

HYDROGEOLOGICAL RISK ASSESSMENT

Foundry Central East, Teesworks

South Tees Development Corporation

REPORT NO: 10047374-AUK-XX-XX-RP-ZZ-1038-01-FCE_HRA

APRIL 2025

FOUNDRY CENTRAL EAST, TEESWORKS, REDCAR

Hydrogeological Risk Assessment

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Document Ref. 10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA
Date April 2025

Version Control

Version	Date	Author	Checker	Reviewer	Approver	Changes
01	25 April 2025	Rebecca White	Simon Hay	Laura Garland	Dr Chris Piddington	First Issue

This report dated 25 April 2025 has been prepared for South Tees Site Company (the “Client”) in accordance with the terms and conditions of appointment dated 17 April 2020 (the “Appointment”) between the Client and **Arcadis (UK) Limited** (“Arcadis”) for the purposes specified in the Appointment. For avoidance of doubt, no other person(s) may use or rely upon this report or its contents, and Arcadis accepts no responsibility for any such use or reliance thereon by any other third party.

Contents

1	Introduction.....	7
2	Environmental Site Setting.....	11
3	Conceptual Site Model	27
4	Hydrogeological Risk Assessment.....	42
5	Summary and Conclusions	66
6	References	67

Tables (in text)

Table A - Relevant Previous Reports.....	11
Table B - Summary of MORECS mean monthly rainfall data and Potential Evapotranspiration (PET) data and winter excess rainfall to determine the infiltration value to be used in the model.	13
Table C - Published On-Site Geology	15
Table D - Site Geology.....	16
Table E - Summary of hydraulic conductivities calculated based on in-situ permeability testing.....	25
Table F - Potential Recovered Materials.....	28
Table G - Foundry Central East Potential Recovered Materials: Potential CoC	30
Table H - Foundry Central West: Intrusive Investigations relating to Potential Recovered Materials ...	32
Table I - Foundry Central West Potential Recovered Materials: Potential CoC	33
Table J - Steel House: Intrusive Investigations relating to Potential Recovered Materials	35
Table K - Steel House Potential Recovered Materials: Potential CoC	36
Table L - Land West of Warrenby Potential Recovered Materials: Potential CoC	37
Table M - South Bank Quay Potential Recovered Materials: Potential CoC.....	39
Table N - Concrete and Refractory Brick Potential Recovered Materials: Potential CoC.....	40
Table O - Selected Indicator Substances	43
Table P - Groundwater Baseline Data.....	44
Table Q - Surface Water Baseline Data	45
Table R - Physical Parameters	50
Table S - ConSim Modelling Output Summary	54
Table T - Predicted Hexavalent Chromium Concentrations at the Site Boundary (95% confidence).....	60
Table U - Summary of Assessment for Placement Restrictions	62
Table V - Pollution Assessment Modelling Outcome Summary	64

Figures (in text)

Figure A Plan showing the Site and its Relation to Surface Waters and other areas forming the northern Teesworks area.....	14
Figure B Plan showing the groundwater monitoring boreholes used in the groundwater level review	19
Figure C Hydrograph showing groundwater levels in the Made Ground and Tidal Flat Deposits at the Site and northern Teesworks area.....	20
Figure D Hydrograph showing groundwater levels in the Redcar Mudstone Formation at the Site and northern Teesworks area.....	21
Figure E Hydrograph showing groundwater levels in the Mercia Mudstone Group at the Site and northern Teesworks area.....	22

Figure F Groundwater contours for groundwater levels recorded in the Made Ground and Tidal Flat Deposits on 18 March 2025 across the Site and northern Teesworks Area.....	24
Figure G Foundry Central East: Classification of Samples from Made Ground	30
Figure H Foundry Central West: Classification of Samples from Made Ground	33
Figure I Modelled Source and Receptors.....	47
Figure J Predicted Arsenic Concentrations Over Time	56
Figure K Predicted Hexavalent Chromium Concentrations Over Time	56
Figure L Predicted Lead Concentrations Over Time	57
Figure M Predicted Ammoniacal Nitrogen Concentrations Over Time.....	57
Figure N Predicted Total Cyanide Concentrations Over Time.....	58
Figure O Predicted Naphthalene Concentrations Over Time.....	58
Figure P Predicted Benzene Concentrations Over Time.....	59
Figure Q Proposed Placement Restrictions	62
Figure R ConSim model for the Pollution Assessment showing the source, pollution receptors and groundwater flow direction	63

Tables

Table 1a to 1g Selected Contaminants of Concern

Table 2 Indicator Substance Selection

Table 3 Descriptive Statistics

Table 4 Worst-Case Source Input Concentrations

Table 5a & 5b ConSim Model Outputs

Figures

Figure 1 Site Location & Environmental Site Setting

Figure 2 Historical Site Setting

Figure 3 Donor and Receiver Site Location Plan

Figure 4 Existing Groundwater Monitoring Well Locations

Figure 5 Conceptual Site Model Cross Section

Appendices

Appendix A

Planning application

Appendix B

Previous Reports

Appendix C

Study Limitations

Appendix D

Cross Sections

Appendix E

Tidal Influence data and Hydrographs

Appendix F

Aquifer Permeability Tests

Appendix G

Foundry Central East Data

Appendix H

Foundry Central West Data

Appendix I

Steel House Data

Appendix J

Land West of Warrenby Data

Appendix K

South Bank Quay Data

Appendix L

Concrete and Refractory Brick Data

Appendix M

Mudstone Data

Appendix N

Leachate Data Conservatisms

Appendix O

Datasets

Appendix P

WQS

Appendix Q

Box and Whisker Plots

Appendix R

Degradation Secondary Evidence

Appendix S

Chemical Parameters

Appendix T

Physical Parameter Histograms

Appendix U

ConSim Modelling Sensitivity Output

Appendix V

Compliance Criteria

1 Introduction

Arcadis Consulting (UK) Ltd (Arcadis) was commissioned by South Tees Development Corporation (STDC) to undertake a Hydrogeological Risk Assessment (HRA) in support of redevelopment works being undertaken for the plot of land known as Foundry Central East (“the Site”).

The redevelopment works involve the construction of a development platform suitable for commercial industrial end use. Following excavation of materials to deliver the remediation strategy, material is required to achieve the required development platform elevation (in line with surrounding site levels).

As such, this HRA has been undertaken to support the Deposit for Recovery (DfR) permit application for the backfilling of recovered materials at the Site as part of the construction of the development platform. This report has been produced in line and with reference to English legislation and regulatory guidance for the assessment of land contamination, and the approach has been developed following extensive correspondence with the Environment Agency (EA).

The Site is a land parcel situated within the wider Teesworks area located across the Redcar, Lackenby, Grangetown and South Bank conurbations of the Borough of Redcar & Cleveland, set in the industrial area generally known as ‘South Tees’.

A Site location plan is presented as Figure 1; Figure 2 summarises the various historical structures and activities on the Site.

1.1 Regulatory Context

The Site has planning consent from Redcar and Cleveland Borough Council (RCBC) as Local Planning Authority (LPA) [R/2020/0821/ESM]¹, which has been granted “*for development of up to 464,515sqm (gross) of general industry (use class B2) and storage or distribution facilities (use class B8) with office accommodation (use class E), HGV and car parking and associated infrastructure works (all matters reserved)*”. A copy of R/2020/0821/ESM is provided at Appendix A. The northeastern section of the Site and a thin area of land down the eastern boundary lie outside R/2020/0821/ESM and will be subject to a full planning application to the LPA. In support of this, remediation of the Site in respect to risk to human health is consented by the LPA under R/2024/0177/CD² for the western Site boundary and R/2024/0414/CD³ for the remainder of the Site. A summary of the LPA consented works to enable redevelopment of the Site is provided in Section 1.2 below.

This HRA is intended to support the DfR environmental permitting process in line with waste recovery plans and deposit for recovery permits [EA, 2023]. In order to create the development platform proposed in the above planning consent, use of recovered waste materials is proposed. Recovered waste material (“recovered material”) is to be used under a DfR permit. A summary of the DfR permit application is provided in MAMX-ATK-ENV-FDRXX-RP-EN-000002.

This report follows a previous HRA completed for the plot of land bordering the Site to the west; the HRA was undertaken to support the recovery of waste materials, including slag-rich Made Ground, similar to that present at the application Site, as an engineered fill material. The HRA for the area directly to the west of the Site was reviewed by the EA prior to issue of a Local Enforcement Permit (LEP) [LEP reference: STDC/NZT/LEP]. The HRA for the area directly west of the Site was submitted to support a DfR application in April 2025 [reference: 10047374-AUK-XX-XX-RP-ZZ-815-03-Foundry Central West HRA].

¹ [Planning Application Details \(redcar-cleveland.gov.uk\)](https://redcar-cleveland.gov.uk/planning/applications/2020/0821/ESM/)

² [Planning Application Details](https://redcar-cleveland.gov.uk/planning/applications/2024/0177/CD/)

³ [Planning Application Details](https://redcar-cleveland.gov.uk/planning/applications/2024/0414/CD/)

The use of the terms 'hazardous substances' and 'non-hazardous substances' in this report refers to their determination with respect to the Groundwater Daughter Directive (2006/118/EC).

1.2 LPA Consented Enabling Works

1.2.1 Enabling Works Overview

The works consented by Condition Discharges R/2024/0177/CD and R/2024/0414/CD is to construct a development platform with a finished level of 7.10m AOD for commercial / industrial end use.

Following construction, the development platform will be leased to a tenant for the construction of third party commercial / industrial facility. The lease boundary is laterally a minimum of 5m inside the planning boundary on all sides, this buffer zone is to facilitate full depth remediation at the lease boundary (with appropriate batters for excavation stability) and to allow STDC as landlord to install site access roads, utilities and services to the lease plot across remediated ground.

The DfR permit boundary aligns with the buffer zone boundary not the lease boundary.

1.2.2 Project Objectives for Enabling Works

STDC have defined a series of development requirements which have informed the design of the consented development platform. These are in line with those generally associated with brownfield redevelopment and the expectations of potential tenants.

The development requirements include the client defined environmental and geotechnical remediation standards, the setting of depth of the earthworks envelope (the lateral and vertical excavation extents) to be subjected to the works, the finished levels, and the requirements of backfill material. These requirements in summary comprise:

- Remediation (human health) of the earthworks envelope in accordance with the documentation accepted by the LPA under R/2024/0177/CD and R/2024/0414/CD.
- Earthworks Envelope conducted in accordance with The Manual for Contract Documents for Highway Works (MCHW), Specification for Highway Works (SHW) series 600 (2017).
- Laterally the earthworks envelope is defined as the lease boundary plus a 5m buffer.
- Vertically the earthworks envelope is defined as the 2.5m of material below the set plot development level.
- The earthworks envelope must be free from, relic structures and foundations, material not compliant with current earthworks standards
- Removal of structures which extend beyond 2.5m below the final finished level will be required where the lateral or vertical extent of the structure would materially restrict development options. The extent of additional removal would be on a case-by-case basis.
- The remediation design should limit the need for significant lorry movements outside of the Teesworks site boundary.
- The development platform including the buffer zone should be suitable for the installation of utilities and services at industry standard depths.

A plan showing the locations of the material receiving site (Foundry Central East) and proposed material donor sites at Teesworks is presented as Figure 3. The sites shown include:

- Foundry Central East (receiver and donor site);
- Foundry Central West (FCW) (donor site);
- Land West of Warrenby (donor site);
- South Bank Quay (donor site); and

- Steel House (donor site).

Additionally, donor material comprising Mudstone from outside the Teesworks site is proposed and not shown on Figure 3.

1.3 Background

Early historical maps indicated the Site comprised a part of the Bran Sands area of the Tees Estuary, which was reclaimed by tipping of byproducts from iron and steel production from the 1920's. In the 1960s approximately 25% of the Site was reclaimed from the Tees Estuary at this time.

In the mid 1970s tracks and railway sidings were shown to be present south of the Site. In the 1970s the remainder of the Site was reclaimed, with iron and steel biproducts and potentially with Sand Fill, including possible placement using hydraulic methods. The most likely source of the sand is considered dredgings from the River Tees, although this has not been confirmed. The Site was redeveloped as the Teesside Works Redcar which comprised a building associated with the power station, which extended outside the northern Site boundary, and additionally railway lines and stocking areas for ore south of the private road "Red Main". The Site ceased operations in 2015: subsequent works included the demolition of all above ground structures. Environmental investigations have been undertaken across the Site to characterise the subsurface conditions.

The on-Site investigations undertaken included trial pitting, the advancement of boreholes, installation of monitoring wells, geoenvironmental analytical testing (including soils, soil leachate and groundwater) and collection of hydrogeological parameters. The investigation works identified that Made Ground at the Site included large proportions of slag.

Investigation and sampling have also been undertaken of the wastes proposed for material recovery as engineered backfill, in order to characterise this material and facilitate assessment of the potential effects on baseline conditions of its use on Site. Waste proposed for material recovery include on-Site Made Ground, Made Ground from the wider Teesworks, brick and concrete demolition materials from the former works and off-Site Mudstone from the Woodsmith Project Tunnel. Similarly to on-Site Made Ground, large proportions of slag were identified within the proposed recovered materials comprising Made Ground from the wider Teesworks.

1.4 Report Aims

The aim of this HRA is to satisfy the requirements of a DfR permit in line with *Waste recovery plans and deposit for recovery permits* [EA, 2023], including:

- Development of a Conceptual Site Model (CSM), including production of a conceptual hydrogeological model.
- Identification of priority substances.
- With reference to the *Groundwater Risk Assessment Guidance for Environmental Permits* [EA, 2016], provide an assessment of the potential risk to controlled waters receptors from the use of recovered waste materials as engineered fill material.
- Based on the outcome of the risk assessment and design measures employed, if any, establish the specification for recovered waste via waste acceptance criteria.

To aid in undertaking the HRA, the available information, including previous reports and desk study information will be reviewed. This information will be used aid in understanding the environmental site setting and developing the CSM.

1.5 Reliability of Information / Limitations

Arcadis' liability, pursuant to the terms of the appointment of Arcadis by STDC, is strictly limited to the work undertaken and the matters contained and specifically referred to in this report. A copy of Arcadis' Study Limitations is presented in Appendix C.

1.6 Reliance

It is understood that the current report has been prepared for the use of STDC. The contents of this report may not be used or relied upon by any person other than this party without the express written consent and authorisation of Arcadis.

2 Environmental Site Setting

The information gathered from the investigations undertaken to date has been used to develop the environmental Site setting and CSM, as detailed in the following sections. A list of the previous reports prepared for the Site is included in Appendix B.

The environmental setting of the Site is summarised on Figure 1 and in the sections below. Figure 1 identifies potentially sensitive land uses in the vicinity of the Site, alongside identified controlled waters and ecological receptors.

Desktop information was gathered from following sources of information:

- Groundsure Report (digital data Annex A);
- British Geological Survey (BGS) published maps and online GeoIndex borehole records;
- Department for the Environment Industry profiles (Gas Works, Coke Works, Iron and Steel Works, Railway Land and other Coal Carbonisation Plants & Metal manufacturing and finishing works);
- Gov.uk website.

2.1 Relevant Previous Reports

Arcadis have produced an Earthworks Specification Foundry Central East [10047374-AUK-XX-XX-SP-YY-831-01-FCE Earthworks Specification], dated April 2025. This document will form part of the Waste Acceptance Procedures for the DfR permit.

Other reports have been prepared for the Site to support Planning Matters with the LPA, these are listed in Appendix B for information purposes. This HRA is intended to be a standalone document which summarises the relevant information from the earlier reports, as required. Key information referenced is provided in the accompanying appendices. Additionally, supporting documentation such as laboratory certifications and borehole logs are provided in a separate digital data annex, Annex A.

Extensive investigations have been undertaken for the Site, as outlined in Table A below.

Table A - Relevant Previous Reports

Investigation	Scope
Enviros 2004 Soil and Groundwater Baseline Characterisation Study, Teesside Works [Enviros 2004]	• 9No Trial Pits and 1 borehole.
CH2M-SSI1 2017 SSI- Redcar-SSI 1 Factual Report [CH2M 2017b]	• 57No trial pits (max 5.00m) • Covers areas south of Red Main road, generally away from structures.
Arcadis 2018 Site Condition Report and Environmental Risk Assessment Report [Arcadis 2017a and Arcadis 2018b] Based on factual data in AEG report 4153 & 4154 Area A Former Steelworks Redcar Contract 1 & 2	• 5No boreholes with monitoring wells installed
AECOM 2023/2024 AECOM investigations have been undertaken on behalf of a prospective tenant concurrently with Arcadis site works	• Boreholes (25no.) and installed monitoring wells (24no. twin installations);

Investigation	Scope
in order to assist a future potential development [AECOM, 2024].	• Soil (196no.), soil leachate testing (67no) and groundwater monitoring (69no.); and, • Aquifer property testing including long term level monitoring
Arcadis 2024 Phase 1 desk study & Contaminated Land Generic Quantitative Risk Assessment [Arcadis, 2024a & 2024b]	• Trial pits (15no.); • Soil (19no.), and soil leachate testing (17no.); • Groundwater monitoring and testing (32no.), including from locations installed by AECOM; • Aquifer property testing

Data extracted from these investigations for locations which fall within the Site boundary (unless otherwise stated) are provided in digital data Annex A. The data annex includes: investigation location plans, trial pit and borehole logs, soil, soil leachate and groundwater analysis and monitoring summary and hydrogeological data (aquifer permeability tests and tidal monitoring results).

2.2 Site Description

The Site is rectangular in shape and generally level with ground elevations typically between 7.0 to 7.2m above Ordnance Datum (AOD), except for several isolated bunds. There are areas of soft standing and hardstanding present in the footprint of the former buildings. A private road “Red Main” runs approximately east-west through the northern third of the Site.

At the time of writing, all above ground structures at the Site had been demolished and concrete slabs broken out with Site surfacing comprising a mixture of rubble, steel making byproducts and grassed areas.

Prior to demolition, the northern third of the Site, located north of the Red Main road, was occupied by the former power station associated with the wider Teesside Steelworks. The area south of Red Main was a large open stocking area for ore. The Site was formally crossed by above ground conveyors, a heavy fuel oil (HFO) line, and coke oven gas / blast furnace gas (COG / BFG) pipelines.

To the north, the Site is bounded by Teesworks land, formerly comprising the blast furnace complex, pulverised coal plant, deep water tunnel, and associated gas and water infrastructure and form part of the wider Foundry landholding. Approximately 900m north of the Site is the South Gare which although owned by STDC is accessible to the public, beyond this is Redcar Beach and the North Sea.

To the south, the Site is bordered by further areas of the Teesworks Foundry landholding formerly used for feedstock storage, and a second private road “Blue Main”. The Site is bordered to the west by the FCW landholding (subject to a separate application to the LPA R/2020/0821/ESM) which formerly comprised the Redcar Coke Ovens (RCO) north of Red Main and the Materials Handling Plant south of Red Main. Beyond FCW is a site access road, utility corridor and the third party land in the form of Redcar Bulk Terminal (RBT).

The Site is bordered to the east by the Land West of Warrenby plot (subject to LPA decision R/2021/1048/FFM), formerly comprising the Sinter Plant, Blast Furnace Stockhouse, and Redcar Workshops associated with the former Redcar Iron and Steel works.

2.3 Surface Hydrology

2.3.1 Rainfall

The mean annual rainfall at the Site is estimated to be approximately 600mm, which is reasonably equally distributed throughout the year. Available rainfall information was reviewed from the following stations:

- Hartlepool (station ID:026297) is located at an elevation of 5m AOD at National Grid Reference (NGR) NZ 51787 34362, approximately 9.5km to the north-north-west. The mean annual rainfall recorded at the station for this period is 572mm/year for period between September 1999 and December 2024. [Data downloaded from the DEFRA Hydrology Data Explorer website, accessed December 2024].
- Marske (station ID: 034091) is located at an elevation of 15m AOD at NGR NZ 62120 22722, approximately 6.5km to the east-south-east. Rainfall data has been recorded at the station between April 1999 and December 2024. The mean annual rainfall recorded at the station for this period is 615mm/year. [Data downloaded from the DEFRA Hydrology Data Explorer website, accessed December 2024].
- Loftus is located at NGR NZ 72020 18097, approximately 17km east-south-east of the Site at an elevation of 69m AOD. The mean annual rainfall at this station was 633mm/year for the period between 1991 - 2020. [Data sourced from MET OFFICE website, accessed December 2024].
- MORECS (Meteorological Office Rainfall and Evaporation Calculation System) monthly rainfall data provided by the MET Office for the 5km grid square directly southeast of the Site records a mean annual rainfall of 602mm/year [MET Office, 2025].

MORECS data were used to estimate potential evapotranspiration (PET) data for a 5km grid square directly southeast of the Site. The PET data is calculated for bare soil and low available water content. The mean annual PET for the Site is approximately 529mm for the period between January 2001 and December 2024 [MET Office, 2025]. The majority of the PET occurs between March and September. The mean excess winter rainfall, when rainfall exceeds PET, between October and February is 157mm / year.

The PET data are summarised in Table B in relation to the simulation modelling undertaken. This assumes (conservatively) an average infiltration rate of 160mm/year.

Table B - Summary of MORECS mean monthly rainfall data and Potential Evapotranspiration (PET) data and winter excess rainfall to determine the infiltration value to be used in the model.

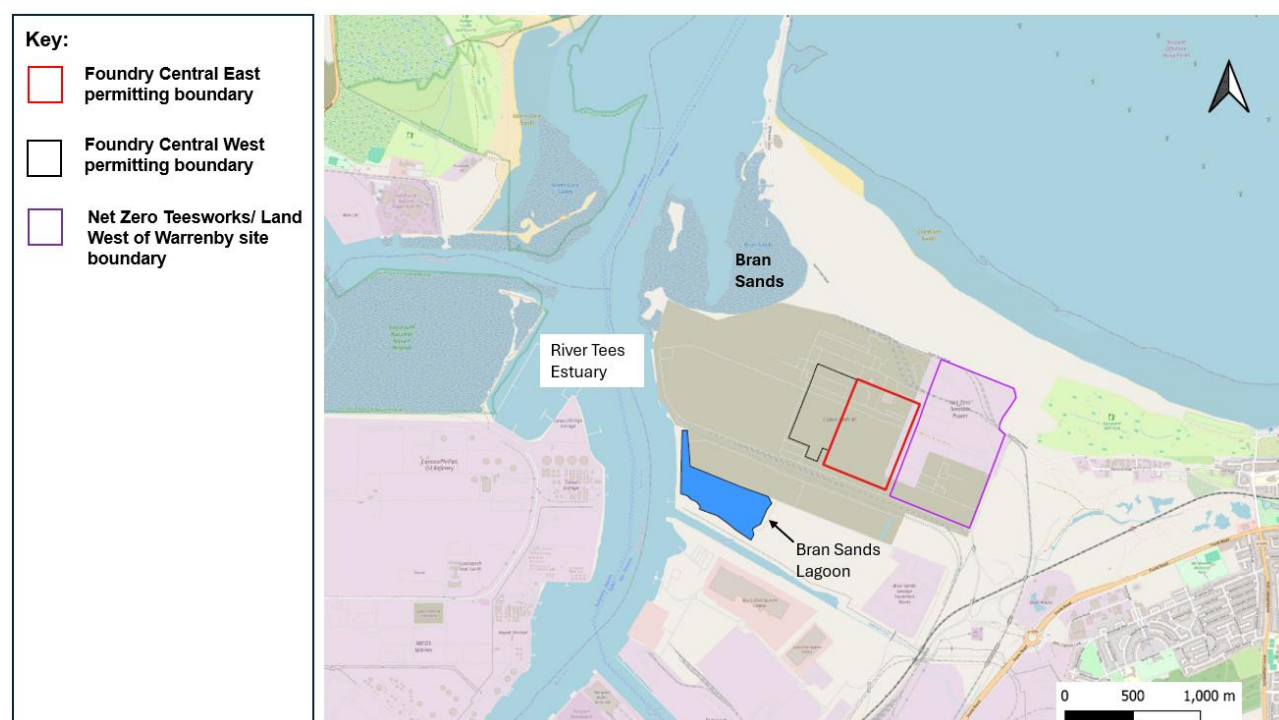
Month	Mean Monthly MORECS Rainfall (mm)	Mean Monthly MORECS PET data (mm)	Winter excess rainfall (Mean Monthly Rainfall - Mean monthly PET) (mm)
January	47.1	15.0	32.1
February	37.1	20.8	16.3
March	36.4	34.6	1.8
April	36.4	47.9	
May	41.1	64.7	
June	55.9	71.4	
July	61.8	82.9	
August	65.5	73.9	
September	50.2	52.8	
October	59.1	31.8	27.3
November	59.4	18.9	40.5
December	52.1	13.1	39.0
Total	602	529	157
Assumptions: PET data is calculated for bare soil and low available water content No hardstanding and no vegetation covering the Site All winter excess rainfall infiltrates			

2.3.2 Surface Water Features

The Site is located on the right bank of the River Tees estuary. Bran Sands (the mouth of estuary) is approximately 770m northwest of the Site at its closest extent. The shore of the North Sea is approximately 900m to the north.

The other main surface water feature in the vicinity of the Site is Bran Sands Lagoon, a large man-made feature approximately 500m to the south-west covering approximately 20ha. Bran Sands Lagoon adjoins to the River Tees Estuary and is assumed to be in hydraulic continuity with it. The lagoon is roughly rectangular, approximately 700m by 300m and is considered as part of the estuarine waters within this assessment. The location of the Site in relation to these features is shown on Figure A.

Figure A Plan showing the Site and its Relation to Surface Waters and other areas forming the northern Teesworks area



The River Tees Estuary and associated Bran Sands Lagoon both fall within the Teesmouth and Cleveland Coast Special Scientific Interest (SSSI). Additionally, the River Tees to the northwest of the Site is designated as a Special Protection Area (SPA) and Ramsar site. [Designations according to DEFRA Magic Map Application [DEFRA, accessed 15 January 2024].

2.4 Geology

2.4.1 Published Geology

The geology of the Site is shown on British Geological Survey (BGS) 1:50,000 scale Sheet 34, "Guisborough", and digital 10,000 scale mapping.

These sources record extensive Made Ground across the Site footprint - this is consistent with the reclamation of the Site from the Tees Estuary and the industrial usage of the Site.

Superficial deposits underlying the Made Ground are recorded as Tidal Flat Deposits which are likely to include deposits of clay, silt and sand, and of windblown sand in the east. These are underlain by Glaciolacustrine Deposits in some areas, described as laminated clay with silt partings, and Glacial Till, described as firm or stiff

pebbly clay, locally with lenses of gravel. It should be noted that the geological mapping suggests that neither the Glacial Till, nor the Glaciolacustrine Deposits, are exposed at surface at the Site due to the overlying Made Ground.

Bedrock geology includes the Redcar Mudstone Formation (mudstone with thin sandstones and limestones) across the southeastern half of the Site and the Mercia Mudstone Group (mudstone with gypsum and sandstone) across the northwest corner of the Site. The Penarth Group (mudstone with sandstones) is indicated to be present in a narrow band between these units. The Sherwood Sandstone Group lies unconformably beneath the Mercia Mudstone Group and will be present at depth (>250m). The Site Geology is summarised in Table C.

The succession of the bedrock units is inclined to the north-northwest at approximately 14 degrees [Arcadis 2020].

Table C - Published On-Site Geology

	Rock Type	Brief Description	Anticipated Thickness
<i>Superficial Geology</i>	Tidal Flat Deposits	Dense sand, silt and clay.	0-18m
	Glaciolacustrine Deposits	Soft to firm clay with sand laminations	Thin and incomplete
	Glacial Till	Firm to very stiff slightly gravelly clay.	11-27m
<i>Bedrock Geology</i>	Redcar Mudstone Formation	Grey, fossiliferous, fissile mudstones and siltstones	0 - >50m
	Penarth Group	Grey to black mudstones with subordinate limestones and sandstones	9-15m
	Mercia Mudstone Group	Red and green mudstone with gypsum	230-275m
	Sherwood Sandstone Group	Sandstone, red, yellow and brown	250m+

2.4.2 Local Geology

The extensive ground investigations undertaken have confirmed the published geology, with the exception that no Glaciolacustrine Deposits were identified. The materials encountered comprised Made Ground and re-worked natural deposits (thickness varying between 4 – 7 m), described as Sand Fill (which in some locations may have been placed hydraulically), overlying superficial cohesive and granular Tidal Flat Deposits. Glacial Till was present beneath the Tidal Flat Deposits in some locations, although absent in some areas. Underlying bedrock comprised Redcar Mudstone Formation across the southeastern half of the Site and the Mercia Mudstone Group across the northwestern corner. The Penarth Group (mudstones) was found to be present in a narrow band between these units.

The ground conditions encountered during intrusive investigations are presented on the geological cross-sections in Appendix D.

Four main types of Made Ground have been noted across the Site:

- **Slag-dominant Made Ground (SMG >50% slag):** Generally ranging from gravel to boulder size fragments and intermixed with other types of manmade fragments including brick, concrete, coal, sandstone and clinker. The slag material generally ranged from light grey to dark grey/black in colour, but a wide range of other colours were also noted including grey, brown, red brown and orangish brown. Discolouration of the slag surface was also noted with white crystallisation/discolouration often noted on the outer surface.
- **Granular Made Ground (GMG <50% slag):** Generally described as a sandy gravel with varying amounts of clay, cobbles and gravel. Gravel and cobbles include brick, concrete and other demolition materials, slag was not the dominant constituent although often still present within the soil matrix.
- **Cohesive Made Ground (CMG):** Generally described as brown slightly gravelly clay. Gravel includes brick, mudstone and sandstone.
- **Sand Fill (SF):** Identified in the north of the Site and adjacent to the southern Site boundary. Sand Fill is also known to be present in locations just south off the Site boundary Material is described as loose yellowish-brown sand with occasional shell fragments. Sand Fill may potentially be from dredging activities, and as a result is very similar to the underlying Tidal Flat Deposits, and primarily identified based on its elevation.

Due to the Sand Fill being composed of re-worked natural deposits, Sand Fill differs from slag rich Made Ground (SMG, GMG) or the CMG which contains man-made material. Although Sand Fill falls within the Made Ground category when referring to geological units, terminology has been used in this report to distinguish the Sand Fill from the other Made Ground types given its different characteristic: Reference to 'Made Ground' in the proceeding sections of this report refers to the three Made Ground types SMG, GMG, CMG, with 'Sand Fill' referred to separately.

In addition to the above the Site surface south of Red Main Road is covered in a thin layer of residual feedstock from site operations comprising ore, limestone, and coal / coke. A summary of the geology identified is provided in Table D below.

Table D - Site Geology

Geological Unit and Aquifer Classification	Description	Maximum Depth (metres below ground level [m bgl]) and Location
Made Ground: SMG	Subrounded to subangular medium to coarse slag GRAVEL with high cobble content of slag cobbles.	6.8 S1-BH03
GMG	Slightly gravelly fine to coarse SAND. Gravel is subrounded to angular slag. AND Black, grey, brown clayey sandy GRAVEL. Sand is fine to coarse. Gravel is fine to coarse subangular and includes slag, concrete, brick and clinker.	7.0 S1-BH16
CMG	Brown slightly gravelly CLAY. Gravel is subangular to rounded fine to coarse of mudstone, sandstone and brick. Sand is fine to coarse.	5.25 B-BH8
SF	Yellowish brown silty fine to medium SAND.	5.0 FOU_TP143

Geological Unit and Aquifer Classification	Description	Maximum Depth (metres below ground level [m bgl]) and Location
Superficial: Tidal Flat Deposits (Secondary Undifferentiated / Secondary (A) Aquifer)	Dense fine to coarse SAND with shell fragments. AND Dense to very dense slightly gravelly fine to coarse SAND with shell and coal fragments. Gravel is rounded to subrounded fine to medium mudstone and sandstone.	18.27 B-BH23
Glacial Till (Secondary Undifferentiated Aquifer)	Stiff silty slightly sandy slightly gravelly CLAY. Gravel is rounded to angular fine to medium coal, mudstone, and sandstone.	20.4 B-BH28 (directly adjacent offsite) 20.28 B-BH3
Glaciolacustrine Deposits (Unproductive Strata)	Not encountered.	N/A.
Bedrock: Redcar Mudstone Formation (Secondary Undifferentiated Aquifer)	Identified in fifteen locations. Extremely weak to medium strong fractured thinly laminated grey MUDSTONE.	41.00 S1-BH16
Penarth Group (Secondary (B) Aquifer)	Identified in four locations. Extremely weak light grey MUDSTONE.	28.94 B-BH8
Mercia Mudstone Group (Secondary (B) Aquifer)	Extremely weak to strong fractured thinly laminated light bluish grey and dark reddish brown MUDSTONE.	40.00 B-BH30
Sherwood Sandstone Group (Principal Aquifer)	Not encountered.	>40m

Note: Arcadis' interpretation of third-party data may differ from what is presented on the third-party logs

Made Ground

Made Ground is present at the surface across the Site and is recorded as present in every investigation location. Slag-rich Made Ground is recorded across the Site.

Sand Fill

Sand Fill is present north of the Red Main Road with one location recording Sand Fill in the southeast. Sand fill is known to be present in intrusive locations just beyond the southern boundary of the Site and therefore may cross onto the Site. Sand Fill is present in shallow depths overlying the Tidal Flat Deposits.

The interface between the Sand Fill and Tidal Flat Deposits is unclear in the majority of locations and is inferred from likely historic high tide levels pre-reclamation of the Site from the estuary. The similarity of the two units is considered to be due to the potential source of the Sand Fill as dredgings from the River Tees.

Tidal Flat Deposits

The Tidal Flat Deposits were noted to be continuous across the Site and of significant thickness (typically greater than 10m). The upper section of the Tidal Flat Deposits is predominantly sandy with the lower section observed to be a clayey sand.

Glacial Till

Where present, Glacial Till encountered at the Site is at a range of depths and recorded above the bedrock strata. The cross section presented in Appendix D indicates that the Glacial Till is present in varying thicknesses and is not present in the central western third of the Site.

Glaciolacustrine Deposits

Not encountered.

Bedrock

Arcadis have interpreted bedrock in locations advanced by AECOM on the basis of borehole logs only and have therefore not been able to confirm the rock unit in all locations.

Rockhead was recorded in all investigation locations which extended deeper than 15 m bgl. Cross sections are included in Appendix D. The surface of the bedrock across the Site shows complex changes in topography, very broadly the depth to rockhead becomes shallower moving north to south across the Site.

The Mercia Mudstone Group, Redcar Mudstone Formation and Penarth Group were encountered during the investigations. The Sherwood Sandstone Group was not encountered in shallow bedrock through multiple boreholes advanced between 30m bgl to 40m bgl and is anticipated to be present at depths of >250m bgl beneath the Site.

2.5 Hydrogeology

2.5.1 Aquifer Classification

The Tidal Flat Deposits beneath the Site are designated as Secondary Undifferentiated on the MAGIC Map website [DEFRA, accessed December 2024]. The upper section of the Tidal Flat Deposits is granular and predominantly sand with the lower section observed to be more cohesive clayey sand. The upper granular Tidal Flat Deposits are classified as Secondary A Aquifer while the cohesive Tidal Flat Deposits are classified as Secondary Undifferentiated. The Glacial Till is designated as a Secondary Undifferentiated Aquifer and the Glaciolacustrine Deposits are designated Unproductive Strata. The Penarth Group and Mercia Mudstone Group are designated as Secondary B Aquifers, while the Redcar Mudstone Formation is designated as a Secondary Undifferentiated Aquifer.

The Sherwood Sandstone Group, indicated as present at depth beneath the Site, is classified as a Principal Aquifer (not considered as a receptor based on depth).

2.5.2 Review of Groundwater Levels

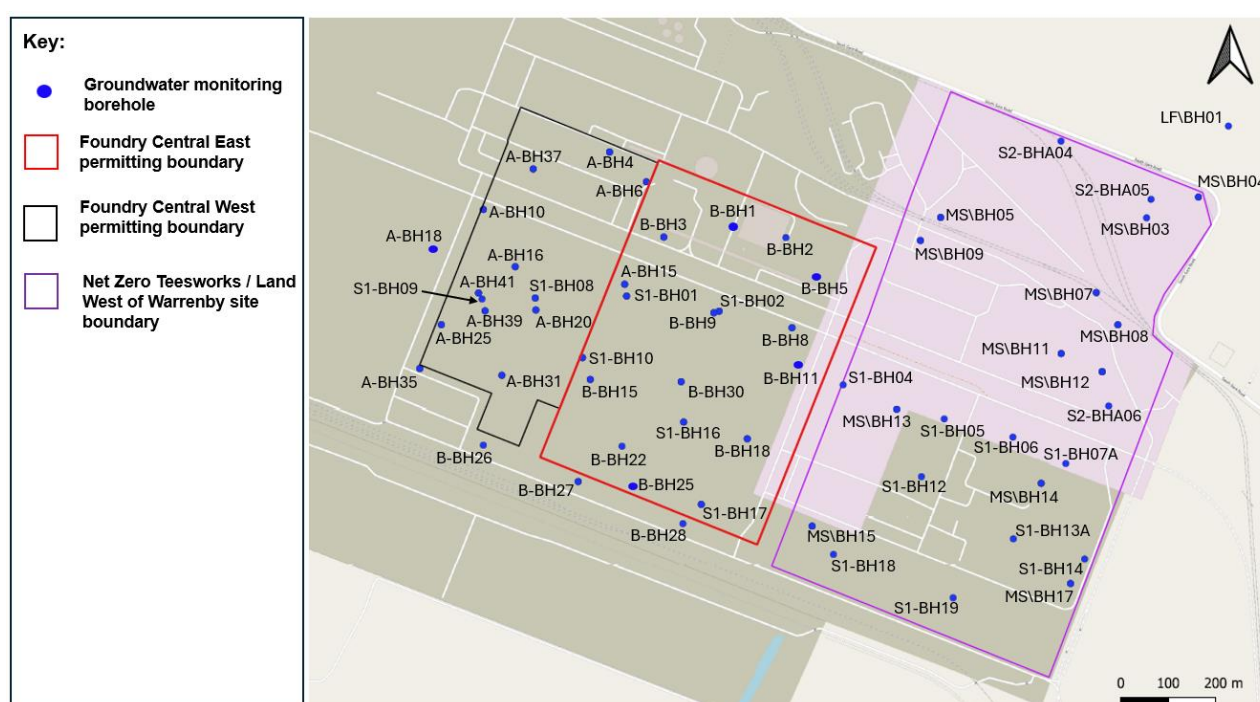
A review has been undertaken of the groundwater level data collected at the Site and the northern Teesworks area. This area includes FCW located adjacent to the western boundary of the Site and “Net Zero Teesside” (NZE) located adjacent to the Site’s eastern boundary. NZE is also referred to as Land West of Warrenby (LWoW), the donor site for material from LWoW covers the northern half of the NZE planning boundary area as shown on Figure 3. The areas which form the northern Teesworks area are shown on Figure A. The groundwater monitoring boreholes used in the groundwater level review are shown on Figure B.

2.5.3 Groundwater Monitoring Locations

Groundwater monitoring boreholes are distributed across the Site and wider Teesworks area, as shown in Figure B. These comprise:

- 61 boreholes screened within the Made Ground and Tidal Flat Deposits. These confirm the presence of groundwater in these units beneath the Site at elevations of between 2.0 and 4.5 m AOD;
- 1 borehole within the Glacial Till;
- 11 boreholes installations screened in the Redcar Mudstone Formation, which record similar groundwater elevations (between 2.0 and 4.0 m AOD);
- 17 boreholes screened in the Mercia Mudstone Group (recording groundwater elevations between 0.5 and 3.0 mAOD); and
- 1 borehole within the Penarth Group.

Figure B Plan showing the groundwater monitoring boreholes used in the groundwater level review



2.5.4 Groundwater Levels

Site specific groundwater data were obtained from the network of on-Site and selected off-Site wells, which are shown on Figure 4.

Groundwater level monitoring data is available since October 2017 for the northern Teesworks area and since June 2023 at the Site. Spot readings were generally obtained at a monthly frequency, although data collection has not been continuous over the monitoring period.

Continuous groundwater level data was collected from selected on-Site locations between 14 August 2023 and 31 October 2023 using pressure transducers and are presented at Appendix E.

The monitoring data is shown on the hydrographs presented as Figures C, D and E. The daily rainfall shown on these figures is taken from the Marske rainfall station (station ID 034091), located approximately 5.5km from the northern Teesworks area. Due to the volume of data presented on Figure C, additional hydrographs showing the groundwater levels in the Made Ground and TFD per site forming the northern Teesworks Area are presented at Appendix E.

Figure C Hydrograph showing groundwater levels in the Made Ground and Tidal Flat Deposits at the Site and northern Teesworks area

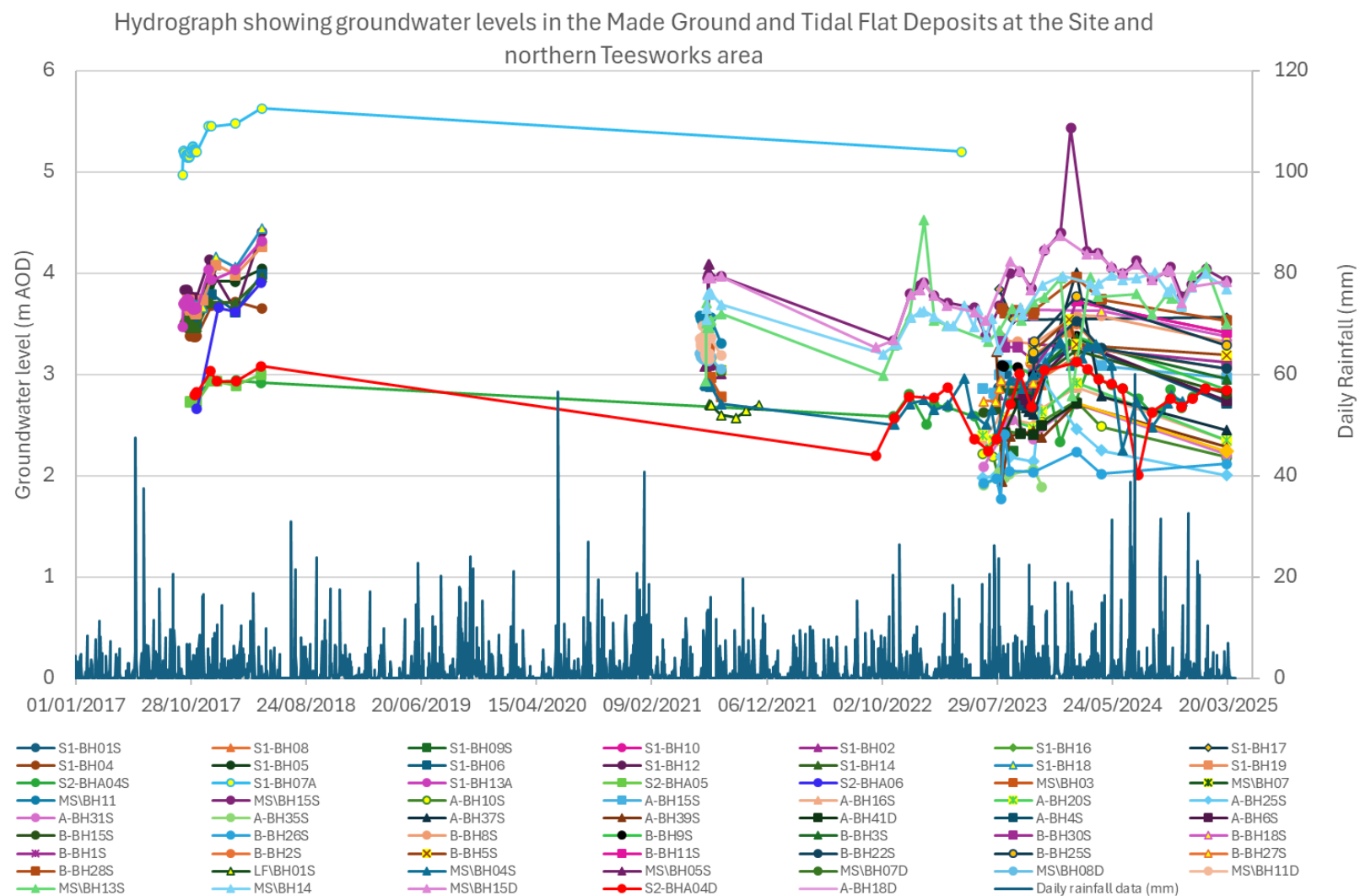


Figure D Hydrograph showing groundwater levels in the Redcar Mudstone Formation at the Site and northern Teesworks area

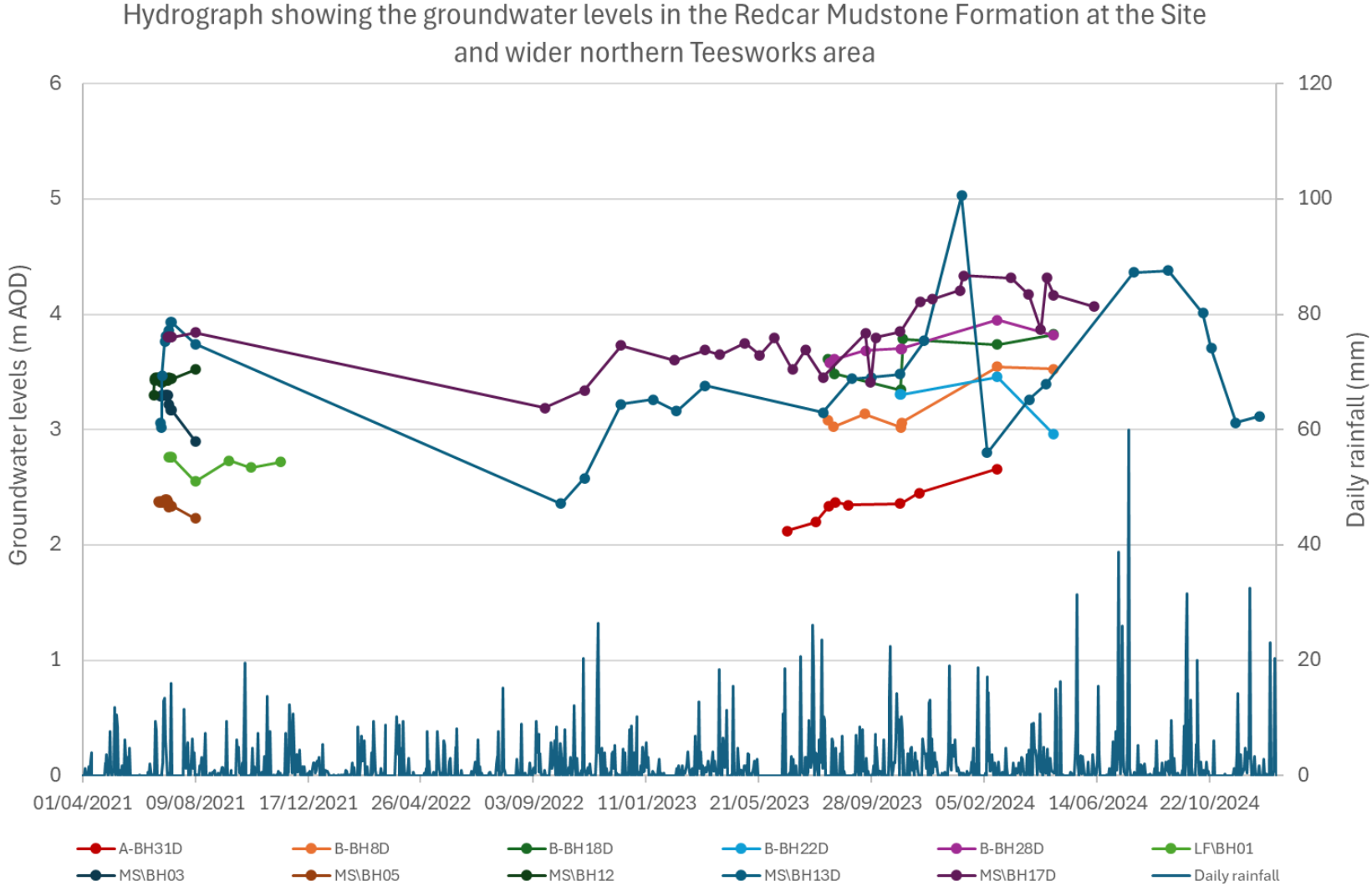
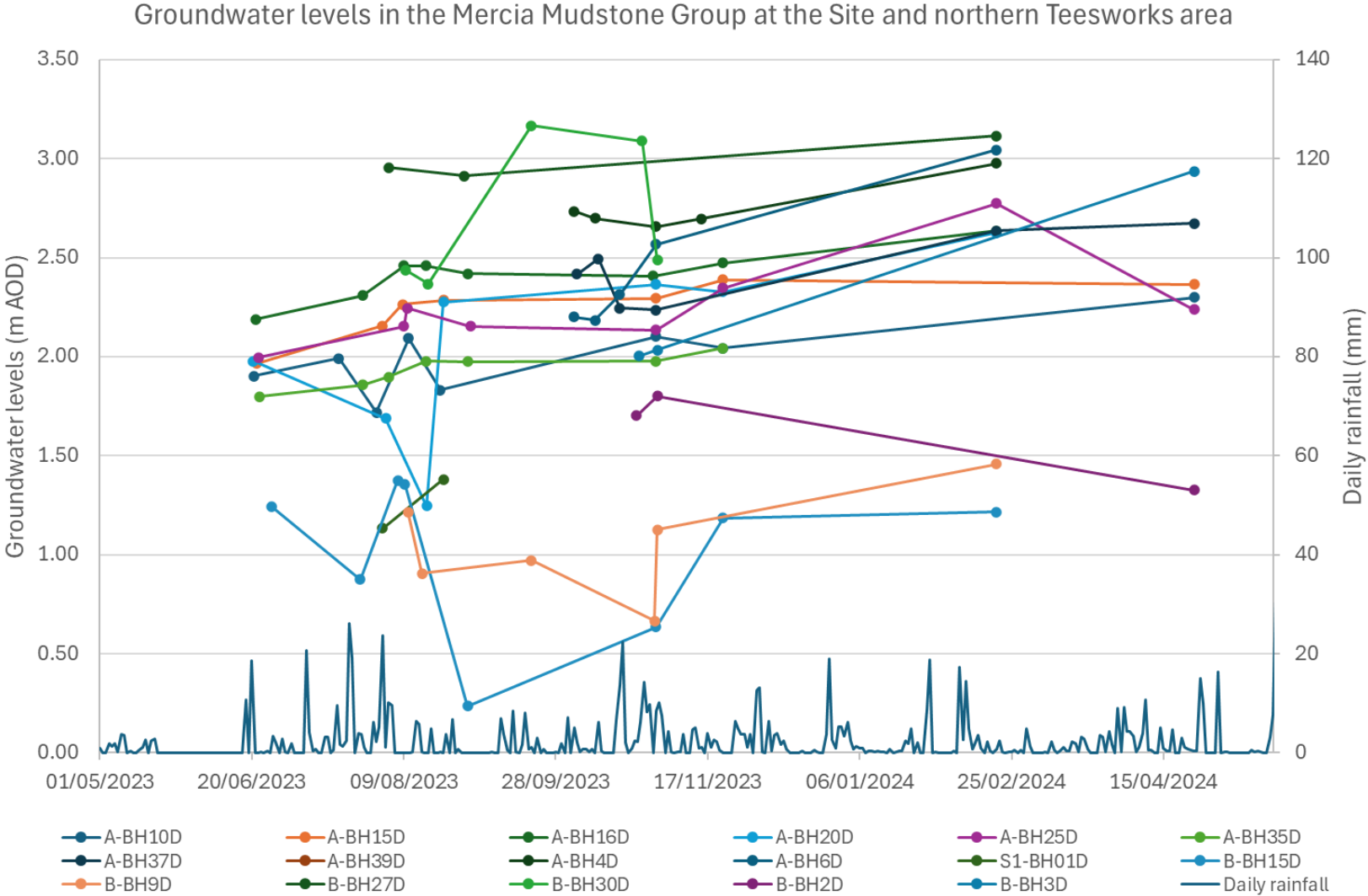


Figure E Hydrograph showing groundwater levels in the Mercia Mudstone Group at the Site and northern Teesworks area



Only one borehole across the Site and the northern Teesworks area is screened within the Glacial Till and one within the Penarth Group, therefore, hydrographs have not been presented for these units. Recorded groundwater elevations in the Glacial Till varied between 2.72 and 2.87 m AOD and 0.85 and 1.6 m AOD in the Penarth Group.

2.5.5 Piezometric Relationship between Superficial and Bedrock Units

The groundwater elevations in the different units are shown on the cross sections within Appendix D. The piezometric surface for the three bedrock geologies lies within the overlying Made Ground or Tidal Flat Deposits, indicating slightly confined conditions in the bedrock.

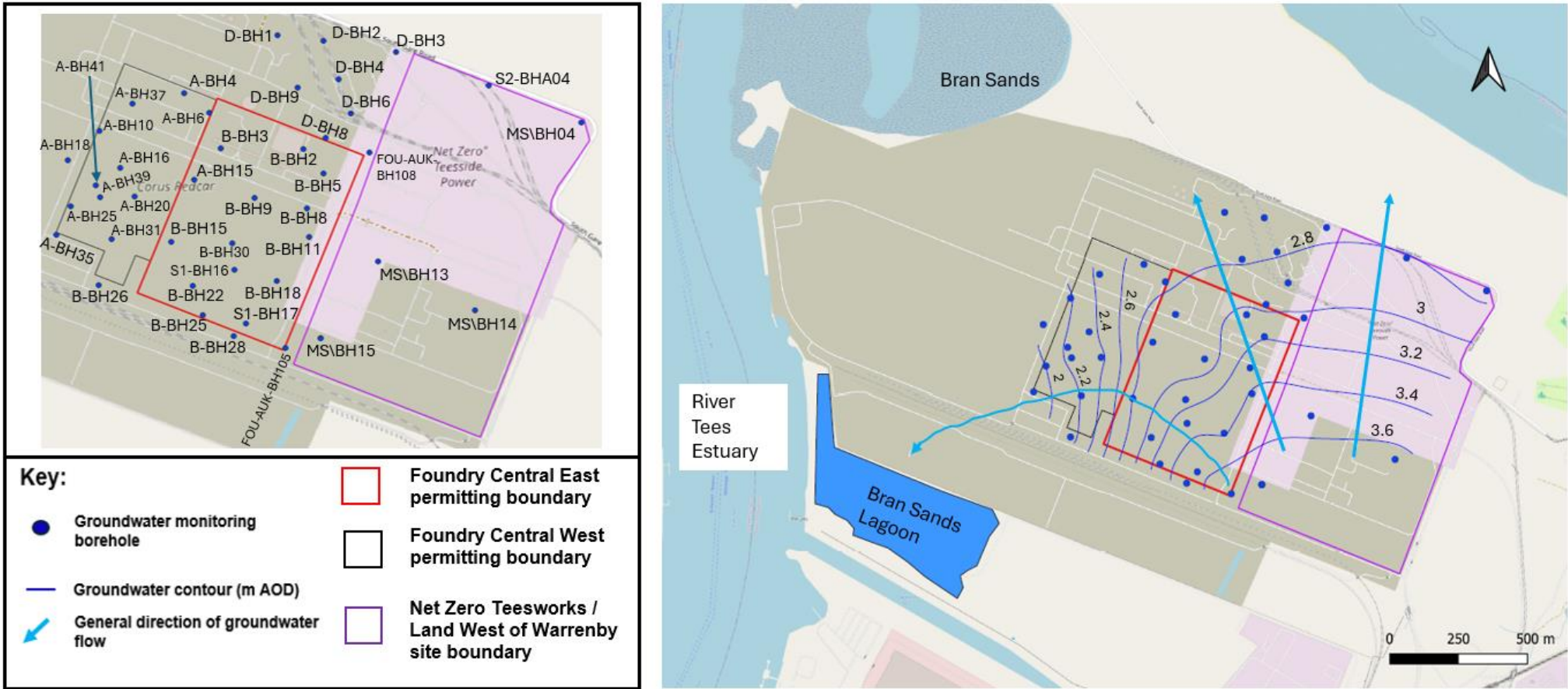
The groundwater elevations recorded in the bedrock units are similar to those recorded in the Made Ground and Tidal Flat Deposits, indicating negligible vertical movement of groundwater across these units.

The hydrogeological regime is relatively simple, therefore, with groundwater within the Made Ground, Tidal Flat Deposits and Glacial Till (where present) representing a shallow water table aquifer supported above the less permeable mudstone bedrock strata below.

2.5.6 Groundwater Flow Direction

Groundwater contours have been produced using the groundwater level data in the Made Ground and Tidal Flat Deposits at the Site and northern Teesworks area as shown in Figure C. The exception to this, is the D-BH and FOU-AUK series boreholes, which are not shown on Figure C. These boreholes were only monitored on 18 March 2025 to provide an understanding of the groundwater flow directions in the northern Teesworks area. Groundwater contours have been produced using groundwater level data recorded on 18 March 2025 as shown on Figure F.

Figure F Groundwater contours for groundwater levels recorded in the Made Ground and Tidal Flat Deposits on 18 March 2025 across the Site and northern Teesworks Area



The groundwater configuration for 18 March 2025 in Figure F shows:

- The groundwater flow beneath NZT is to the north and north-north-east, towards the coastline, with a hydraulic gradient of approximately 0.001;
- Across much of the Site the general groundwater flow direction is to the northwest, towards the Tees estuary, with a slightly higher gradient of 0.002; however
- On the southern and western margins of the Site the hydraulic gradient is between 0.002 and 0.003. The general direction of groundwater flow in these areas and also beneath FCW, is to the west and south-west, towards Bran Sands Lagoon.

2.5.7 Tidal Response

Pressure transducers were installed by AECOM in on-Site monitoring wells screening the Tidal Flat Deposits (A-BH15S, and B-BH15S) and Mercia Mudstone Group (A-BH15D and B-BH15D). The pressure transducers were active between August and October 2023.

Review of the groundwater elevations monitored across a period of approximately three months indicated no tidal influence within the superficial deposits. Within the bedrock, data from monitoring well B-BH15D showed a tidal response. The monitoring data (Raw AECOM data interpreted by Arcadis) is presented graphically within Appendix E.

2.5.8 Aquifer Permeability

In-situ aquifer permeability tests were conducted by a third party and provided to Arcadis by AECOM. The tests comprised rising head tests and were completed in both the shallow and deep wells at locations B-BH8, B-BH18, B-BH27, B-BH2, B-BH3 and B-BH30 which screen the Tidal Flat Deposits and bedrock, respectively. The results of the rising head tests are summarised in Table E below and contained within Appendix F.

Table E - Summary of hydraulic conductivities calculated based on *in-situ* permeability testing

Geology	Hydraulic conductivity (m/day)	
	Wider Teesworks area	Site
Made Ground	2.1 – 17.6	N/A
Tidal Flat Deposits	0.56 – 9.24	0.24 – 3.07
Glacial Till	0.007 – 0.025	N/A
Penarth Group	N/A	N/A
Redcar Mudstone Formation	0.01 – 5.33	0.0046 – 0.021
Mercia Mudstone Group	0.00023 – 2.4	0.0056 – 1.08
N/A – no testing undertaken		

The test results show hydraulic conductivities are greatest in the Made Ground and Tidal Flat Deposits. It is noted that in comparison to literature values for a mudstone, the upper end of the permeabilities calculated for the Redcar Mudstone Formation and the Mercia Mudstone Group are higher than expected. The unexpectedly high permeabilities may be the result of drilling induced fracturing of the mudstone in close proximity of the wells. Based on this, it is considered that the mudstone would not support significant groundwater flow (or the yields likely required for a viable abstraction).

2.5.9 Aquifer Salinity

Chloride concentrations in the Tidal Flat Deposits below the Site range between 24 and 12,700mg/l with an average concentration of 2,099mg/l. By way of comparison, chloride concentrations in UK seawater are typically about 19,000mg/l, whilst those above 1,000mg/l are typically considered to be brackish and the UK Drinking Water Standard (DWS) is 250mg/l. Thus, groundwater beneath the Site is generally brackish.

The source of the high chloride concentrations on Site has not yet been identified. It may represent remanent chloride concentrations in the Tidal Flat Deposits or an anthropogenic source, potentially related to Blast Furnace Slag.

3 Conceptual Site Model

A hydrogeological conceptual model plan is presented as Figure 5 and details the source-pathway-receptor relationships identified, which are described below.

3.1 Receptors

3.1.1 Surface Water

Groundwater at the Site flows north to northwest to west-northwest. For groundwater flowing north at the Site, the receptor is the coastline located approximately 900m at its closest point (high tide). Groundwater flow to the northwest is likely towards the Bran Sands (mouth of the estuary) located approximately 770m at its closest point. The component of flow to the west-northwest is toward FCW which is adjacent to the Site. At FCW, the groundwater flow direction changes to the southwest toward Bran Sands Lagoon. The lagoon is located approximately 500m southwest of the Site at its closest point, which is hydraulically downgradient. The lagoon is likely to be in hydraulic continuity with the adjacent estuary of the River Tees and the North Sea into which it flows. As groundwater will flow to the southwest once leaving Site, Bran Sands Lagoon is considered the closest primary surface water receptor.

Although a groundwater flow varies across the Site, the ultimate receptor remains the same: the North Sea via the estuary. Bran Sands Lagoon, the closest surface water receptor with hydraulic connectivity to the estuary, has been identified as the worst-case scenario receptor.

3.1.2 Groundwater

Groundwater within the underlying superficial deposits (primarily Tidal Flat Deposits) is considered a potential receptor. There is negligible vertical groundwater movement across the boundary between the superficial and bedrock units as discussed in 2.5.5.

The Site is not located within a groundwater Source Protection Zone (SPZ). While the designation of the underlying Secondary aquifer units means they are considered potential receptors, abstraction from these units is unlikely in the future due to the aquifer quality given the industrial history of the Site and its surroundings and the brackish nature of the underlying groundwater. The resource potential for these aquifers is therefore very low.

3.2 Pathways

The potentially active fate and transport pathways for controlled waters receptors are presented on Figure 5 and include:

- Leaching of substances from recovered materials through the unsaturated zone into groundwater; and
- Lateral migration of substances within groundwater.

The depth of the planned excavations is within the unsaturated zone. Therefore, a thickness of unsaturated zone is planned to remain beneath the recovered materials. However, given the limited thickness of this material and natural fluctuations in the groundwater table, the attenuation of any leached substance in the unsaturated zone is likely to be minor.

Off-Site lateral migration is conceptualised within the underlying Made Ground and natural granular Tidal Flat Deposits as shown in Figure 5 based on the review of resting water levels in 2.5.4.

3.2.1 Potential Preferential Pathways

In addition to the above pathways, the Phase 1 Environmental Assessment [Arcadis 2024a] identified the potential for shallow tunnels to be present and also the potential for relic pile foundations. These features, if present, may represent preferential pathways effecting the current condition of the Site. However, contaminant distribution data does not indicate this at present. Relic structures will only be removed below the planned dig level of 4.6m AOD if required following consultation with STDC and the site tenant. It is likely some relic structures, and most piles (if present) will remain in place.

A deep-water outfall access shaft is located approximately 15m north of the Site, this is linked to a tunnel at depth (understood to be >40m) that discharged cooling process water from the Power Station to the North Sea via an outfall ~1km off-shore. This feature is considered a low-risk preferential pathway for Contaminants of Concern (CoC) as the tunnel is assumed to be in good condition given the recent operation of the Site and the design requirements of such a structure.

3.3 Sources

The sources considered in this HRA include the following wastes proposed for recovery, referred to below as “potential recovered materials”. The potential recovered materials proposed for use as engineered backfill at the Site originate from either the Site, the wider Teesworks area or from the Woodsmith Project Tunnel. As indicated in the table below, the potential recovered materials fall into five categories; slag containing Made Ground, sand fill, concrete, refractory brick and mudstone. A brief description of the potential recovered materials is also included in the table below.

Table F - Potential Recovered Materials

Potential Recovered Material	Description
Foundry Central East Made Ground	Slag containing Made Ground from within permit boundary
Foundry Central East Made Ground	Sand Fill Made Ground from within permit boundary
Foundry Central West Made Ground	Slag containing Made Ground from wider Teesworks area
Steel House Made Ground	Slag containing Made Ground from wider Teesworks area
Land West of Warrenby Made Ground	
South Bank Quay Made Ground	
Refractory Brick	Demolition activities
Concrete	
Mudstone	Potential recovered mudstone from the works associated with the construction of the Woodsmith Project Tunnel.

The sources of potential recovered materials are discussed in turn below, including a description of the potential recovered materials, potential sources (if any) associated with the origin site, and chemical characterisation.

This section has been informed with reference to the Industry Profile Metal Manufacturing Refining and Finishing Works – Iron and Steelworks, Gas Works, Coke Works, Coal Carbonisation Plants, and Railway Land produced by the Department of the Environment 1995.

3.3.1 Foundry Central East

Potential recovered materials from Foundry Central East (i.e. the Site) has been split into two broad material types:

- Made Ground
- Sand Fill

Multiple intrusive investigations have been completed across Foundry Central East (details in Section 2). Additional supporting information, summarised below, is provided in digital data Annex A; including laboratory certificates of analysis, borehole and trial pits logs and investigation locations plans.

Characterisation of the potential recovered materials from Foundry Central East, including potential CoC associated with the material, are provided in the sections below.

3.3.1.1 Material Description

A detailed geological description of these materials is provided in Section 2.4.2.

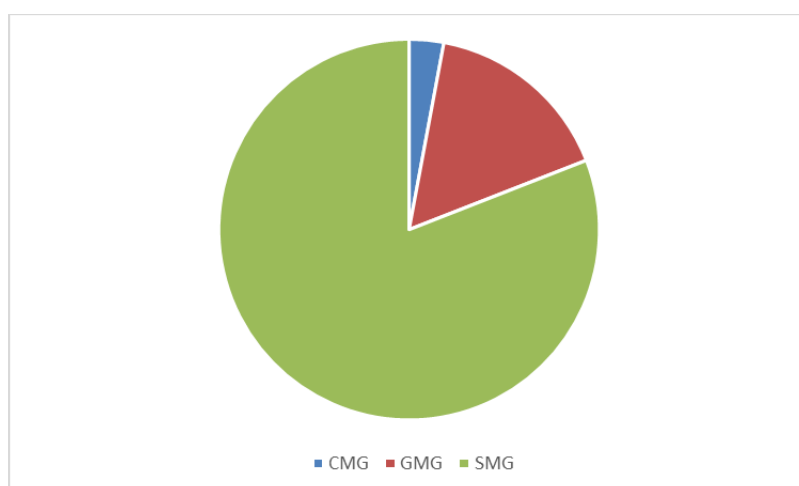
In brief, Made Ground to be potentially used as a recovered material comprises slag containing material intermixed with other types of manmade fragments including brick (masonry and refractory), concrete, coal, sandstone, and clinker and with varying amounts of clay, cobbles and gravel.

Made Ground to be used as a recovered material does *not* include unsuitable materials such as Non Aqueous Phase Liquid (NAPL), localised hotspots and waste materials such as wood, metal and plastic which are to be removed during material processing and recovery.

Made Ground from Foundry Central East has been categorised in Section 2.4 into three categories; two of these (SMG and GMG) are similar; the primary differentiator is the varying quantities of slag within them, although both contain notable amounts of slag. The third, CMG, is more cohesive and, although not the dominant component, slag is often present.

It is intended that the Made Ground is treated as a single material type. This is on the basis that the majority is of similar composition (SMG and GMG), and the remaining (CMG) is of a relatively minor quantity, which will be used in the same manner and cannot necessarily be readily segregated. An illustration of the composition of Made Ground, based on the descriptions of soil samples taken, is presented below.

Figure G Foundry Central East: Classification of Samples from Made Ground



Additionally, Sand Fill is described as loose yellowish-brown sand with occasional shell fragments. Some of the Sand Fill may potentially be from dredging activities in the River Tees.

3.3.1.2 Sources

A number of potential sources associated with the historical use of the Site have been identified both on-Site and off-Site. In brief, these include Made Ground both on and off-Site, which comprises varying quantities of slag, on and off-Site historical industrial land uses associated with iron and steel making, substations, a heavy fuel oil pipeline, and coke oven gas main, Redcar Blast Furnace, Power Station and associated infrastructure, HFO, Sand Fill and railways.

Analytical testing of soils, soil leachate and groundwater has incorporated the following potential CoC based on the identified sources: metals, total petroleum hydrocarbons (TPH), pH, sulphate, sulphur, sulphide, cyanides, thiocyanide, orthophosphate, inorganic nitrogen, polyaromatic hydrocarbons (PAH), volatile organic compounds (VOC), semi volatile organic compounds (SVOC), phenols, polybrominated ethers, organotins, glycols, polychlorinated biphenyls (PCBs) and asbestos (soil only).

The potential historical sources are presented on Figure 2. These are identified in addition to Made Ground and represent more localised potential sources of historical contamination.

In addition to the above, it is important to note that certain substances are naturally occurring in the environment as well as potentially present as a result of anthropogenic sources. This includes metals, PAH (which could be present as a result of the underlying geology) and certain inorganics (e.g. sulphate, which is a major ion in seawater).

A table of on-Site identified sources is presented below.

Table G - Foundry Central East Potential Recovered Materials: Potential CoC

Source	Potential Contaminants of Concern
Made Ground (mainly slag)	Contaminants include metals, asbestos, hydrocarbons (TPH), PAH, pH (acids alkalis) sulphate, sulphur, sulphide, cyanides, thiocyanide, orthophosphate, inorganic nitrogen. Bulk gases (methane, carbon dioxide) if organic matter present.

Source	Potential Contaminants of Concern
Power station and associated infrastructure	Asbestos, pH (acids and alkalis), heavy metals, TPH, PAH, polychlorinated biphenyls (PCB), VOCs, SVOCs.
Stocking Areas	Heavy metals, PAH, pH (acids alkalis) sulphate, sulphur, sulphide.
Heavy Fuel Oil Pipeline	Asbestos, TPH, PAH.
Coke Oven Gas and Blast Furnace Gas Infrastructure	Asbestos, TPH, PAH, benzene, toluene, ethylbenzene and xylenes (BTEX), cyanides, thiocyanate, glycols are used in natural gas processing and have been included.
Railways	Asbestos, hydrocarbons, ash, PAH, sulphates, PCBs
Sand Fill	Unlikely to be a significant source of contamination. However, it is noted that organotin compounds, cypermethrin (associated with pesticides) and polybrominated ethers are of current concern to the Environment Agency based on Water Framework Directive sampling in the Tees. Given the most likely source of the Sand Fill is the River Tees these compounds are included as a precaution.

3.3.1.3 Chemical Characterisation

Samples from the potential recovered materials, Made Ground and Sand Fill, have been obtained by intrusive investigations across Foundry Central East during the multiple phases of investigation. Samples obtained have been tested for both soil and soil leachate analysis with the analytical strategy covering CoC identified in the CSM relating to both Made Ground and historical on-Site uses.

The results of the laboratory analytical data for soil and soil leachate are presented in 1 to G.4. Further details, including laboratory certificates of analysis and investigation location plans are presented in digital data Annex A. The reported laboratory deviations have also been reviewed and are reported in Annex A. These are not considered to have a material impact on the quality of data reported.

As the chemical characterisation data originates from site investigations (as opposed to stockpile sampling of excavated material), the spatial distribution remains relevant to understanding the heterogeneity of the recovered material.

The contaminant distribution laterally across the Site and vertically throughout the geological profile (i.e. aquifer units) is further discussed below.

Metals and Inorganics

Metals and inorganic species are found throughout the potential recovered material in soil and soil leachate. This is likely primarily due to the presence of slag within Made Ground, albeit some substances including sulphate could also be present as a result of natural sources including seawater, particularly given the proximity to the sea and given that the land is reclaimed.

In general, the distribution of metals and inorganics is relatively well dispersed across the potential recovered material, but isolated higher concentrations have been identified. Generally, however, the presence of metals and inorganics in soils is considered to be primarily associated with slag within the Made Ground.

Organic Compounds

Measured concentrations of PAH and TPH are found throughout the potential recovered material, as presented on Figures for soil leachate.

Generally, concentrations of TPH in leachate and groundwater across the Site are between below the detection limit and 500µg/l. However, a maximum sum TPH concentration was measured at 49,381µg/l in leachate from the potential recovered material. The maximum value was from B-BH6 in the north-east of the Site in the vicinity of the former Blast Furnace and Power Station.

The highest sum PAH was 83µg/l from S1-BH10, located in the south-east of the Site in the vicinity of the former Ore Stocking Area. Concentrations >10mg/kg are distributed across the Site from granular and slag rich Made Ground, although the majority of concentrations from Made Ground are less than 1mg/kg and almost all samples from natural units are <0.1mg/kg.

3.3.2 Foundry Central West Made Ground

Potential recovered materials from FCW comprise Made Ground. Multiple intrusive investigations have been completed across FCW into the Made Ground to be potentially used as a recovered material including:

Table H - Foundry Central West: Intrusive Investigations relating to Potential Recovered Materials

Investigation	Scope
Enviros 2004 Soil and Groundwater Baseline Characterisation Study, Teesside Works [Enviros 2004]	• 7No Trial Pits.
CH2M-SSI1 2017 SSI- Redcar-SSI 1 Factual Report [CH2M 2018]	• 24No trial pits (max 5.00m) • Covers areas south of Red Main road, generally away from structures.
Arcadis 2024 Phase 1 desk study & Contaminated Land Generic Quantitative Risk Assessment [Arcadis, 2024a & 2024b]	• Trial pits (32no.).

3.3.2.1 Material Description

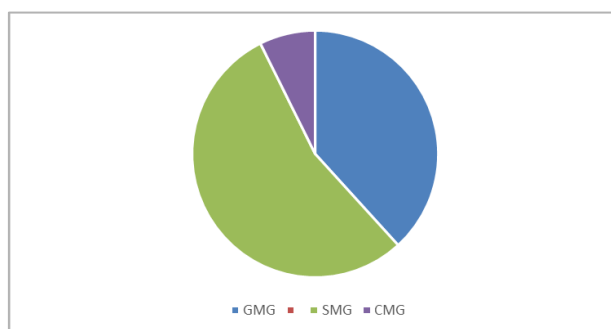
In brief, Made Ground to be potentially used as a recovered material comprises slag containing material intermixed with other types of manmade fragments including brick (masonry and refractory), concrete, coal, sandstone, and clinker and with varying amounts of clay, cobbles and gravel.

Made Ground to be used as a recovered material does *not* include unsuitable materials such as NAPL, localised hotspots and waste materials such as wood, metal and plastic which are to be removed during material processing and recovery. In order to achieve this, the potential recovered material will be subject to a remediation process including visual assessment and asbestos picking process, segregation of non-compliant materials, screening, crushing, and sampling to ensure it is compliant with earthworks specification. Non-compliant material will either be sent for off-site disposal or to an off site treatment facility.

Similarly to Foundry Central East, Made Ground from FCW has been categorised into three categories; SMG, GMG and CMG, the primary differentiator is the varying quantities of slag within them. In line with Foundry Central East Made Ground, it is intended that the Made Ground is treated as a single material type. This is on the basis that the majority is of similar composition (SMG and GMG), and the remaining (CMG) is of a relatively minor quantity, which will be used in the same manner and cannot necessarily be readily segregated. An

illustration of the composition of Made Ground, based on the descriptions of soil samples taken, is presented below.

Figure H Foundry Central West: Classification of Samples from Made Ground



3.3.2.2 Sources

A number of potential sources associated with the historical use of FCW have been identified both on-site and off-site. In brief, these include Made Ground both on and off-site, which comprises varying quantities of slag, on and off-site historical industrial land uses associated with iron and steel making, substations, a heavy fuel oil pipeline, and coke oven gas main, railways, the RCO, and the material handling plant (MHP) infrastructure including flux and coal bunkers.

Analytical testing of soils, soil leachate and groundwater has incorporated the following potential CoC based on the identified sources: metals, TPH, pH, sulphate, sulphur, sulphide, cyanides, thiocyanide, orthophosphate, inorganic nitrogen, PAH, VOC, SVOC, phenols, polybrominated ethers, organotins, glycols, PCBs and asbestos (soil only).

Certain substances are naturally occurring in the environment as well as potentially present as a result of anthropogenic sources. This includes metals, PAH (which could be present as a result of the underlying geology) and certain inorganics (e.g. sulphate, which is a major ion in seawater).

A table of identified sources is presented below.

Table I - Foundry Central West Potential Recovered Materials: Potential CoC

Source	Potential Contaminants of Concern
Made Ground (mainly slag)	Contaminants include metals, asbestos, hydrocarbons (TPH), PAH, pH (acids alkalis) sulphate, sulphur, sulphide, cyanides, thiocyanide, orthophosphate, inorganic nitrogen. Bulk gases (methane, carbon dioxide) if organic matter present.
Redcar Coke Ovens (northern third of site) - Oven Batteries - Quench Tower - Oil Tanks - Settling Tanks - Coke Oven Gas (COG) Infrastructure - Substations	Asbestos, pH, metals, cyanides, thiocyanide, sulphate, TPH including coal tar, benzene, toluene ethylbenzene and xylenes (BTEX), phenols, PAH including naphthalene, VOC and SVOC, PCBs, phenols, inorganic nitrogen. Glycols are used in natural gas processing and have been included due to COG.
Coal and Ore Processing Plants Ore bunker	

Source	Potential Contaminants of Concern
• Flux Bunker • Coal Bunker / Crushing • Conveyors • Material stockpiling • Substations	Asbestos, pH, metals, cyanides, thiocyanide, sulphate, lubricants (TPH and PAH), PCBs, sulphates, sulphur, sulphides.
Railways	Asbestos, hydrocarbons, ash, PAH, sulphates, PCBs.
Heavy Fuel Oil Pipeline	Asbestos, TPH, PAH.

3.3.2.3 Chemical Characterisation

Samples from the potential recovered materials have been obtained by intrusive investigations across FCW during the multiple phases of investigation. Samples obtained have been tested for both soil and soil leachate analysis with the analytical strategy covering CoC identified in the CSM relating to both Made Ground and historical uses.

The results of the laboratory analytical data for soil and soil leachate are presented in Appendix H.1 to H.2. Further details, including laboratory certificates of analysis and investigation locations plans are presented in digital data Annex A. The reported laboratory deviations have also been reviewed and are reported in Annex A. These are not considered to have a material impact on the quality of data reported.

Metals and Inorganics

Metals and inorganic species are found throughout the potential recovered material in soil and soil leachate. This is likely primarily due to the presence of slag within Made Ground, albeit some substances including sulphate could also be present as a result of natural sources including seawater, particularly given the proximity to the sea and given that the land is reclaimed.

In general, the distribution of metals and inorganics is relatively well dispersed across the potential recovered material, but isolated higher concentrations have been identified. Generally, however, the presence of metals and inorganics in soils is considered to be primarily associated with slag within the Made Ground.

Organic Compounds

Measured concentrations of PAH and TPH are found throughout the potential recovered material.

Concentrations within the potential recovered material had a maximum sum TPH concentration measured at 679mg/kg from FOU_AUK_TP127 in the north-west of the Site in the vicinity of the former RCO. Concentrations of TPH across FCW were typically dominated by the C16-C21 range aliphatic and aromatic carbon bands.

The highest sum PAH was 45mg/kg from FOU_AUK_TP105 (0.2m bgl – Made Ground), located in the north-east of FCW in the vicinity of the former RCO. Similar concentrations >10mg/kg are distributed across the Site from granular and slag rich Made Ground, although the majority of concentrations from Made Ground are less than 1mg/kg.

3.3.3 Steel House

Potential recovered materials from Steel House comprise Made Ground. The potential recovered materials are from mounds present on the Steel House site. During the 1970's material was placed across the site area, creating the landscaped mounds.

Multiple intrusive investigations have been completed across Steel House into the Made Ground to be potentially used as a recovered material including:

Table J - Steel House: Intrusive Investigations relating to Potential Recovered Materials

Ground Investigation	Summary
[Arcadis 2022] Reported in: 10047374-AUK-XX-XX-RP-ZZ-0524-02-Steel House East Mounds GI	Progressed 14no. trial pits into a large, landscaped mound overlying the centre of the site (central mound) to depths between 2.50 and 4.80m bgl.
[Arcadis 2023a] Reported in: 10047374-AUK-XX-XX-CO-ZZ-707-1- SHO Additional Trial Pits Jan 2023 Memo	24no. additional trial pits were excavated across the central mound within the Park and Ride plot. These trial pits were excavated to between 2.00 and 5.00m bgl.
[Arcadis 2023b] Reported in: 10047374-AUK-XX-XX-CO-ZZ-706-01-SHO Pre GI Trial Pits – Phase 1 Eastern Mound Memo	5no. trial pits were excavated across the eastern mound to depths between 3.00 and 4.50m bgl.

Additional supporting information, summarised below, is provided in digital data Annex A; including laboratory certificates of analysis, borehole and trial pits logs and investigation locations plans.

Characterisation of the potential recovered materials from Steel House, including potential CoC associated with material, are provided in the sections below.

3.3.3.1 Material Description

Potential recovered materials from Steel House comprise Made Ground. This was encountered during intrusive investigations predominantly comprising a granular material consisting of cobbles and boulders of slag with occasional brick (including masonry and refractory bricks) and ash noted. Made Ground encountered was typically observed as sandy gravel consisting of cobbles and boulders of slag with occasional brick (including masonry and refractory bricks), metal, glass, and concrete fragments. Within the central mound, woven fabrics and other textiles, plastic fragments and sheeting, rope fragments, gaskets, ceramics, rubber (tyres and shoes), clinker and wood fragments were also identified. Occasional fragments of steel and igneous rock were also observed along with pockets of clay.

A limited amount of cream coloured granular material has also been identified (~2% of samples) and is thought to represent layers of re-worked Tidal Flat Deposits.

It is intended that the Made Ground is treated as a single material type. This is on the basis that the majority is of similar composition.

Made Ground potentially to be used as a recovered material does not include unsuitable materials or substances such as NAPL, and waste materials such as wood, metal and plastic which are to be removed during material processing and recovery. In order to achieve this, the potential recovered material will be subject to a remediation process including visual assessment and asbestos picking process, segregation of out of compliant materials, screening, crushing, and sampling to ensure it is compliant with earthworks specification. Non-compliant material will either be sent for off-site disposal or to an off site treatment facility.

3.3.3.2 Sources

Potential CoC identified within recovered materials are presented in the table below and relate to both the Made Ground and historical uses of the Steel House site.

Table K - Steel House Potential Recovered Materials: Potential CoC

Source / PAOC	Potential Contaminants of Concern
Made Ground including landscape mounds (mainly slag)	Contaminants include heavy metals, asbestos, hydrocarbons (TPH), PAH, pH (acids, alkalis) sulphate, sulphur, sulphide, cyanides, thiocyanide, orthophosphate, inorganic nitrogen.
Railways & sidings	Asbestos, metals, hydrocarbons (TPH), VOC, SVOC, PAH, phenol, sulphates, pH & PCBs
Substations	Asbestos, hydrocarbons (TPH), PAH, PCBs

3.3.3.3 Chemical Characterisation

Samples from the Made Ground have been obtained by intrusive investigations across Steel House during the multiple phases of investigation. Samples obtained have been tested for both soil and soil leachate analysis with the analytical strategy covering CoC identified in the CSM relating to both Made Ground and the historical use of the Steel House site.

The results of the laboratory analytical data for soil and soil leachate are presented in Appendix I.1 and I.2. Further details, including laboratory certificates of analysis and investigation locations plans are presented in digital data Annex A. The reported laboratory deviations have also been reviewed and are reported in Annex A. These are not considered to have a material impact on the quality of data reported.

3.3.3.4 Tentatively Identified Compounds

A review has been undertaken of the compounds reported as Tentatively Identified Compounds (TICs) by SVOC and VOC analysis to assess if any additional contaminants (and potential sources) are present in addition to those identified by quantified analysis. As discussed in Section 3.3.1.4, results reported for TIC is semi-quantitative.

A total of 172 compounds were identified in soil and 13 in soil leachate by TIC analysis. The results of the TIC analysis on soil are presented in Appendix I.3 and soil leachate in Appendix I.4.

As part of the review of TIC, the compounds reported have been grouped by general descriptions. A description of chemical groups has also been undertaken based on their structure and functional groups. The compounds identified in soil and soil leachate include hydrocarbons, complex organics, PAH, a single pesticide and a sulphur derivative, which currently form part of the suite of quantified analysis at the Site. Other compounds identified were generally related to hydrocarbons or derivative of PAH and a single chloroalkane derivative. As such the TIC are considered appropriately assessed by the indicator bands and compounds for VOC, inorganics, total petroleum hydrocarbon criteria working group (TPH CWG) and PAH and do not require further consideration.

3.3.4 Land West of Warrenby Made Ground

Potential recovered materials from Land West of Warrenby comprise Made Ground. The potential recovered materials are from stockpiles present at Land West of Warrenby, excavated and processed during recent redevelopment works. Similarly to the planned processing to be undertaken on the on-Site Made Ground and FCW Made Ground, Land West of Warrenby stockpiled Made Ground will also be processed by crushing, screening, blending and stabilisation and the removal of materials not compliant with the earthworks specification to recover these materials.

The Made Ground is of a similar origin and composition to Foundry Central East Made Ground as it is a nearby site which was also created by reclaiming land from the estuary with primarily slag rich Made Ground, and at a similar time to the Foundry Central East Site.

Available data is from stockpile sampling during the redevelopment works and includes available leachate data along with associated soil data.

Additional supporting information, summarised below, is provided in digital data Annex A; including laboratory certificates of analysis.

Characterisation of the potential recovered materials from Land West of Warrenby, including potential CoC associated with material, are provided in the sections below.

3.3.4.1 Material Description

Made Ground to be potentially used as a recovered material comprises slag containing material intermixed with other types of manmade fragments including brick, concrete, coal, sandstone, and clinker and with varying amounts of clay, cobbles and gravel.

Similarly to the on-Site Made Ground and FCW Made Ground, Made Ground from Land West of Warrenby has been categorised into three categories; SMG, GMG and CMG, the primary differentiator is the varying quantities of slag within them. In line with Foundry Made Ground, it is intended that the Made Ground is treated as a single material type.

3.3.4.2 Sources

Potential CoC identified within recovered materials are presented in the table below and relate to both the Made Ground and historical uses of the Land West of Warrenby site.

Table L - Land West of Warrenby Potential Recovered Materials: Potential CoC

Source / PAOC	Potential Contaminants of Concern
Former industrial uses – iron and steel making plant(s) - Blast Furnace Stockhouse (western portion of the Site); - Workshop / stores (central portion of the site) - D Jones Haulage and Construction (vehicle storage and maintenance – located in the eastern portion of the Site) with Tube city IMS [former on-site service provider] occupying this area prior to this - RDL Stores (eastern portion of the Site) - Pellet Plant (southeastern portion of the Site); - Sinter Plant and sinter stocking area (southern portion of the Site) - Pre 1970 steel plant (central portion of the Site extending into the north-east of the Site) - Iron ponds & disposal area (northeast of the Site);	Asbestos Metals pH, cyanide, thiocyanate, orthophosphate, ammonia, sulphur, sulphide, sulphate, inorganic nitrogen, orthophosphate TPH including tar, phenols, PAH VOC and SVOC particularly in areas of maintenance and workshop activities, and in vicinity of storage tanks.

Source / PAOC	Potential Contaminants of Concern
Above ground storage tanks (various – central eastern portion of the Site and additionally southern portion of the Site);	
Macadam works (northern portion of the Site).	Asbestos, TPH and tars, BTEX, phenols, PAH, VOC, SVOC
Heavy Fuel Oil Line	TPH, BTEX, PAH, asbestos
Coke Oven Gas Main	TPH, BTEX, PAH, cyanides, thiocyanate, asbestos
Railways (and potential for spills associated with transport of materials – primarily in the northern portion of the Site);	Asbestos, hydrocarbons (TPH), ash, PAH, phenol, sulphates, PCBs*
Substations (central portion of the Site)	Asbestos, hydrocarbons (TPH), PAH, PCBs*
Material Storage – Coal/coke breeze, ore, pellet, and sinter	PAH and metals

*Identified in desk study only. Analytical CoC list refined following intrusive investigation and PCBs not tested for subsequently. PCB below method detection limit (MDL) in leachate.

3.3.4.3 Chemical Characterisation

Samples from the Made Ground have been obtained by stockpile sampling. Samples obtained have been tested for both soil and soil leachate analysis with the analytical strategy covering CoC identified in the CSM relating to both Made Ground and the historical use of the site.

The results of the laboratory analytical data for soil and soil leachate are presented in Appendix J.1 and J.2. Further details, including laboratory certificates of analysis and investigation locations plans are presented in digital data Annex A.

3.3.5 South Bank Quay Made Ground

Potential recovered materials from South Bank Quay comprise Made Ground. The potential recovered materials are from stockpiles present at South Bank, excavated and processed during recent redevelopment works. Similarly to the planned processing to be undertaken on the on-Site Made Ground and FCW Made Ground, South Bank stockpiled Made Ground has been processed by crushing, screening, blending and stabilisation and the removal of materials not compliant with the earthworks specification to recover these materials.

The Made Ground is of a similar origin and composition to the on-Site Made Ground and FCW Made Ground as it is a nearby site which was also created by reclaiming land from the estuary with primarily slag rich Made Ground. However, the reclamation of the area of South Bank is older than the Foundry Central East Site and the thickness of Made Ground also greater.

Available data is from stockpile sampling during the redevelopment works and includes available leachate data along with associated soil data.

Additional supporting information, summarised below, is provided in digital data Annex A; including laboratory certificates of analysis.

Characterisation of the potential recovered materials from South Bank Quay, including potential CoC associated with material, are provided in the sections below.

3.3.5.1 Material Description

Made Ground to be potentially used as a recovered material comprises slag containing material intermixed with other types of manmade fragments including brick, concrete, coal, occasional clinker, coke, coal and refractory materials.

3.3.5.2 Sources

Potential CoC identified within recovered materials are presented in the table below and relate to both the Made Ground and historical uses of the South Bank Quay site.

Table M - South Bank Quay Potential Recovered Materials: Potential CoC

Source / PAOC	Potential Contaminants of Concern
Made Ground including Slag deposits	Metals including heavy metals and refractory materials, PAHs, cyanide, thiocyanate, sulphate, pH, ammonia, and asbestos
HFO Tanks	Asbestos, TPH, PAH, (tanks also understood to have contained ammonia liquor)
Stocking areas, railways and sidings	Metals, asbestos, TPH, PAH, VOC*, SVOC*, PCB*, and pH
Above ground storage tanks (various) and HFO	TPH, PAH, VOC*, SVOC*, pH
Transformers and substations	Asbestos, TPH, PAH, and PCBs*
Tarmac Leasehold	Metals, asbestos, TPH, PAH, VOC* and SVOC*

*Identified in desk study only. Analytical CoC list refined following intrusive investigation and PCBs, SVOC and VOC not tested for subsequently. PCB below MDL. SVOC and VOC below MDL in leachate with exception of those related to petroleum hydrocarbons.

3.3.5.3 Chemical Characterisation

Samples from the Made Ground have been obtained by stockpile sampling. Samples obtained have been tested for both soil and soil leachate analysis with the analytical strategy covering CoC identified in the CSM relating to both Made Ground and the historical use of the site.

The results of the laboratory analytical data for soil and soil leachate are presented in Appendix K.1 and K.2. Further details, including laboratory certificates of analysis and investigation locations plans are presented in digital data Annex A.

3.3.6 Concrete and Refractory Brick

Concrete and refractory brick, arising from demolition works are additional potential recovered materials.

Additional supporting information, summarised below, is provided in digital data Annex A; including laboratory certificates of analysis.

3.3.6.1 Material Description

Both the concrete had been crushed and screened to a suitable earthworks specification, refractory bricks were tested whole.

3.3.6.2 Sources

Potential CoC identified within concrete and refractory brick are presented in the table below.

Table N - Concrete and Refractory Brick Potential Recovered Materials: Potential CoC

Source / PAOC	Potential Contaminants of Concern
Concrete	Contaminants include heavy metals, asbestos, hydrocarbons (TPH), PAH, sulphate, sulphur, sulphide, cyanides, thiocyanide.
Refractory Brick	Contaminants include heavy metals, asbestos, hydrocarbons (TPH), PAH, sulphate, sulphur, sulphide.

3.3.6.3 Chemical Characterisation

Samples from the concrete and refractory brick have been obtained by stockpile sampling. Samples obtained have been tested for both soil and soil leachate analysis with the analytical strategy covering CoC identified in the CSM.

The results of the laboratory analytical data for soil and soil leachate are presented in Appendix L.1 to L.4. Further details, including laboratory certificates of analysis and investigation locations plans are presented in digital data Annex A.

3.3.7 Mudstone from the Woodsmith Project Tunnel

Potential recovered materials from Woodsmith Project Tunnel comprise Mudstone. The recovered materials are natural arisings from the excavation/boring works associated with the construction of the tunnel: Mineral Transport Systems (MTS) Drive 1 and Drive 2. The excavations of the material have been occurring since 2021 to present.

Additional supporting information, summarised below, is provided in digital data Annex A; including laboratory certificates of analysis.

Characterisation of the potential recovered materials from the Woodsmith Project Tunnel, including potential CoC associated with material, are provided in the sections below.

3.3.7.1 Material Description

The potential recovered material from Woodsmith Project Tunnel is Mudstone from the Redcar Mudstone Formation. Detailed sample descriptions were not available at the time of writing.

3.3.7.2 Sources

No significant anthropogenic sources of contamination have been identified in relation to the Mudstone. The analytical strategy is based on the fact that the material is clean, naturally occurring from below the ground and comprised analysis of key metal species, inorganics and PAH. While these compounds can be present as a result of anthropogenic activities, it is noted that they are also naturally occurring.

3.3.7.3 Chemical Characterisation

Samples from the Mudstone have been tested for both soil and soil leachate analysis with the analytical strategy covering CoC identified in the CSM.

The results of the laboratory analytical data for soil and soil leachate are presented in Appendix M. Further details, including laboratory certificates of analysis and investigation locations plans are presented in digital data Annex A.

4 Hydrogeological Risk Assessment

4.1 Identification of Priority Substances

Based on the leachate data for the potential recovered materials, priority substances which will be modelled in the risk assessment have been identified. The review process has been undertaken in two stages:

- Screening of leachate data against relevant water quality standards
- Identification of appropriate indicator compounds

Leachate testing methods typically are used to represent worst-case conditions and, in many situations, are an overestimate of concentrations which may leach from soils due to infiltration alone. A more detailed discussion is provided in Appendix N. As such, the leachate concentrations used in the assessment add an additional level of conservatism.

The data used in the below assessment is taken from the datasets presented in Section 3.3.1 to 3.3.7. Further information on the datasets used is provided in Appendix O.

The classification of substances as hazardous or non-hazardous substances is based on 2018 UK Technical Advisory Group (UK TAG) confirmed hazardous substance list [UK TAG, 2018] and recent correspondence with the EA regarding updated status of a number of substances.

4.1.1 Initial Screening

A comparison of concentrations of substances measured within the potential recovered materials has been made to Water Quality Standards (WQS) including Environmental Quality Standards (EQS) (Estuaries and Coastal Water), Drinking Water Standards (DWS) and, for hazardous substances, Minimum Reporting Values (MRV), also referred to a Limit of Quantification (LoQ). A table of the DWS and EQS is presented in Appendix P which includes the source references of criteria used.

The MRV are taken from the 2016 UK TAG Technical Report on Hazardous Substances [UK TAG, 2016] and correspondence with the EA [email correspondence dated 19 August 2024].

The aim of the screening assessment is to provide focus to the HRA and eliminate the substances of lowest concern.

The substances which have been selected for further consideration fulfil at least one of the following criteria:

- Contaminants exceeding WQS in leachate.
- Contaminants measured above MDL in leachate with no WQS.

The substances which do not meet either of the above criteria are considered of very low concern in relation to the risk to groundwater from use of recovered materials.

Although the majority of substances are of no or low volatility, a limited number of potentially volatile substances were measured above MDL. As a general approach, volatile and semi-volatile substances are also considered of low concern if not measured above the WQS in leachate. Although some loss of volatiles may occur during leachate testing, it is considered a reasonable proxy for recovered materials given that some loss of volatiles would also be expected during handling, processing and backfilling.

To ensure a robust assessment that no substances are overlooked, and provide context to measured leachate concentrations, soil and (where relevant) underlying groundwater are also presented. Groundwater data is only presented in relation to Foundry Central East materials where these remain *in situ* and groundwater data is, therefore, considered relevant.

The substances measured about the laboratory MDL in either soil, soil leachate or (where relevant) groundwater are presented in the screening.

The screening process is presented in Tables 1a to 1i for the each of the nine potential recovered materials presented in Section 3.3 and includes simple descriptive statistics (maximum, minimum, mean, number of samples and percentage above laboratory MDL).

The results of the screening process indicate that multiple substances exceed the WQS in soil leachate including metals, inorganic species, TPH and PAH, VOC, SVOC and BTEX.

4.1.2 Indicator Substance Selection

Following the initial screening presented above, indicator compounds were selected from the list of substances identified as requiring further consideration. Table 2 presents the indicator selection process and includes a list of substances identified following screening, indicating the screening outcome for each of potential recovered materials.

The aim of the indicator substance selection is to select representative substances from each of the chemical species groups. Substances are selected based on their hazardous classification, known level of environmental concern, relative concentrations and availability of literature data to allow robust modelling. Literature data on mobility and hazardous indices (ratio of measured concentration to WQS) has been used to inform the assessment.

While the individual substance composition varies in each of the nine potential recovered materials assessed, the chemical groups present are broadly the same. Species such as metals, inorganics and PAH are present at concentrations warranting further assessment across all the materials assessed. As such, a single list of indicator substances has been defined which will be used for the risk assessment of all nine potential recovered material types. Table O below summarises the outcome of the indicator compound selection process.

Table O - Selected Indicator Substances

Chemical Group	Substance	Hazardous Substance Classification
Metals	Arsenic	Hazardous
	Chromium (VI)	Hazardous
	Lead	Hazardous
	Mercury	Hazardous
Inorganics	Ammoniacal nitrogen	Non-hazardous
	Total cyanide	Non-hazardous
PAH	Naphthalene	Non-hazardous
	Benzo(a)pyrene	Hazardous
BTEX	Benzene	Hazardous

To understand the difference in composition between the different potential recovered materials, where present, leachate data has been presented on a series of box and whisker plots in Appendix Q for the selected indicator compounds.

4.1.3 Source Concentration Characterisation

As can be seen in the box and whisker plots in Appendix Q, measured leachate concentrations are present at a range of concentrations. Each of the different potential recovered materials typically has a high level of variability within it.

To further characterise the concentration profile of each of the substances within the separate potential recovered materials, simple descriptive statistics are presented in Table 3. These statistics have been developed with reference to the box and whisker plots to understand the distribution and potential for atypical or outlier concentrations.

The simple descriptive statistics will be used to inform the source term concentrations modelled.

Review of the data and composition of the potential recovered materials did not identify potential sub-categories of material types which may account for atypical concentrations. The materials are heterogeneous in nature and, particularly for Made Ground, are formed of a range of materials, as described in Section 3.3. This heterogeneity is considered to account for the variations in concentrations.

Notwithstanding the above, a number of potentially atypical concentrations were identified. As these are not confirmed as outliers, they remain within the descriptive statistics. However, they may warrant further consideration when evaluating model outputs. Atypical concentrations identified include maximum concentrations of ammoniacal nitrogen within FCW Made Ground, up to two orders of magnitude higher than the second highest concentrations within this material (albeit concentrations up to 15.5µg/l were measured in other material types). The maximum arsenic concentration recorded within the FCE Made Ground is an order of magnitude higher than the other concentrations recorded with the average concentration calculated as 1.49µg/l. Lead within the brick is also several orders of magnitude higher in a relatively small proportion of samples (three above MDL at maximum of 2,044µg/l, remaining 34 samples are less than MDL of 5µg/l).

4.1.4 Background

Measured concentrations in groundwater underlying the Site (monitoring wells screening Made Ground or Tidal Flat Deposits) are presented in the Table below for the priority substances identified. Concentrations are presented as a range of minimum – mean – maximum and are in line with those presented in Tables 1a and 1b as part of the Priority Substance identification.

Table P - Groundwater Baseline Data

Substance	Groundwater Baseline Data	Units
Arsenic	<MDL – 6.31 - 46	µg/L
Chromium VI	<MDL	µg/L
Lead	<MDL - 0.146 – 4.62	µg/L
Mercury	<MDL - 0.0183 - 0.32	µg/L
Ammoniacal Nitrogen as N	<MDL - 2.14 – 40.7	mg/L
Cyanide (Total)	<MDL – 15.3 - 310	µg/L
Benzo(a)pyrene	<MDL - 0.00973 – 1.6	µg/L
Naphthalene	<MDL - 0.219 – 5.4	µg/L

Substance	Groundwater Baseline Data	Units
Benzene	<MDL - 0.659 - 10	µg/L

Measured concentrations in the River Tees, measured at Dabholme Gut (<https://environment.data.gov.uk/water-quality/view/sampling-point/NE-45401356>) are presented in Table Q below for the priority substances identified. Dabholme Gut represents the closest identified EA surface water monitoring location.

Table Q - Surface Water Baseline Data

Substance	Surface Water Baseline Data*	Units
Arsenic	<1-2.1	µg/L
Chromium VI	<0.3	µg/L
Lead	0.14-1.1	µg/L
Mercury	<0.01	µg/L
Ammoniacal Nitrogen as N	0.11-2.6	mg/L
Cyanide (Total)	<500	µg/L
Benzo(a)pyrene	0.00066-0.0021	µg/L
Naphthalene	no data	µg/L
Benzene	<0.1-0.18	µg/L

* Concentrations presented are from the most recent data collected between March 2023 and Sept 2024 as a range from minimum to maximum, with the exception of chromium VI. For chromium VI, the most recent data available was from March 2021 (<0.3µg/l); during the two preceding sampling events in 2019, concentrations were also less than the detection limit (0.3µg/l)

4.2 Selection of Assessment Tools

The hydrogeological risk assessment has been undertaken using site-specific information, where available. Modelling of the risk to controlled waters has been undertaken using ConSim 2.5.

The ConSim software models contaminant mobilisation and transport. It is a probabilistic model that uses a Monte Carlo simulation technique to select values randomly from each parameter range for use in the calculations. Repeating the calculations many times gives a range of output values, the distribution of which reflects the uncertainty inherent in the input values. This enables the likelihood of the estimated output values being realised to be determined.

ConSim facilitates the following steps of analysis which have been modelled as a Level 3 assessment:

- A. Vertical leaching of soil leachate through the unsaturated zone. A number of processes can be modelled including degradation, retardation and dispersion.

- B. Dilution within the receiving aquifer based on the ratio of infiltration through the Site to groundwater flow beneath the Site.
- C. Attenuation processes within the aquifer during lateral migration to calculate predicted concentrations at a compliance point. A number of processes can be modelled including degradation, retardation and dispersion.

4.3 Assessment Approach

The potentially recovered materials have been modelled as a single source area representing the size and shape of the excavation area.

To demonstrate whether the requirement to prevent hazardous substances and limit non-hazardous substances (as stated in in of *Schedule 22 of the Environmental Permitting Regulations 2016*) can be met with no further action, the following compliance points will be assessed:

- **Hazardous Substances:** Hydraulically downgradient Site boundary
- **Non-Hazardous Substances:** 50m hydraulically downgradient theoretical compliance point within the aquifer.

For hazardous substances, the requirement to prevent entry is considered to have been met when concentrations are not discernible at the Site boundary. As groundwater quality beneath the Site has been affected by historical anthropogenic activity, the definition of discernibility is taken from Section 2.4 of the *Groundwater protection technical guidance* [EA, 2017], which states that predictive assessments must use MRV to assess discernibility in the absence of “*surrounding clean groundwater*”.

For non-hazardous substances, the requirement to limit is considered to have been met when either concentrations are below either the relevant WQS or below background conditions at a 50m theoretical compliance point.

Where input of hazardous or non-hazardous substances cannot be demonstrated to have met the above Schedule 22 requirements, the potential for substances to cause pollution has been further assessed prior to considering what necessary measures may be required and how reasonable such measures are.

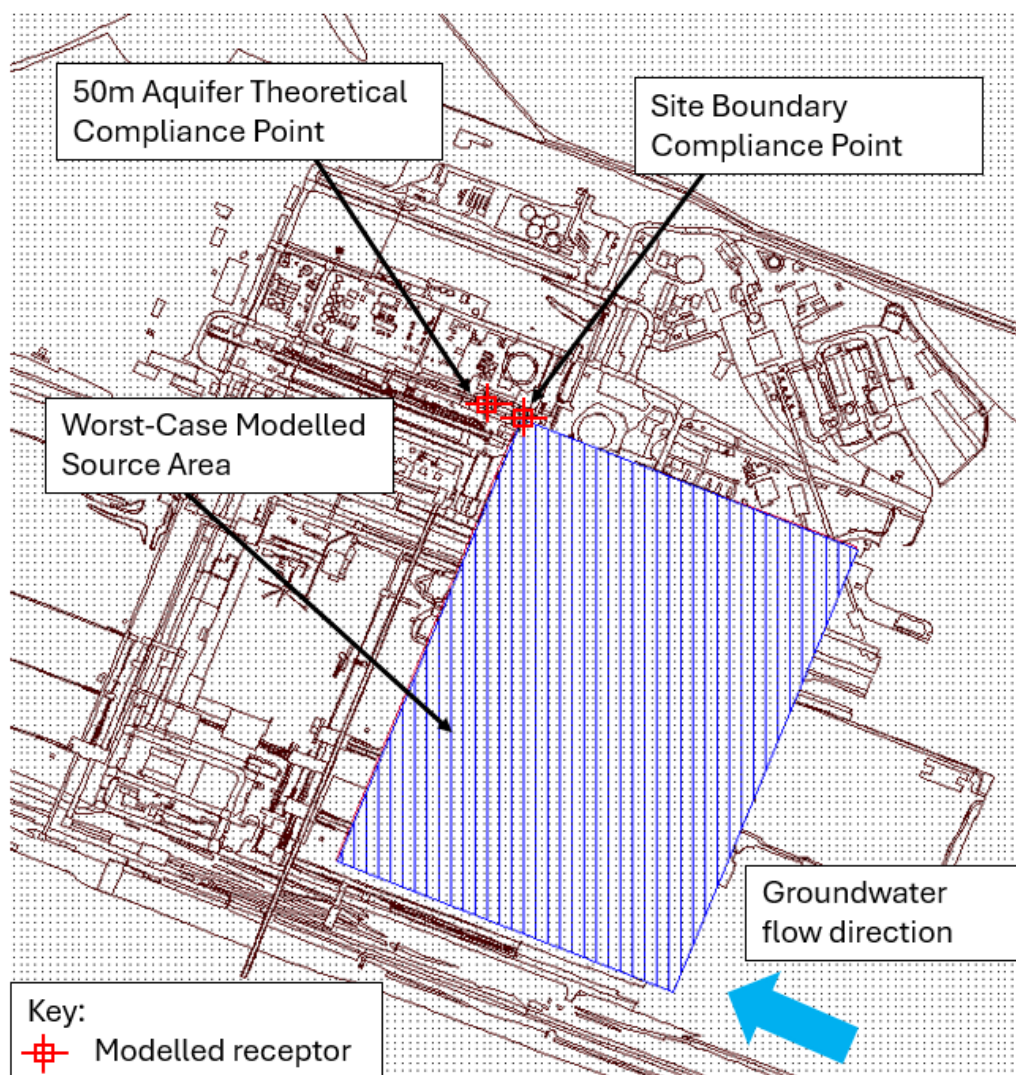
The definition of pollution is given in Part 1, paragraph 2 (1) of The Environmental Permitting (England and Wales) Regulations 2016. In relation to the DfR activities, pollution would occur if actual harm to human health or to the quality of aquatic ecosystems, or terrestrial ecosystems directly depending on aquatic ecosystems, is caused.

Given the low resource potential and unlikelihood for future abstraction of the aquifer, as discussed in Section 2, the potential for pollution will be assessed based on a compliance point at the nearest hydraulically down gradient surface water receptor and using EQS rather than MRV based on the definition of pollution.

As discussed in Section 2.5.6 groundwater flow varies across the Site. The ConSim model for the Limit and Prevent Assessment uses a groundwater flow direction to the west-northwest. By modelling flow toward the west-northwest, the approach represents the worst-case scenario, as this direction corresponds to the widest part of the Site. Once off-Site, groundwater flow is to the southeast towards Bran Sands Lagoon. Bran Sands Lagoon has therefore been used in the model as the closest receptor for the Pollution Assessment (see Section 4.7) and ensures that a worst-case scenario is considered in both instances.

A screenshot of the ConSim model for the Prevent and Limit Assessment showing the modelled Site boundary and 50m Aquifer Compliance Point receptors and modelled source area is shown below.

Figure I Modelled Source and Receptors



4.4 Modelling Inputs

4.4.1 Source Concentrations

Section 4.1.3 presents descriptive statistics for the six hazardous and three non-hazardous substances selected for modelling for each of the nine potential recovered materials. The data presented is soil leachate data from laboratory testing. As presented in Appendix N and discussed in Section 4.1, leachate testing methods typically are used to represent worst-case conditions and, in many situations, are an overestimate of concentrations which may leach from soils due to infiltration alone. As such, the leachate concentrations used in the assessment add an additional level of conservatism.

As discussed in Section 4.1, a high degree of heterogeneity is seen, particularly in the Made Ground, with concentrations often varying over several orders of magnitude. To account for this range and appropriately model the associated uncertainty, a range of values has been modelled as a log triangular distribution. The high and low ends in the range corresponding to maximum and minimum values possible for the parameter and the mean of the data selected as the 'most likely' value.

Although most of the recovered material will comprise Made Ground originating from the Site, the final quantities required of the other potential recovered materials required is currently an estimated range based on the expected backfill material deficit.

To ensure that worst-case conditions are modelled, the maximum concentrations from each of the nine potential recovered materials have been initially used to parameterise the model. This approach has the benefit that where it shows a substance does not exceed compliance criteria at a given compliance point, it can be inferred that any combination of the potential recovered materials would not present a higher risk. However, the risks from individual potential recovered material types may be lower.

Initial, worst-case source input concentrations, calculated from the nine potential recovered materials, are presented as Table 4.

4.4.2 Active Processes

Degradation

Aquifer and unsaturated zone conditions have been reviewed to determine if degradation is likely to be an active process for the substances assessed.

The aquifer, overlying unsaturated zone materials and potential recovered materials overlying are typically granular and relatively shallow (typically shallower than 6m bgl). As such, the potential for degradation via aerobic processes is considered high.

As well as aerobic degradation, other degradation processes such as anaerobic degradation and precipitation may also be actively occurring. Appendix R presents a series of graphs for samples collected in February 2024 to assess the aquifer conditions. These include:

- Hydrocarbon content vs. Oxidation-Reduction Potential (ORP) and dissolved oxygen
- Ammoniacal nitrogen vs. ORP, dissolved oxygen and nitrate
- Total cyanide vs. thiocyanate

For hydrocarbon species (which includes the selected indicators benzene, benzo(a)pyrene and naphthalene), aerobic degradation is typically the most favourable route for degradation of hydrocarbon species [Nobel and Morgan, 2002]. This has been assessed by looking at dissolved oxygen and oxidising conditions within the aquifer. Due to the heterogeneous nature of the Made Ground within the aquifer causing complex interactions, and the fact that the Site is surrounded by similar conditions, it is difficult to establish strong correlations. However, sufficient evidence is provided that dissolved oxygen and oxidising conditions are present. As such, degradation of hydrocarbons has been modelled as an active process beneath the Site, albeit conservatively modelled in the dissolved phase only, although at least some degradation may also occur in the sorbed phase.

Ammoniacal nitrogen degradation may also progress aerobically, with formation of nitrite and eventually nitrate. Anaerobic degradation can also take place by reaction with nitrate. Similarly to hydrocarbons, aquifer conditions are complex so correlations are hard to establish [Buss *et al.* 2004]. However, sufficient evidence is provided that dissolved oxygen and oxidising conditions are present. As such, degradation of ammoniacal nitrogen has been modelled as an active process beneath the Site.

Degradation processes for cyanide species are a complex interaction. Thiocyanate may be formed following degradation of complex cyanide species [Nobel and Morgan, 2002]. Correlation can be seen between the highest total cyanide concentrations and higher thiocyanate concentrations. As such, degradation of cyanide has been modelled as an active process beneath the Site.

Metals (including the selected indicators arsenic, hexavalent chromium, lead and mercury) do not degrade as such, and it is the dissolved ionic species of a metal that is measured by laboratory analysis. However, conditions in the aquifer, such as ORP or the presence of other ions, may cause metal species to change from

mobile, soluble forms to immobile or insoluble forms. No degradation has been modelled for arsenic, lead or mercury. However, the potential for hexavalent chromium to precipitate has been assessed.

The presence of hexavalent chromium in Made Ground is attributed to weathering of the trivalent chromium within the slag [Pan *et al.* 2017]. On entering groundwater, hexavalent chromium may be precipitated via the presence of magnesium and calcium in a process favoured by alkaline conditions [West, A.J & Foster P.P, 2008] or be reduced into the less soluble Cr(III) oxidation state in the presence of Iron (II) or sulphide in anoxic conditions or soil organic carbon in oxic conditions [Palmer, C.D & Puls, R.W, 1994] and subsequently precipitated.

Both calcium and magnesium are present in groundwater beneath the Site at concentrations of 16.5-1,150mg/l and <0.02-744mg/l respectively. Evidence that the precipitation process is active beneath the Site is provided by a number of detections of hexavalent chromium in leachate, compared to groundwater where concentrations were not recorded above the MDL. However, the MDL of 7µg/l may not identify low level detections of hexavalent chromium. Total chromium concentrations are also low, typically below or within an order of magnitude of the MDL of 1µg/l, supporting the evidence that precipitation is occurring. As such, precipitation has been modelled as an active process for hexavalent chromium. As no specific precipitation mechanism can be modelled in ConSim, it has been modelled using the degradation mechanism process.

Retardation

Retardation has been modelled as an active process in both the unsaturated and aquifer zones.

Source Decline

ConSim can model either a constant source, calculated declining source or user defined declining source. A constant source is a conservative assumption that all source concentrations remain constant over time. Where an ongoing source such as a leak is not present, the constant source may not be appropriate. The calculated declining option has been selected based on the absence of such an ongoing source. This modelled process is based on partitioning coefficients and the calculated degree of wash out and the reduction in source concentration through time. It is most appropriate for more soluble compounds.

Given the above, the declining source term process has been applied to metal substances only, although source term decline via wash out and other process may occur for the organic and inorganic substances.

A laboratory assessment of source decline via calculation of kappa values has been additionally undertaken as is presented in Annex A. The results predicted source term decay as occurring for key indicator substances and further supports the active modelled processes.

4.4.3 Chemical Parameters

Chemical parameter for degradation and partitioning are presented in Appendix S.

4.4.4 Physical Parameters

The parametrisation of the model has been undertaken based on site specific data, where available. The physical parameters for the modelled source, unsaturated zone and aquifer are presented in Table R over leaf, with supporting information presented in Appendix T.

Table R - Physical Parameters

Parameter	Value	Distribution	Source
Soil Parameters (Source Zone)			
Lithology	Slag Made Ground	-	Comprises a number of recovered material types as described in Section 3.3. However, the majority of these comprise Slag Made Ground. As such, the source zone is conceptualised as Slag Made Ground.
Thickness (m)	2.5	Single	Proposed excavation and backfill thickness
Soil dry bulk density (g/cm ³)	1.86 -- 2.07	Uniform	The Series 600 earthworks specification [Standards for Highways, 2017] requires compaction to 10% air-voids at a moisture content at the dry limit for acceptability, with the aim of achieving the maximum dry density at optimum moisture content (8-10%). A range of dry densities of 1.86 to 2.07 g/cm³ is defined. The likely target value has been set as 95% of maximum measured in slag rich Made Ground meeting material specification. A 10% tolerance has been used to define the low end. The selected range is in line with site data and also broadly in line with literature data, including values reported in ConSim [ConSim, 2003] between 1.37 g/cm³ and 1.81 g/cm³ for gravelly sand and a sand, and 1.36-2.19 g/cm³ for a gravel. Supporting available site data for slag rich Made Ground is presented as histograms in Appendix T.1.
Total porosity (cm ³ /cm ³)	0.26 -- 0.33	Uniform	Porosity values have been calculated based on the earthworks specification and using available site data for slag containing Made Ground, including bulk density as discussed above.
Water-Filled Porosity (cm ³ /cm ³)	0.15 -- 0.21	Uniform	Assuming a typical particle density of 2.78 (Remedial Targets Worksheet default value and in line with site data likely value), a total porosity of 0.26 to 0.33 is calculated. The site moisture content data has been used to define the range of air and water filled porosities. The selected values are broadly in line with literature data for sands and gravels, including ConSim [ConSim, 2003] reported values of 0.24-0.36 for a coarse gravel, 0.25-0.38 for a fine gravel, 0.26-0.53 for fine sand and 0.31-0.46 for coarse sand. Available site data for slag rich Made Ground is presented as histograms in Appendix T.1.
Air-filled porosity (cm ³ /cm ³)	0.048 -- 0.18	Uniform	

Parameter	Value	Distribution	Source
Infiltration (mm/year)	160 (16)	Normal	Monthly MORECS Rainfall and PET data has been provided by the MET Office for the 5km grid square directly southeast of the Site. Based on this data, the infiltration value of 160mm / year has been calculated. This value represents the mean excess winter rainfall, when rainfall exceeds PET, between October and February. The data is summarised in Section 2.
Soil Parameters (Unsaturated Zone)			
Lithology	Slag Made Ground	-	Site data
Thickness	0.64 -- 1.75 -- 1.97	Triangular	Calculated from site data based on the difference in elevation between the base of the excavation at 4.6m AOD and the minimum, mode and maximum groundwater level recorded in the Made Ground and Tidal Flat Deposits below the Site. Histograms for the groundwater level data in Appendix T.2.
Water-Filled Porosity (cm ³ /cm ³)	0.14 -- 0.21	Uniform	Porosity values have been calculated using available site data for slag containing Made Ground. Dry density typically ranges from 1.8 to 2.2g/cm ³ . Assuming a typical particle density of 2.78 (Remedial Targets Worksheet default value and in line with site data likely value), a total porosity of 0.21 to 0.35 is calculated. The site moisture content data has been used to define the range of water filled porosities. Available site data for slag rich Made Ground is presented as histograms in Appendix T.1.
Dry bulk density (g/cm ³)	1.8 -- 2.0 -- 2.2	Triangular	Supporting available site data for slag rich Made Ground is presented as histograms in Appendix T.1 and typically ranges from 1.8 to 2.2g/cm ³ , with an average of 2.0g/cm ³ . The selected range is in line with site data and also broadly in line with literature data, including values reported in ConSim [ConSim, 2003] between 1.37 g/cm ³ and 1.81 g/cm ³ for gravelly sand and a sand, and 1.36-2.19 g/cm ³ for a gravel.
Unsaturated Conductivity (m/s)	2.4E-05 -- 2.0E-04	Log Uniform	Aquifer permeability tests within the Made Ground have been undertaken across the wider Teesworks area ranging between 2.4 x 10 ⁻⁵ m/s and 2.0 x 10 ⁻⁴ m/s.
Vertical Dispersivity (m)	0.064 --0.175 --0.197	Triangular	10% of pathway length
Fraction of organic carbon (-)	0.0018 -- 0.0020	Uniform	Made Ground is typically of a low FoC. A typical method detection limit is 0.002. The typical detection limit is set as the maximum value with - 10% selected as the minimum value. As the source was modelled as leachate concentrations, an FoC was not defined for the source. However, given that no processes will be undertaken which reduce organic content in the recovered materials, FoC would be the same in both source and unsaturated zone Made Ground.

Parameter	Value	Distribution	Source
Aquifer Parameters			
Aquifer Lithology	Slag Made Ground / Tidal Flat Deposits	-	Site data
Thickness	4.9 – 9.5	Uniform	Thickness calculated per borehole by subtracting the base of the TFD recorded in the groundwater monitoring boreholes at the Site from the minimum and maximum groundwater level recorded in the boreholes at the Site. Groundwater levels recorded across the Made Ground and TFD used as groundwater levels in the two geologies assumed to be in connectivity. The minimum and maximum thickness calculated where used to provide a thickness range.
Hydraulic conductivity (m/s)	2.81×10^{-6} -- 2.0×10^{-4}	Log Uniform	The range is based on permeability tests undertaken in the wider site area. The high end of the range is for Made Ground (0.0002 m/s) with the lower end of the range from on-Site permeability tests in the TFD (2.78×10^{-6} m/s). The permeability test results are presented at Appendix F.
Hydraulic gradient (m/m)	0.0026 -- 0.0032	Uniform	Calculated based on the west-northwest groundwater flow direction shown on the groundwater contours for the Made Ground and TFD recorded in boreholes at the Site and northern Teesworks area on 18 March 2025 as shown on Figure F.
Dry bulk density (g/cm ³)	1.6 -- 1.8 -- 2.2	Triangular	The range selected is based on the Tidal Flat Deposits and slag Made Ground. Supporting available site data for slag rich Made Ground is presented as histograms in Appendix T.2 and typically ranges from 1.8 to 2.2g/cm ³ . A range of values for Tidal Flat Deposit bulk density were defined based on values reported by ConSim [ConSim, 2003] for a gravel (1.36 to 2.19g/cm ³), a sand (1.37 to 1.81g/cm ³) and silt (1.82 to 2.15g/cm ³) while Tomlinson [Tomlinson, 2001] reported values for a fine and silty sand of 1.75 to 2.15g/cm ³ and 1.6 to 2.0g/cm ³ for a gravel.
Effective porosity (cm ³ /cm ³)	0.25 -- 0.34	Uniform	A range of values for effective porosity was defined based on values reported by McWhorter & Sunada [McWhorter & Sunada, 1977] for a fine sand (arithmetic mean of 0.33), fine gravel (arithmetic mean of 0.28) and silt (arithmetic mean of 0.20). These values were further refined after considering values of 0.2 for a silty sand, 0.3 for a sand, 0.3 for a gravel and 0.25 for a silt as presented in RBCA [RBCA, 1998].
Lateral Dispersivity (m)	0.5	Single	1% compliance point distance (50m)
Longitudinal Dispersivity (m)	5.0	Single	10% compliance point distance (50m)

Parameter	Value	Distribution	Source
Fraction of organic carbon (g oc/g soil)	0.0018 -- 0.016	Uniform	Data for Made Ground and Tidal Flat Deposits was used to define the range of FoC. The minimum value selected for Made Ground (as presented above) defines the low end of the range, with the selected value in line with the source and unsaturated zone material. The maximum value chosen is 0.016 as 90% of values are less than 0.016. Data for Tidal Flat Deposits is based on data from the Site and wider area which is presented in Appendix T.3.

4.4.5 Model Run Parameters

Timeframes up to 10,000 yrs have been run in ConSim. The RTM contaminated land guidance [EA, 2006] is considered most appropriate to guide decision making in a historical land contamination setting. The RTM states: “Travel time will normally need to exceed 1,000 years before this case can be considered.” For context, use of a 10,000 yr timeframe for decision making is not considered reasonable on the basis that this is equivalent to over 140 generations. As such, review of potential risks up to 10,000 yrs undertaken in this report is considered highly conservative.

From the range of output values calculated by ConSim, the 95% confidence values have been used for the purpose of assessing potential risk with respect to predicted concentrations and demonstrating that worst-case conditions have been considered.

4.4.6 Sensitivity Analysis

A sensitivity assessment has been undertaken via ConSim sensitivity. The output is presented in Appendix U for hexavalent chromium for compliance points at both the Site Boundary and Bran Sands Lagoon which is the closest surface water receptor.

4.4.7 Compliance Criteria

The adopted compliance criteria are presented in Appendix V and have been used to assess the potential risk predicted at the respective compliance points as follows:

- **For hazardous substances**, MRV are used to assess discernibility at the Site boundary.
- **For non-hazardous substances**, DWS have been used as assessment criteria to consider the risk to the aquifer at a theoretical 50m compliance point.
- **For non-hazardous substances**, where current background groundwater concentrations are above DWS, background has also been used to assess whether the requirement to limit entry has been met. Current background groundwater concentrations are presented in Section 4.1.4 above.
- When assessing the potential for substances to cause pollution, EQS have been used.

4.5 ConSim Model Output: Limit and Prevent Assessment

ConSim model outputs for predicted concentrations at the 95% confidence level are presented in Table 5a and summarised and evaluated below.

4.5.1 Summary of Assessment to Prevent Hazardous Substances and Limit Non-Hazardous Substances

Table S - ConSim Modelling Output Summary

Substance	MRV / WQS*	Compliance Point	Maximum Predicted Concentration within 1,000 years (year result is predicted)	Maximum Predicted Concentration within 10,000 years (year result is predicted)	Units
Arsenic	5 (MRV)	Hazardous – site boundary	No breakthrough	4.90 (~10,000 years)	µg/L

Substance	MRV / WQS*	Compliance Point	Maximum Predicted Concentration within 1,000 years (year result is predicted)	Maximum Predicted Concentration within 10,000 years (year result is predicted)	Units
Chromium VI	1 (MRV)	Hazardous – site boundary	2.11 (~1,000 years)	3.70 (~1,800 years)	µg/L
Lead	0.2 (MRV)	Hazardous – site boundary	No breakthrough	1.88 (~10,000 years)	µg/L
Mercury	0.02 (MRV)	Hazardous – site boundary	No breakthrough	No breakthrough	µg/L
Ammoniacal Nitrogen as N	0.5 (DWS)	Non-hazardous – 50m	0.22 (~50 years)	0.22 (~50 years)	mg/L
Cyanide (Total)	1 (DWS)	Non-hazardous – 50m	0.0074 (~400 years)	0.0074 (~400 years)	µg/L
Benzo(a)pyrene	0.02 (MRV)	Hazardous – site boundary	No breakthrough	No breakthrough	µg/L
Naphthalene	2 (EQS)	Non-hazardous – 50m	0.072 (~150 years)	0.072 (~150 years)	µg/L
Benzene	0.2 (MRV)	Hazardous – site boundary	0.086 (~15 years)	0.086 (~15 years)	µg/L

* Drinking Water Standards are adopted as applicable WQS, where available. In the absence of DWS, EQS are adopted.

 Predicted concentration of substance exceeds the applicable MRV / WQS based on a 1,000 and 10,000 year timeframe.

 Predicted concentration of substance exceeds the applicable MRV / WQS based on a 10,000 year timeframe only.

Graphical outputs from ConSim presenting the predicted concentration overtime are presented below. Figures are presented for the seven CoC predicted to breakthrough in 10,000 years. The outputs include model predicted concentrations at different confidence limits, ranging from 5 to 95th percentile. However, for the majority of the CoC, only the 95th percentile (indicated in blue) and 90th percentile (indicated in green) are visible on the outputs. The relevant MRV or WQS is also shown as the red dashed line.

Figure J Predicted Arsenic Concentrations Over Time

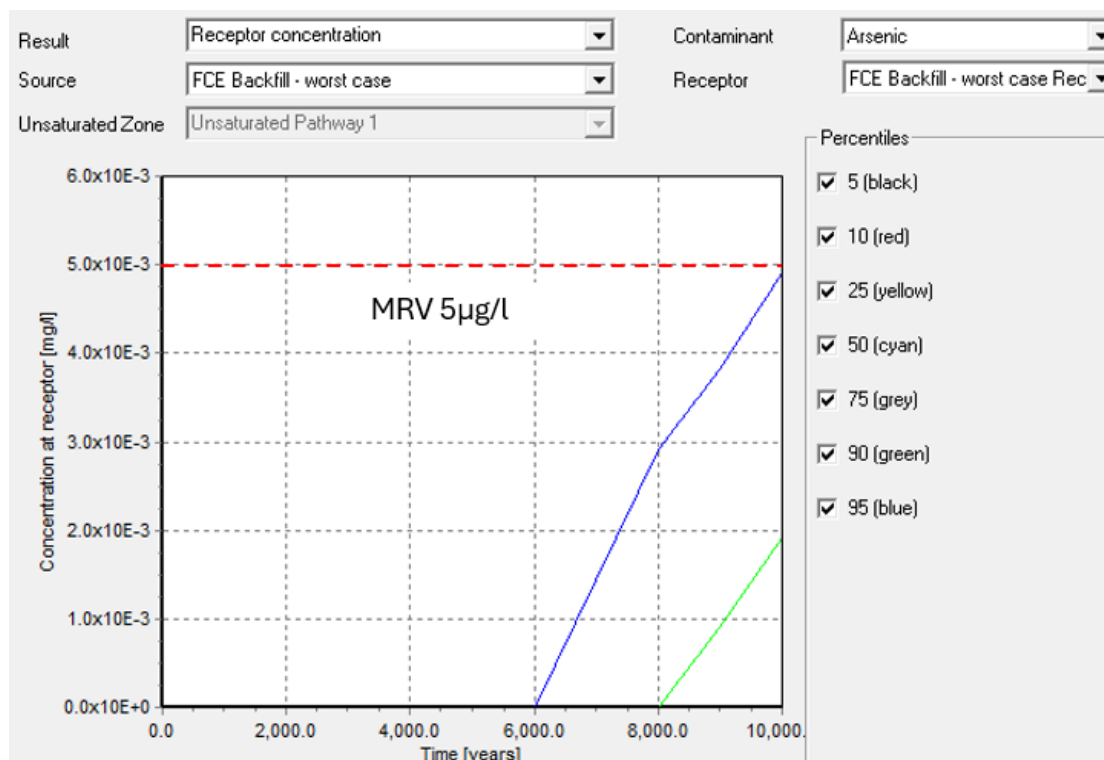


Figure K Predicted Hexavalent Chromium Concentrations Over Time

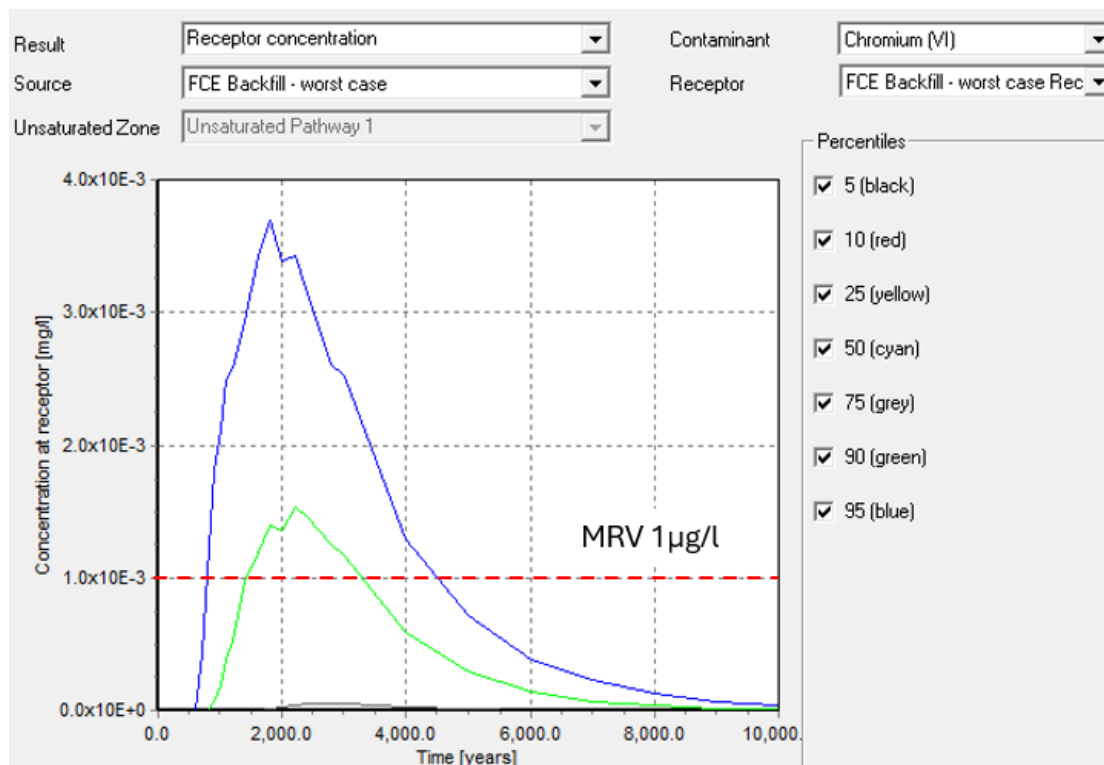


Figure L Predicted Lead Concentrations Over Time

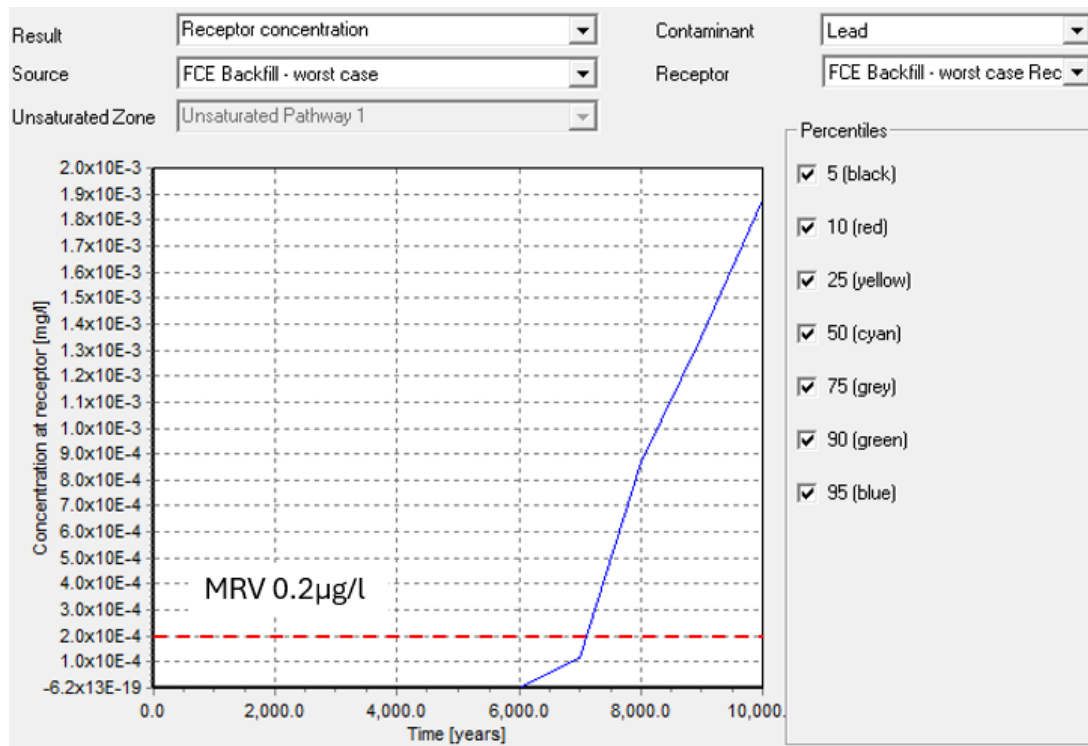


Figure M Predicted Ammoniacal Nitrogen Concentrations Over Time

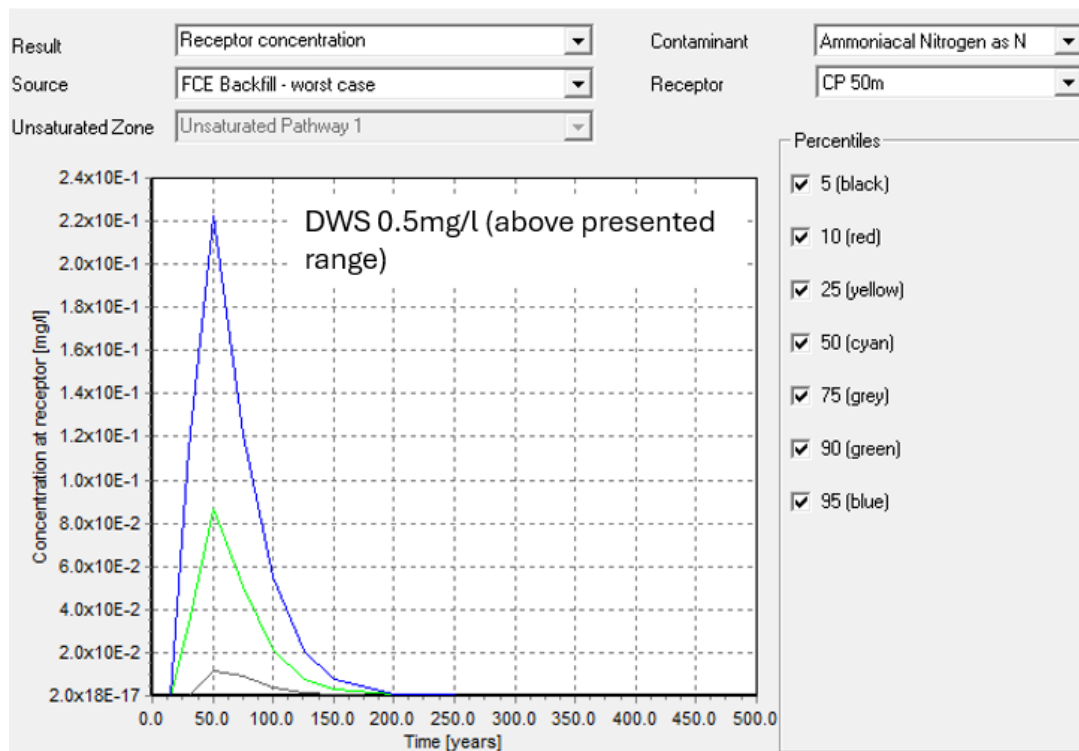


Figure N Predicted Total Cyanide Concentrations Over Time

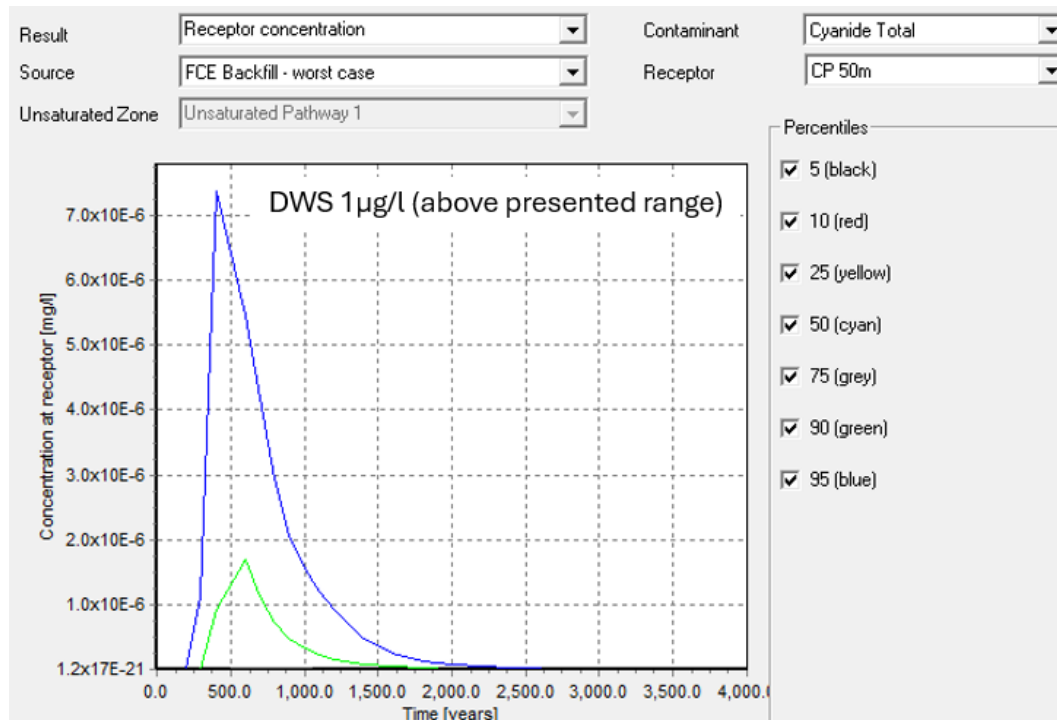


Figure O Predicted Naphthalene Concentrations Over Time

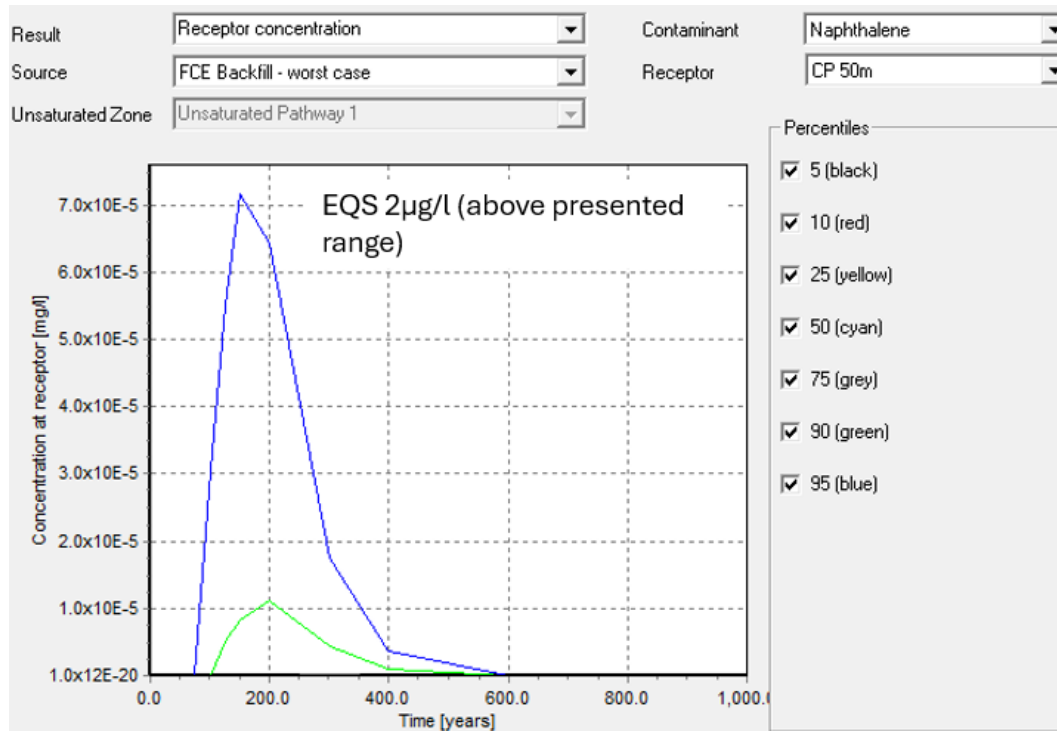
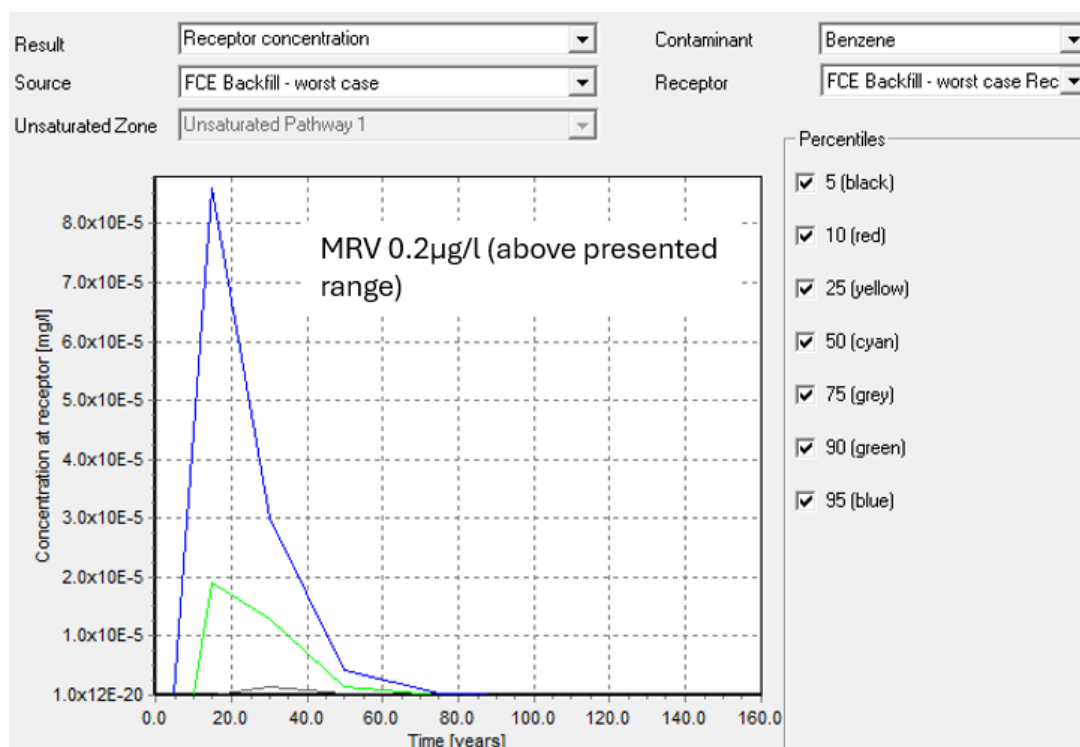


Figure P Predicted Benzene Concentrations Over Time



A summary of the predicted modelled outcomes is detailed below:

Non-hazardous substances:

- Predicted maximum concentrations for the three non-hazardous substances assessed (**ammoniacal nitrogen**, **total cyanide** and **naphthalene**) were below the selected WQS; and
- Maximum predicted non-hazardous substance concentrations were also below average measured background concentrations in groundwater (as presented in Section 4.1.4).

Hazardous substances:

- Five of the six hazardous substances assessed (**arsenic**, **lead**, **mercury**, **benzene** and **benzo(a)pyrene**) are not predicted to have discernible concentrations at the Site boundary within the 1,000 year modelled timeframe, based on RTM guidance, with four compounds not predicted to breakthrough.
- **Hexavalent chromium** is predicted to exceed the MRV (1µg/l) at the Site boundary at around 800 years; and
- **Lead** is predicted to exceed the MRV (0.2µg/l) at the Site boundary by 8,000 years. This is significantly greater than a 1,000 year timeframe referenced in RTM guidance.

4.5.2 Outcome of Prevent Hazardous Substances and Limit Non-Hazardous Substances Assessment

Based on the worst-case predictive assessment undertaken, the requirement to limit entry of non-hazardous substances has been met with respect to **naphthalene**, **ammoniacal nitrogen** and **total cyanide**. Similarly, the requirement to prevent entry of hazardous substances is also considered to have been met with respect to **arsenic**, **mercury**, **benzene** and **benzo(a)pyrene**. While predictive modelling indicates an exceedance of the MRV at the Site boundary with respect to **lead**; this is at a timeframe significantly greater than 1,000 years and

is associated with reasonable worst-case input concentrations. Given this, the requirement to prevent entry of hazardous substances is also considered to have been met with respect to **lead**.

For **hexavalent chromium**, predictive modelling indicates an exceedance of the MRV at the Site boundary. This is at a timeframe of approximately 800 years and associated with reasonable worst-case input concentrations.

Review of the maximum concentrations of hexavalent chromium species modelled indicates they are attributed to the off-Site FCW Made Ground. Similar albeit lower concentrations of hexavalent chromium were measured in Steel House Made Ground. Maximum and mean concentrations in the remaining potential recovered materials was typically an order of magnitude lower than that of FCW Made Ground, with the exception of Foundry Central East Sand Fill and South Bank Quay Made Ground, where concentrations of hexavalent chromium in soil leachate were not measured above the laboratory MDL. This suggests that the reasonable worst-case hexavalent chromium model overestimates the predicted concentrations of hexavalent chromium for the following material types:

- Steel House Made Ground
- Foundry Central East Made Ground
- Foundry Central East Sand Fill
- Land West of Warrenby Made Ground
- South Bank Quay Made Ground
- Concrete
- Refractory Brick
- Mudstone

Further evaluation of the above individual potential recovered materials is therefore warranted; the exception is potential recovered materials associated with Foundry Central East Sand Fill and South Bank Quay Made Ground, given that concentrations of hexavalent chromium have not been measured above the laboratory MDL in soil leachate. As such, for the remaining potential recovered materials, the ConSim model has been re-run to predict concentrations of hexavalent chromium based on material specific minimum, mean and maximum soil leachate concentrations. Predicted 95% confidence concentrations at up to 10,000 years are presented in Table T. For completeness, FCW Made Ground has also been included in Table T.

Table T - Predicted Hexavalent Chromium Concentrations at the Site Boundary (95% confidence)

Potential Recovered Material	Maximum Predicted Cr(VI) concentration within 10,000yrs (µg/l) (year result is predicted)	MRV (µg/l)
Foundry Central West Made Ground	3.70 (~1,800 years)	1
Steel House Made Ground	2.27 (~ 1,800 years)	
Foundry Central East Made Ground	1.91 (~1,400 years)	
Land West of Warrenby Made Ground	1.37 (~1,200 years)	

Potential Recovered Material	Maximum Predicted Cr(VI) concentration within 10,000yrs (µg/l) (year result is predicted)	MRV (µg/l)
Concrete	1.09 (~1,400 years)	
Refractory Brick	1.40 (~1,800 years)	
Mudstone	0.62 (~1,400 years)	

The above assessment is highly conservative with respect to use of the above potential recovered material as it assumes a significantly larger source area than would be achievable with the anticipated quantity of these materials to be used as backfill.

Review of Table T indicates predicted concentrations of hexavalent chromium from Mudstone do not exceed the MRV at the Site boundary. This indicates that it would be unlikely that hexavalent chromium would be discernible at the Site boundary with respect to Mudstone.

Maximum predicted concentrations of hexavalent chromium from FCW Made Ground, Steel House Made Ground, Foundry Central East Made Ground, Land West of Warrenby Made Ground, Concrete and Refractory Brick marginally exceed the MRV (same order of magnitude) at the Site boundary. However, given:

- the low margin by which the predicted concentrations exceed the MRV;
- the conservative source area modelled;
- the likely over-estimate by use of leachate data; and,
- that the MRV is typically exceeded several hundred years beyond a 1,000 year timeframe (excepting Land West of Warrenby Made Ground (exceeds at 1,000 years), FCW Made Ground (exceeds at 800 years) and Steel House Made Ground (exceeds at 1,100 years)),

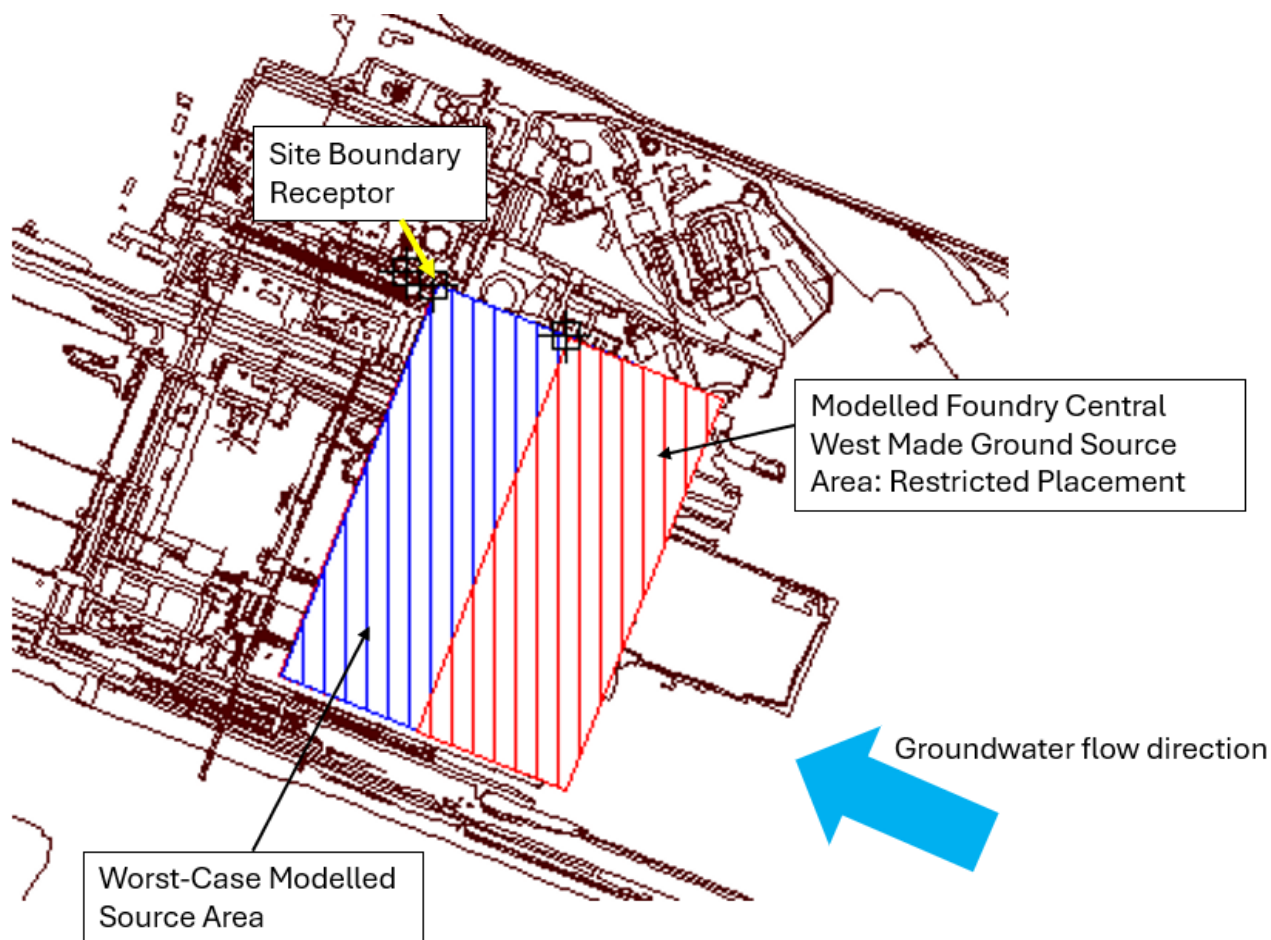
The impact from the above assessed materials is not considered significant and the requirement to limit entry of non-hazardous substances and prevent entry of hazardous substances is considered to have been met.

4.6 Off-Site Sourced Potential Recovered Materials: Additional Assessment of Placement Requirements

Following consultation with the EA, options to further reduce the potential impact from off-Site sourced potential recovered materials based on specific placement requirements were considered. A review of off-Site sourced materials indicated measured hexavalent chromium concentrations were highest within FCW Made Ground (with similar albeit lower concentrations in Steel House Made Ground). An assessment has been undertaken to demonstrate the reduction in predicted boundary concentrations that can be achieved via placement restrictions on this material (i.e. through placement of materials further hydraulically upgradient of the Site boundary).

The figure below presents the modelled source area relating to the proposed placement restrictions.

Figure Q Proposed Placement Restrictions



A summary of the modelling output is presented in the table below.

Table U - Summary of Assessment for Placement Restrictions

Substance	MRV	Compliance Point	Maximum Predicted Cr (VI) concentration within 10,000yrs ($\mu\text{g/l}$) (year result is predicted)
Chromium VI	1	Hazardous – Site boundary	0.74 (~3,000 years)

The maximum concentration was predicted at a timeframe of 3,000 years with respect to FCW Made Ground. The above proposed placement restriction reduces the predicted boundary concentration by approximately an order of magnitude and increases the timeframe further beyond 1,000 years.

4.7 ConSim Model Output: Pollution Assessment

The requirement to limit entry of non-hazardous substances and requirement to prevent entry of hazardous is considered to be met. Further, the potential impacts from off-Site sourced recovered materials is reduced via the proposed placement restrictions as detailed in Section 4.6 above. Nonetheless, further evaluation of the potential for hexavalent chromium to cause pollution has been precautionarily evaluated.

Due to the varying groundwater flow directions at the Site, several surface water receptors have been identified:

- The coastline to the north;
- Bran Sands (mouth of the estuary) to the northwest; and
- Bran Sands Lagoon to the southeast.

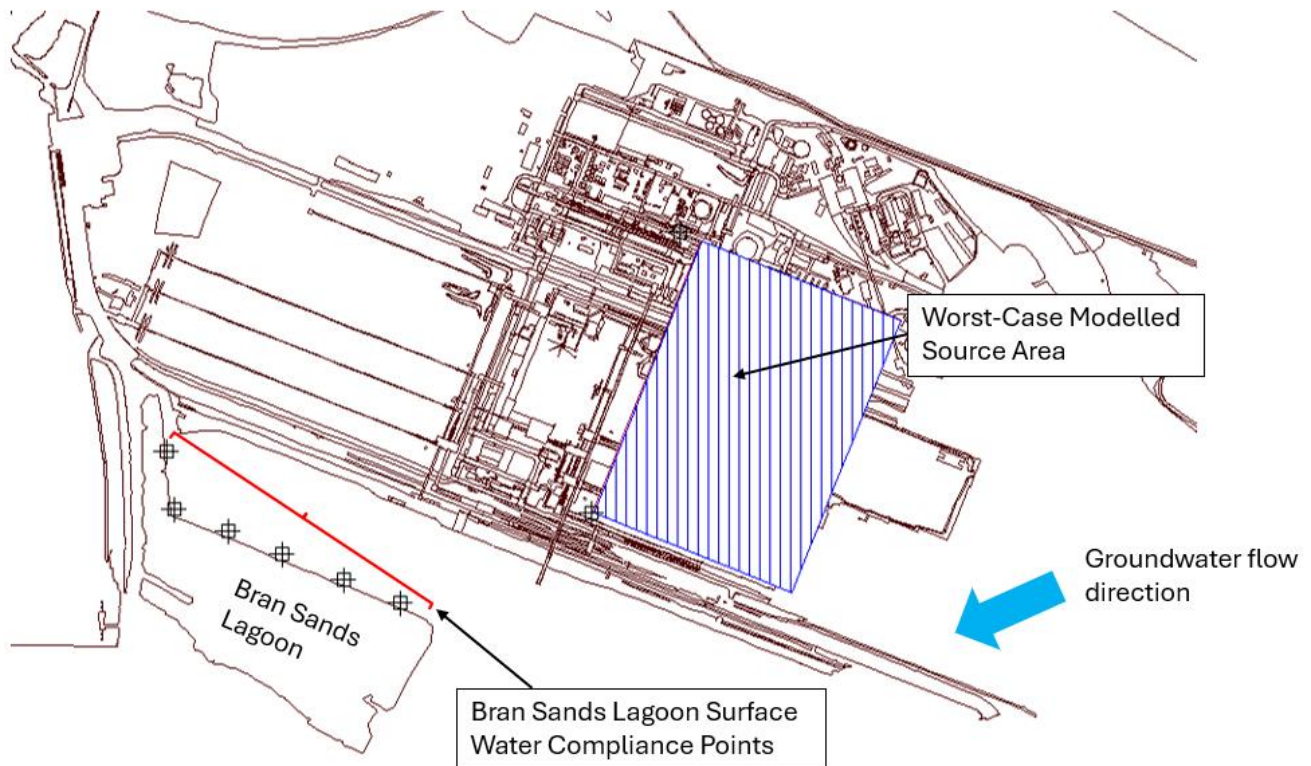
Bran Sands Lagoon is the closest receptor located approximately 500m at its closest point to the Site and is in hydraulic connectivity with the River Tees estuary. Therefore, to model the worst-case scenario, Bran Sands Lagoon has been chosen as the surface water receptor in the Pollution Assessment.

To assess the risk of pollution to Bran Sands Lagoon, the groundwater flow direction in the ConSim model has been adjusted from west-northwest to southwest. This adjustment is based on groundwater contours in Figure F, which indicate groundwater initially flows west-northwest off-Site before shifting direction to the southeast.

A total of six receptor points has been modelled along the hydraulically down gradient edge of Bran Sands Lagoon to ensure that the worst-case (highest predicted concentration) can be demonstrated as being calculated.

The model set up is shown in the figure below.

Figure R ConSim model for the Pollution Assessment showing the source, pollution receptors and groundwater flow direction



The ConSim model outputs for predicted concentrations at the 95% confidence level are presented in Table 5b and summarised and evaluated below.

Hexavalent chromium is not predicted to exceed its respective EQS within the 1,000 year timeframe (referenced within RTM guidance) modelled at a compliance point immediately prior to Bran Sand Lagoon. Nor does it exceed the EQS within a 10,000 year timeframe.

A further exercise was undertaken to model the combined effect with background contribution. As measured groundwater concentrations of hexavalent chromium are below laboratory MDL, a value of half the MRV (i.e. 0.5µg/L) has been used to represent background quality.

Table V - Pollution Assessment Modelling Outcome Summary

Assessment	EQS	Adopted Background Contribution	Maximum Predicted Cr(VI) Concentration within 10,000yrs (µg/L) (year result is predicted)
Chromium VI (without background contribution)	0.6	Not applicable	0.34 (~6,000 years)
Chromium VI plus background contribution	0.6	0.5	0.69 (~6,000 years)

4.8 Conclusion

When the potential recovered materials are considered separately, it can be demonstrated that use of any combination of the following three (of nine) recovered materials on site meets the objectives of Schedule 22, to prevent hazardous substances and limit non-hazardous substances:

- Foundry Central East Sand Fill
- South Bank Made Ground
- Mudstone

This objective is met for the above three materials without the need for additional engineering, source control or discharge control measures. The three materials are therefore deemed suitable for use as a recovered material without the requirement for further assessment, subject to compliance with on-Site waste acceptance procedures during material placement.

With respect to the remaining material types, including Foundry Central East Made Ground, Land West of Warrenby Made Ground, Concrete, Refractory Brick, FCW Made Ground and Steel House Made Ground, predictive assessment has demonstrated that the recovered materials meet the requirement to limit entry of non-hazardous substances. Furthermore, following detailed evaluation which considered factors such as known conservatisms in the assessment and the margin at which criteria is exceeded, the requirement to prevent entry of hazardous substances is also considered to be met. Further reduction of the predicted impact from off-Site sourced potential recovered materials would also be achieved based on the proposed placement restrictions with respect to FCW Made Ground and Steel House Made Ground.

While predicted concentrations of hexavalent chromium are considered to be overestimated, the potential for the hazardous substance hexavalent chromium to cause pollution was further evaluated. Considering a compliance point prior to Bran Sands Lagoon, predicted concentrations were below EQS. This indicates they do not have the potential to cause pollution, with pollution being defined as actual harm in relation to human

health or aquatic or terrestrial ecosystems. It is further noted that hexavalent chromium is typically below the MDL in the River Tees.

5 Summary and Conclusions

Nine different potential recovered materials have been assessed for their chemical suitability as an engineered backfill at the Site. Desk study identified several CoC associated with the materials. These related to both historical activities on the sites from which these materials are to be sourced, and from the composition of the materials themselves. In particular, slag is a major component of the Made Ground materials which make up the majority of fill volume.

Chemical analysis was undertaken on the nine potential recovered materials. An initial simple assessment was undertaken to compare soil leachate results with WQS and, in the case of hazardous substances, MRV. The aim of the initial comparative assessment was to identify priority substances for which a modelling assessment may be required. An indicator compound approach was used to select representative substances from the different chemical groups identified.

Following the initial simple assessment, a total of six hazardous and three non-hazardous substances were identified. Modelling was undertaken using ConSim to demonstrate whether the requirement to prevent hazardous substances and limit non-hazardous substances can be met with no further action.

The objective was demonstrated as met for three of the materials assessed based on predictive worst-case modelling. These three materials were therefore deemed suitable for use as a recovered material without the requirement for further assessment, subject to on-Site waste acceptance procedures during material placement:

- Foundry Central East Sand Fill
- South Bank Quay Made Ground
- Mudstone

With respect to the Foundry Central East Made Ground, Land West of Warrenby Made Ground, Concrete, Refractory Brick, FCW Made Ground and Steel House Made Ground materials, predictive assessment has demonstrated that the recovered materials meet the requirement to limit entry of non-hazardous substances. Furthermore, following detailed evaluation which considered factors such as known conservatism in the assessment and the margin at which criteria is exceeded, the requirement to prevent entry of hazardous substances is also considered to be met. Further reduction of the predicted impact from off-Site sourced potential recovered materials would also be achieved based on the proposed placement restrictions with respect to FCW Made Ground and Steel House Made Ground.

As such, all necessary and reasonable measures to prevent entry of hazardous substances have been taken. The objectives of Schedule 22, to prevent hazardous substances and limit non-hazardous substances, have therefore been met.

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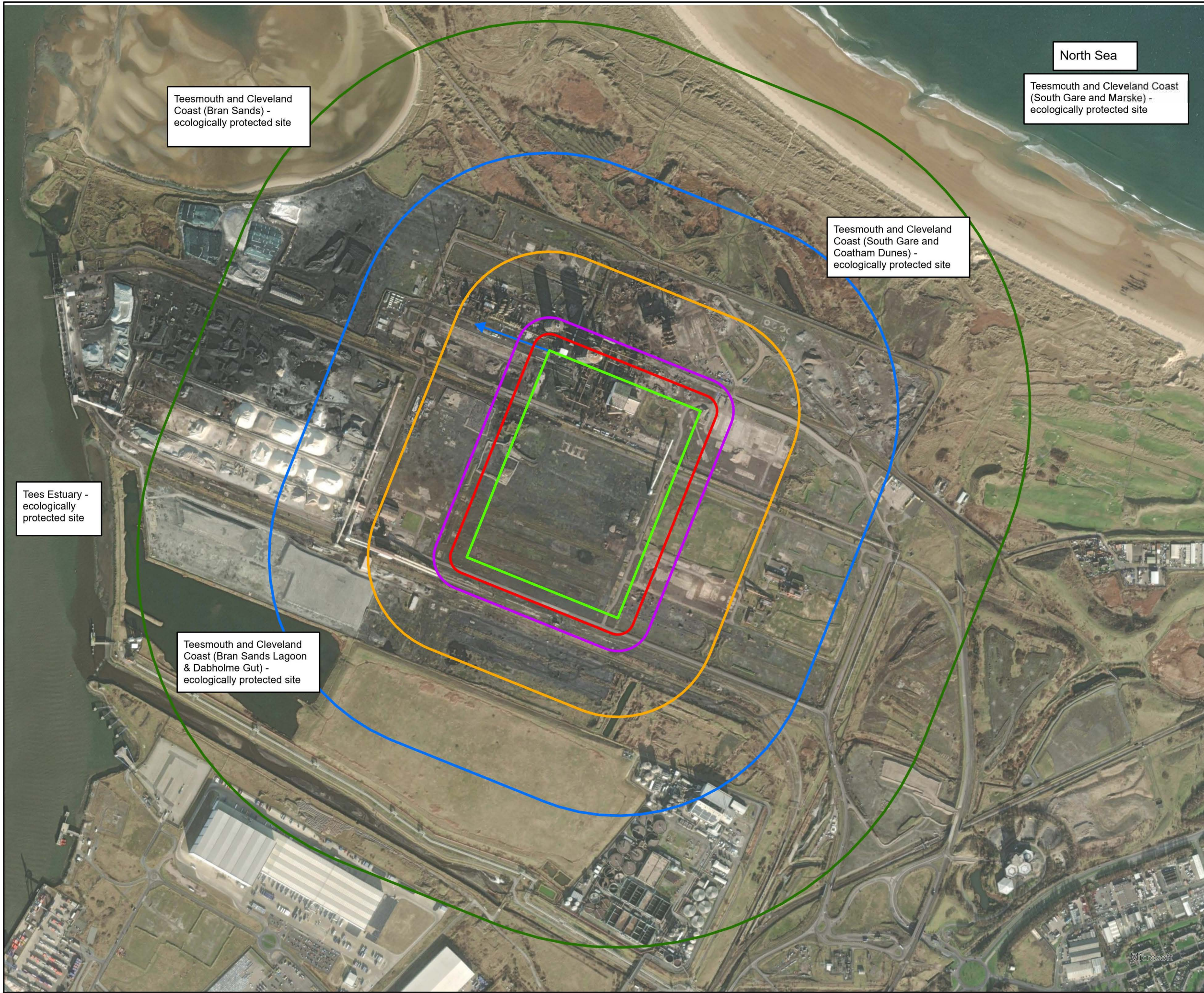
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FIGURES



LEGEND

- SITE BOUNDARY
- 50m
- 100m
- 300m
- 600m
- 1000m
- INFERRED GROUNDWATER FLOW DIRECTION

NOTES

SYMBOLS FOR BOREHOLES, TRIAL PITS AND OTHER SPECIFIC FEATURES ARE REPRESENTATIONS OF LOCATION ONLY AND UNLESS OTHERWISE SPECIFIED, DO NOT REPRESENT THE TRUE SIZE OF THE FEATURE.

0 40 80 160 240 320 400 Metres

N

TITLE: SITE LOCATION AND ENVIRONMENTAL SITE SETTING	
SITE: FOUNDRY CENTRAL EAST	
CLIENT: SOUTH TEES DEVELOPMENT CORPORATION	
PROJECT: 10047374	FIGURE 1
DATE: 14/04/25	DRAWN BY: AP
DRG No.: 10047374AUK-XX-XX-DR-ZZ-1057-P1 GIS	
SCALE: 1:11,000	PRINT: A3

ARCADIS



LEGEND

PLANNING BOUNDARY

NOTES

0 20 40 80 120 160 200 Metres

N

TITLE:

HISTORICAL SITE SETTING

SITE:

FOUNDRY CENTRAL EAST

CLIENT:

SOUTH TEES DEVELOPMENT CORPORATION

PROJECT: 10047374

FIGURE 2

DATE: 24/04/25

DRAWN BY: AP

DRG No.: 10047374-AUK-XX-XX-DR-ZZ-1058-P1 GIS

SCALE: 1:6,000

PRINT: A3

ARCADIS



LEGEND

SITE BOUNDARY

NOTES

070140280420560700Metres

N

TITLE:

DONOR AND RECEIVER
SITE LOCATION PLAN

SITE:

REDCAR

CLIENT:

SOUTH TEES
DEVELOPMENT CORPORATION

PROJECT:

10047374

FIGURE 3

DATE:

24/04/25

DRAWN BY:

BNB

DRG No.:

10047374-AUK-XX-XX-DR-ZZ-0015-01

SCALE:

1:17,500

PRINT:

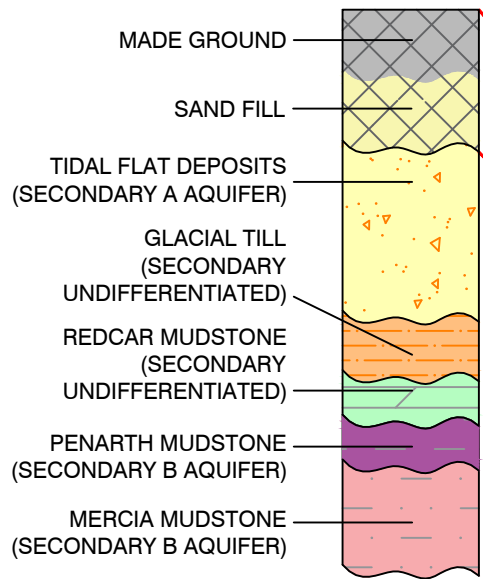
A3

ARCADIS



SITE : FOUNDRY CENTRAL EAST	
LEGEND	NOTES
SITE BOUNDARY MONITORING WELL LOCATION	SYMBOLS FOR BOREHOLES, TRIAL PITS AND OTHER SPECIFIC FEATURES ARE REPRESENTATIONS OF LOCATION ONLY AND UNLESS OTHERWISE SPECIFIED, DO NOT REPRESENT THE TRUE SIZE OF THE FEATURE. 02550100150200250 Metres N
CLIENT : SOUTH TEES DEVELOPMENT CORPORATION PROJECT : 10047374 FIGURE 4 DATE : 24/04/25 DRAWN BY : AP DRG No. : 10047374-AUK-XX-XX-DR-ZZ-1099.GIS SCALE : 1:7,500 PRINT : A3 ARCADIS	

SITE SPECIFIC GROUND CONDITIONS



CONCEPTUAL ZONE	PHYSICAL CHARACTERISTICS	JUSTIFICATION
SOURCE ZONE	MADE GROUND	REPRESENTATIVE OF DEPOSITS WITHIN WHICH THE MAJORITY OF IMPACTS ARE LOCATED
AQUIFER	SAND	REPRESENTATIVE OF THE DEPOSITS ENCOUNTERED BENEATH THE SITE, THROUGH WHICH OFF-SITE MIGRATION OF GROUNDWATER IS ANTICIPATED TO TAKE PLACE

KEY	
	GROUNDWATER ELEVATION
	GROUNDWATER FLOW DIRECTION
	GEOLOGY INFERRED BEYOND SITE BOUNDARY

POTENTIAL FOR OFF-SITE SOURCES INCLUDING MADE GROUND TO AFFECT ON-SITE GROUNDWATER QUALITY

SITE BOUNDARY

SITE BOUNDARY

SAND FILL EXCAVATED TO SHALLOWER DEPTH

VOIDS OR SUB-SURFACE RELIC STRUCTURES POTENTIALLY REMAINING

50M THEORETICAL AQUIFER COMPLIANCE POINT

TEES ESTUARY

TIDAL RANGE APPROXIMATELY -2.7m AOD TO +3.7m AOD

NOTES	
INDICATIVE - NOT TO SCALE	

REV	DATE	COMMENT	CAD

TITLE: CONCEPTUAL SITE MODEL CROSS SECTION	
SITE: REDCAR FOUNDRY CENTRAL EAST	
CLIENT: SOUTH TEES DEVELOPMENT CORPORATION	
PROJECT: 10047374	FIGURE 5
DATE: 25/04/24	DRAWN: BNB
DRG.No.: 10047374-AUK-XX-XX-DR-ZZ-903-P1	PRINT: A3



TABLES

10047374-AUK-XC-RP-ZZ-1038-01-Foundry Central East HRA

Table 1a: Selected Contaminants of Concern - Foundry Central East Made Ground

Analyte	Units		Water Quality Standards (WQS) ¹					Groundwater					Leachate					Soil					Further consideration?	Comments										
	Leachate & Groundwater	Soil	Confirmed Hazardous Pollutants	LoQ (MRV)	Lowest EQS / DWS	Units	Lowest EQS/DWS Exceeded?	LoQ (MRV) Exceeded?	No. Samples	%>MDL	Maximum	Minimum	95th percentile	Mean ²	Standard Deviation	Lowest EQS/DWS Exceeded?	LoQ (MRV) Exceeded?	No. Samples	%>MDL	Maximum	Minimum	95th percentile			Mean ²	Standard Deviation	No. Samples	%>MDL	Maximum	Minimum	95th percentile	Mean ²	Standard Deviation	
Metals																																		
Aluminium	µg/L	mg/kg	Not defined	-	200	µg/l	Yes	-	72	62.5%	1100	<MDL	281	25	254	Yes	-	82	97.6%	2100	<MDL	1190	220	374	142	97.2%	84000	<MDL	56700	11500	17800	Yes	Leachate exceeds WQS	
Antimony	µg/L	mg/kg	Non hazardous	-	5	µg/l	No	-	49	89.8%	2.3	<MDL	1.15	0.499	0.335	Yes	-	65	69.2%	19	<MDL	2.96	0.31	2.82	145	73.8%	28	<MDL	19.8	3.05	6.81	Yes	Leachate exceeds WQS	
Arsenic	µg/L	mg/kg	Hazardous	5	10	µg/l	Yes	Yes	74	98.0%	46	<MDL	13.5	6.31	7.61	Yes	Yes	102	91.2%	103	<MDL	10.8	1.49	10.6	200	99.5%	400	<MDL	64.7	10.7	52.1	Yes	Leachate exceeds MRV	
Barium	µg/L	mg/kg	Not defined	-	1300	µg/l	No	-	49	100.0%	310	38	207	105	64.9	No	-	100	100.0%	1300	1.6	485	54.5	13	145	100.0%	2200	64	966	339	130	Yes	Leachate does not exceed WQS.	
Beryllium	µg/L	mg/kg	Not defined	-	-	-	-	-	49	0.0%	<MDL	<MDL	<MDL	<MDL	<MDL	-	-	83	0.0%	<MDL	<MDL	<MDL	<MDL	-	130	95.4%	8.8	<MDL	6.73	1.47	2.24	No	Measured <MDL in leachate.	
Boron	µg/L	mg/kg	Not defined	-	1000	µg/l	Yes	-	81	97.5%	3030	<MDL	740	288	348	No	-	102	73.5%	516	<MDL	246	41.7	82.1	161	94.4%	14.1	<MDL	6.9	2.41	2.05	No	Leachate does not exceed WQS.	
Cadmium	µg/L	mg/kg	Non hazardous	-	0.2	µg/l	No	-	72	8.3%	0.157	<MDL	0.0624	0.0299	0.0166	Yes	-	101	21.8%	0.363	<MDL	0.12	0.0247	0.051	162	83.3%	20	<MDL	2.62	0.294	2.26	Yes	Leachate exceeds WQS	
Chromium	µg/L	mg/kg	Not defined	-	0.6	µg/l	Yes	-	26	61.5%	26.3	<MDL	11	2.33	4.48	Yes	-	82	87.0%	88	<MDL	52.3	1.91	17.7	196	100.0%	2600	6.5	1500	144	546	Yes	Leachate exceeds WQS	
Chromium (hexavalent)	µg/L	mg/kg	Hazardous	1	0.6	µg/l	Yes	-	73	0.0%	<MDL	<MDL	<MDL	<MDL	<MDL	Yes	Yes	100	82.0%	180	<MDL	18.1	1.61	22.4	142	96.6%	81200	<MDL	39900	5350	14800	Yes	Leachate exceeds WQS & MRV	
Copper	µg/L	mg/kg	Non hazardous	-	3.76	µg/l	Yes	-	72	33.3%	22	<MDL	6.32	0.559	5.09	Yes	-	101	95.0%	42.7	<MDL	8.6	1.6	5.01	162	100.0%	210	2	110	25.3	34.7	Yes	Leachate exceeds WQS	
Ferric Iron	µg/L	mg/kg	Not defined	-	1000	µg/l	No	-	24	8.3%	260	<MDL	82.4	29.4	56.9	No	-	17	17.6%	246	<MDL	220	55.1	70.4	-	-	-	-	-	-	-	No	Leachate does not exceed WQS.	
Iron	µg/L	mg/kg	Not defined	-	200	µg/l	Yes	-	77	80.0%	8300	<MDL	342	40.4	925	Yes	-	98	50.0%	548	<MDL	214	9.86	88.2	142	97.9%	260000	<MDL	150000	34100	53600	Yes	Leachate exceeds WQS	
Lead	µg/L	mg/kg	Hazardous	0.2	1.3	µg/l	Yes	Yes	72	25.0%	4.62	<MDL	0.796	0.146	0.269	Yes	Yes	101	73.5%	96.6	<MDL	18	0.516	13.3	200	99.0%	1400	<MDL	210	36.8	125	Yes	Leachate exceeds WQS & MRV	
Manganese	µg/L	mg/kg	Not defined	-	50	µg/l	Yes	-	72	86.1%	1140	<MDL	350	24.5	205	No	-	100	82.0%	180	<MDL	18.1	1.61	22.4	142	96.6%	81200	<MDL	39900	5350	14800	Yes	Leachate exceeds WQS	
Mercury	µg/L	mg/kg	Hazardous	0.02	0.07	µg/l	Yes	Yes	71	46.5%	0.32	<MDL	0.126	0.0183	0.0595	Yes	Yes	100	64.0%	0.23	<MDL	0.091	0.015	0.0371	162	29.0%	2.2	<MDL	0.5	0.051	0.306	Yes	Leachate exceeds WQS & MRV	
Molybdenum	µg/L	mg/kg	Non hazardous	-	70	µg/l	Yes	-	72	98.6%	140	<MDL	114	30	33.4	Yes	-	82	75.6%	137	<MDL	18.7	2.87	16.3	146	89.7%	20	<MDL	8.85	1.95	3.15	Yes	Leachate exceeds WQS	
Nickel	µg/L	mg/kg	Non hazardous	-	8.6	µg/l	Yes	-	72	95.8%	11	<MDL	8.21	1.8	2.88	Yes	-	101	24.8%	41.9	<MDL	2.93	0.359	4.31	162	98.1%	57.3	<MDL	40.1	9.79	11.8	Yes	Leachate exceeds WQS	
Selenium	µg/L	mg/kg	Non hazardous	-	10	µg/l	No	-	70	57.1%	5.9	<MDL	3.73	1.02	1.33	Yes	-	101	83.2%	12	<MDL	3.9	1.02	1.59	154	92.2%	38.4	<MDL	15.9	3.68	5.69	Yes	Leachate exceeds WQS	
Silicon	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	23	100.0%	16400	332	9580	3240	3710	No	-	17	94.1%	15500	<MDL	10000	2200	4110	57	100.0%	150000	15000	86200	59400	21000	No	No WQS identified. Silicon of very low solubility. REACH/ECHA dossier (accessed November 2024) indicates dissolved silicon does not present an environmental hazard.	
Silica	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	49	100.0%	36000	1100	22100	7220	6830	No	-	37	83.8%	9000	<MDL	6520	1250	2150	-	-	-	-	-	-	-	No	No WQS identified. REACH/ECHA dossier (accessed November 2024) indicates dissolved silicon does not present an environmental hazard.	
Tin	µg/L	mg/kg	Not defined	-	10	µg/l	Yes	-	49	8.2%	13	<MDL	1.34	0.281	0.702	No	-	65	15.4%	4.6	<MDL	1.24	0.254	0.609	124	71.0%	91	<MDL	1.6	2.65	9.84	No	Leachate does not exceed WQS.	
Titanium	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	49	32.7%	3.5	<MDL	1.12	0.249	0.411	No	-	65	38.5%	15	<MDL	4.32	0.352	2.77	124	100.0%	2100	130	1400	686	367	No	Single detect in leachate.	
Vanadium	µg/L	mg/kg	Not defined	-	100	µg/l	No	-	55	65.5%	29	<MDL	12.1	2.31	4.97	Yes	-	83	100.0%	130	0.8	67	12	26.2	146	99.3%	4800	<MDL	4050	339	1270	Yes	Leachate exceeds WQS	
Zinc	µg/L	mg/kg	Non hazardous	-	7.9	µg/l	Yes	-	72	83.3%	120	<MDL	30.7	7	9.17	Yes	-	101	53.5%	106	<MDL	19.5	1.62	12.2	162	100.0%	7400	2.1	911	117	861	Yes	Leachate exceeds WQS	
Inorganics																																		
Ammonia	mg/L	mg/kg	Non hazardous	-	0.021	mg/l	Yes	-	6	83.3%	49.4	<MDL	38.7	2.48	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No	No soil or leachate data. Better represented by ammoniacal and nitrite/nitrate species.	
Ammoniacal Nitrogen as N	mg/L	mg/kg	Non hazardous	-	0.021	mg/l	Yes	-	64	98.4%	40.7	<MDL	9.62	2.14	6.59	Yes	-	101	60.4%	2.72	<MDL	0.395	0.0441	0.404	142	68.3%	152	<MDL	6	1.19	12.8	Yes	Leachate exceeds WQS	
Nitrogen (Total)	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	16	93.8%	11700	<MDL	8580	2560	3140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No	No soil or leachate data. Better represented by ammoniacal and nitrite/nitrate species.
Calcium	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	73	100.0%	1150	16.5	594	254	244	No	-	82	100.0%	842	2.4	438	86.2	157	140	96.4%	390000	<MDL	280000	61400	84900	No	No WQS identified. Typical calcium levels in sea water around 400mg/l are higher than mean leachate concentration.	
Chloride	mg/L	mg/kg	Not defined	-	250	mg/l	Yes	-	81	100.0%	12700	21	9220	419	3150	No	-	97	96.9%	75	<MDL	17.2	3.3	9.3	140	100.0%	17600	2	227	35.1	1490	No	Leachate does not exceed EQS. Present in seawater at typical concentrations of 20,000mg/l.	
Cyanide (Free)	µg/L	mg/kg	Non hazardous	-	50	µg/l	No	-	81	55.6%	17.7	<MDL	10.2	4.66	3.47	No	-	82	39.0%	5.2	<MDL	1.25	0.205	0.72	162	3.1%	0.3	<MDL	0.5	0.142	0.18	No	Leachate does not exceed WQS.	

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundation Central East HRA

Table 1b: Selected Contaminants of Concern - Foundry Central East Sand Fill

Analyte	Units		Water Quality Standards (WQS)					Groundwater										Leachate										Soil					Further consideration ?	Comments
	Leachate & Groundwater	Soil	Confirmed Hazardous Pollutants	LoQ (MRV)	Lowest EQS / DWS	Units	Lowest EQS/DWS Exceeded?	LoQ (MRV) Exceeded?	No. Samples	%>MDL	Maximum	Minimum	95th percentile	Mean ²	Standard Deviation	Lowest EQS/DWS Exceeded?	LoQ (MRV) Exceeded?	No. Samples	%>MDL	Maximum	Minimum	95th percentile	Mean ²	Standard Deviation	No. Samples	%>MDL	Maximum	Minimum	95th percentile	Mean ²	Standard Deviation			
Metals																																		
Aluminium	µg/L	mg/kg	Not defined	-	200	µg/l	Yes	-	72	62.5%	1100	<MDL	281	25	254	Yes	-	6	100.0%	410	33	378	116	158	14	92.9%	47000	<MDL	37900	3410	14900	Yes	Leachate exceeds WQS	
Antimony	µg/L	mg/kg	Non hazardous	-	5	µg/l	No	-	49	89.8%	2.3	<MDL	1.15	0.499	0.335	No	-	6	66.7%	2.7	<MDL	2.53	0.364	1.15	14	64.3%	12	<MDL	6.74	1.34	3.03	No	Leachate does not exceed WQS.	
Arsenic	µg/L	mg/kg	Hazardous	5	10	µg/l	Yes	Yes	74	98.0%	46	<MDL	23.5	6.31	7.61	No	No	10	100.0%	4.8	0.48	4.17	1.91	1.36	23	100.0%	47	3.9	23.8	9.65	9.61	No	Leachate does not exceed WQS.	
Barium	µg/L	mg/kg	Not defined	-	1300	µg/l	No	-	49	100.0%	310	38	207	105	64.9	No	-	10	100.0%	63	8.3	61.7	40.8	18.8	14	100.0%	470	54	438	257	130	No	Leachate does not exceed WQS.	
Beryllium	µg/L	mg/kg	Not defined	-	-	-	-	-	49	0.0%	<MDL	<MDL	<MDL	<MDL	-	-	-	10	0.0%	<MDL	<MDL	<MDL	<MDL	-	14	100.0%	5.2	0.3	4.36	1.21	1.62	No	Measured <MDL in leachate.	
Boron	µg/L	mg/kg	Not defined	-	1000	µg/l	Yes	-	81	97.5%	3030	<MDL	740	288	348	No	-	10	50.0%	120	<MDL	99.7	42.6	30.3	15	93.3%	5.5	<MDL	5.01	2.01	1.62	No	Leachate does not exceed WQS.	
Cadmium	µg/L	mg/kg	Non hazardous	-	0.2	µg/l	No	-	72	8.3%	0.157	<MDL	0.0624	0.0299	0.0166	No	-	10	20.0%	0.06	<MDL	0.051	0.022	0.0155	15	73.3%	2.6	<MDL	1.06	0.177	0.634	No	Leachate does not exceed WQS.	
Chromium	µg/L	mg/kg	Not defined	-	0.6	µg/l	Yes	-	26	61.5%	26.3	<MDL	350	24.5	205	Yes	-	10	60.0%	0.97	<MDL	0.804	0.389	0.277	23	100.0%	940	4.6	452	40.4	209	Yes	Leachate exceeds WQS	
Copper	µg/L	mg/kg	Non hazardous	-	3.76	µg/l	Yes	-	72	33.3%	22	<MDL	6.32	0.559	5.09	Yes	-	10	90.0%	3.4	<MDL	2.68	1.04	0.891	15	100.0%	210	1.7	104	16.2	51.7	No	Leachate does not exceed WQS.	
Ferric Iron	µg/L	mg/kg	Not defined	-	1000	µg/l	No	-	24	8.3%	260	<MDL	82.4	29.4	56.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No	No soil or leachate data. Better represented by iron
Iron	µg/L	mg/kg	Not defined	-	200	µg/l	Yes	-	77	80.5%	8300	<MDL	342	40.4	92.5	No	-	10	40.0%	53	<MDL	35.5	5.19	15.6	14	92.9%	51000	<MDL	35400	5910	14300	No	Leachate does not exceed WQS.	
Lead	µg/L	mg/kg	Hazardous	0.2	1.3	µg/l	Yes	Yes	72	25.0%	4.62	<MDL	0.796	0.146	0.299	No	Yes	10	50.0%	1	<MDL	0.897	0.153	0.362	23	100.0%	180	5.3	152	28.5	44.7	Yes	Leachate exceeds MRV	
Manganese	µg/L	mg/kg	Not defined	-	50	µg/l	Yes	-	72	65.1%	1140	<MDL	350	24.5	205	No	-	10	100.0%	26	0.24	22	3.51	8.53	14	92.9%	9600	<MDL	9080	1060	3390	No	Leachate does not exceed WQS.	
Mercury	µg/L	mg/kg	Hazardous	0.02	0.07	µg/l	Yes	Yes	71	46.5%	0.32	<MDL	0.126	0.0183	0.0595	Yes	Yes	10	40.0%	0.08	<MDL	0.053	0.00871	0.0233	15	33.3%	0.89	<MDL	0.533	0.0561	0.233	Yes	Leachate exceeds WQS & MRV	
Molybdenum	µg/L	mg/kg	Non hazardous	-	70	µg/l	Yes	-	72	98.6%	140	<MDL	114	30	33.4	No	-	6	100.0%	4.6	1.1	4.33	2.6	1.25	14	78.6%	5.6	<MDL	3.91	0.842	1.51	No	Leachate does not exceed WQS.	
Nickel	µg/L	mg/kg	Non hazardous	-	8.6	µg/l	Yes	-	72	95.8%	11	<MDL	8.21	1.8	2.88	No	-	10	10.0%	0.6	<MDL	0.443	0.285	0.111	15	100.0%	32	1.8	25	7.08	8.2	No	Leachate does not exceed WQS.	
Selenium	µg/L	mg/kg	Non hazardous	-	10	µg/l	No	-	70	57.1%	5.9	<MDL	3.73	1.02	1.33	No	-	10	90.0%	1.7	<MDL	1.52	0.696	0.483	15	66.7%	8.7	<MDL	6.04	1.05	2.47	No	Leachate does not exceed WQS.	
Silicon	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	23	100.0%	16400	332	9580	3240	3710	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No	Silicon of very low solubility. REACH/ECHEA dossier (accessed November 2024) indicates dissolved silicon does not present an environmental hazard.
Silica	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	49	100.0%	36000	1100	22100	7220	6830	No WQS	-	2	100.0%	2900	640	2790	1770	1600	-	-	-	-	-	-	-	-	No	No WQS identified. REACH/ECHEA dossier (accessed November 2024) indicates dissolved silicon does not present an environmental hazard.
Tin	µg/L	mg/kg	Not defined	-	10	µg/l	Yes	-	49	8.2%	13	<MDL	1.34	0.281	0.702	-	-	6	0.0%	<MDL	<MDL	<MDL	<MDL	<MDL	-	14	50.0%	12	<MDL	7	1.14	3.09	No	Measured <MDL in leachate.
Titanium	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	49	32.7%	3.5	<MDL	1.12	0.249	0.411	-	-	6	0.0%	<MDL	<MDL	<MDL	<MDL	<MDL	-	14	100.0%	2100	110	1370	443	509	No	Measured <MDL in leachate.
Vanadium	µg/L	mg/kg	Not defined	-	100	µg/l	No	-	55	65.5%	29	<MDL	12.1	2.31	4.97	No	-	10	90.0%	87	<MDL	81.2	5.7	32.6	14	100.0%	750	0.9	731	65.8	249	No	Leachate does not exceed WQS.	
Zinc	µg/L	mg/kg	Non hazardous	-	7.9	µg/l	Yes	-	72	83.3%	120	<MDL	30.7	7	9.17	Yes	-	10	50.0%	30	<MDL	20	1.88	9.12	15	100.0%	710	23.8	367	86.2	170	Yes	Leachate exceeds WQS	
Inorganics																																		
Ammonia	mg/L	mg/kg	Non hazardous	-	0.021	mg/l	Yes	-	6	83.3%	49.4	<MDL	38.7	2.48	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No	No soil or leachate data. Better represented by ammoniacal and nitrite/nitrate species.
Ammoniacal Nitrogen as N	mg/L	mg/kg	Non hazardous	-	0.021	mg/l	Yes	-	64	98.4%	40.7	<MDL	9.62	2.14	6.59	Yes	-	10	70.0%	0.1	<MDL	0.0958	0.0297	0.0363	14	92.9%	4	<MDL	3.35	1.08	1.15	Yes	Leachate exceeds WQS	
Nitrogen (Total)	µg/L	-	Not defined	-	-	-	No WQS	-	16	93.8%	11700	<MDL	8580	2560	3140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No	No soil or leachate data. Better represented by ammoniacal and nitrite/nitrate species.
Calcium	mg/L	mg/kg	Not defined	-	-	-	No WQS	-	73	100.0%	1150	16.5	594	254	244	No WQS	-	6	100.0%	260	36	235	99.8	91.6	14	85.7%	140000	<MDL	127000	5350	49300	No	No WQS identified. Typical calcium levels in sea water around 400mg/l are higher than mean leachate concentration.	
Chloride	mg/L	mg/kg	Not defined	-	250	mg/l	Yes	-	81	100.0%	12700	<MDL	21	9220	419	3150	Yes	-	9	100.0%	10	1.3	8.92	4.03	2.95	14	100.0%	122	6.8	109	33.2	35.6	No	Leachate does not exceed EQS. Present in seawater at typical concentrations of 20,000mg/l.
Cyanide (Free)	µg/L	mg/kg	Non hazardous	-	50	µg/l	No	-	81	55.6%	17.7	<MDL	10.2	4.66	3.47	No	-	6	66.7%	0.6	<MDL	0.55	0.162	0.224	15	6.7%	0.2	<MDL	0.29	0.09	0.12	No	Leachate does not exceed WQS.	
Cyanide Total	µg/L	mg/kg	Non hazardous	-	1	µg/l	Yes	-	82	75.6%	310	<MDL	143	15.3	47.5	Yes	-	6	83.3%	14	<MDL	11	1	5.35	15	73.3%	1.3	<MDL	1.02	0.246	0.356	Yes	Leachate exceeds WQS	
Cyanide (complex)	µg/L	mg/kg	Non hazardous	-	50	µg/l	Yes	-	74	79.7%	150	<MDL	103	11.4	31.4	-	-	6	0.0%	<MDL	<MDL	<MDL	<MDL	<MDL	-	14	57.1%	1.3	<MDL	1.04	0.25	0.366	No	Measured <MDL in leachate.
Ferrous Iron	µg/L	mg/kg	Not defined	-	1000	µg/l	Yes	-	24	20.8%	7840	<MDL	1800	88.8	1880	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No	No soil or leachate data. Better represented by iron
Fluoride	µg/L	mg/kg	Not defined	-	1500	µg/l	Yes	-	73	45.2%	130000	<MDL	26800	3130	11000	No	-	6	100.0%	610	200	608	370	188	14	100.0%	15	4.1	13.7	8.91	2.9	No	Present in seawater typically >1mg/l.	
Inorganic Nitrogen	mg/L	mg/kg	Not defined	-	-	-	No WQS	-	69	39.1%	0.69	<MDL	0.248	0.0419	0.0947	No WQS	-	6	16.7%	0.04	<MDL	0.0338	0.0175	0.0117	14	0.0%	<MDL	<MDL	<MDL	<MDL	<MDL	-	No	No WQS identified. Seawater typically contains 1300ppm magnesium and is most common cation after sodium.
Magnesium	mg/L	mg/kg	Not defined	-	-	-	No WQS	-	80	98.8%	744	<MDL	177																					

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA

Table 1c: Selected Contaminants of Concern - Steel House Made Ground

Analyte	Units		Water Quality Standards (WQS) ¹										Leachate										Soil										Further consideration ?	Comments
	Leachate & Groundwater	Soil	Confirmed Hazardous Pollutants	LoQ (MRV)	Lowest EQS / DWS	Units	Lowest EQS/DWS Exceeded ?	LoQ (MRV) Exceeded ?	No. Samples	% >MDL	Maximum	Minimum	95th percentile	Mean ²	Standard Deviation	No. Samples	% >MDL	Maximum	Minimum	95th percentile	Mean ²	Standard Deviation												
Metals																																		
Aluminium	µg/L	mg/kg	Not defined	-	200	µg/l	Yes	-	32	100.0%	2810	49	2660	494	855	52	100.0%	68480	7236	39100	21200	10500	Yes	Leachate exceeds WQS										
Antimony	µg/L	mg/kg	Non hazardous	-	5	µg/l	Yes	-	35	17.1%	134	<MDL	14.7	1.49	22.6	52	71.2%	18	<MDL	10.5	2.16	3.44	Yes	Leachate exceeds WQS										
Arsenic	µg/L	mg/kg	Hazardous	5	10	µg/l	Yes	Yes	35	45.7%	15.8	<MDL	9.95	2.27	3.33	53	100.0%	60	0.7	35.8	12.1	11.5	Yes	Leachate exceeds MRV										
Barium	µg/L	mg/kg	Not defined	-	1300	µg/l	No	-	35	100.0%	692	6	521	44.7	173	52	100.0%	1140	100	824	396	227	No	Leachate does not exceed WQS.										
Beryllium	µg/L	mg/kg	Not defined	-	-	-	-	-	3	0.0%	<MDL	<MDL	<MDL	<MDL	-	20	90.0%	5	<MDL	5	2.2	1.31	No	Measured <MDL in leachate.										
Boron	µg/L	mg/kg	Not defined	-	1000	µg/l	No	-	35	74.3%	973	<MDL	158	32.3	162	53	96.2%	42.7	<MDL	8.24	2.29	5.89	No	Leachate does not exceed WQS.										
Cadmium	µg/L	mg/kg	Non hazardous	-	0.2	µg/l	No	-	35	5.7%	0.13	<MDL	0.25	0.236	0.0466	53	47.2%	30.3	<MDL	4.88	0.193	4.33	No	Leachate does not exceed WQS.										
Chromium	µg/L	mg/kg	Not defined	-	0.6	µg/l	Yes	-	35	85.7%	92.3	<MDL	67.7	7.4	23.1	53	100.0%	2328	28.6	1240	269	473	Yes	Leachate exceeds WQS										
Chromium (hexavalent)	µg/L	mg/kg	Hazardous	1	0.6	µg/l	Yes	Yes	35	37.1%	109	<MDL	51.5	8	24.2	53	1.9%	2.7	<MDL	0.5	0.25	0.373	Yes	Leachate exceeds WQS & MRV										
Copper	µg/L	mg/kg	Non hazardous	-	3.76	µg/l	Yes	-	35	31.4%	162	<MDL	29.9	5.61	27.3	53	100.0%	472	11	141	48.7	68.4	Yes	Leachate exceeds WQS										
Ferric Iron	µg/L	mg/kg	Not defined	-	1000	µg/l	Yes	-	32	21.9%	2540	<MDL	149	16.6	447	-	-	-	-	-	-	-	No	One exceedance of WQS. Iron adopted as an indicator for further assessment										
Iron	µg/L	mg/kg	Not defined	-	200	µg/l	Yes	-	35	45.7%	2540	<MDL	407	12.7	434	107	100.0%	390100	0	199000	-	68700	Yes	Leachate exceeds WQS										
Lead	µg/L	mg/kg	Hazardous	0.2	1.3	µg/l	Yes	Yes	35	17.1%	26	<MDL	21.1	2.93	6.11	53	100.0%	1416	14	222	64	193	Yes	Leachate exceeds WQS & MRV										
Manganese	µg/L	mg/kg	Not defined	-	50	µg/l	No	-	35	17.1%	36	<MDL	8.1	1.41	6.24	52	100.0%	91330	652	48500	13100	18000	No	Leachate does not exceed WQS.										
Mercury	µg/L	mg/kg	Hazardous	0.02	0.07	µg/l	Yes	Yes	35	45.7%	0.605	<MDL	0.18	0.0125	0.108	53	13.2%	8.2	<MDL	2.74	0.131	1.5	Yes	Leachate exceeds WQS & MRV										
Molybdenum	µg/L	mg/kg	Non hazardous	-	70	µg/l	No	-	35	97.1%	21.3	<MDL	15.8	6.53	4.31	52	100.0%	17	0.7	8.77	3.7	2.86	No	Leachate does not exceed WQS.										
Nickel	µg/L	mg/kg	Non hazardous	-	8.6	µg/l	Yes	-	35	14.3%	22	<MDL	4.06	1.23	3.59	53	100.0%	103	7.6	80.6	30.1	18.7	Yes	Leachate exceeds WQS										
Selenium	µg/L	mg/kg	Non hazardous	-	10	µg/l	-	-	32	0.0%	<MDL	<MDL	<MDL	<MDL	-	33	90.9%	41	<MDL	16.2	4.8	7.55	No	Measured <MDL in leachate.										
Silicon	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	32	100.0%	17800	267	15200	2940	4430	52	100.0%	12000	65.5	7650	343	2710	No	No WQS identified. Silicon of very low solubility. REACH dossier indicates dissolved silicon does not present an environmental hazard.										
Vanadium	µg/L	mg/kg	Not defined	-	100	µg/l	Yes	-	35	91.4%	577	<MDL	262	38.9	118	108	100.0%	6466	0	3480	-	1250	Yes	Leachate exceeds WQS										
Zinc	µg/L	mg/kg	Non hazardous	-	7.9	µg/l	Yes	-	35	25.7%	126	<MDL	11.9	2.47	21	53	100.0%	16660	43	830	184	2270	Yes	Leachate exceeds WQS										
Inorganics																																		
Ammonia	mg/L	mg/kg	Non hazardous	-	0.021	mg/l	Yes	-	3	100.0%	7.71	0.307	7	1.12	4.19	-	-	-	-	-	-	-	Yes	Leachate exceeds WQS										
Ammoniacal Nitrogen as N	mg/L	mg/kg	Non hazardous	-	0.021	mg/l	Yes	-	32	56.3%	9.17	<MDL	0.125	0.0375	1.61	32	6.3%	122.9	<MDL	0.66	0.377	21.7	Yes	Leachate exceeds WQS										
Calcium	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	32	100.0%	962	4.2	795	92.8	251	86	100.0%	263400	7480	226000	115000	60500	No	No WQS identified. Typical calcium levels in sea water around 400mg/l are higher than mean leachate concentration.										
Chloride	µg/L	mg/kg	Not defined	-	250	mg/l	No	-	35	97.1%	23.7	<MDL	21.6	4.81	5.86	32	100.0%	344	15	221	98.1	65.9	No	Leachate does not exceed WQS.										
Cyanide (Free)	µg/L	mg/kg	Non hazardous	-	50	µg/l	No	-	32	40.6%	5	<MDL	3.45	1.08	1.09	53	1.9%	0.9	<MDL	0.5	0.357	0.143	No	Leachate does not exceed WQS.										
Cyanide Total	µg/L	mg/kg	Non hazardous	-	1	µg/l	Yes	-	35	82.9%	87	<MDL	38.6	3.89	17.2	53	39.6%	12.6	<MDL	3.34	0.612	1.82	Yes	Leachate exceeds WQS										
Cyanide (complex)	µg/L	mg/kg	Non hazardous	-	50	µg/l	Yes	-	32	90.6%	87	<MDL	40.9	2.97	18	-	-	-	-	-	-	-	Yes	Leachate exceeds WQS										
Ferrous Iron	µg/L	mg/kg	Not defined	-	1000	µg/l	No	-	32	18.8%	310	<MDL	115	13.4	64.5	-	-	-	-	-	-	-	No	Leachate does not exceed WQS.										
Inorganic Nitrogen	mg/l	mg/kg	Not defined	-	-	-	No WQS	-	32	93.8%	10.6	<MDL	9.12	0.351	2.77	32	21.9%	130	<MDL	57.3	2.17	26	No	No WQS identified. Sum of inorganic nitrogen species. Assessed by speciated nitrogen methods (nitrate/nitrite/ammoniacal nitrogen)										
Magnesium	mg/L	mg/kg	Not defined	-	-	-	No WQS	-	35	34.3%	10.7	<MDL	3.74	0.0852	2.27	52	100.0%	35470	5015	32000	19100	7620	No	No WQS identified. Seawater typically contains 1300ppm magnesium and is most common cation after sodium.										
Nitrate (as NO3-)	mg/L	mg/kg	Not defined	-	50	mg/l	No	-	26	84.6%	45	<MDL	29.6	0.931	11.1	32	21.9%	254.2	<MDL	121	2.7	59.3	No	Leachate does not exceed WQS.										
Nitrite (as NO2-)	mg/L	mg/kg	Not defined	-	0.5	mg/l	Yes	-	26	76.9%	1.5	<MDL	0.778	0.113	0.342	32	87.5%	13.05	<MDL	3.69	0.491	2.37	Yes	Leachate exceeds WQS										
Ortho phosphate as PO4	mg/l	mg/kg	Not defined	-	-	-	No WQS	-	32	9.4%	0.43	<MDL	0.089	0.0349	0.0716	32	6.3%	1.8	<MDL	0.218	0.166	0.292	No	No WQS identified. Measured >MDL in leachate. Typical phosphate levels in sea water around 70µg/l are higher than mean leachate concentration.										
Potassium	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	32	100.0%	33.1	0.3	29.3	7.97	8.31	86	100.0%	5611	200	4220	1610	1170	No	Typical sea water concentration are 400ppm. Soil concentrations unlikely to cause associated natural background to be exceeded.										
Sodium	µg/L	mg/kg	Not defined	-	200	mg/l	No	-	32	100.0%	55.3	1	38.3	7.45	12.6	32	100.0%	2275	287	1910	887	466	No	Leachate does not exceed WQS.										
Sulphate	mg/L	mg/kg	Not defined	-	250	mg/l	Yes	-	35	91.4%	294	<MDL	126	17.8	58.7	33	100.0%	15260	357	7000	3280	2750	Yes	Leachate exceeds WQS										
Sulphide	µg/L	mg/kg	Not defined	-	10	µg/l	-	-	32	0.0%	<MDL	<MDL	<MDL	<MDL	-	32	3.1%	13	<MDL	5	5.25	1.41	No	Measured <MDL in leachate.										
Thiocyanate (as SCN)	µg/L	mg/kg	Not defined	-	9	µg/l	Yes	-	32	12.5%	230	<MDL	44.5	12.5	39.5	53	32.1%	9.7	<MDL	5.86	0.648	2.09	Yes	Leachate exceeds WQS										
Polycyclic Aromatic Hydrocarbons																																		
Naphthalene	µg/L	mg/kg	Non hazardous	-	2	µg/l	Yes	-	35	82.9%	1040	<MDL	117	0.518	178	53	84.9%	2265.82	<MDL	181	0.289	322	Yes	Leachate exceeds WQS										
Acenaphthene	µg/L	mg/kg	Hazardous	0.02	-	-	No WQS	Yes	35	88.6%	6.2	<MDL	2.83	0.0717	1.21	53	67.9%	52.33	<MDL	7.53	0.102	7.59	Yes	Leachate exceeds MRV										
Acenaphthylene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	35	88.6%	14.3	<MDL	3.43	0.037	2.53	53	62.3%	88.37	<MDL	5.17	0.0798	12.2	Yes	Measured >MDL in leachate.										
Fluoranthene	µg/L	mg/kg	Hazardous	0.02	0.0063	µg/l	Yes	Yes	35	88.6%	6	<MDL	2.17	0.158	1.11	53	96.2%	34.55	<MDL	17	1.51	6.81	Yes	Leachate exceeds WQS										
Anthracene	µg/L	mg/kg	Hazardous	0.02	0.1	µg/l	Yes	Yes	35	82.9%	0.91	<MDL	0.709	0.0435	0.246	53	84.9%	28.31	<MDL	8.01	0.249	4.35	Yes	Leachate exceeds WQS & MRV										
Phenanthrene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	35	91.4%	4.																							

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA

Table 1d: Selected Contaminants of Concern - Land West of Warrenby Made Ground

Analyte	Units		Water Quality Standards (WQS)					Leachate								Soil					Further consideration?	Comments		
	Leachate & Groundwater	Soil	Confirmed Hazardous Pollutants	LoQ (MRV)	Lowest EQS / DWS	Units	Lowest EQS/DWS Exceeded?	LoQ (MRV) Exceeded?	No. Samples	% >MDL	Maximum	Minimum	95th percentile	Mean²	Standard Deviation	No. Samples	% >MDL	Maximum	Minimum	95th percentile			Mean²	Standard Deviation
Metals																								
Aluminium	µg/L	mg/kg	Not defined	-	200	µg/l	Yes	-	103	99.0%	1600	<MDL	1350	215	384	103	99.0%	84600	<MDL	72000	32600	19200	Yes	Leachate exceeds WQS
Arsenic	µg/L	mg/kg	Hazardous	5	10	µg/l	Yes	Yes	103	70.9%	21.4	<MDL	10.1	3.24	3.78	99	96.0%	101.3	<MDL	52	21	15.2	Yes	Leachate exceeds WQS & MRV
Barium	µg/L	mg/kg	Not defined	-	1300	µg/l	-	-	-	-	-	-	-	-	-	73	100.0%	1320	40	881	510	207	No	No leachate data. REACH/ECHA dossier (accessed November 2024) states marine aquatic toxicity unlikely.
Boron	µg/L	mg/kg	Not defined	-	1000	µg/l	No	-	103	91.3%	282	<MDL	180	60.4	53.7	95	100.0%	9.2	1.6	6	3.4	1.41	No	Leachate does not exceed WQS.
Cadmium	µg/L	mg/kg	Non hazardous	-	0.2	µg/l	-	-	103	0.0%	<MDL	<MDL	<MDL	<MDL	-	99	33.3%	30.6	<MDL	4.12	0.492	4.22	No	Leachate below MDL.
Chromium	µg/L	mg/kg	Not defined	-	0.6	µg/l	Yes	-	103	68.0%	78.7	<MDL	42.5	4.27	14.7	99	100.0%	1469	13.5	881	223	303	Yes	Leachate exceeds WQS
Chromium (hexavalent)	µg/L	mg/kg	Hazardous	1	0.6	µg/l	Yes	Yes	6	66.7%	48	<MDL	40	5.77	17.9	95	1.1%	48.4	<MDL	0.15	0.159	4.95	Yes	Leachate exceeds WQS & MRV
Copper	µg/L	mg/kg	Non hazardous	-	3.76	µg/l	Yes	-	103	12.6%	31	<MDL	11.8	4.68	3.87	99	91.9%	249	<MDL	156	47.7	46.9	Yes	Leachate exceeds WQS
Ferric Iron	µg/L	mg/kg	Not defined	-	1000	µg/l	No	-	100	2.0%	210	<MDL	10	10.7	21.4	-	-	-	-	-	-	-	No	Leachate does not exceed WQS.
Iron	µg/L	mg/kg	Not defined	-	200	µg/l	Yes	-	103	23.3%	214	<MDL	19.8	3.51	24.4	102	100.0%	279000	6037	142000	65700	44600	Yes	Leachate exceeds WQS
Lead	µg/L	mg/kg	Hazardous	0.2	1.3	µg/l	Yes	Yes	103	2.9%	36	<MDL	2.5	2.65	3.7	103	80.6%	2898	<MDL	595	141	377	Yes	Leachate exceeds WQS & MRV
Manganese	µg/L	mg/kg	Not defined	-	50	µg/l	Yes	-	103	14.6%	229	<MDL	6.9	1.34	22.8	101	100.0%	68760	946	22600	7710	8720	Yes	Leachate exceeds WQS
Mercury	µg/L	mg/kg	Hazardous	0.02	0.07	µg/l	No	Yes	103	10.7%	0.07	<MDL	0.02	0.00588	0.00955	95	12.6%	0.5	<MDL	1	0.494	0.454	Yes	Leachate exceeds MRV.
Molybdenum	µg/L	mg/kg	Non hazardous	-	70	µg/l	-	-	-	-	-	-	-	-	-	1	100.0%	2.7	2.7	2.7	2.7	-	No	Single soil sample. Risk from metals better represented by wider metal suite
Nickel	µg/L	mg/kg	Non hazardous	-	8.6	µg/l	-	-	103	0.0%	<MDL	<MDL	<MDL	<MDL	-	99	92.9%	453.1	<MDL	58.9	24.3	45.9	No	Leachate below MDL.
Silicon	µg/L	mg/kg	Not defined	-	-	-	-	-	-	-	-	-	-	-	-	1	100.0%	134.1	134.1	134	134	-	No	No WQS identified. Silicon of very low solubility. REACH/ECHA dossier (accessed November 2024) indicates dissolved silicon does not present an environmental hazard.
Vanadium	µg/L	mg/kg	Not defined	-	100	µg/l	Yes	-	103	97.1%	291	<MDL	196	56.1	54.9	103	100.0%	3106	33	2020	504	602	Yes	Leachate exceeds WQS
Zinc	µg/L	mg/kg	Non hazardous	-	7.9	µg/l	Yes	-	103	14.6%	36	<MDL	4	1.79	3.67	103	96.1%	17850	<MDL	1370	375	1820	Yes	Leachate exceeds WQS
Inorganics																								
Ammoniacal Nitrogen as N	mg/L	mg/kg	Non hazardous	-	0.021	mg/l	Yes	-	103	34.0%	0.14	<MDL	0.07	0.0275	0.0239	95	35.8%	4.4	<MDL	2.5	0.502	0.823	Yes	Leachate exceeds WQS
Calcium	mg/L	mg/kg	Not defined	-	-	-	No WQS	-	103	100.0%	870	15.4	539	151	173	101	100.0%	254500	68720	222000	159000	39000	No	No WQS identified. Typical calcium levels in sea water around 400mg/l are higher than mean leachate concentration.
Chloride	mg/L	mg/kg	Not defined	-	250	mg/l	-	-	-	-	-	-	-	-	-	1	100.0%	35	35	35	35	-	No	No leachate data. Chloride present in seawater at typical concentrations of 20,000mg/l. Soil concentrations unlikely to cause natural background to be exceeded.
Cyanide (Free)	µg/L	mg/kg	Non hazardous	-	50	µg/l	No	-	100	15.0%	6	<MDL	3.05	0.632	1.03	95	0.0%	<MDL	<MDL	<MDL	<MDL	-	No	Leachate does not exceed WQS.
Cyanide Total	µg/L	mg/kg	Non hazardous	-	1	µg/l	Yes	-	102	87.3%	177	<MDL	32.6	3.99	21.4	95	46.3%	15.1	<MDL	7.18	0.585	2.44	Yes	Leachate exceeds WQS
Cyanide (complex)	µg/L	mg/kg	Non hazardous	-	50	µg/l	Yes	-	100	85.0%	173	<MDL	33.5	3.78	21.3	95	46.3%	12.4	<MDL	4.69	0.576	1.99	Yes	Leachate exceeds WQS
Ferrous Iron	µg/L	mg/kg	Not defined	-	1000	µg/l	No	-	100	55.0%	400	<MDL	220	27.7	71.7	-	-	-	-	-	-	-	No	Leachate does not exceed WQS.
Inorganic Nitrogen	mg/l	mg/kg	Not defined	-	-	-	No WQS	-	103	76.7%	6.4	<MDL	0.478	0.107	0.63	95	11.6%	45.1	<MDL	3.65	1.45	4.54	No	No WQS identified. Sum of inorganic nitrogen species. Assessed by speciated nitrogen methods (nitrate/nitrite/ammoniacal nitrogen)
Magnesium	mg/L	mg/kg	Not defined	-	-	-	No WQS	-	103	78.6%	48.5	<MDL	11.3	0.751	5.59	101	100.0%	47920	11320	37400	27400	6730	No	No WQS identified. Seawater typically contains 1300ppm magnesium and is most common cation after sodium.
Nitrate (as NO3-)	mg/L	mg/kg	Not defined	-	50	mg/l	No	-	103	68.9%	28.3	<MDL	1.8	0.386	2.78	95	5.3%	196.6	<MDL	4.47	1.46	20.1	No	Leachate does not exceed WQS.
Nitrite (as NO2-)	mg/L	mg/kg	Not defined	-	0.5	mg/l	No	-	103	38.8%	0.29	<MDL	0.11	0.0195	0.0496	95	62.1%	2.53	<MDL	1.08	0.143	0.448	No	Leachate does not exceed WQS.
Ortho phosphate as PO4	mg/l	mg/kg	Not defined	-	-	-	No WQS	-	102	10.8%	2.4	<MDL	0.08	0.0349	0.235	95	5.3%	4.4	<MDL	0.285	0.171	0.578	No	No WQS identified. Measured >MDL in leachate. Typical phosphate levels in sea water around 70µg/l are higher than mean leachate concentration.
Phosphorus	µg/L	mg/kg	Not defined	-	-	-	-	-	-	-	-	-	-	-	-	72	100.0%	21910	171	12200	3270	4440	No	Present in seawater (typically ~70µg/l). Soil concentrations unlikely to cause associated natural background to be exceeded.
Potassium	mg/L	mg/kg	Not defined	-	-	-	No WQS	-	103	100.0%	47.5	0.2	14.9	8.34	5.14	101	100.0%	9967	793	4740	2510	1290	No	Typical sea water concentration are 400ppm. Soil concentrations unlikely to cause associated natural background to be exceeded.
Sodium	mg/L	mg/kg	Not defined	-	200	mg/l	No	-	103	100.0%	99.9	1.1	7.69	4.17	9.6	101	100.0%	3698	314	2760	1260	616	No	Leachate does not exceed WQS.
Sulphate	mg/L	mg/kg	Not defined	-	250	mg/l	Yes	-	103	100.0%	1390	6.6	1070	229	317	94	100.0%	53450	843	33100	11000	9860	Yes	Leachate exceeds WQS
Sulphide	µg/L	mg/kg	Not defined	-	10	µg/l	Yes	-	103	6.8%	90	<MDL	10	5.54	9.33	95	1.1%	11	<MDL	5	5.06	0.616	Yes	Leachate exceeds WQS
Thiocyanate (as SCN)	µg/L	mg/kg	Not defined	-	9	µg/l	Yes	-	103	14.6%	90	<MDL	30	14.2	13.2	95	3.2%	1.4	<MDL	0.3	0.322	0.134	Yes	Leachate exceeds WQS
Polycyclic Aromatic Hydrocarbons																								
Naphthalene	µg/L	mg/kg	Non hazardous	-	2	µg/l	Yes	-	103	32.0%	4.5	<MDL	0.4	0.0834	0.462	95	93.7%	10.76	<MDL	0.775	0.172	1.1	Yes	Leachate exceeds WQS
Acenaphthene	µg/L	mg/kg	Hazardous	0.02	-	-	No WQS	Yes	103	94.2%	0.671	<MDL	0.314	0.0512	0.124	95	66.3%	2.09	<MDL	0.843	0.0924	0.34	Yes	Leachate exceeds MRV
Acenaphthylene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	103	91.3%	0.442	<MDL	0.195	0.0307	0.066	95	93.7%	10.59	<MDL	0.579	0.122	1.1	Yes	Measured >MDL in leachate.
Fluoranthene	µg/L	mg/kg	Hazardous	0.02	0.0063	µg/l	Yes	Yes	103	100.0%	11.5	0.014	3.31	0.552	1.52	95	100.0%	60.17	0.1	18.4	2.6	8.75	Yes	Leachate exceeds WQS & MRV
Anthracene	µg/L	mg/kg	Hazardous	0.02	0.1	µg/l	Yes	Yes	103	97.1%	1.43	<MDL	0.413	0.0883	0.191	95	96.8%	21.7	<MDL	2.3	0.377	2.87	Yes	Leachate exceeds WQS & MRV
Phenanthrene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	103	98.1%	4.76	<MDL	1.36	0.247	0.674	95	100.0%	44.19	0.05	8.6	1.39	6.34	Yes	Measured >MDL in leachate.
Fluorene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	103	91.3%	0.488	<MDL	0.142	0.0351	0.0767	95	80.0%	12.44	<MDL	0.897	0.108	1.44	Yes	Measured >MDL in leachate.
Chrysene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	103	100.0%	7.74	0.008	1.56	0.253	0.89	95	100.0%	19.9	0.05	7.21	1.3	3.36	Yes	Measured >MDL in leachate.
Pyrene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	103	100.0%	11.2	0.012	2.46	0.466	1.38	95	100.0%	39.36	0.07	14	2.1	6.36	Yes	Measured >MDL in leachate.
Benzo(a)anthracene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	103	98.1%	7.65	<MDL	1.55	0.245	0.902	95	100.0%	26.64	0.06	7.58	1.24	3.92	Yes	Measured >MDL in leachate.
Benzo(b)fluoranthene	µg/L	mg/kg	Hazardous	0.02	0.025	µg/l	Yes	Yes	103	99.0%	11	<MDL	2.23	0.322	1.4	95	100.0%	23.13	0.07	8.48	1.66	4.03	Yes	Leachate exceeds WQS & MRV
Benzo(k)fluoranthene	µg/L	mg/kg	Hazardous	0.02	0.025	µg/l	Yes	Yes	10															

Table 1e: Selected Contaminants of Concern - South Bank Made Ground																								
Analyte	Units		Water Quality Standards (WQS) ¹					Leachate								Soil						Further consideration?	Comments	
	Leachate & Groundwater	Soil	Confirmed Hazardous Pollutants	LoQ (MRV)	Lowest EQS / DWS	Units	Lowest EQS/DWS Exceeded?	LoQ (MRV) Exceeded?	No. Samples	% >MDL	Maximum	Minimum	95th percentile	Mean ²	Standard Deviation	No. Samples	% >MDL	Maximum	Minimum	95th percentile	Mean ²			Standard Deviation
Metals																								
Aluminium	µg/L	mg/kg	Not defined	-	200	µg/l	Yes	-	18	100.0%	2520	56	1460	381	615	18	100.0%	79440	27950	69200	49000	12600	Yes	Leachate exceeds WQS
Arsenic	µg/L	mg/kg	Hazardous	5	10	µg/l	No	Yes	18	27.8%	5.3	<MDL	4.71	2.1	1.44	18	88.9%	36.6	<MDL	34.8	15.9	8.64	Yes	Leachate exceeds MRV
Barium	µg/L	mg/kg	Not defined	-	1300	µg/l	-	-	-	-	-	-	-	-	-	18	100.0%	673	259	648	483	122	No	Leachate does not exceed WQS.
Boron	µg/L	mg/kg	Not defined	-	1000	µg/l	No	-	18	88.9%	211	<MDL	206	88.9	69.8	18	100.0%	9.9	2.5	8.8	5.42	1.82	No	Leachate does not exceed WQS.
Chromium	µg/L	mg/kg	Not defined	-	0.6	µg/l	Yes	-	18	11.1%	4.5	<MDL	3.48	1.1	1.04	18	100.0%	540.8	31.8	522	92.9	150	Yes	Leachate exceeds WQS
Copper	µg/L	mg/kg	Non hazardous	-	3.76	µg/l	-	-	18	0.0%	<MDL	<MDL	<MDL	<MDL	-	18	44.4%	118	<MDL	54.2	17.4	25.8	No	Measured <MDL in leachate.
Iron	µg/L	mg/kg	Not defined	-	200	µg/l	No	-	18	11.1%	20	<MDL	11.3	3.74	4.42	18	100.0%	115300	16560	110000	42900	27600	No	Leachate does not exceed WQS.
Lead	µg/L	mg/kg	Hazardous	0.2	1.3	µg/l	-	-	18	0.0%	<MDL	<MDL	<MDL	<MDL	-	18	16.7%	581	<MDL	526	69	161	No	Measured <MDL in leachate.
Manganese	µg/L	mg/kg	Not defined	-	50	µg/l	No	-	18	5.6%	5	<MDL	1.6	1.22	0.943	18	100.0%	13830	3458	12900	6570	3050	No	Leachate does not exceed WQS.
Mercury	µg/L	mg/kg	Hazardous	0.02	0.07	µg/l	No	No	18	5.6%	0.01	<MDL	0.025	0.0153	0.0101	18	0.0%	<MDL	<MDL	<MDL	<MDL	-	No	Leachate does not exceed WQS or MRV
Nickel	µg/L	mg/kg	Non hazardous	-	8.6	µg/l	-	-	18	0.0%	<MDL	<MDL	<MDL	<MDL	-	18	11.1%	19.5	<MDL	18.5	8.32	3.85	No	Measured <MDL in leachate.
Vanadium	µg/L	mg/kg	Not defined	-	100	µg/l	No	-	18	100.0%	87.6	14	87.5	48.5	21.6	18	100.0%	486	78	469	204	123	No	Leachate does not exceed WQS.
Zinc	µg/L	mg/kg	Non hazardous	-	7.9	µg/l	-	-	18	0.0%	<MDL	<MDL	<MDL	<MDL	-	18	61.1%	947	<MDL	674	122	248	No	Measured <MDL in leachate.
Inorganics																								
Ammoniacal Nitrogen as N	mg/L	mg/kg	Non hazardous	-	0.021	mg/l	Yes	-	18	83.3%	6.7	<MDL	2.65	0.0785	1.6	-	-	-	-	-	-	-	Yes	Leachate exceeds WQS
Calcium	mg/L	mg/kg	Not defined	-	-	-	No WQS	-	18	100.0%	440	95.2	417	212	97.6	18	100.0%	232900	143400	229000	194000	25100	No	No WQS identified. Typical calcium levels in sea water around 400mg/l are higher than mean leachate concentration.
Cyanide Total	µg/L	mg/kg	Non hazardous	-	1	µg/l	Yes	-	18	33.3%	5	<MDL	3.3	1.11	1.21	18	0.0%	<MDL	<MDL	<MDL	<MDL	-	Yes	Leachate exceeds WQS
Cyanide (complex)	µg/L	mg/kg	Non hazardous	-	50	µg/l	No	-	18	33.3%	5	<MDL	3.3	1.11	1.21	-	-	-	-	-	-	-	No	Leachate does not exceed WQS. Assessed as total cyanide to capture all species.
Ferrous Iron	µg/L	mg/kg	Not defined	-	1000	µg/l	No	-	18	44.4%	60	<MDL	43	21.7	15.4	-	-	-	-	-	-	-	No	Leachate does not exceed WQS.
Inorganic Nitrogen	mg/l	mg/kg	Not defined	-	-	-	No WQS	-	18	66.7%	6.71	<MDL	2.65	0.112	1.59	-	-	-	-	-	-	-	No	No WQS identified. Sum of inorganic nitrogen species. Assessed by speciated nitrogen methods (nitrate/nitrite/ammoniacal nitrogen)
Magnesium	mg/L	mg/kg	Not defined	-	-	-	No WQS	-	18	83.3%	4.6	<MDL	3.84	0.592	1.44	18	100.0%	57560	23090	46700	37500	7330	No	No WQS identified. Seawater typically contains 1300ppm magnesium and is most common cation after sodium.
Nitrate (as NO3-)	mg/L	mg/kg	Not defined	-	50	mg/l	No	-	18	11.1%	3.5	<MDL	2.14	0.143	0.884	-	-	-	-	-	-	-	No	Leachate does not exceed WQS.
Nitrite (as NO2-)	mg/L	mg/kg	Not defined	-	0.5	mg/l	No	-	18	72.2%	0.1	<MDL	0.0745	0.0356	0.0245	-	-	-	-	-	-	-	No	Leachate does not exceed WQS.
Phosphorus	µg/L	mg/kg	Not defined	-	-	-	-	-	-	-	-	-	-	-	-	18	100.0%	4327	409	3910	1240	1160	No	No leachate data. Present in seawater (typically ~70ug/l). Soil concentrations unlikely to cause associated natural background to be exceeded.
Potassium	mg/L	mg/kg	Not defined	-	-	-	No WQS	-	18	100.0%	13.1	3.8	12.3	8.79	2.42	18	100.0%	5527	931	4780	3010	1060	No	Typical sea water concentration are 400ppm. Soil concentrations unlikely to cause associated natural background to be exceeded.
Sodium	mg/L	mg/kg	Not defined	-	200	mg/l	No	-	18	100.0%	17.5	2.9	16.7	9.33	4.08	18	100.0%	2891	780	2610	1540	526	No	Leachate does not exceed WQS.
Sulphate	mg/L	mg/kg	Not defined	-	250	mg/l	Yes	-	18	100.0%	761	67.6	710	338	185	18	100.0%	63030	12140	49000	24700	12300	Yes	Leachate exceeds WQS
Sulphide	µg/L	mg/kg	Not defined	-	10	µg/l	Yes	-	18	38.9%	110	<MDL	59	10.5	26.5	-	-	-	-	-	-	-	Yes	Leachate exceeds WQS
Thiocyanate (as SCN)	µg/L	mg/kg	Not defined	-	9	µg/l	Yes	-	18	33.3%	60	<MDL	43	18.3	14.2	18	0.0%	<MDL	<MDL	<MDL	<MDL	-	Yes	Leachate exceeds WQS
Polycyclic Aromatic Hydrocarbons																								
Naphthalene	µg/L	mg/kg	Non hazardous	-	2	µg/l	Yes	-	18	100.0%	27.5	0.2	8.03	0.958	6.3	18	83.3%	0.23	<MDL	0.179	0.076	0.0517	Yes	Leachate exceeds WQS
Acenaphthene	µg/L	mg/kg	Hazardous	0.02	-	-	No WQS	Yes	18	94.4%	0.343	<MDL	0.14	0.033	0.0774	18	22.2%	0.38	<MDL	0.125	0.0348	0.0837	Yes	Leachate exceeds MRV
Acenaphthylene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	18	100.0%	1.66	0.008	0.373	0.0567	0.378	18	72.2%	0.15	<MDL	0.15	0.0653	0.0442	Yes	Measured >MDL in leachate.
Fluoranthene	µg/L	mg/kg	Hazardous	0.02	0.0063	µg/l	Yes	Yes	18	100.0%	2.65	0.026	2.18	0.232	0.733	18	100.0%	15.01	0.41	6.95	1.09	3.46	Yes	Leachate exceeds WQS & MRV
Anthracene	µg/L	mg/kg	Hazardous	0.02	0.1	µg/l	Yes	Yes	18	94.4%	0.59	<MDL	0.372	0.0449	0.148	18	100.0%	1.88	0.05	0.698	0.151	0.424	Yes	Leachate exceeds WQS & MRV
Phenanthrene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	18	100.0%	3.43	0.022	1.23	0.16	0.787	18	100.0%	9.17	0.22	2.55	0.562	2.06	Yes	Measured >MDL in leachate.
Fluorene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	18	100.0%	1.29	0.008	0.374	0.049	0.295	18	50.0%	0.57	<MDL	0.179	0.0437	0.127	Yes	Measured >MDL in leachate.
Chrysene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	18	100.0%	1.19	0.011	0.719	0.11	0.298	18	100.0%	4.84	0.24	3.26	0.61	1.16	Yes	Measured >MDL in leachate.
Pyrene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	18	100.0%	2.05	0.021	1.28	0.189	0.515	18	100.0%	11.03	0.34	5.7	0.893	2.57	Yes	Measured >MDL in leachate.
Benzo(a)anthracene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	18	100.0%	1.13	0.008	0.626	0.0957	0.27	18	100.0%	5.25	0.19	3.14	0.544	1.24	Yes	Measured >MDL in leachate.
Benzo(b)fluoranthene	µg/L	mg/kg	Hazardous	0.02	0.025	µg/l	Yes	Yes	18	100.0%	1.18	0.011	0.744	0.112	0.288	18	100.0%	5.1	0.24	3.7	0.665	1.26	Yes	Leachate exceeds WQS & MRV
Benzo(k)fluoranthene	µg/L	mg/kg	Hazardous	0.02	0.025	µg/l	Yes	Yes	18	94.4%	0.458	<MDL	0.289	0.0434	0.112	18	100.0%	1.99	0.1	1.44	0.262	0.489	Yes	Leachate exceeds WQS & MRV
Benzo(a)pyrene	µg/L	mg/kg	Hazardous	0.02	0.00017	µg/l	Yes	Yes	18	100.0%	0.873	0.007	0.505	0.0655	0.21	18	55.6%	3.68	<MDL	2.5	0.144	0.951	Yes	Leachate exceeds WQS & MRV
Dibenz(a,h)anthracene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	18	94.4%	0.125	<MDL	0.0723	0.0129	0.0296	18	66.7%	0.54	<MDL	0.353	0.0605	0.13	Yes	Measured >MDL in leachate.
Benzo(g,h,i)perylene	µg/L	mg/kg	Hazardous	0.02	0.025	µg/l	Yes	Yes	18	100.0%	0.469	0.005	0.307	0.045	0.116	18	100.0%	2.13	0.11	1.69	0.303	0.54	Yes	Leachate exceeds WQS & MRV
Indeno(1,2,3-c,d)pyrene	µg/L	mg/kg	Hazardous	0.02	0.025	µg/l	Yes	Yes	18	100.0%	0.567	0.005	0.337	0.0471	0.137	18	100.0%	2.42	0.11	1.79	0.304	0.604	Yes	Leachate exceeds WQS & MRV
PAH 16 Total	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	18	100.0%	39.4	0.436	17.4	2.7	9.06	18	100.0%	64.3	2	34.3	5.87	14.9	Yes	Measured >MDL in leachate.
TPH																								
TPH >C5-C40 Aliphatics/Aromatics*	µg/L	mg/kg	Not defined	-	-	-	-	-	-	-	-	-	-	-	-	18	22.2%	312	<MDL	299	112	75.5	Yes	Soil data above MDL in multiple samples.

LoQ / MRV	Limit of Quantification / Minimum Reporting Value	NOTES: Only analytes measure above the MDL in leachate or groundwater are presented. For concentrations reported <MDL, statistics have been calculated using a value of 0.5xMDL. As such, in a limited number of instances calculated mean may be >maximum concentration. Where EQS were not identified, a number of single or low-level detections were further reviewed in the context of criteria such as Predicted No Effects Concentrations (PNEC). Major seawater ions (Cl, Na, Mg, K & F) were also considered of the lowest concern given the proximity to the Tees Estuary and evidence of saline intrusion beneath the Site.
MDL	Method Detection Limit	
PNEC	Predicted No Effects Concentration	
-	No data / no WQS / unable to calculate standard deviation from one sample	
WQS	Water Quality Standards (WQS)	
DWS	Drinking Water Standard	* Speciated TPH CWG analysis completed. Only sum TPH presented in screening for succininess. Water Quality Standards (WQS) sources Presented in Appendix N. Lower of Drinking Water Standards and EQS adopted. Where the range between maximum and minimum values is greater than one order of magnitude, a geometric mean has been used. Otherwise, an arithmetic mean has been calculated. For groundwater, an average per well has first been calculated, which has then been averaged to minimise bias based on well sampling frequency.
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10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA

Table 1F: Selected Contaminants of Concern - Refractory Brick

Analyte	Units		Water Quality Standards (WQS) ¹					Leachate								Soil						Further consideration?	Comments	
	Leachate & Groundwater	Soil	Confirmed Hazardous Pollutants	LoQ (MRV)	Lowest EQS / DWS	Units	Lowest EQS/DWS Exceeded?	LoQ (MRV) Exceeded?	No. Samples	% >MDL	Maximum	Minimum	95th percentile	Mean ²	Standard Deviation	No. Samples	% >MDL	Maximum	Minimum	95th percentile	Mean ²			Standard Deviation
Metals																								
Aluminium	µg/L	mg/kg	Not defined	-	200	µg/l	Yes	-	36	100.0%	58400	21	18000	275	11600	37	62.2%	6154	<MDL	3820	1120	1350	Yes	Leachate exceeds WQS
Arsenic	µg/L	mg/kg	Hazardous	5	10	µg/l	No	Yes	37	2.7%	8.9	<MDL	1.25	1.46	1.26	37	16.2%	2.1	<MDL	5	4.4	1.41	Yes	Leachate exceeds MRV
Barium	µg/L	mg/kg	Not defined	-	1300	µg/l	No	-	37	78.4%	105	<MDL	91	10.8	29.1	37	45.9%	192	<MDL	47.2	15.4	31.5	No	Leachate does not exceed WQS.
Boron	µg/L	mg/kg	Not defined	-	1000	µg/l	No	-	37	27.0%	42	<MDL	30.2	10.1	8.62	37	70.3%	1	<MDL	0.32	0.136	0.168	No	Leachate does not exceed WQS.
Cadmium	µg/L	mg/kg	Non hazardous	-	0.2	µg/l	Yes	-	37	16.2%	32.2	<MDL	19.6	0.403	6.82	37	10.8%	0.5	<MDL	1	0.878	0.289	Yes	Leachate exceeds WQS
Chromium	µg/L	mg/kg	Not defined	-	0.6	µg/l	Yes	-	37	27.0%	60.2	<MDL	15.7	1.35	11.2	37	97.3%	90.6	<MDL	72.2	37.8	19.7	Yes	Leachate exceeds WQS
Chromium (hexavalent)	µg/L	mg/kg	Hazardous	1	0.6	µg/l	Yes	Yes	37	18.9%	92	<MDL	30.4	4.22	15.8	37	0.0%	<MDL	<MDL	<MDL	<MDL	-	Yes	Leachate exceeds WQS & MRV
Copper	µg/L	mg/kg	Non hazardous	-	3.76	µg/l	Yes	-	37	13.5%	860	<MDL	176	5.71	146	37	24.3%	29	<MDL	22	10.3	4.84	Yes	Leachate exceeds WQS
Iron	µg/L	mg/kg	Not defined	-	200	µg/l	Yes	-	37	40.5%	2210	<MDL	486	26.4	377	37	94.6%	5535	<MDL	4260	1450	1330	Yes	Leachate exceeds WQS
Lead	µg/L	mg/kg	Hazardous	0.2	1.3	µg/l	Yes	Yes	37	8.1%	2040	<MDL	98.8	3.63	341	37	5.4%	824	<MDL	61.4	36.7	130	Yes	Leachate exceeds WQS & MRV
Manganese	µg/L	mg/kg	Not defined	-	50	µg/l	Yes	-	37	51.4%	963	<MDL	324	5.98	183	37	54.1%	91	<MDL	63.4	18.3	20.9	Yes	Leachate exceeds WQS
Molybdenum	µg/L	mg/kg	Non hazardous	-	70	µg/l	Yes	-	37	16.2%	110	<MDL	18.4	1.5	21.1	37	62.2%	6.6	<MDL	6	2.12	2.02	Yes	Leachate exceeds WQS
Nickel	µg/L	mg/kg	Non hazardous	-	8.6	µg/l	Yes	-	37	24.3%	110	<MDL	52.8	1.91	23.1	37	18.9%	19.7	<MDL	9.32	7.2	2.73	Yes	Leachate exceeds WQS
Selenium	µg/L	mg/kg	Non hazardous	-	10	µg/l	Yes	-	37	5.4%	18	<MDL	1.8	1.63	2.72	37	0.0%	<MDL	<MDL	<MDL	<MDL	-	Yes	Leachate exceeds WQS
Silicon	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	37	100.0%	34700	485	6960	1720	5710	37	100.0%	334	162.2	310	260	39	No	No WQS identified. Silicon of very low solubility. REACH dossier indicates dissolved silicon does not present an environmental hazard.
Vanadium	µg/L	mg/kg	Not defined	-	100	µg/l	No	-	37	78.4%	99.6	<MDL	57.1	5.21	21	37	21.6%	114	<MDL	23.2	11.2	17.4	No	Leachate does not exceed WQS.
Zinc	µg/L	mg/kg	Non hazardous	-	7.9	µg/l	Yes	-	37	40.5%	4740	<MDL	717	5.17	809	37	13.5%	134	<MDL	50	41	19.8	Yes	Leachate exceeds WQS
Inorganics																								
Ammoniacal Nitrogen as N	mg/L	mg/kg	Non hazardous	-	0.021	mg/l	Yes	-	37	24.3%	15.5	<MDL	8.33	0.04	3.26	37	75.7%	136.3	<MDL	61.7	1.43	26.3	Yes	Leachate exceeds WQS
Calcium	mg/L	mg/kg	Not defined	-	-	-	No WQS	-	37	100.0%	469	3.4	178	17.1	97.2	37	70.3%	16370	<MDL	15400	1550	5540	No	No WQS identified. Typical calcium levels in sea water around 400mg/l are higher than mean leachate concentration.
Chloride	mg/L	mg/kg	Not defined	-	250	mg/l	-	-	-	-	-	-	-	-	-	6	100.0%	111	6	90.8	19.9	39.6	No	Typical seawater concentrations are 20,000mg/l. Soil concentrations unlikely to cause associated natural background to be exceeded.
Cyanide Total	µg/L	mg/kg	Non hazardous	-	1	µg/l	Yes	-	37	27.0%	26	<MDL	6.2	0.803	4.35	37	2.7%	0.6	<MDL	0.25	0.259	0.0575	Yes	Leachate exceeds WQS
Cyanide (complex)	µg/L	mg/kg	Non hazardous	-	50	µg/l	No	-	37	27.0%	26	<MDL	6.2	0.803	4.35	37	2.7%	0.6	<MDL	0.25	0.259	0.0575	No	Leachate does not exceed WQS.
Magnesium	mg/L	mg/kg	Not defined	-	-	-	No WQS	-	37	97.3%	15.6	<MDL	10	0.593	3.66	37	100.0%	1194	34	797	154	248	No	No WQS identified. Seawater typically contains 1300ppm magnesium and is most common cation after sodium.
Nitrate (as NO3-)	mg/L	mg/kg	Not defined	-	50	mg/l	Yes	-	37	59.5%	231	<MDL	16.3	0.733	37.8	37	32.4%	2088.7	<MDL	142	4.91	343	Yes	Leachate exceeds WQS
Ortho phosphate as PO4	mg/l	mg/kg	Not defined	-	-	-	No WQS	-	37	18.9%	0.15	<MDL	0.102	0.0424	0.0288	37	10.8%	3	<MDL	0.6	0.182	0.479	No	No WQS identified. Measured >MDL in leachate. Typical phosphate levels in sea water around 70µg/l are higher than mean leachate concentration.
Phosphorus	µg/L	mg/kg	Not defined	-	-	-	-	-	-	-	-	-	-	-	-	37	13.5%	94	<MDL	100	79.1	27.2	No	Present in seawater (typically ~70µg/l). Soil concentrations unlikely to cause associated natural background to be exceeded.
Potassium	mg/L	mg/kg	Not defined	-	-	-	-	-	-	-	-	-	-	-	-	6	100.0%	762	37	685	204	266	No	Typical sea water concentration are 400ppm. Soil concentrations unlikely to cause associated natural background to be exceeded.
Sodium	mg/L	mg/kg	Not defined	-	200	mg/l	-	-	-	-	-	-	-	-	-	6	100.0%	640	39	514	99.9	233	No	Typical sea water concentration are 10,000mg/l. Soil concentrations unlikely to cause associated natural background to be exceeded.
Sulphate	mg/L	mg/kg	Not defined	-	250	mg/l	Yes	-	37	100.0%	1020	2.5	597	38.6	225	37	62.2%	26910	<MDL	7070	671	4620	Yes	Leachate exceeds WQS
Thiocyanate (as SCN)	µg/L	mg/kg	Not defined	-	9	µg/l	Yes	-	37	5.4%	80	<MDL	12	12.2	11.6	37	5.4%	1.8	<MDL	0.42	0.357	0.263	Yes	Leachate exceeds WQS
Polycyclic Aromatic Hydrocarbons																								
Naphthalene	µg/L	mg/kg	Non hazardous	-	2	µg/l	No	-	37	10.8%	0.2	<MDL	0.16	0.0662	0.0409	37	8.1%	1.24	<MDL	0.06	0.0239	0.201	No	Leachate does not exceed WQS.
Acenaphthene	µg/L	mg/kg	Hazardous	0.02	-	-	No WQS	Yes	37	59.5%	0.146	<MDL	0.124	0.00839	0.0365	37	5.4%	0.14	<MDL	0.034	0.0293	0.0201	Yes	Leachate exceeds MRV
Acenaphthylene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	37	56.8%	0.273	<MDL	0.0824	0.0083	0.0493	37	0.0%	<MDL	<MDL	<MDL	-	Yes	Measured >MDL in leachate.	
Fluoranthene	µg/L	mg/kg	Hazardous	0.02	0.0063	µg/l	Yes	Yes	37	89.2%	2.89	<MDL	1.37	0.0501	0.578	37	35.1%	0.23	<MDL	0.16	0.0297	0.0578	Yes	Leachate exceeds WQS
Anthracene	µg/L	mg/kg	Hazardous	0.02	0.1	µg/l	Yes	Yes	37	70.3%	0.496	<MDL	0.263	0.0144	0.103	37	0.0%	<MDL	<MDL	<MDL	-	Yes	Leachate exceeds WQS & MRV	
Phenanthrene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	37	83.8%	1.42	<MDL	0.669	0.0413	0.276	37	37.8%	0.42	<MDL	0.132	0.0272	0.0747	Yes	Measured >MDL in leachate.
Fluorene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	37	70.3%	0.278	<MDL	0.148	0.0116	0.0587	37	5.4%	0.36	<MDL	0.026	0.0222	0.056	Yes	Measured >MDL in leachate.
Chrysene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	37	70.3%	2.54	<MDL	0.719	0.0303	0.456	37	35.1%	0.17	<MDL	0.134	0.0205	0.0454	Yes	Measured >MDL in leachate.
Pyrene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	37	86.5%	2.18	<MDL	0.938	0.0389	0.422	37	35.1%	0.17	<MDL	0.122	0.0265	0.041	Yes	Measured >MDL in leachate.
Benzo(a)anthracene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	37	70.3%	2.21	<MDL	0.697	0.0305	0.404	37	27.0%	0.15	<MDL	0.122	0.0489	0.0344	Yes	Measured >MDL in leachate.
Benzo(b)fluoranthene	µg/L	mg/kg	Hazardous	0.02	0.025	µg/l	Yes	Yes	37	67.6%	3.57	<MDL	0.825	0.0385	0.621	37	29.7%	0.19	<MDL	0.132	0.0476	0.0416	Yes	Leachate exceeds WQS & MRV
Benzo(k)fluoranthene	µg/L	mg/kg	Hazardous	0.02	0.025	µg/l	Yes	Yes	37	56.8%	1.39	<MDL	0.321	0.0199	0.241	37	27.0%	0.07	<MDL	0.052	0.0186	0.0162	Yes	Leachate exceeds WQS & MRV
Benzo(a)pyrene	µg/L	mg/kg	Hazardous	0.02	0.00017	µg/l	Yes	Yes	37	64.9%	2.11	<MDL	0.545	0.0226	0.375	37	16.2%	0.11	<MDL	0.072	0.0284	0.021	Yes	Leachate exceeds WQS & MRV
Dibenz(a,h)anthracene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	37	43.2%	0.473	<MDL	0.101	0.00793	0.0813	37	0.0%	<MDL	<MDL	<MDL	-	No	Measured <MDL in leachate.	
Benzo(g,h,i)perylene	µg/L	mg/kg	Hazardous	0.02	0.025	µg/l	Yes	Yes	37	62.2%	1.19	<MDL	0.286	0.0172	0.207	37	16.2%	0.09	<MDL	0.066	0.0268	0.0178	Yes	Leachate exceeds WQS & MRV
Indeno(1,2,3-c,d)pyrene	µg/L	mg/kg	Hazardous	0.02	0.025	µg/l	Yes	Yes	37	62.2%	1.51	<MDL	0.352	0.0182	0.261	37	16.2%	0.09	<MDL	0.074	0.027	0.0184	Yes	Leachate exceeds WQS & MRV
PAH 16 Total	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	37	62.2%	22.6	<MDL	7.24	0.459	4.1	37	24.3%	1.2	<MDL	1.2	0.468	0.315	Yes	Measured >MDL in leachate.
BTEX																								
Benzene	µg/L	mg/kg	Hazardous	0.2	1	µg/l	-	-	-	-	-	-	-	-	-	37	2.7%	0.027	<MDL	0.0015	0.00162	0.00419	No	No leachate data. Measured in soil only in single sample.
Toluene	µg/L	mg/kg	Non hazardous	0.2	74	µg/l	-	-	-	-	-	-	-	-	-	37	10.8%	0.024	<MDL	0.0038	0.00175	0.00378	No	No leachate data. Measured in soil only. Measured above MDL 4 out of 37 samples. Based on a drinking water standard of 74ug/l, a level 1 soil concentration of 0.035mg/kg1 w
Xylene (m & p)	µg/L	mg/kg	Non hazardous	-	15	µg/l	-	-	-															

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA

Table 1a: Selected Contaminants of Concern - Concrete

Analyte	Units		Water Quality Standards (WQS) ¹					Leachate							Soil					Further consideration?	Comments			
	Leachate & Groundwater	Soil	Confirmed Hazardous Pollutants	LoQ (MRV)	Lowest EQS / DWS	Units	Lowest EQS/DWS Exceeded?	LoQ (MRV) Exceeded?	No. Samples	% >MDL	Maximum	Minimum	95th percentile	Mean ²	Standard Deviation	No. Samples	% >MDL	Maximum	Minimum			95th percentile	Mean ²	Standard Deviation
Metals																								
Aluminium	µg/L	mg/kg	Not defined	-	200	µg/l	Yes	-	31	100.0%	3290	342	2930	1630	765	-	-	-	-	-	-	-	Yes	Leachate exceeds WQS
Arsenic	µg/L	mg/kg	Hazardous	5	10	µg/l	No	Yes	31	35.5%	9.4	<MDL	1.25	0.588	1.62	22	100.0%	46.3	3.66	36	10.7	10.9	Yes	Leachate exceeds MRV
Boron	µg/L	mg/kg	Not defined	-	1000	µg/l	No	-	31	35.5%	106	<MDL	44.7	9.19	20.5	22	100.0%	44.5	15.9	41	30.2	7.79	No	Leachate does not exceed WQS.
Cadmium	µg/L	mg/kg	Non hazardous	-	0.2	µg/l	-	-	31	0.0%	<MDL	<MDL	<MDL	<MDL	-	22	54.5%	3.29	<MDL	2.04	0.0763	0.869	No	Measured <MDL in leachate.
Chromium	µg/L	mg/kg	Not defined	-	0.6	µg/l	Yes	-	31	77.4%	29.3	<MDL	20.5	3	7.04	22	100.0%	295	16.7	237	105	62.7	Yes	Leachate exceeds WQS
Chromium (hexavalent)	µg/L	mg/kg	Hazardous	1	0.6	µg/l	Yes	Yes	29	24.1%	35.4	<MDL	21.4	2.33	8.14	22	0.0%	<MDL	<MDL	<MDL	<MDL	-	Yes	Leachate exceeds WQS & MRV
Copper	µg/L	mg/kg	Non hazardous	-	3.76	µg/l	Yes	-	30	73.3%	6.88	<MDL	4.93	2.79	1.28	22	100.0%	135	6.5	34.8	18	26.4	Yes	Leachate exceeds WQS
Ferric Iron	µg/L	mg/kg	Not defined	-	1000	µg/l	No	-	22	4.5%	76.3	<MDL	25	27.3	10.9	-	-	-	-	-	-	-	No	Leachate does not exceed WQS.
Iron	µg/L	mg/kg	Not defined	-	200	µg/l	Yes	-	31	9.7%	763	<MDL	103	8.62	139	-	-	-	-	-	-	-	Yes	Leachate exceeds WQS
Lead	µg/L	mg/kg	Hazardous	0.2	1.3	µg/l	Yes	Yes	30	66.7%	3.54	<MDL	2.91	0.753	1.1	22	100.0%	408	7.07	315	33.1	106	Yes	Leachate exceeds WQS & MRV
Manganese	µg/L	mg/kg	Not defined	-	50	µg/l	No	-	31	6.5%	22.4	<MDL	3.98	1.55	3.86	-	-	-	-	-	-	-	No	Leachate does not exceed WQS.
Mercury	µg/L	mg/kg	Hazardous	0.02	0.07	µg/l	Yes	Yes	31	45.2%	0.089	<MDL	0.0646	0.0123	0.0221	22	4.5%	0.157	<MDL	0.05	0.0549	0.0228	Yes	Leachate exceeds WQS & MRV
Nickel	µg/L	mg/kg	Non hazardous	-	8.6	µg/l	No	-	31	61.3%	2	<MDL	1.7	0.986	0.445	22	100.0%	27.3	5.99	23.2	12.7	5.56	No	Leachate does not exceed WQS.
Vanadium	µg/L	mg/kg	Not defined	-	100	µg/l	Yes	-	31	90.3%	157	<MDL	49.2	7.2	29	22	100.0%	786	76.1	468	251	154	Yes	Leachate exceeds WQS
Zinc	µg/L	mg/kg	Non hazardous	-	7.9	µg/l	Yes	-	30	70.0%	31.8	<MDL	6.6	2.22	5.59	22	100.0%	1340	33.2	844	145	358	Yes	Leachate exceeds WQS
Inorganics																								
Ammoniacal Nitrogen as N	mg/L	mg/kg	Non hazardous	-	0.021	mg/l	Yes	-	23	47.8%	0.377	<MDL	0.366	0.189	0.104	-	-	-	-	-	-	-	Yes	Leachate exceeds WQS
Calcium	mg/L	mg/kg	Not defined	-	-	-	No WQS	-	31	100.0%	495	108	270	180	73.1	-	-	-	-	-	-	-	No	No WQS identified. Typical calcium levels in sea water around 400mg/l are higher than mean leachate concentration.
Cyanide Total	µg/L	mg/kg	Non hazardous	-	1	µg/l	-	-	23	0.0%	<MDL	<MDL	<MDL	<MDL	-	22	36.4%	7.32	<MDL	6.4	1.04	2.2	No	Measured <MDL in leachate.
Inorganic Nitrogen	mg/l	mg/kg	Not defined	-	-	-	No WQS	-	23	91.3%	5.79	<MDL	1.13	0.373	1.15	-	-	-	-	-	-	-	No	No WQS identified. Sum of inorganic nitrogen species. Assessed by speciated nitrogen methods (nitrate/nitrite/ammoniacal nitrogen)
Magnesium	mg/L	mg/kg	Not defined	-	-	-	No WQS	-	31	77.4%	0.974	<MDL	0.84	0.204	0.294	-	-	-	-	-	-	-	No	No WQS identified. Seawater typically contains 1300ppm magnesium and is most common cation after sodium.
Nitrate (as NO3-)	mg/L	mg/kg	Not defined	-	50	mg/l	No	-	23	60.9%	24.5	<MDL	3.03	0.462	5.03	-	-	-	-	-	-	-	No	Leachate does not exceed WQS.
Nitrite (as NO2-)	mg/L	mg/kg	Not defined	-	0.5	mg/l	Yes	-	23	100.0%	1.02	0.078	0.683	0.178	0.222	-	-	-	-	-	-	-	Yes	Leachate exceeds WQS
Nitrogen (Total Oxidised)	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	23	65.2%	5640	<MDL	764	156	1150	-	-	-	-	-	-	-	No	No WQS identified. Assessed by speciated oxygenated nitrogen methods (nitrate/nitrite)
Ortho phosphate as PO4	mg/l	mg/kg	Not defined	-	-	-	No WQS	-	23	4.3%	0.148	<MDL	0.025	0.0303	0.0256	-	-	-	-	-	-	-	No	No WQS identified. Measured >MDL in leachate. Typical phosphate levels in sea water around 70µg/l are higher than mean leachate concentration.
Potassium	mg/L	mg/kg	Not defined	-	-	-	No WQS	-	31	100.0%	69.1	10.2	56.9	34.3	14.9	-	-	-	-	-	-	-	No	No WQS identified. Maximum concentration below typical sea water concentration of 400ppm.
Sodium	mg/L	mg/kg	Not defined	-	200	mg/l	No	-	31	100.0%	26.8	4.7	20.3	12.9	5.01	-	-	-	-	-	-	-	No	Leachate does not exceed WQS.
Sulphate	mg/L	mg/kg	Not defined	-	250	mg/l	No	-	23	100.0%	188	3.1	171	27.3	52.9	22	100.0%	41600	4750	29700	17300	9350	No	Leachate does not exceed WQS.
Sulphide	µg/L	mg/kg	Not defined	-	10	µg/l	Yes	-	23	47.8%	179	<MDL	67.7	11.4	38	-	-	-	-	-	-	-	Yes	Leachate exceeds WQS
Polycyclic Aromatic Hydrocarbons																								
Naphthalene	µg/L	mg/kg	Non hazardous	-	2	µg/l	No	-	28	85.7%	1.95	<MDL	1.02	0.202	0.412	23	100.0%	3.99	0.0261	1.36	0.234	0.868	No	Leachate does not exceed WQS.
Acenaphthene	µg/L	mg/kg	Hazardous	0.02	-	-	No WQS	Yes	28	100.0%	1.79	0.006	1.51	0.122	0.493	23	95.7%	15.7	<MDL	5.66	0.223	3.39	Yes	Leachate exceeds MRV
Acenaphthylene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	28	57.1%	2.99	<MDL	0.368	0.0152	0.564	23	65.2%	9	<MDL	2.96	0.0719	1.95	Yes	Leachate exceeds MRV
Fluoranthene	µg/L	mg/kg	Hazardous	0.02	0.0063	µg/l	Yes	Yes	28	100.0%	2.85	0.00676	0.736	0.0631	0.549	23	100.0%	75.1	0.0552	31	0.893	16.7	Yes	Leachate exceeds WQS
Anthracene	µg/L	mg/kg	Hazardous	0.02	0.1	µg/l	Yes	Yes	28	71.4%	0.794	<MDL	0.315	0.0173	0.164	23	87.0%	14.6	<MDL	5.56	0.205	3.32	Yes	Leachate exceeds WQS & MRV
Phenanthrene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	28	100.0%	4.96	0.0166	1.43	0.12	0.968	23	100.0%	62.8	0.0402	14.6	0.699	13.2	Yes	Measured >MDL in leachate.
Fluorene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	28	92.9%	2.61	<MDL	0.981	0.0553	0.527	23	95.7%	13.6	<MDL	2.39	0.21	2.82	Yes	Measured >MDL in leachate.
Chrysene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	28	42.9%	0.159	<MDL	0.0612	0.00625	0.032	23	100.0%	26.3	0.0256	14.1	0.424	6.25	Yes	Measured >MDL in leachate.
Pyrene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	28	100.0%	2.05	0.00601	0.727	0.0527	0.41	23	100.0%	54.6	0.051	25.6	0.749	12.4	Yes	Measured >MDL in leachate.
Benzo(a)anthracene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	28	35.7%	0.156	<MDL	0.0495	0.00506	0.0304	23	100.0%	30.6	0.0249	14.4	0.401	6.99	Yes	Measured >MDL in leachate.
Benzo(b)fluoranthene	µg/L	mg/kg	Hazardous	0.02	0.025	µg/l	Yes	Yes	28	17.9%	0.061	<MDL	0.0263	0.0039	0.0123	23	100.0%	32.8	0.0337	16.5	0.53	7.65	Yes	Leachate exceeds WQS & MRV
Benzo(k)fluoranthene	µg/L	mg/kg	Hazardous	0.02	0.025	µg/l	No	Yes	28	7.1%	0.024	<MDL	0.0089	0.00393	0.00428	23	91.3%	10.7	<MDL	5.8	0.171	2.55	Yes	Leachate exceeds MRV
Benzo(a)pyrene	µg/L	mg/kg	Hazardous	0.02	0.00017	µg/l	Yes	Yes	28	10.7%	0.037	<MDL	0.0113	0.00157	0.00721	23	100.0%	22.6	0.0216	11.5	0.35	5.29	Yes	Leachate exceeds WQS & MRV
Dibenz(a,h)anthracene	µg/L	mg/kg	Not defined	-	-	-	-	-	28	0.0%	<MDL	<MDL	<MDL	<MDL	-	23	43.5%	4.05	<MDL	2.01	0.07	0.947	No	Measured <MDL in leachate.
Benzo(g,h,i)perylene	µg/L	mg/kg	Hazardous	0.02	0.025	µg/l	Yes	Yes	28	3.6%	0.032	<MDL	0.00413	0.00281	0.00558	23	95.7%	12.8	<MDL	7.25	0.281	3.1	Yes	Leachate exceeds WQS & MRV
Indeno(1,2,3-c,d)pyrene	µg/L	mg/kg	Hazardous	0.02	0.025	µg/l	Yes	Yes	28	3.6%	0.032	<MDL	0.00413	0.00281	0.00558	23	95.7%	12	<MDL	6.95	0.25	2.96	Yes	Leachate exceeds WQS & MRV
PAH 16 Total	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	28	92.9%	20.4	<MDL	6.02	0.749	3.94	23	100.0%	389	0.31	163	6.03	86.9	Yes	Measured >MDL in leachate.
BTEX																								
Benzene	µg/L	mg/kg	Hazardous	0.2	1	µg/l	-	-	29	0.0%	<MDL	<MDL	<MDL	<MDL	-	24	20.8%	0.00158	<MDL	0.01	0.00577	0.00441	No	Measured <MDL in leachate.
Toluene	µg/L	mg/kg	Non hazardous	0.2	74	µg/l	No	Yes	29	6.9%	1.35	<MDL	4	1.27	1.31	24	45.8%	0.0244	<MDL	0.0122	0.00489	0.00557	Yes	Leachate exceeds MRV
Xylene (m & p)	µg/L	mg/kg	Non hazardous	-	15	µg/l	No	-	29	3.4%	1.27	<MDL	3.51	0.94	1.15	24	0.0%	<MDL	<MDL	<MDL	<MDL	-	No	Leachate does not exceed WQS.
VOC																								
Carbon disulfide	µg/L	mg/kg	Non hazardous	-	-	-	-	-	-	-	-	-	-	-	-	14	100.0%	0.253	0.0161	0.206	0.0561	0.068	No	Low level detects in soil. A soil concentration of 0.12mg/kg ³ is estimated to result in a pore water (i.e. leachate) concentration of 810µg/l, which is the USEPA Regional Screening levels (May 2024) drinking water standard; only two concentrations are above this value.
Trichlorofluoromethane	µg/L	mg/kg	Not defined	-	-	-	-	-	-	-	-	-	-	-	-	14	64.3%	0.0294	<MDL	0.0142	0.00254	0.00734	No	Low level detects in soil. A soil concentration of 2.3mg/kg ³ is estimated to result in a pore water (i.e. leachate) concentration of 5,200µg/l, which is the USEPA Regional Screening levels (May 2024) drinking water standard; there are no exceedances of this value.
SVOC																								
2,3,5-Trimethylphenol	µg/L	mg/kg	Not defined	-	-	-	-	-	-	-	-	-	-	-	-	22	4.5%	0.0555	<MDL	0.024				

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA

Table 1h: Selected Contaminants of Concern - Foundry Central West Made Ground

Analyte	Units		Water Quality Standards (WQS) ¹					Groundwater					Leachate					Soil					Further consideration ?	Comments										
	Leachate & Groundwater	Soil	Confirmed Hazardous Pollutants	LoQ (MRV)	Lowest EQS / DWS	Units	Lowest EQS/DWS Exceeded?	LoQ (MRV) Exceeded?	No. Samples	%>MDL	Maximum	Minimum	95th percentile	Mean ²	Standard Deviation	Lowest EQS/DWS Exceeded?	LoQ (MRV) Exceeded?	No. Samples	%>MDL	Maximum	Minimum	95th percentile			Mean ²	Standard Deviation	No. Samples	%>MDL	Maximum	Minimum	95th percentile	Mean ²	Standard Deviation	
Metals																																		
Aluminium	µg/L	mg/kg	Not defined	-	200	µg/l	Yes	-	82	92.7%	1100	<MDL	382	55.4	146	Yes	-	17	88.2%	2100	<MDL	1950	170	646	31	100.0%	77900	1500	73000	13100	22400	Yes	Leachate exceeds WQS	
Antimony	µg/L	mg/kg	Non hazardous	-	5	µg/l	No	-	59	93.2%	17	<MDL	4.28	0.553	2.43	No	-	4	100.0%	1.2	0.22	1.11	0.575	0.449	32	46.9%	16.1	<MDL	9.54	1.3	3.7	No	Leachate does not exceed WQS.	
Arsenic	µg/L	mg/kg	Hazardous	5	10	µg/l	Yes	Yes	82	100.0%	72	1.4	49.1	10.6	18.7	<MDL	Yes	21	71.4%	8.15	<MDL	5.84	0.846	2.13	48	100.0%	73.9	1.78	40.3	10.2	14.9	Yes	Leachate exceeds MRV	
Barium	µg/L	mg/kg	Not defined	-	1300	µg/l	No	-	59	100.0%	330	20	178	74.9	46.5	Yes	-	21	100.0%	2020	1.6	943	84.9	491	32	100.0%	1210	34	1160	324	334	Yes	Leachate exceeds WQS	
Beryllium	µg/L	mg/kg	Not defined	-	-	-	-	-	59	0.0%	<MDL	<MDL	<MDL	<MDL	<MDL	-	-	8	0.0%	<MDL	<MDL	<MDL	<MDL	-	9	88.9%	5.9	<MDL	5.42	0.853	2.27	No	Measured <MDL in leachate.	
Boron	µg/L	mg/kg	Not defined	-	1000	µg/l	No	-	85	97.6%	520	<MDL	288	125	89.7	No	-	21	71.4%	400	<MDL	170	31.9	88	38	71.1%	8.9	<MDL	5.48	1.37	1.92	No	Leachate does not exceed WQS.	
Cadmium	µg/L	mg/kg	Non hazardous	-	0.2	µg/l	Yes	-	82	8.5%	0.22	<MDL	0.0505	0.0288	0.0139	No	-	21	14.3%	0.19	<MDL	0.04	0.0326	0.0362	38	44.7%	2.52	<MDL	1.09	0.0832	0.476	No	Leachate does not exceed WQS.	
Chromium	µg/L	mg/kg	Not defined	-	0.6	µg/l	Yes	-	24	87.5%	22.7	<MDL	11.4	4.61	3.66	Yes	-	17	88.2%	106	<MDL	90.8	6.1	35.8	40	97.5%	2230	<MDL	1310	118	552	Yes	Leachate exceeds WQS	
Chromium (hexavalent)	µg/L	mg/kg	Hazardous	1	0.6	µg/l	Yes	Yes	83	1.2%	350	<MDL	23.9	7.77	10.2	Yes	Yes	17	41.2%	118	<MDL	106	19.6	39.9	32	21.9%	1.92	<MDL	1.56	0.557	0.422	Yes	Leachate exceeds WQS & MRV	
Copper	µg/L	mg/kg	Non hazardous	-	3.76	µg/l	Yes	-	82	51.2%	21	<MDL	3.4	0.673	1.88	Yes	-	21	95.2%	18.7	<MDL	7.13	1.8	4.06	38	97.4%	1870	<MDL	108	21.5	300	Yes	Leachate exceeds WQS	
Ferric Iron	µg/L	mg/kg	Not defined	-	1000	µg/l	No	-	24	12.5%	96	<MDL	57.6	31.5	12.9	No	-	14	14.3%	285	<MDL	144	32	69.6	-	-	-	-	-	-	-	No	Leachate does not exceed WQS.	
Iron	µg/L	mg/kg	Not defined	-	200	µg/l	Yes	-	84	79.8%	260	<MDL	71.4	22.6	27	Yes	-	22	36.4%	684	<MDL	282	17.1	157	31	96.8%	240000	<MDL	167000	38700	58900	Yes	Leachate exceeds WQS	
Lead	µg/L	mg/kg	Hazardous	0.2	1.3	µg/l	Yes	Yes	82	29.3%	2.38	<MDL	0.392	0.138	0.135	Yes	Yes	21	66.7%	20.9	<MDL	11.1	0.646	4.98	48	97.9%	1530	<MDL	199	35.7	221	Yes	Leachate exceeds WQS & MRV	
Manganese	µg/L	mg/kg	Not defined	-	50	µg/l	Yes	-	82	80.5%	423	<MDL	156	10.4	80	No	-	21	42.9%	14	<MDL	12	1.29	3.78	31	100.0%	47000	150	44400	4810	15300	No	Leachate does not exceed WQS.	
Mercury	µg/L	mg/kg	Hazardous	0.02	0.07	µg/l	Yes	Yes	81	69.1%	0.24	<MDL	0.13	0.0345	0.0459	Yes	Yes	20	55.0%	5.67	<MDL	4.09	0.0317	1.5	38	7.9%	0.29	<MDL	0.5	0.0727	0.182	Yes	Leachate exceeds WQS & MRV	
Molybdenum	µg/L	mg/kg	Non hazardous	-	70	µg/l	Yes	-	82	100.0%	140	9.5	62.5	26.1	16.8	No	-	17	64.7%	15	<MDL	11.9	4.31	3.81	32	81.3%	27.5	<MDL	5.63	1.02	4.85	No	Leachate does not exceed WQS.	
Nickel	µg/L	mg/kg	Non hazardous	-	8.6	µg/l	No	-	82	97.6%	8.3	<MDL	4.43	2.01	1.29	No	-	21	66.7%	3.82	<MDL	3.5	0.533	1.03	38	100.0%	371	2.9	52.2	11.1	59.5	No	Leachate does not exceed WQS.	
Selenium	µg/L	mg/kg	Non hazardous	-	10	µg/l	No	-	77	87.0%	8.14	<MDL	5.55	1.5	2.07	Yes	-	21	66.7%	14	<MDL	2.18	0.97	2.89	36	77.8%	31.9	<MDL	21.4	3.34	7.54	Yes	Leachate exceeds WQS	
Silicon	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	24	100.0%	30300	3480	25100	10200	8840	No WQS	-	13	92.3%	9300	<MDL	7430	1280	2880	4	100.0%	69000	7100	68700	45500	29000	No	No WQS identified. Silicon of very low solubility. REACH/ECHA dossier (accessed November 2024) indicates dissolved silicon does not present an environmental hazard.	
Silica	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	58	100.0%	74000	990	57400	13500	20200	No WQS	-	4	100.0%	9700	150	9310	2900	4070	-	-	-	-	-	-	-	No	No WQS identified. REACH/ECHA dossier (accessed November 2024) indicates dissolved silica does not present an environmental hazard.	
Tin	µg/L	mg/kg	Not defined	-	10	µg/l	No	-	59	10.2%	1.6	<MDL	0.38	0.249	0.0948	No	-	4	50.0%	2.3	<MDL	2.14	0.576	1	8	37.5%	8.2	<MDL	7.85	1.16	3.27	No	Leachate does not exceed WQS.	
Titanium	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	59	15.3%	5.5	<MDL	0.68	-	0.269	No WQS	-	4	25.0%	2.7	<MDL	2.32	0.309	1.28	8	100.0%	1100	72	1060	387	387	No	Single detect in leachate.	
Vanadium	µg/L	mg/kg	Not defined	-	100	µg/l	No	-	59	84.7%	74	<MDL	31.2	6.1	12	No	-	8	100.0%	45	1.8	42.2	9.9	16.3	32	100.0%	4510	14	3650	268	1340	No	Leachate does not exceed WQS.	
Zinc	µg/L	mg/kg	Non hazardous	-	7.9	µg/l	Yes	-	82	87.8%	190	<MDL	26.7	9.91	8.12	Yes	-	21	81.0%	31.1	<MDL	15.6	2.11	6.99	38	97.4%	1190	<MDL	415	89.8	202	Yes	Leachate exceeds WQS	
Inorganics																																		
Ammoniacal Nitrogen as N	mg/L	mg/kg	Non hazardous	-	0.021	mg/l	Yes	-	74	100.0%	12	0.39	6.86	2.57	2.08	Yes	-	22	40.9%	34	<MDL	0.404	0.134	7.22	31	54.8%	31.9	<MDL	3.5	6.09	10.7	Yes	Leachate exceeds WQS	
Nitrogen (Total)	mg/L	-	Not defined	-	-	-	No WQS	-	13	100.0%	8810	382	7680	2740	2560	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No	No soil or leachate data. Better represented by ammoniacal and nitrite/nitrate species.
Calcium	mg/L	mg/kg	Not defined	-	-	-	No WQS	-	82	100.0%	383	39	318	161	85.8	No WQS	-	17	100.0%	907	15	849	106	306	31	100.0%	286000	19000	272000	124000	82200	No	No WQS identified. Typical calcium levels in sea water around 400mg/l are higher than mean leachate concentration.	
Chloride	mg/L	mg/kg	Not defined	-	250	mg/l	-	-	86	55.8%	687	<MDL	30.4	4.83	10.4	No	-	18	88.9%	38	<MDL	30.4	4.83	10.4	31	100.0%	223	17	210	55.2	59.3	Yes	Leachate does not exceed EQS. Present in seawater at typical concentrations of 20,000mg/l.	
Cyanide (Free)	µg/L	mg/kg	Non hazardous	-	50	µg/l	No	-	86	57.0%	4.15	<MDL	6.72	2.13	2.4	No	-	18	11.1%	0.1	<MDL	1.25	0.989	0.503	36	0.0%	<MDL	<MDL	<MDL	<MDL	-	No	Leachate does not exceed WQS.	
Cyanide Total	µg/L	mg/kg	Non hazardous	-	1	µg/l	Yes	-	86	77.9%	42	<MDL	22.7	9.26	6.86	Yes	-	19	42.1%	30.2	<MDL	21	2.5	7.67	38	23.7%	16.2	<MDL	1.84	0.418	2.63	Yes	Leachate exceeds WQS	
Cyanide (complex)	µg/L	mg/kg	Non hazardous	-	50	µg/l	-	-	-	-	-	-	-	-	-	No	-	18	22.2%	27.8	<MDL	21.2	5.56	8.61	31	19.4%	16.2	<MDL	2.9	0.458	2.91	No	Leachate does not exceed WQS. Assessed as total cyanide to capture all species.	
Ferrous Iron	µg/L	mg/kg	Not defined	-	1000	µg/l	No	-	25	16.0%	498	<MDL	225	86.3	72.8	-	-	14	0.0%	<MDL	<MDL	<MDL	<MDL	-	-	-	-	-	-	-	-	No	Leachate does not exceed WQS.	
Fluoride	µg/L																																	

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA

Table 1i: Selected Contaminants of Concern - Mudstone

Analyte	Units		Water Quality Standards (WQS)					Leachate								Soil						Further consideration?	Comments			
	Leachate & Groundwater	Soil	Confirmed Hazardous Pollutants	LoQ (MRV)	Lowest EQS / DWS	Units	Lowest EQS/DWS Exceeded?	LoQ (MRV) Exceeded?	No. Samples	% >MDL	Maximum	Minimum	95th percentile	Mean²	Standard Deviation	No. Samples	% >MDL	Maximum	Minimum	95th percentile	Mean²			Standard Deviation		
Metals																										
Aluminium	µg/L	mg/kg	Not defined	-	200	µg/l	Yes	-	39	100.0%	870	21	681	204	202	-	-	-	-	-	-	-	-	Yes	Leachate exceeds WQS	
Arsenic	µg/L	mg/kg	Hazardous	5	10	µg/l	Yes	Yes	39	100.0%	30	0.61	17.3	6.08	6.81	83	100.0%	37	1.2	33.9	16.6	8.37	Yes	Yes	Leachate exceeds WQS & MRV	
Cadmium	µg/L	mg/kg	Non hazardous	-	0.2	µg/l	No	-	39	7.7%	0.14	<MDL	0.041	0.0197	0.0209	82	26.8%	16	<MDL	1.07	0.083	1.92	-	No	Leachate below MDL.	
Chromium	µg/L	mg/kg	Not defined	-	0.6	µg/l	-	-	-	-	-	-	-	-	-	1	100.0%	25	25	25	25	-	-	No	Not analysed in leachate. Single soil sample at low concentration.	
Chromium (hexavalent)	µg/L	mg/kg	Hazardous	1	0.6	µg/l	Yes	Yes	39	2.6%	7.3	<MDL	3.5	3.6	0.608	82	0.0%	<MDL	<MDL	<MDL	<MDL	-	-	Yes	Leachate exceeds WQS & MRV	
Copper	µg/L	mg/kg	Non hazardous	-	3.76	µg/l	Yes	-	39	84.6%	11	<MDL	4.62	1.32	1.99	83	100.0%	650	12	50.1	27.7	72.2	Yes	Yes	Leachate exceeds WQS	
Ferric Iron	µg/L	mg/kg	Not defined	-	1000	µg/l	No	-	39	10.3%	370	<MDL	160	65.6	56.7	-	-	-	-	-	-	-	-	No	Leachate does not exceed WQS.	
Lead	µg/L	mg/kg	Hazardous	0.2	1.3	µg/l	Yes	Yes	39	51.3%	57	<MDL	2.24	0.149	9.1	83	100.0%	1500	7.1	79	18.9	165	Yes	Yes	Leachate exceeds WQS & MRV	
Manganese	µg/L	mg/kg	Not defined	-	50	µg/l	No	-	39	94.9%	7	<MDL	4.2	0.968	1.44	-	-	-	-	-	-	-	-	No	Leachate does not exceed WQS.	
Mercury	µg/L	mg/kg	Hazardous	0.02	0.07	µg/l	-	-	-	-	-	-	-	-	-	83	21.7%	0.42	<MDL	0.149	0.0379	0.0722	-	No	Not analysed in leachate. Soil data at low concentrations.	
Molybdenum	µg/L	mg/kg	Non hazardous	-	70	µg/l	Yes	-	39	89.7%	97	<MDL	8.75	3.29	15.1	-	-	-	-	-	-	-	-	Yes	Single soil sample. Risk from metals better represented by wider metal suite	
Nickel	µg/L	mg/kg	Non hazardous	-	8.6	µg/l	Yes	-	39	20.5%	30	<MDL	1.51	0.356	4.75	83	100.0%	61	8.6	50.9	35.3	9.06	Yes	Yes	Leachate exceeds WQS	
Selenium	µg/L	mg/kg	Non hazardous	-	10	µg/l	Yes	-	39	94.9%	12	<MDL	8.64	2.48	2.66	83	24.1%	1.4	<MDL	1	0.392	0.29	Yes	Yes	Leachate exceeds WQS	
Zinc	µg/L	mg/kg	Non hazardous	-	7.9	µg/l	Yes	-	39	23.1%	13	<MDL	8.66	0.975	2.82	83	100.0%	2100	30	270	74.7	289	Yes	Yes	Leachate exceeds WQS	
Inorganics																										
Chloride	mg/L	mg/kg	Not defined	-	250	mg/l	Yes	-	39	100.0%	550	0.39	353	90.8	112	-	-	-	-	-	-	-	-	No	No leachate data. Chloride present in seawater at typical concentrations of 20,000mg/l. Soil concentrations unlikely to cause associated natural background to be exceeded.	
Ferrous Iron	µg/L	mg/kg	Not defined	-	1000	µg/l	No	-	39	7.7%	360	<MDL	143	63.3	54.2	-	-	-	-	-	-	-	-	No	Leachate does not exceed WQS.	
Potassium	mg/L	mg/kg	Not defined	-	-	-	No WQS	-	39	100.0%	12	0.2	5.5	0.97	2.41	-	-	-	-	-	-	-	-	No	Typical sea water concentration are 400ppm. Soil concentrations unlikely to cause associated natural background to be exceeded.	
Sodium	mg/L	mg/kg	Not defined	-	200	mg/l	No	-	39	100.0%	170	0.21	112	60.5	32	-	-	-	-	-	-	-	-	No	Leachate does not exceed WQS.	
Sulphate	mg/L	mg/kg	Not defined	-	250	mg/l	No	-	39	100.0%	110	0.43	81.2	16.9	24.7	12	100.0%	27000	2900	23700	7940	7700	-	No	Leachate does not exceed WQS.	
Polycyclic Aromatic Hydrocarbons																										
Naphthalene	µg/L	mg/kg	Non hazardous	-	2	µg/l	No	-	39	79.5%	0.67	<MDL	0.465	0.119	0.145	83	32.5%	1.4	<MDL	0.384	0.0765	0.199	-	No	Leachate does not exceed WQS.	
Acenaphthene	µg/L	mg/kg	Hazardous	0.02	-	-	No WQS	Yes	39	61.5%	1.1	<MDL	0.042	0.0117	0.174	17	-	0.5	0.05	0.42	0.1	0.133	Yes	Yes	Leachate exceeds MRV	
Acenaphthylene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	39	10.3%	0.03	<MDL	0.011	0.00628	0.00469	17	-	0.2	0.05	0.08	0.0588	0.0364	Yes	Yes	Measured >MDL in leachate.	
Fluoranthene	µg/L	mg/kg	Hazardous	0.02	0.0063	µg/l	Yes	Yes	39	84.6%	0.17	<MDL	0.071	0.0185	0.0315	17	5.9%	0.2	<MDL	0.08	0.0588	0.0364	Yes	Yes	Leachate exceeds WQS & MRV	
Anthracene	µg/L	mg/kg	Hazardous	0.02	0.1	µg/l	Yes	Yes	39	38.5%	0.19	<MDL	0.051	0.00819	0.0311	17	5.9%	0.4	<MDL	0.12	0.0706	0.0849	Yes	Yes	Leachate exceeds WQS & MRV	
Phenanthrene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	39	97.4%	0.6	<MDL	0.253	0.0735	0.11	17	29.4%	0.3	<MDL	0.3	0.1	0.0901	Yes	Yes	Measured >MDL in leachate.	
Fluorene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	39	89.7%	0.61	<MDL	0.171	0.0376	0.0996	17	29.4%	0.6	<MDL	0.52	0.0812	0.167	Yes	Yes	Measured >MDL in leachate.	
Chrysene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	39	25.6%	0.07	<MDL	0.032	0.00697	0.0131	17	0.0%	<MDL	<MDL	<MDL	<MDL	-	Yes	Yes	Measured >MDL in leachate.	
Pyrene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	39	74.4%	0.14	<MDL	0.071	0.0168	0.0277	17	11.8%	0.4	<MDL	0.16	0.0735	0.085	Yes	Yes	Measured >MDL in leachate.	
Benzo(a)anthracene	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	39	10.3%	0.06	<MDL	0.011	0.00572	0.00908	17	0.0%	<MDL	<MDL	<MDL	<MDL	-	Yes	Yes	Measured >MDL in leachate.	
Benzo(b)fluoranthene	µg/L	mg/kg	Hazardous	0.02	0.025	µg/l	Yes	Yes	39	15.4%	0.1	<MDL	0.021	0.0064	0.0159	17	0.0%	<MDL	<MDL	<MDL	<MDL	-	Yes	Yes	Leachate exceeds WQS & MRV	
Benzo(k)fluoranthene	µg/L	mg/kg	Hazardous	0.02	0.025	µg/l	Yes	Yes	39	2.6%	0.03	<MDL	0.005	0.00564	0.004	17	0.0%	<MDL	<MDL	<MDL	<MDL	-	Yes	Yes	Leachate exceeds WQS & MRV	
Benzo(a)pyrene	µg/L	mg/kg	Hazardous	0.02	0.00017	µg/l	Yes	Yes	39	5.1%	0.1	<MDL	0.0065	0.00559	0.0153	83	1.2%	2.2	<MDL	0.05	0.0516	0.236	Yes	Yes	Leachate exceeds WQS & MRV	
Dibenz(a,h)anthracene	µg/L	mg/kg	Not defined	-	-	-	-	-	39	0.0%	<MDL	<MDL	<MDL	<MDL	-	17	5.9%	0.4	<MDL	0.12	0.0706	0.0849	-	No	Measured <MDL in leachate.	
Benzo(g,h,i)perylene	µg/L	mg/kg	Hazardous	0.02	0.025	µg/l	Yes	Yes	39	20.5%	0.05	<MDL	0.021	0.00859	0.00903	17	0.0%	<MDL	<MDL	<MDL	<MDL	-	Yes	Yes	Leachate exceeds WQS & MRV	
Indeno(1,2,3-c,d)pyrene	µg/L	mg/kg	Hazardous	0.02	0.025	µg/l	Yes	Yes	39	10.3%	0.07	<MDL	0.01	0.00564	0.0104	17	5.9%	1.8	<MDL	0.4	0.0617	0.424	Yes	Yes	Leachate exceeds WQS & MRV	
PAH 16 Total	µg/L	mg/kg	Not defined	-	-	-	No WQS	-	39	76.9%	3.7	<MDL	0.902	0.325	0.589	17	5.9%	3.6	<MDL	1.36	0.965	0.679	Yes	Yes	Measured >MDL in leachate.	

LoQ / MRV	Limit of Quantification / Minimum Reporting Value
MDL	Method Detection Limit
PNEC	Predicted No Effects Concentration
WQS	Water Quality Standards (WQS)
DWS	Drinking Water Standard
*	Speciated TPH CWG analysis completed. Only sum TPH presented in screening for succintness.
¹	Water Quality Standards (WQS) sources Presented in Appendix N. Lower of Drinking Water Standards and EQS adopted.
²	Where the range between maximum and minimum values is greater than one order of magnitude, a geometric mean has been used. Otherwise, an arithmetic mean has been calculated. For groundwater, an average per well has first been calculated, which has then been averaged to minimise bias based on well sampling frequency.

NOTES:
Only analytes measure above the MDL in leachate or groundwater are presented.

For concentrations reported <MDL, statistics have been calculated using a value of 0.5xMDL. As such, in a limited number of instances calculated mean may be >maximum concentration.

Where EQS were not identified, a number of single or low-level detections were further reviewed in the context of criteria such as Predicted No Effects Concentrations (PNEC). Major seawater ions (Cl, Na, Mg, K & F) were also considered of the lowest concern given the proximity to the Tees Estuary and evidence of saline intrusion beneath the Site.

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA

Table 2: Indicator Substance Selection

	Analyte	Further Consideration Following Screening											Hazard Index*	Justification
		Foundry Central East Made Ground	Foundry Central East Sand Fill	Refractory Brick	Concrete	Steel House Made Ground	South Bank Made Ground	Land West of Warrenby Made Ground	Foundry Central West Made Ground	Mudstone	Determined as Hazardous Pollutant	Select as Indicator		
Metals and Inorganics	Metals													
	Aluminium	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No		292	Metals have a diverse range of environmental characteristics with marked differences in toxicity and mobility. For a specific metal species, toxicity and mobility may also vary significantly depending on conditions such as pH and competing ions. pH in groundwater samples collected from monitoring wells screening Made Ground and / or superficial deposits beneath the Site is typically neutral to alkaline, ranging from pH 7.6 to pH 12. Metals selected are based on: -Those of known environmental concern based on toxicity and mobility (determined as hazardous) -Identified at a relatively high concentration compared to relevant WQS and across the majority of material types. -Identified as key CoC relating to site history and the slag Made Ground -Readily available literature data to allow modelling. For materials where fewer metals were identified following screening, metal concentrations were generally lower overall, with relative concentrations between slag Made Ground typically similar on average. This is the case for South Bank Made Ground. The metal indicators selected therefore are considered to remain appropriate across the material types.
	Antimony	Yes	No	No	No	Yes	No	No	No	No	No		26.8	
	Arsenic	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	✓	10.3	
	Barium	No	No	No	No	No	No	No	Yes	No	No		-	
	Cadmium	Yes	No	Yes	No	No	No	No	No	No	No		161	
	Chromium	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No		154	
	Chromium (hexavalent)	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	✓	182	
	Copper	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	No		229	
	Iron	Yes	No	Yes	Yes	Yes	No	Yes	Yes	No	No		12.7	
	Lead	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	✓	1570	
	Manganese	Yes	No	Yes	No	No	No	Yes	No	No	No		19.3	
	Mercury	Yes	Yes	No	Yes	Yes	No	Yes	Yes	No	Yes	✓	8.64	
	Molybdenum	Yes	No	Yes	No	No	No	No	No	Yes	No		1.96	
	Nickel	Yes	No	Yes	No	Yes	No	No	No	Yes	No		12.8	
	Selenium	Yes	No	Yes	No	No	No	No	Yes	Yes	No		1.8	
	Vanadium	Yes	No	No	Yes	Yes	No	Yes	No	No	No		5.77	
	Zinc	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No		600	
	Inorganics												-	
	Ammonia	No	No	No	No	Yes	No	No	No	No	No		367	
	Ammoniacal Nitrogen as N	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	✓	738	
	Cyanide Total	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	No	✓	177	
	Cyanide (complex)	No	No	No	No	Yes	No	Yes	No	No	No		3.46	
	Nitrite (as NO2-)	Yes	Yes	No	Yes	Yes	No	No	Yes	No	No		4	
	Nitrate (as NO3-)	No	No	Yes	No	No	No	No	No	No	No		4.62	
	Sulphide	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No	No		17.9	
	Sulphate	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	No		7.6	
	Thiocyanate (as SCN)	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	No		25.6	
Hydrocarbons	Polycyclic Aromatic Hydrocarbons (PAH)												-	
	Naphthalene	Yes	No	No	No	Yes	Yes	Yes	Yes	No	No	✓	520	UK guidance on the assessment of petroleum hydrocarbon contamination (EA, 2005) which recommends the use of an indicator compound approach. Naphthalene and benzo(a)pyrene have been selected to represent PAH with naphthalene representing the most mobile of the PAH and benzo(a)pyrene an established indicator with well known and characterised toxicity. Benzene has also been selected as it is the most mobile and ecotoxic of the BTEX. While PAH are present across the majority of material types, other CoC are less prevalent. Steel House Made Ground contained the most hydrocarbons identified. Assessment of site data indicates that the additional substances identified in Steel House Made Ground typically were measured in samples with correspondingly higher levels of other petroleum hydrocarbon compounds.As such, the selected indicators are considered to remain appropriate. Interrogation of the data indicates that occurrence of polycyclic and heterocyclic compounds such as carbazole and methylnaphthalenes corresponds with higher PAH concentrations. Accordingly, higher VOC concentrations such as trimethylbenzenes and styrene correspond with higher BTEX and benzene concentrations. This further supports the choice of indicator compounds selected. Benzene is more prevalent than trimethylbenzene (five samples >MDL vs. two in leachate), albeit 1,2,4-trimethylbenzene has been measured at higher concentrations in leachate (same or of magnitude as benzene). No UK EQS or DWS is published for 1,2,4-trimethylbenzene, although USEPA Regional Screening levels present a value of 56ug/l. Given this, benzene presents a higher hazard index. It is noted that in concrete, toluene was identified in the first stage of screening whereas benzene was not. However, both toluene and benzene were measured in concrete and toluene was also of relatively low concentrations. As such, benzene is considered to remain a suitable indicator.
	Acenaphthene	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		-	
	Acenaphthylene	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No		-	
	Fluoranthene	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		1830	
	Anthracene	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		23	
	Phenanthrene	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No		-	
	Fluorene	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No		-	
	Chrysene	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No		-	
	Pyrene	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No		-	
	Benzo(a)anthracene	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No		-	
	Benzo(b)fluoranthene	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		440	
	Benzo(k)fluoranthene	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		172	
	Benzo(a)pyrene	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	✓	57600	
	Dibenz(a,h)anthracene	Yes	Yes	No	No	Yes	Yes	Yes	Yes	No	No		-	
	Benzo(g,h,i)perylene	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		380	
	Indeno(1,2,3-c,d)pyrene	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		440	
	PAH 16 Total	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No		-	
	BTEX												-	
	Benzene	No	No	No	No	Yes	No	No	No	No	Yes	✓	58.7	
	Toluene	No	No	No	Yes	Yes	No	No	No	No	No		2.54	
	Ethylbenzene	No	No	No	No	Yes	No	No	No	No	No		2.9	
	Xylene Total	No	No	No	No	Yes	No	No	No	No	No		13.5	
	Volatile Organic Compounds (VOC)												-	
	1,2,4-trimethylbenzene	No	No	No	No	Yes	No	No	No	No	Yes		-	
	1,3,5-trimethylbenzene	No	No	No	No	Yes	No	No	No	No	No		-	
	Styrene	No	No	No	No	Yes	No	No	No	No	No		1.64	
	Semi Volatile Organic Compounds (SVOC)												-	
	1-Methylnaphthalene	No	No	No	No	Yes	No	No	No	No	No		-	
	2-methylnaphthalene	No	No	No	No	Yes	No	No	No	No	No		-	
	Carbazole	No	No	No	No	Yes	No	No	No	No	No		-	
	Total Petroleum Hydrocarbons												-	
	Sum TPH Aliphatics/Aromatics	No	No	No	No	Yes	No	Yes	Yes	No	No		-	

Notes

- * Calculated based on maximum measured leachate concentration across all material assessed and relevant WQS (lower of DWS or EQS)
- ** No UK EQS for 1,2,4 trimethylbenzene identified. USEPA Regional screening levels present a value of 56ug/l which has been adopted for the purpose of hazard index calculation.
- No UK WQS identified. Hazardous index not calculated.

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA

Table 3: Descriptive Statistics

Analyte	Determined as Hazardous Pollutant	Units	Foundry East Made Ground						
			No. Samples	% >MDL	Maximum	Minimum	95th percentile	Mean ¹	Standard Deviation
Metals									
Arsenic	Yes	µg/L	102	91.2%	103	<MDL	10.8	1.49	10.57
Chromium (hexavalen	Yes	µg/L	82	8.5%	98	<MDL	54.6	5.36	16.86
Lead	Yes	µg/L	101	73.3%	98.6	<MDL	18	0.516	13.28
Mercury	Yes	µg/L	100	64.0%	0.23	<MDL	0.091	0.015	0.037
Inorganics									
Ammoniacal Nitrogen	No	mg/l	101	60.4%	2.72	<MDL	0.395	0.0441	0.404
Cyanide Total	No	µg/L	83	77.1%	104	<MDL	29.5	1.53	17.77
Polycyclic Aromatic Hydrocarbons									
Naphthalene	No	µg/L	83	60.2%	69	<MDL	0.645	0.0623	7.572
Benzo(a)pyrene	Yes	µg/L	83	49.4%	5	<MDL	0.288	0.013	0.714
BTEX									
Benzene	Yes	µg/L	69	0.0%	<MDL	<MDL	<MDL	<MDL	-

Notes

1 - Where maximum and minimum range is greater than one order of magnitude, a geometric mean has been used. Otherwise, an arithmetic mean has been calculated.

<MDL - less than method detection limit

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA

Table 3: Descriptive Statistics

Analyte	Determined as Hazardous Pollutant	Units	Foundry East Sand Fill						
			No. Samples	% >MDL	Maximum	Minimum	95th percentile	Mean ¹	Standard Deviation
Metals									
Arsenic	Yes	µg/L	10	100.0%	4.8	0.48	4.17	1.91	1.361
Chromium (hexavalen	Yes	µg/L	6	0.0%	<MDL	<MDL	<MDL	<MDL	-
Lead	Yes	µg/L	10	50.0%	1	<MDL	0.897	0.153	0.362
Mercury	Yes	µg/L	10	40.0%	0.08	<MDL	0.053	0.00871	0.023
Inorganics									
Ammoniacal Nitrogen	No	mg/l	10	70.0%	0.1	<MDL	0.0958	0.0297	0.036
Cyanide Total	No	µg/L	6	83.3%	14	<MDL	11	1	5.351
Polycyclic Aromatic Hydrocarbons									
Naphthalene	No	µg/L	6	50.0%	0.1	<MDL	0.09	0.0475	0.03
Benzo(a)pyrene	Yes	µg/L	6	50.0%	0.17	<MDL	0.15	0.0184	0.068
BTEX									
Benzene	Yes	µg/L	5	0.0%	<MDL	<MDL	<MDL	<MDL	-

Notes

1 - Where maximum and minimum range is greater than one order of magnitude, a geometric mean has been used. Otherwise, an arithmetic mean has been calculated.

<MDL - less than method detection limit

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA

Table 3: Descriptive Statistics

Analyte	Determined as Hazardous Pollutant	Units	Concrete						
			No. Samples	% >MDL	Maximum	Minimum	95th percentile	Mean ¹	Standard Deviation
Metals									
Arsenic	Yes	µg/L	31	35.5%	9.4	<MDL	1.25	0.588	1.621
Chromium (hexavalen	Yes	µg/L	29	24.1%	35.4	<MDL	21.4	2.33	8.141
Lead	Yes	µg/L	30	66.7%	3.54	<MDL	2.91	0.753	1.101
Mercury	Yes	µg/L	31	45.2%	0.089	<MDL	0.0646	0.0123	0.022
Inorganics									
Ammoniacal Nitrogen	No	mg/l	23	47.8%	0.377	<MDL	0.366	0.189	0.104
Cyanide Total	No	µg/L	23	0.0%	<MDL	<MDL	<MDL	<MDL	-
Polycyclic Aromatic Hydrocarbons									
Naphthalene	No	µg/L	28	85.7%	1.95	<MDL	1.02	0.202	0.412
Benzo(a)pyrene	Yes	µg/L	28	10.7%	0.037	<MDL	0.0113	0.00157	0.007
BTEX									
Benzene	Yes	µg/L	29	0.0%	<MDL	<MDL	<MDL	<MDL	-

Notes

1 - Where maximum and minimum range is greater than one order of magnitude, a geometric mean has been used. Otherwise, an arithmetic mean has been calculated.

<MDL - less than method detection limit

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA

Table 3: Descriptive Statistics

Analyte	Determined as Hazardous Pollutant	Units	Refractory Brick						
			No. Samples	% >MDL	Maximum	Minimum	95th percentile	Mean ¹	Standard Deviation
Metals									
Arsenic	Yes	µg/L	37	2.7%	8.9	<MDL	1.25	1.46	1.258
Chromium (hexavalen	Yes	µg/L	37	18.9%	92	<MDL	30.4	4.22	15.77
Lead	Yes	µg/L	37	8.1%	2044	<MDL	98.8	3.63	340.8
Mercury	Yes	µg/L	37	0.0%	<MDL	<MDL	<MDL	<MDL	-
Inorganics									
Ammoniacal Nitrogen	No	mg/l	37	24.3%	15.5	<MDL	8.33	0.04	3.255
Cyanide Total	No	µg/L	37	27.0%	26	<MDL	6.2	0.803	4.349
Polycyclic Aromatic Hydrocarbons									
Naphthalene	No	µg/L	37	10.8%	0.2	<MDL	0.16	0.0662	0.041
Benzo(a)pyrene	Yes	µg/L	37	64.9%	2.114	<MDL	0.545	0.0226	0.375
BTEX									
Benzene	Yes	µg/L	-	-	-	-	-	-	-

Notes

1 - Where maximum and minimum range is greater than one order of magnitude, a geometric mean has been used. Otherwise, an arithmetic mean has been calculated.

<MDL - less than method detection limit

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA

Table 3: Descriptive Statistics

Analyte	Determined as Hazardous Pollutant	Units	Land West of Warrenby Made Ground						
			No. Samples	% >MDL	Maximum	Minimum	95th percentile	Mean ¹	Standard Deviation
Metals									
Arsenic	Yes	µg/L	103	70.9%	21.4	<MDL	10.1	3.24	3.777
Chromium (hexavalent)	Yes	µg/L	6	66.7%	48	<MDL	40	5.77	17.9
Lead	Yes	µg/L	103	2.9%	36	<MDL	2.5	2.65	3.698
Mercury	Yes	µg/L	103	10.7%	0.07	<MDL	0.02	0.00588	0.01
Inorganics									
Ammoniacal Nitrogen	No	mg/l	103	34.0%	0.14	<MDL	0.07	0.0275	0.024
Cyanide Total	No	µg/L	102	87.3%	177	<MDL	32.6	3.99	21.38
Polycyclic Aromatic Hydrocarbons									
Naphthalene	No	µg/L	103	32.0%	4.5	<MDL	0.4	0.0834	0.462
Benzo(a)pyrene	Yes	µg/L	103	100.0%	9.801	0.006	1.6	0.226	1.16
BTEX									
Benzene	Yes	µg/L	6	0.0%	<MDL	<MDL	<MDL	<MDL	-

Notes

1 - Where maximum and minimum range is greater than one order of magnitude, a geometric mean has been used. Otherwise, an arithmetic mean has been calculated.

<MDL - less than method detection limit

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA

Table 3: Descriptive Statistics

Analyte	Determined as Hazardous Pollutant	Units	South Bank Made Ground						
			No. Samples	% >MDL	Maximum	Minimum	95th percentile	Mean ¹	Standard Deviation
Metals									
Arsenic	Yes	µg/L	18	27.8%	5.3	<MDL	4.71	2.1	1.442
Chromium (hexavalen	Yes	µg/L	18	0.0%	<MDL	<MDL	<MDL	<MDL	-
Lead	Yes	µg/L	18	0.0%	<MDL	<MDL	<MDL	<MDL	-
Mercury	Yes	µg/L	18	5.6%	0.01	<MDL	0.025	0.0153	0.01
Inorganics									
Ammoniacal Nitrogen	No	mg/l	18	83.3%	6.7	<MDL	2.65	0.0785	1.598
Cyanide Total	No	µg/L	18	33.3%	5	<MDL	3.3	1.11	1.207
Polycyclic Aromatic Hydrocarbons									
Naphthalene	No	µg/L	18	100.0%	27.5	0.2	8.03	0.958	6.303
Benzo(a)pyrene	Yes	µg/L	18	100.0%	0.873	0.007	0.505	0.0655	0.21
BTEX									
Benzene	Yes	µg/L	18	0.0%	<MDL	<MDL	<MDL	<MDL	-

Notes

1 - Where maximum and minimum range is greater than one order of magnitude, a geometric mean has been used. Otherwise, an arithmetic mean has been calculated.

<MDL - less than method detection limit

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA

Table 3: Descriptive Statistics

Analyte	Determined as Hazardous Pollutant	Units	Steel House Made Ground						
			No. Samples	% >MDL	Maximum	Minimum	95th percentile	Mean ¹	Standard Deviation
Metals									
Arsenic	Yes	µg/L	35	45.7%	15.8	<MDL	9.95	2.27	3.325
Chromium (hexavalen	Yes	µg/L	35	37.1%	109	<MDL	51.5	8	24.18
Lead	Yes	µg/L	35	17.1%	26	<MDL	21.1	2.93	6.113
Mercury	Yes	µg/L	35	45.7%	0.605	<MDL	0.18	0.0125	0.108
Inorganics									
Ammoniacal Nitrogen	No	mg/l	32	56.3%	9.17	<MDL	0.125	0.0375	1.614
Cyanide Total	No	µg/L	35	82.9%	87	<MDL	38.6	3.89	17.17
Polycyclic Aromatic Hydrocarbons									
Naphthalene	No	µg/L	35	82.9%	1038.8	<MDL	117	0.518	177.7
Benzo(a)pyrene	Yes	µg/L	35	60.0%	1.173	<MDL	0.454	0.0189	0.221
BTEX									
Benzene	Yes	µg/L	35	14.3%	58.7	<MDL	8.05	0.406	10.36

Notes

1 - Where maximum and minimum range is greater than one order of magnitude, a geometric mean has been used. Otherwise, an arithmetic mean has been calculated.

<MDL - less than method detection limit

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA

Table 3: Descriptive Statistics

Analyte	Determined as Hazardous Pollutant	Units	Foundry Central West Made Ground						
			No. Samples	% >MDL	Maximum	Minimum	95th percentile	Mean ¹	Standard Deviation
Metals									
Arsenic	Yes	µg/L	21	71.4%	8.15	<MDL	5.84	0.846	2.133
Chromium (hexavalen	Yes	µg/L	17	41.2%	118	<MDL	106	19.6	39.86
Lead	Yes	µg/L	21	66.7%	20.9	<MDL	11.1	0.646	4.977
Mercury	Yes	µg/L	20	55.0%	5.67	<MDL	4.09	0.0317	1.501
Inorganics									
Ammoniacal Nitrogen	No	mg/l	22	40.9%	34	<MDL	0.404	0.134	7.223
Cyanide Total	No	µg/L	19	42.1%	30.2	<MDL	21	2.5	7.672
Polycyclic Aromatic Hydrocarbons									
Naphthalene	No	µg/L	18	72.2%	4	<MDL	1.18	0.0455	0.934
Benzo(a)pyrene	Yes	µg/L	18	16.7%	5	<MDL	0.792	0.00298	1.177
BTEX									
Benzene	Yes	µg/L	16	0.0%	<MDL	<MDL	<MDL	<MDL	-

Notes

1 - Where maximum and minimum range is greater than one order of magnitude, a geometric mean has been used. Otherwise, an arithmetic mean has been calculated.

<MDL - less than method detection limit

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA

Table 3: Descriptive Statistics

Analyte	Determined as Hazardous Pollutant	Units	Mudstone						
			No. Samples	% >MDL	Maximum	Minimum	95th percentile	Mean ¹	Standard Deviation
Metals									
Arsenic	Yes	µg/L	39	100.0%	30	0.61	17.3	6.08	6.805
Chromium (hexavalen	Yes	µg/L	39	2.6%	7.3	<MDL	3.5	3.6	0.608
Lead	Yes	µg/L	39	51.3%	57	<MDL	2.24	0.149	9.1
Mercury	Yes	µg/L	-	-	-	-	-	-	-
Inorganics									
Ammoniacal Nitrogen	No	mg/l	-	-	-	-	-	-	-
Cyanide Total	No	µg/L	-	-	-	-	-	-	-
Polycyclic Aromatic Hydrocarbons									
Naphthalene	No	µg/L	39	79.5%	0.67	<MDL	0.465	0.119	0.145
Benzo(a)pyrene	Yes	µg/L	39	5.1%	0.1	<MDL	0.0065	0.00559	0.015
BTEX									
Benzene	Yes	µg/L	-	-	-	-	-	-	-

Notes

1 - Where maximum and minimum range is greater than one order of magnitude, a geometric mean has been used. Otherwise, an arithmetic mean has been calculated.

<MDL - less than method detection limit

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East

Table 4: Worst-Case Source Input Concentrations

Analyte	Determined as Hazardous Pollutant	Units				
			Distribution	Minimum ¹	Maximum ²	Likely Value ³ (Mean)
Metals						
Arsenic	Yes	µg/L	Log triangular	0.61	103	6.08
Chromium (hexavalent)	Yes	µg/L	Log triangular	1	118	19.6
Lead	Yes	µg/L	Log triangular	0.2	2044	3.63
Mercury	Yes	µg/L	Log triangular	0.02	5.67	0.032
Inorganics						
Ammoniacal Nitrogen as N	No	mg/l	Log triangular	0.015	34	0.19
Cyanide Total	No	µg/L	Log triangular	0.1	177	3.99
Polycyclic Aromatic Hydrocarbons						
Naphthalene	No	µg/L	Log triangular	0.2	1038.8	0.96
Benzo(a)pyrene	Yes	µg/L	Log triangular	0.007	9.80	0.23
BTEX						
Benzene	Yes	µg/L	Log triangular	0.2	58.7	0.41

Notes

1 - If minimum is MDL then LoQ selected for hazardous or minimum MDL for non-hazardous

2 - Maximum measured concentration in soil leachate, based on a review of all nine material types, to represent "worst case", as presented in Tables 1a - 1i

3 - Likely value adopted based on the maximum mean value from each of the nine material types assessed, as presented in Tables 1a - 1i.

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA											
Table 5a - ConSim Modelling Outputs - Prevent Hazardous / Limit Non-Hazardous Assessment											
Chemical Group	Contaminant of Concern	Determined as Hazardous Pollutant	Unit	LoQ (MRV)	DWS	EQS	Starting Concentration*	Travel time to receptor (yrs)**	Maxmium Predicted Concentration at Boundary Receptor (timeslice)***	Maximum Predicted Concentration at 50m Compliance Point *** / **** (timeslice)	Comment
Metals	Arsenic	Yes	µg/L	5	10	25	0.61 -- 6.08 -- 103	5070	4.90 (10,000 yrs)	n/a	Below MRV at site boundary
Metals	Chromium VI	Yes	µg/L	1	50	0.6	1 -- 19.6 -- 118	396	3.70 (1,800 yrs)	n/a	Above MRV at site boundary
Metals	Lead	Yes	µg/L	0.2	10	1.3	0.2 -- 3.63 -- 2044	4790	1.88 (10,000 yrs)	n/a	Above MRV at site boundary
Metals	Mercury	Yes	µg/L	0.02	1	0.07	0.02 -- 0.032 -- 5.67	9750	No breakthrough	n/a	Below MRV at site boundary
Inorganics	Ammoniacal Nitrogen as N	No	mg/L	N/A	0.5	0.021	0.015 -- 0.19 -- 34	14	0.30 (50 yrs)	0.22 (50 yrs)	Below DWS at 50m CP.
Inorganics	Cyanide (Total)	No	µg/L	N/A	1	-	0.1 -- 3.99 -- 177	173	0.033 (400 yrs)	0.0074 (400 yrs)	Below DWS at 50m CP.
PAH	Benzo(a)pyrene	Yes	µg/L	0.02	0.01	2E-04	0.007 -- 0.23 -- 9.80	504000	No breakthrough	n/a	No breakthrough in 10,000yrs.
PAH	Naphthalene	No	µg/L	N/A	-	2	0.2 -- 0.96 -- 1038.8	37.7	0.29 (125 yrs)	0.072 (150 yrs)	Below EQS at 50m CP.
BTEX	Benzene	Yes	µg/L	0.2	1	8	0.2 -- 0.41 -- 58.7	6.09	0.086 (15yrs)	n/a	Below MRV at site boundary

Notes

LoQ (MRV) Limit of Quantification (Minimum Reporting Value)

DWS Drinking Water Standard. The Water Supply (Water Quality) Regulations 2016

EQS Environmental Quality Standard. <https://www.gov.uk/guidance/surface-water-pollution-risk-assessment-for-your-environmental-permit>

- Relevant WQS not available. DWS or EQS adopted in absence.

* Minimum - Mean - Maximum (log triangular distribution) based on leachate considering all material types

** 5th percentile retarded travel time presented, based on a receptor at the site boundary. Presented to three significant figures.

*** 95th percentile concentration presented

**** A compliance point of 50m is applicable to non-hazardous compounds only

>10,000yrs modelled timeframe

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA
Table 5b - ConSim Modelling Outputs - Assessment of Potential to Cause Pollution

Chemical Group	Contaminant of Concern	Determined as Hazardous Pollutant	Unit	LoQ (MRV)	DWS	EQS	Modelled Groundwater Background Concentration	Starting Concentration**	Maximum Predicted Concentration at Bran Sands Lagoon***
Metals	Chromium VI	Yes	µg/L	1	50	0.6	0	1 -- 19.6 -- 118	0.34 (6,000 yrs)
Metals	Chromium VI	Yes	µg/L	1	50	0.6	0.5*	1 -- 19.6 -- 118	0.69 (6,000 yrs)

Notes

LoQ (MRV) Limit of Quantification (Minimum Reporting Value)

DWS Drinking Water Standard. The Water Supply (Water Quality) Regulations 2016

EQS Environmental Quality Standard. <https://www.gov.uk/guidance/surface-water-pollution-risk-assessment-for-your-environmental-permit>

* Measured concentrations of chromium VI in groundwater within monitoring wells screening Made Ground / Tidal Flat Deposits was generally below laboratory method detection limit. The exception was a measured detection of 350µg/l in A-BH20S, during one of eight sampling events for this well; this was not considered representative of groundwater baseline data. For the purpose of modelling, it has been assumed that background is equivalent to half the LoQ (MRV).

** Minimum - Mean - Maximum (log triangular distribution) based on leachate considering all material types

*** Multiple compliance points modelled to capture worst-case conditions. Highest predicted concentration associated with Bran Sands 1 compliance point.

Appendix A

Planning application



TOWN AND COUNTRY PLANNING ACT 1990

NOTICE OF OUTLINE PLANNING PERMISSION

Agent Name and Address

Lichfields
MR NEIL WESTWICK
LICHFIELDS
THE ST NICHOLAS BUILDING
ST NICHOLAS STREET
NEWCASTLE UPON TYNE
NE1 1RF

Applicant Name and Address

SOUTH TEES DEVELOPMENT
CORPORATION
-
CAVENDISH HOUSE
TEESDALE BUSINESS PARK
STOCKTON ON TEES
TS17 6QY

Reference No: R/2020/0821/ESM

The Council as the Local Planning Authority **HEREBY GRANT OUTLINE PLANNING PERMISSION** for the development proposed by you in your application valid on: 21 January 2021

Details: **OUTLINE PLANNING APPLICATION FOR DEVELOPMENT OF UP TO 464,515QM (GROSS) OF GENERAL INDUSTRY (USE CLASS B2) AND STORAGE OR DISTRIBUTION FACILITIES (USE CLASS B8) WITH OFFICE ACCOMMODATION (USE CLASS E), HGV AND CAR PARKING AND ASSOCIATED INFRASTRUCTURE WORKS (ALL MATTERS RESERVED)**

Location: **LAND BOUNDED BY EDGE OF NWL BRAN SANDS TREATMENT PLANT AND FORMER ICI LANDFILL TO SOUTH WEST; REDCAR BULK TERMINAL TO NORTH WEST LINE OF VEGETATION TOD POINT ROAD TO NORTH EAST AND EXISTING INTERNAL ROADS TO SOUTH EAST**

Applicant: **SOUTH TEES DEVELOPMENT CORPORATION**

Subject to the following condition(s):

1. **In accordance with the phasing plan agreed through the discharge of condition 5, details of the:**
 - **Appearance;**
 - **Landscaping;**
 - **Layout;**
 - **Access; and**
 - **Scale**

(hereafter called "the reserved matters) shall be submitted to and approved in writing by the Local Planning Authority before that phase of the development

DECOOG

shall take place. The development shall be carried out as approved, unless otherwise agreed in writing.

REASON: Required to be imposed pursuant to Section 92 of the Town and Country Planning Act 1990 as amended by the Planning and Compulsory Purchase Act 2004.

2. Application for approval of reserved matters for the first phase of the development must be made no later than the expiration of three years beginning with the date of this permission, and the first phase of the development must be begun not later than the expiration of two years from the first approval of all reserved matters. The application for approval of the reserved matters for the subsequent phases of development shall be made to the Local Planning Authority before the expiration of 15 years from the date of this permission and each phase must be begun not later than the expiration of two years from the approval of all reserved matters for that phase of development.

REASON: Required to be imposed pursuant to Section 92 of the Town and Country Planning Act 1990, as amended by the Planning and Compulsory Purchase Act 2004.

3. Any subsequent application for Reserved Matters consent that seeks approval for 'access' and/or 'layout' shall include evidence that the submitted layout plans have been developed, whilst having regard to the requirement to provide access to, through and from the site to those not using motorised vehicles, i.e. by foot and cycle. The submission shall demonstrate that the development makes reasonable endeavours to provide links and all reasonable opportunities have been taken to provide appropriate links. The submission shall include full details of the links and routes, including surface materials, levels and associated infrastructure e.g. lighting.

REASON: To ensure that the site is attractive to users, other than those using motorised vehicles, in the interests of sustainability and inclusivity.

4. The development hereby permitted shall be carried out in accordance with the following approved plan:

Proposed Parameters Plan (Dwg No FO-SD-10.01 Rev. B).

REASON: To accord with the terms of the planning application.

5. No development shall commence until a phasing plan for the application site has been submitted to and approved in writing by the Local Planning Authority. The development shall be carried out in accordance with the approved phasing plan unless otherwise approved in writing with the Local Planning Authority. The applicant reserves the right to amend the phasing plan.

REASON: To ensure that the development takes place in accordance with the principles, parameters and application submission.

REASON FOR PRE-COMMENCEMENT: A pre-commencement condition is required as the Phasing Plan will establish the first phase of development to proceed.

6. Prior to the commencement of each phase of the development, a Construction Environmental Management Plan (CEMP) for that phase of the development shall be submitted to and approved in writing by the Local Planning Authority, or any other subsequent variation approved in writing. The CEMP will include measures relating to highways, ecology, materials and health and safety with particular reference to those matters below. The development shall thereafter take place in accordance with the approved details.
- Invasive Non-Native Species ('INNS') Management Plan
 - Construction Traffic Management Plan (incorporating noise assessment) ('CTMP')
 - Construction Noise Management Plan
 - Construction Waste Management Plan ('CWMP')
 - Materials Management Plan ('MMP')
 - Health and Safety Plan for asbestos and watching brief where necessary
 - Car Parking Management Plan and Servicing Management Plan
 - Ground Water Management Plan ('GWMP')

REASON: To ensure the environmental effects of construction are appropriately managed.

REASON FOR PRE-COMMENCEMENT: A pre-commencement condition is required as the environmental impact of the development will occur on the commencement of development.

7. Prior to the commencement of any phase as approved through the phasing plan under condition 5, an updated Habitats Regulations Assessment shall be submitted for that phase. The HRA shall confirm, based on the approved detail of the development and its processes and the conclusions of the Environmental Impact Assessment that the development will not give rise to significant adverse impacts on the Teesmouth and Cleveland Coast SPA and Ramsar sites. Where significant impacts not previously identified are assessed to arise from the approved detailed scheme, the additional information shall set out those mitigation measures to be employed to minimise or eliminate such impacts.

REASON: To update the Habitats Regulations Assessment based on the detailed schemes.

8. Within 12 months of the grant of this planning permission, an Environment and Biodiversity Strategy shall be prepared and submitted to the local planning authority that confirms the feasibility of providing habitat mitigation and compensatory habitat equivalent to be 147.40 habitat BDUs, within the site and / or off-site, and the mechanisms for its provision and on-going management. That Strategy shall be approved by the local planning authority.

Following the approval of reserved matters details of the 'layout' of any phase of development, the Environment and Biodiversity Strategy shall be updated to include the following:

- The details of any new and enhanced biodiversity to be created on site, within that phase of development;
- The details of viable compensatory habitat where on-site mitigation is demonstrated not to be feasible, relevant to that phase of development;
- The details of treatment of site boundaries and/or buffers around water bodies, relevant to that phase of development;
- The details of long-term maintenance regimes and management responsibilities, relevant to that phase of development.

The identified mitigation and, where demonstrated to be necessary and feasible, compensation shall be provided in accordance with the Strategy and any subsequent agreed amendments to it, and shall be implemented within 12 months of occupation.

REASON: To establish a framework for biodiversity.

9. Prior to the commencement of any development, a reptile survey encompassing all areas of suitable habitat on the site will be carried out. Should reptiles be found to be present then a reptile mitigation strategy shall be drawn up and submitted for approval by the Local Planning Authority. The reptile mitigation strategy shall include measures to prevent harm to reptiles and to maintain the population of reptiles. It will include a specific monitoring programme. The recommendations of the reptile mitigation strategy will be implemented in accordance with the submitted strategy.

REASON: In the interests of protecting reptiles.

REASON FOR PRE-COMMENCEMENT: A pre-commencement condition is required as the proposal has the potential to impact on reptile habitat from the commencement of development.

10. Prior to the commencement of development, or at such a time agreed in the phasing plan, a high level Water Framework Directive (WFD) assessment is to be submitted to, and approved in writing by, the local planning authority. This assessment shall include the entire site and consider the impacts of the full development proposal. The scheme shall be implemented in accordance with the approved details, unless otherwise agreed in writing.

REASON: To ensure that the development would not lead to deterioration or prevent the attainment of Good Ecological Status of any waterbody under the Water Framework Directive (WFD) objectives.

11. Prior to the approval of any phase of development that includes watercourses, the approved WFD assessment shall be updated. This shall be submitted to and approved by the Local Planning Authority prior to the commencement of the relevant phase of development in accordance with the approved phasing plan. The scheme shall be implemented in accordance with the approved details and any mitigation measures recommended as part of

the assessment will be adhered to throughout the lifetime of the development, unless otherwise agreed in writing.

REASON: To ensure that the development would not lead to deterioration or prevent the attainment of Good Ecological Status of any waterbody under the Water Framework Directive (WFD) objectives.

12. Prior to the commencement of any phase, a detailed scheme for the disposal of foul and surface water from that phase shall be submitted to and approved in writing by the Local Planning Authority in consultation with Northumbrian Water and the Lead Local Flood Authority. The scheme shall include the following:

- (i) The timetable and phasing for construction of the drainage system
- (ii) Details of any control structure(s)
- (iii) Details of surface water storage structures
- (iv) Measures to control silt levels entering the system and out falling into any watercourse during the construction process. The development shall, in all respects, be carried out in accordance with the approved Management Plan. the development shall be completed in accordance with the approved scheme.

Thereafter the development shall take place in accordance with the approved details.

REASON: To prevent the increased risk of flooding from any sources in accordance with the NPPF.

REASON FOR PRE-COMMENCEMENT: A pre-commencement condition is required to ensure that excavations and groundworks do not compromise the installation of the approved surface water or foul drainage infrastructure.

13. Prior to the commencement of any phase or as approved as part of the phasing plan, details shall be submitted to and approved in writing by the Local Planning Authority of the Surface Water Management and Maintenance Plan applicable to that phase, unless otherwise agreed in writing. Thereafter it shall be implemented in accordance with the approved details.

REASON: To ensure the development is supported by a suitably designed surface water disposal infrastructure scheme which is appropriately maintained and to minimise the risk flooding and contamination of the system during the construction process and in the locality minimise.

REASON FOR PRE-COMMENCEMENT: A pre-commencement condition is required to ensure that excavations and groundworks do not compromise the installation of the approved surface water drainage infrastructure.

14. Prior to the first occupation of any building of the completed development, a Travel Plan shall be submitted to and approved in writing by the Local Planning Authority. That Travel Plan could relate to individual occupiers of buildings or to a number of occupiers with shared Travel Plan objectives. Where feasible and viable, Travel Plan Measures shall incorporate improvements and/or expansion and where necessary financial

contributions, including an appropriate delivery mechanism, towards bus services and pedestrian/cycle networks that are capable of increasing accessibility to the site. Thereafter the development shall be implemented in accordance with the approved Travel Plan, unless otherwise is agreed in writing.

REASON: to ensure that the end users can make an informed choice as to the method of sustainable transport.

15. No development shall commence on each phase until a detailed Remediation Scheme to bring that phase to a condition suitable for the intended use (by removing unacceptable risks to human health, buildings and other property and the natural and historical environment) has been submitted to and approved in writing by the Local Planning Authority. The submitted scheme shall include a timetable for the works to take place. The development shall be carried out in accordance with the approved scheme, unless otherwise approved.

REASON: To ensure that risks from land contamination to the future users of the land and neighbouring land are minimised.

16. The Approved Remediation Scheme, for each phase, shall be implemented in accordance with the approved timetable of works. Prior to the occupation of any unit in that phase, a Verification Report (that demonstrates the effectiveness of the remediation carried out) must be produced and is subject to the approval in writing of the Local Planning Authority.

REASON: To ensure that risks from land contamination to the future users of the land and neighbouring land are minimised.

17. Prior to the development first being brought into permitted end use, a detailed noise assessment shall be submitted to the Local Planning Authority for written approval. The assessment shall include details of any enclosures for any noise emitting plant and machinery that is considered necessary. Where considered necessary, the scheme shall include details of sound-proofing material, sound-insulating material, mounting to reduce vibration and transmission of structural borne sound, and ventilation or extraction systems required for the enclosure. Any measures contained within the report shall be complied with thereafter, unless otherwise is agreed in writing.

REASON: In the interests of amenity and to ensure that the development can be operated without unacceptable impacts on neighbour last uses.

18. Prior to the commencement of any piling activity, a Piling Risk Assessment shall be submitted to and approved in writing by the Local Planning Authority. Any mitigation measures identified as part of the assessment shall be implemented throughout the piling phase of the development, unless otherwise is agreed in writing.

REASON: To ensure the satisfactory implementation of the approved scheme in the interests of the amenity of the locality/

19. During construction and operation, works at the site can take place 24 hours a day and 7 days a week.

REASON: To ensure the development is carried out in accordance with the terms of the Environmental Statement.

20. Prior to the installation of any external lighting, full details of the lighting shall be submitted to the Local Planning Authority for its written approval. The development shall be carried out in accordance with the approved details, unless otherwise agreed in writing.

REASON: To ensure the satisfactory implementation of the approved scheme in the interests of the visual amenity of the locality and the appearance of the development.

21. An Operational Waste Management Plan shall be submitted to and approved in writing by the Local Planning Authority prior to the occupation of each building on site. The management measures shall be complied with thereafter, unless otherwise agreed in writing.

REASON: To ensure the development is carried out in accordance with approved details.

22. A Sustainability Statement and Energy Management Strategy shall be submitted to and approved in writing by the Local Planning Authority prior to the occupation of each building. Where feasible the measures shall be complied with thereafter, unless otherwise agreed in writing.

REASON: To ensure the development is carried out in a sustainable form.

23. Prior to the commencement of any phase of the development, or as otherwise approved through a phasing plan submitted under condition 5, full details of the finished floor levels for that phase shall be submitted to the Local Planning Authority for its written approval. The development shall be carried out in accordance with the approved details.

REASON: To confirm the finished floor level of the development in the light of any necessary groundworks to meet the requirement of other planning conditions and confirm the overall height of the final scheme in the context of the information provided in the Environmental Statement.

REASON FOR PRE-COMMENCEMENT: A pre-commencement condition is required so that the final agreed levels for the site are not compromised by the start of groundworks.

24. Prior to the commencement of construction of any buildings a Local Employment Scheme for the construction of that building shall be submitted to, and approved in writing by, the Local Planning Authority. The development shall be implemented in accordance with the approved Scheme or any variations approved in writing by the Local Planning Authority. The submitted Local Employment Scheme should include the following:

1. Details of how the initial staff/employment opportunities at the Development will be advertised and how liaison with the Council and other bodies will take place in relation to maximising the access of the local workforce to information about employment opportunities;
2. Details of how sustainable training opportunities will be provided for those recruited to fulfil staff/employment requirements including the provision of apprenticeships;
3. A procedure setting out criteria for employment, and for matching of candidates to the vacancies;
4. Measures to be taken to offer and provide college and/or work placement opportunities at the Development to students within the locality;
5. Details of the promotion of the Local Employment Scheme and liaison with tenants contractors engaged in the construction of the Development to ensure that they also apply the Local Employment Scheme so far as practicable having due regard to the need and availability for specialist skills and trades and the programme for constructing the development;
6. A procedure for monitoring the Local Employment Scheme and reporting the results of such monitoring to the Council including details of the origins qualifications numbers and other details of candidates; and,
7. A timetable for the implementation of the Local Employment Scheme.

REASON: To ensure a suitable strategy for local employment opportunities is implemented.

25. Within 6 months of commencement of development, details of the Teesworks Local Employment Scheme shall be submitted to, and approved in writing by the local planning authority. Thereafter the principles of the TLES shall be implemented in full unless otherwise agreed in writing. The submitted Local Employment Scheme should include the following:

1. Details of how training opportunities will be provided to the local community through the Teesworks Academy;
2. Details of how the Teesworks Academy will engage with prospective and actual occupiers of the development;
3. Details of how the Grangetown hub will be utilised to maximise training and employment opportunities for the local community. This will include details of how the operation of the Grangetown hub will be supported through South Tees Development Corporation or other funding mechanisms;
4. A procedure for monitoring the Local Employment Scheme and reporting the results; and,
5. A timetable for the implementation of the Local Employment Scheme.

REASON: To ensure a suitable strategy for local employment opportunities is implemented. Statement of Co-operative Working: The Local Planning Authority considers that the application as originally submitted did not meet with the local policies and guidance. Following discussions with the applicant / agent a satisfactory scheme has been negotiated.

26. Prior to the commencement of any development, a Stage 1 Road Safety Audit in accordance with DMRB GG119 (including a completed Road Safety Audit Decision Log) relating to the proposed highway improvement works at A1085/Trunk Road and A1053/Greystones Road roundabouts shall be submitted to and approved in writing by the Local Planning Authority in consultation with National Highways. The development shall be carried out in accordance with the approved detail.

REASON: To ensure that off site highway works are designed to an appropriate standard, in the interests of highway safety.

27. Unless the same (or substantially similar) has already been submitted to and approved in conjunction with any of the applications considered under the following reference numbers R/2020/0819ESM, R/2020/0820/ESM, R/2020/0822/ESM, R/2020/0823/ESM or committed through any other means no development shall be allowed pursuant to this permission until further details for improvement of each of the following road improvements has been submitted to and approved by the Local Planning Authority;

a) Greystones roundabout as indicated on plan ref. 279257-ARP-XX-XX-DR-CH-0102;

b) A1085 Trunk Road roundabout as indicated on plan ref. 279257-ARP-XX-XX-DR-CH-0101; and

c) Tees Dock Road at the roundabout junction with the A66 as indicated on plan ref. 79257-ARP-XX-XX-SK-CH-0007

REASON: To ensure that offsite highway works are designed to an appropriate standard, in the interests of highway safety and capacity.

28. All reserved matters applications seeking approval of 'scale' and 'layout' must be accompanied by a transport impact assessment setting out the predicted peak hour (as defined in condition 30) two way vehicle trips at the A1053 (Greystone Road) / A1085 (Trunk Road) [NZ556209] and A174 / A174 / A1053 (Greystone Road) / High Street [NZ568193] from the development proposed by that application, for approval by the Local Planning Authority in consultation with Middlesbrough Council and National Highways.

REASON: To inform the design of any necessary highway improvements.

29. All traffic impact assessments submitted to the Local Planning Authority pursuant to condition 28 shall be accompanied by a scheme that sets out the extent of the works covered by condition 27 that need to be undertaken to address the effects of that development, together with the cumulative effects (predicted or as a result of monitoring as the case may be) of all development with reserved matters approval or have been carried out pursuant to applications listed in condition 27. The scheme shall also set out the programme for delivery of those works and the costs and responsibilities for those works. No development shall take place until that scheme has been approved by the Local Planning Authority. The development shall thereafter be carried out in accordance with that approved scheme.

REASON: To ensure that offsite highway works are designed to an appropriate standard, in the interests of highway safety and capacity.

30. No development pursuant to this permission shall be allowed unless the predicted peak hour two way movement trips approved under condition 28, in combination with those trips already approved pursuant to all reserved matters approvals in relation to each of applications listed in Condition 27 or as the case maybe, if those development have already been carried out in part or in whole, the appropriate adjustment to reflect actual trips identified from each of those development pursuant to monitoring of their trip generation, is equal to or less than:

Junction	AM peak hour two-way vehicle trips	PM peak hour two-way vehicle trips
A1053 (Greystone Road) / A1085 (Trunk Road) [NZ556209]	983	858
A174 / A174 / A1053 (Greystone Road) / High Street [NZ568193]	462	397

For the purposes of interpreting the above: the "AM peak hour" is defined as the busiest hour between 07.00-10.00; the "PM peak hour" is defined as the busiest hour between 16.00 – 19.00.

REASON: In order to ensure the satisfactory operation of the highway.

31. No development pursuant to this permission shall be occupied until a scheme for monitoring traffic generated by the development at A1053 (Greystone Road) / A1085 (Trunk Road) [NZ556209] and A174 / A174 / A1053 (Greystone Road) / High Street [NZ568193] has been submitted to and approved by the Local Planning Authority in consultation with National Highways. The monitoring scheme shall thereafter be implemented.

REASON: To inform the design of any necessary highway improvements.

32. Reserved matters approval will not be granted for any scale of development that, when measured cumulatively with development committed this planning permission or pursuant to permissions referred to in Condition 27, would result in vehicle movements that exceeds the numbers at each junction as set out in the table within Condition 30 unless a transport impact assessment has been submitted to and approved by the Local Planning Authority, in consultation with Middlesbrough Council and National Highways, which demonstrates that additional trips generated above that identified in the table in Condition 30 is capable of being mitigated. Any required scheme(s) of mitigation shall be set out in an agreement entered into with the Local Planning Authority, that confirms the design, costs, responsibilities and programme for the delivery of the mitigation works. Thereafter the mitigation works shall be delivered in accordance with the agreed programme.

REASON: In order to ensure the satisfactory operation of the highway

33. Unless the same (or substantially similar) has already been submitted to and approved in conjunction with any of the applications considered under the following reference numbers R/2020/0819ESM, R/2020/0820/ESM, R/2020/0822/ESM, R/2020/0823/ESM or committed through any other means no development shall be allowed pursuant to this permission until a scheme, including an appropriate delivery mechanism, to secure a proportionate contribution towards the provision of Traffic Average Speed Monitoring Cameras on the A66 corridor that covers the section of the A66 that travels around the north of the Town Centre (from Newport Interchange to Borough Road) has been submitted to the Local Planning Authority for its written approval in consultation with Middlesbrough Council. The scheme shall be implemented in full accordance with the approved detail.

REASON: In order to ensure the delivery of appropriate highway improvements, in the interests of highway safety and capacity.

34. Unless the same (or substantially similar) has already been submitted to and approved in conjunction with any of the applications considered under the following reference numbers R/2020/0819ESM, R/2020/0820/ESM, R/2020/0822/ESM, R/2020/0823/ESM or committed through any other means no development shall be allowed pursuant to this permission until a scheme, including an appropriate delivery mechanism, to allow for a proportionate contribution towards the delivery of improvements to the Cargo Fleet Lane / Longlands Road highway scheme has been submitted to the Local Planning Authority for its written approval. The scheme shall be implemented in full accordance with the approved detail.

REASON: In order to ensure the delivery of appropriate highway improvements, in the interests of highway safety and capacity.

35. Unless the same (or substantially similar) has already been submitted to and approved in conjunction with any of the applications considered under the following reference numbers R/2020/0819ESM, R/2020/0820/ESM, R/2020/0822/ESM, R/2020/0823/ESM or committed through any other means no development shall be allowed pursuant to this permission until a scheme, including an appropriate delivery mechanism, to secure a proportionate contribution towards a Mobility Corridor Study for the Cargo Fleet Lane corridor has been submitted to the Local Planning Authority for its written approval. The scheme shall be implemented in full accordance with the approved detail.

REASON: In order to ensure the delivery of appropriate highway improvements, in the interests of highway safety and capacity.

36. Unless the same (or substantially similar) has already been submitted to and approved in conjunction with any of the applications considered under the following reference numbers R/2020/0819ESM, R/2020/0820/ESM, R/2020/0822/ESM, R/2020/0823/ESM or committed through any other means no development shall be allowed pursuant to this permission until a scheme, including an appropriate delivery mechanism, to secure a proportionate contribution towards the signalisation of the A66 westbound off-slip at the Newport Interchange has been submitted to the Local Planning Authority for

its written approval. The scheme shall be implemented in full accordance with the approved detail.

REASON: In order to ensure the delivery of appropriate highway improvements, in the interests of highway safety and capacity.

37. Two years after first occupation of the approved buildings, an assessment of the traffic movements through the A1085 Trunk Road/Kirkleatham Lane and A1085 Trunk Road/West Coatham Lane (Steel House Roundabout) shall be carried out and submitted to the Council. The scope of the assessment shall be submitted to and approved in advance by the Local Planning Authority. The Assessment shall consider the likely effects that the development has had on the operation of the junction.
- a) The assessment shall consider if, after considering the effect of the development on the junction, the operation of the junction has been unacceptably and demonstrably impacted upon as a direct result of the development.
 - b) If considered necessary after carrying out the assessment (part a) an updated Travel Plan shall be prepared and submitted to the Local Planning Authority for consideration and subsequent approval in writing.
 - c) The Travel Plan (part b) shall include measures to improve access to sustainable Transport measures and introduce targets to reduce the number of vehicular movements attributable to the development. The Travel Plan shall include appropriate measures to monitor the success of the measures for 12 months.
 - d) Following the expiry of the monitoring period set out in part c, the results shall be submitted to the Local Planning Authority. The submitted report shall consider the success of the Travel Plan measures and consider if any improvements to the A1085 Trunk Road/Kirkleatham Lane and A1085 Trunk Road/West Coatham Lane (Steel House Roundabout) are considered necessary.
 - e) In the event that improvements are considered necessary, the report (submitted under part d) shall consider potential improvements to the junction, before concluding if they are feasible and necessary.
 - f) If any improvements are considered necessary and feasible (part e), a scheme shall be submitted (including timetable and an appropriate delivery mechanism) to the Local Planning Authority for consideration and subsequent written approval.
 - g) If improvements are required (under part f) they shall be carried out as approved and in accordance with the approved timetable.

REASON: To inform the design of any necessary highway improvements.

Informative Note: Future construction contractors and occupiers of the site are advised that contact should, where feasible, be made with Redcar and Cleveland Borough Council to explore the opportunities of employment and training programmes in the local area.



Signed:

Andrew Carter
Assistant Director Economic Growth

Date: **2 March 2022**

YOUR ATTENTION IS DRAWN TO INFORMATIVE NOTES BELOW:

INFORMATIVE NOTE:

The conditions above should be read carefully and it is your (or any subsequent developers) responsibility to ensure that the terms of all conditions are met in full at the appropriate time (as outlined in the specific condition).

Please note that in order to discharge any conditions, a fee is payable in respect to this.

Failure on the part of the developer to fully meet the terms of any conditions which require the submission of details prior to the commencement of development may result in the development being considered unlawful and may render you liable to formal enforcement action.

Failure on the part of the developer to observe the requirements of any other conditions could result in the Council pursuing formal action in the form of a Breach of Condition notice.

APPROVAL INFORMATIVE:

This permission refers only to that required under the Town and Country Planning Acts and does not include any consent or approval under any other enactment, byelaw, order or regulation.

Consent under the current Building Regulations may also be required for the development before work can commence.

CATS Pipeline

In addition to the statutory consultees, applicants should also consider what other stakeholders should be consulted. For example, in the case of any development taking place that may affect High Pressure Gas Pipelines, operated by CATS North Sea Limited on behalf of the owners of the pipeline, please consult with CATS North Sea Limited at CATSPipeline@woodplc.com 01642 546404 CATS Terminal, Seal Sands Road, Seal Sands, Teesside TS2 1UB.

County of Cleveland Act, 1987 – Facilities for Fire Fighting

Section 5 of this Act requires that, where building regulation plans for the erection or extension of a building are deposited with the Council, the Council must reject the plans if it is not satisfied:

- That there will be adequate means of access for the Fire Brigade
- That the building or extension will not make means of access for the Fire Brigade to any neighbouring building inadequate
- If the building could be used for commercial or industrial purposes, that there is provision for installation of fire hydrants or other provision for an adequate supply of water for fire fighting purposes

Appeals to the Secretary of State

If you are aggrieved by the decision of your local planning authority to refuse permission for the proposed development or to grant it subject to conditions, then you can appeal to the Secretary of State under Section 78 of the Town and Country Planning Act 1990.

If you want to appeal, then you must do so within **six months** of the date of this notice (8 weeks in the case of any advertisement) using a form which you can get from the Secretary of State at **Temple Quay House, 2 The Square, Temple Quay, Bristol BS1 6PN, (Tel: 0303 444 5000)** or online at <https://www.gov.uk/planning-inspectorate>. The Secretary of State can allow a longer period for giving notice of an appeal, but he will not normally be prepared to use this power unless there are special circumstances, which excuse the delay in giving notice of appeal.

The Secretary of State need not consider an appeal if it seems to him that the local planning authority could not have granted planning permission for the proposed development or could not have it granted without the conditions it imposed, having regard to the statutory requirements, to the provisions of any development order and to any directions given under a development order. In practice, the Planning Inspectorate does not refuse to consider appeals solely because the local planning authority based its decision on a direction given by him.

Purchase Notices

If either the Local Planning Authority or the Secretary of State refuses permission to develop land or grants it subject to conditions, the owner may claim that he can neither put the land to a reasonably beneficial use in its existing state nor can he render the land capable of a reasonably beneficial use by the carrying out of any development which has been or would be permitted.

In the circumstances, the owner may serve a purchase notice on the Council (District Council, London Borough Council or Common Council of the City of London) in whose area the land is situated. This notice will require the Council to purchase his interest in the land in accordance with the provisions of part VI of the Town and Country Planning Act 1990.

Compensation

In certain circumstances compensation may be claimed from the local planning authority if permission is refused or granted subject to conditions by the Planning Inspectorate on appeal or on reference of the application to them. These circumstances are set out in Sections 114 and related provisions of the Town and Country Planning Act 1990.

The Highways Act 1980 (Sections 131, 133 and 171)

Prior to commencing work on any development which entails interference with an adopted Highway a developer/contractor is required to obtain the consent of the Engineering (Highways Team). Such consent will not unreasonably be withheld but will be conditional upon obtaining a "Road Opening And Reinstatement" Consent and signing an "Undertaking To Pay For Works".

The Building Act 1984 (Section 80)

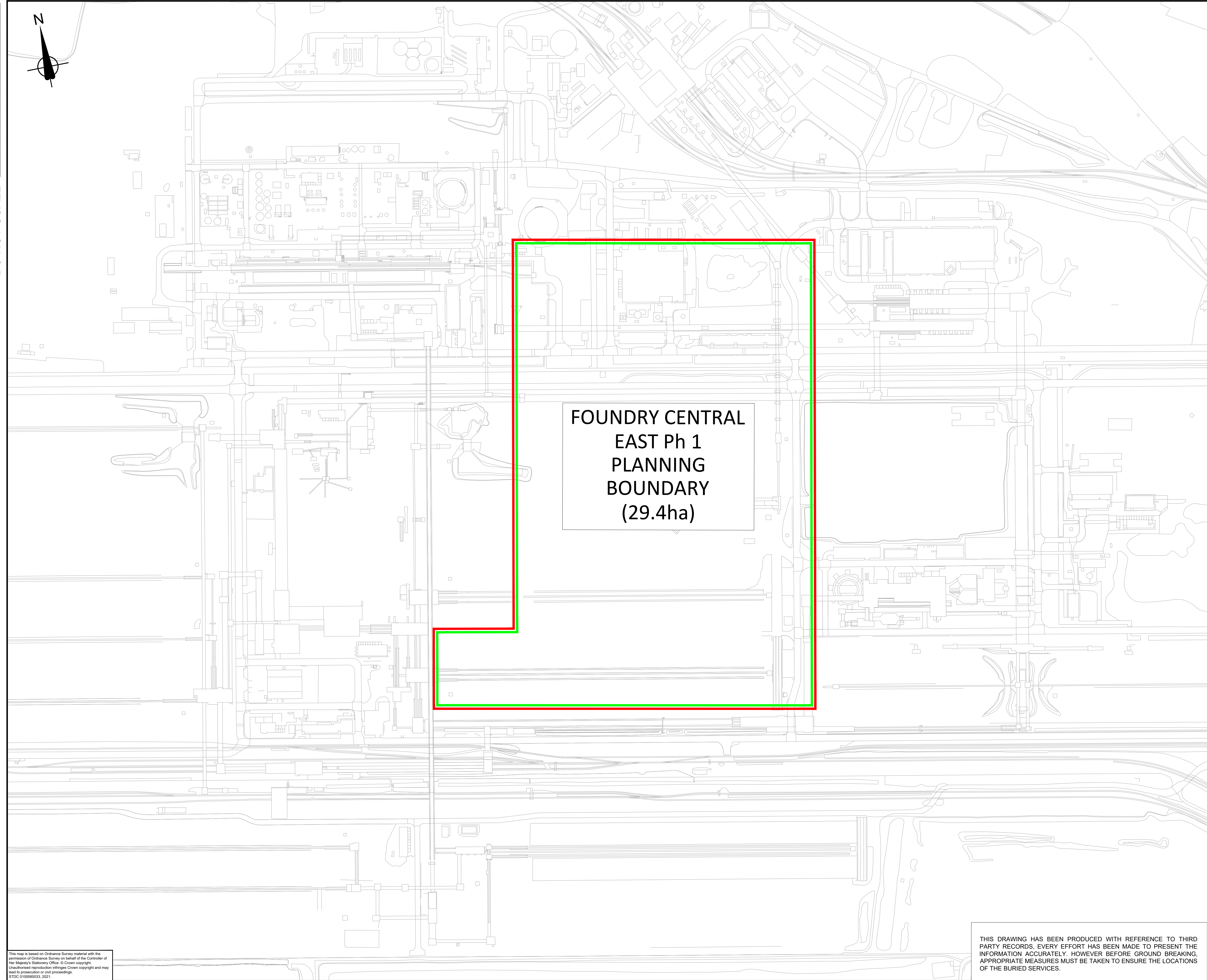
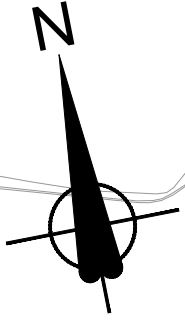
Prior to commencing work on any development which entails the demolition of part, or all of a building a developer or contractor is required to obtain the consent of the Engineering Team. Consent will be conditional on the Local Authority receiving the appropriate forms. Forms can be obtained direct from the Engineering Team.

DO NOT SCALE

Millimetres

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100



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THIS DRAWING HAS BEEN PRODUCED WITH REFERENCE TO THIRD PARTY RECORDS, EVERY EFFORT HAS BEEN MADE TO PRESENT THE INFORMATION ACCURATELY. HOWEVER BEFORE GROUND BREAKING, APPROPRIATE MEASURES MUST BE TAKEN TO ENSURE THE LOCATIONS OF THE BURIED SERVICES.

NOTES

1. Do not scale from this drawing.

KEY

- FOUNDRY CENTRAL EAST LEASE BOUNDARY
- FOUNDRY CENTRAL EAST PLANNING (REMEDIATION) BOUNDARY (5m BUFFER)

INFORMATION

A	100000000	PHASE 1 CUT FILL BOUNDARY	KW	JM	JMC
Rev.	Date	Description	By	Chk'd	App'd

STDC
Teesside Management Offices,
Redcar, TS10 5QW
www.southteesdc.com



Project Title:
TEESWORKS
The UK's largest industrial zone

Drawing Name:
**FOUNDRY CENTRAL EAST
PLANNING BOUNDARY
BOUNDARY PLAN**

Drawn by: KW Date: MAR 2024
Checked by: JM Date: MAR 2024
Approved by: JMC Date: MAR 2024

Drawing Number: TSWK-STDC-FDR-ZZ-DR-C-0026 Revision: A

Drawing Scale: 1:2500 Page Size: A1

Appendix B

Previous Reports

Previous Reports

Arcadis have prepared the following reports for the Site:

- *Phase 1 Contaminated Land Desk Study, Foundry Central East, Teesworks, 10047374-AUK-XX-XX-RP-ZZ-818-01-FCE_Phase_1*. Preliminary Risk Assessment, prepared by Arcadis and dated May 2024 [Arcadis 2024a].
 - NQMS Declaration Reference is 0424-I9661;
- Contaminated Land Generic Quantitative Risk Assessment, Foundry Central East, Teesworks, 10047374-AUK-XX-XX-RP-ZZ-884-01-FCE_GQRA, prepared by Arcadis and dated May 2024 [Arcadis 2024b].
- Contaminated Land Detailed Quantitative Risk Assessment, Foundry Central East, Teesworks, 10047374-AUK-XX-XX-RP-ZZ-908-01-FCE_DQRA, prepared by Arcadis and dated May 2024 [Arcadis 2024c].

The following reports have been prepared by Arcadis which include parts of the Site:

- *The Former SSSI Steelworks, Redcar: Priority Areas Within SSI Landholdings Contract 1 and 2A Site Condition Report*: Redcar Steelworks-AUK-XX-XX-RP-GE-0001-02-SSI1_SSI2A_GI_SCR, prepared by Arcadis for South Tees Site Company Ltd, dated August 2018 [Arcadis 2018a].
 - Based on factual data within 4153 & 4154 Area A *Former Steelworks Redcar Contract 1 & 2 (Area A) (Final report)*, prepared by Allied Exploration and Geotechnics Limited (AEG) for South Tees Site Company Ltd, dated June 2018 [AEG 2018].
 - Considered superseded by the Arcadis 2024b.
- *The Former SSSI Steelworks, Redcar: Priority Areas Within SSI Landholdings Contract, Contracts 1 and 2 (Area A): Environmental Risk Assessment Report*, Redcar Steelworks-AUK-XX-XX-RP-GE-0001-P1-SSI1_SSI2A_GI_ERA_Final, prepared by Arcadis for South Tees Site Company Ltd, dated June 2018 [Arcadis 2018b].
 - Considered superseded by Arcadis 2024b.
- *The Former SSSI Steelworks, Redcar: Priority Areas Within SSI Landholdings Contract, Contracts 1 and 2A: Geotechnical Risk Assessment Report*, Redcar Steelworks-AUK-XX-XX-RP-GE-0001-P1-SSI1_SSI2A_GI_GRA, prepared by Arcadis for South Tees Site Company Ltd, dated November 2018 [Arcadis 2018c]. No longer considered applicable to the Site, geotechnical risk to be assessed by Tenants.
- *The Former SSSI Steelworks, Redcar: Priority Areas Within SSI Landholdings Contract, Contract 1 and 2A: Ground Remediation Options Appraisal Report*, Redcar Steelworks-AUK-XX-XX-RP-GE-0001-01-SSI1_SSI2A_GI_ROA, prepared by Arcadis for South Tees Site Company Ltd, dated December 2018 [Arcadis 2018d].
- *Foundry Environmental Statement Volume 2: Chapter H Ground Conditions and Remediation*. Prepared by Arcadis for Teesworks, dated December 2020 [Arcadis 2020].

In addition STDC have provided the following reports for or pertinent to the Site:

- *SSI1 Redcar Works – Phase 1 Geo-Environmental Desk Study*, prepared by CH2M for Homes and Communities Agency, dated August 2017 [CH2M 2017b].
- *SSI2 Redcar Works – Phase 1 Geo-Environmental Desk Study*, 678079_SSI2_001 prepared by CH2M, dated August 2017 [CH2M 2017c].
- *Former SSI Steelworks, Redcar – Initial Ground Investigation Works*, Geoenvironmental Summary, prepared by CH2M for South Tees Site Company Ltd, dated May 2018 [CH2M 2018].
- *Soil and Groundwater Baseline Characterisation Study*, Teesside Works, prepared by Enviros for Corus UK Ltd [Enviros 2004], Comprising:
 - Volume 1 – Factual Report, Ref. Rlp250604corusteessidefactual.Doc dated 25th June 2004 and marked Final;
 - Volume 2 – Interpretive Report Ref. Mwicorusdraftinterpretivemmdv#2.Doc dated 25th June 2004 and marked Final; and,
 - Volume 3 – Summary Report dated June 2004

Previous Reports

- *Foundry Central Exploratory Ground Investigation*, prepared by AECOM, dated February 2024 [AECOM, 2024]

Arcadis have prepared the following reports for Foundry Central West:

- Phase 1 Contaminated Land Desk Study, Foundry Central West Plot, Teesworks, 10047374-AUK-XX-XX-DR-ZZ-735-01-FCW_Phase_1. Preliminary Risk Assessment, prepared by Arcadis and dated January 2024 [Arcadis 2024].
 - NQMS Declaration Reference is 1123-H4208;
- Contaminated Land Generic Quantitative Risk Assessment, Foundry Central West Plot, Teesworks, 10047374-AUK-XX-XX-RP-ZZ-772-01-FCW_GQRA, prepared by Arcadis and dated February 2024 [Arcadis 2024].
- Contaminated Land Detailed Quantitative Risk Assessment, Foundry Central West Plot, Teesworks, 10047374-AUK-XX-XX-RP-ZZ-801-01-FCW_DQRA, prepared by Arcadis and dated February 2024 [Arcadis 2024].
- Remediation Options Appraisal, Enabling Earthworks and Remediation Strategy, Foundry Central West, Teesworks, 10047374-AUK-XX-XX-RP-ZZ-748-01-FCW_ROA&S [Arcadis, 2024].
- Hydrogeological Risk Assessment, Foundry Central West, Teesworks, 10047374-AUK-XX-XX-DR-ZZ-815-03-FCW_HRA, prepared by Arcadis and dated April 2025 [Arcadis 2025].

Arcadis has prepared the following reports for Steel House:

- Phase 1 Contaminated Land Desk Study, Steel House Park and Ride, Teesworks. 10035117-AUK-XX-XX-RP-GE-705-1-SH Phase 1, dated November 2023 [Arcadis 2023]
- Ground Investigation, Steel House Mounds, Teesworks, 10047374-AUK-XX-XX-RP-ZZ-0524-02-Steel House East Mounds GI [Arcadis 2022]
- 10047374-AUK-XX-XX-CO-ZZ-707-1- SHO Additional Trial Pits Jan 2023 Memo [Arcadis 2023a]
- 10047374-AUK-XX-XX-CO-ZZ-706-01-SHO Pre GI Trial Pits – Phase 1 Eastern Mound Memo [Arcadis 2023b]
- Contaminated Land Generic Quantitative Risk Assessment (Interim Report), Steel House Park & Ride, Teesworks, 10035117-AUK-XX-XX-RP-ZZ-756-01-Steel House Park & Ride Contaminated Land GQRA (Interim Report) [Arcadis 2023c]

Appendix C

Study Limitations

IMPORTANT. This appendix should be read before reliance is placed on any of the information, opinions, advice, recommendations or conclusions contained in this report.

1 This report has been prepared by Arcadis Consulting (UK) Ltd ('Arcadis'), with all reasonable skill, care and diligence within the terms of the Appointment and with the resources and manpower agreed with South Tees Development Corporation (UK) Limited (the 'Client'). Arcadis does not accept responsibility for any matters outside the agreed scope.

2 This report has been prepared for the sole benefit of the Client unless agreed otherwise in writing. otherwise in writing. The contents of this report may not be used or relied upon by any person other than this party without the express written consent and authorisation of Arcadis.

3 Unless stated otherwise, no consultations with authorities or funders or other interested third parties have been carried out. Arcadis is unable to give categorical assurance that the findings will be accepted by these third parties as such bodies may have unpublished, more stringent objectives. Further work may be required by these parties.

4 All work carried out in preparing this report has used, and is based on, Arcadis' professional knowledge and understanding of current relevant legislation. Changes in legislation or regulatory guidance may cause the opinion or advice contained in this report to become inappropriate or incorrect. In giving opinions and advice, pending changes in legislation, of which Arcadis is aware, have been considered. Following delivery of the report, Arcadis has no obligation to advise the Client or any other party of such changes or their repercussions.

5 This report is only valid when used in its entirety. Any information or advice included in the report should not be relied upon until considered in the context of the whole report.

6 Whilst this report and the opinions made are correct to the best of Arcadis' belief, Arcadis cannot guarantee the accuracy or completeness of any information provided by third parties. provided by third parties. Arcadis has taken reasonable steps to ensure that the information sources used for this assessment provided accurate information, and has therefore assumed this to be the case.

7 This report has been prepared based on the information reasonably available during the project programme. All information relevant to the scope may not have been received.

8 This report refers, within the limitations stated, to the condition of the site at the time of the inspection. No warranty is given as to the possibility of changes in the condition of the site since the time of the investigation.

9 The content of this report represents the professional opinion of experienced environmental consultants. Arcadis does not provide specialist legal or other professional advice. The advice of other professionals may be required.

10 Where intrusive investigation techniques have been employed they have been designed to provide a reasonable level of assurance on the conditions. Given the discrete nature of sampling, no investigation technique is capable of identifying all conditions present in all areas. In some cases the investigation is further limited by site operations, underground obstructions and above ground structures. Unless otherwise stated, areas beyond the boundary of the site have not been investigated.

11 If below ground intrusive investigations have been conducted as part of the scope, safe location of exploratory holes has been carried out with reference to the Arcadis ground disturbances procedure. No guarantee can be given that all services have been identified. Additional services, structures or other below ground obstructions, not indicated on the drawing, may be present on site.

12 Unless otherwise stated the report provides no comment on the nature of building materials, operational integrity of the facility or on any regulatory compliance issues.

13 Unless otherwise stated, an inspection of the site has not been undertaken and there may be conditions present at the site which have not been identified within the scope of this assessment.

14 Unless otherwise stated, samples from the site (soil, groundwater, building fabric or other samples) have not been obtained.

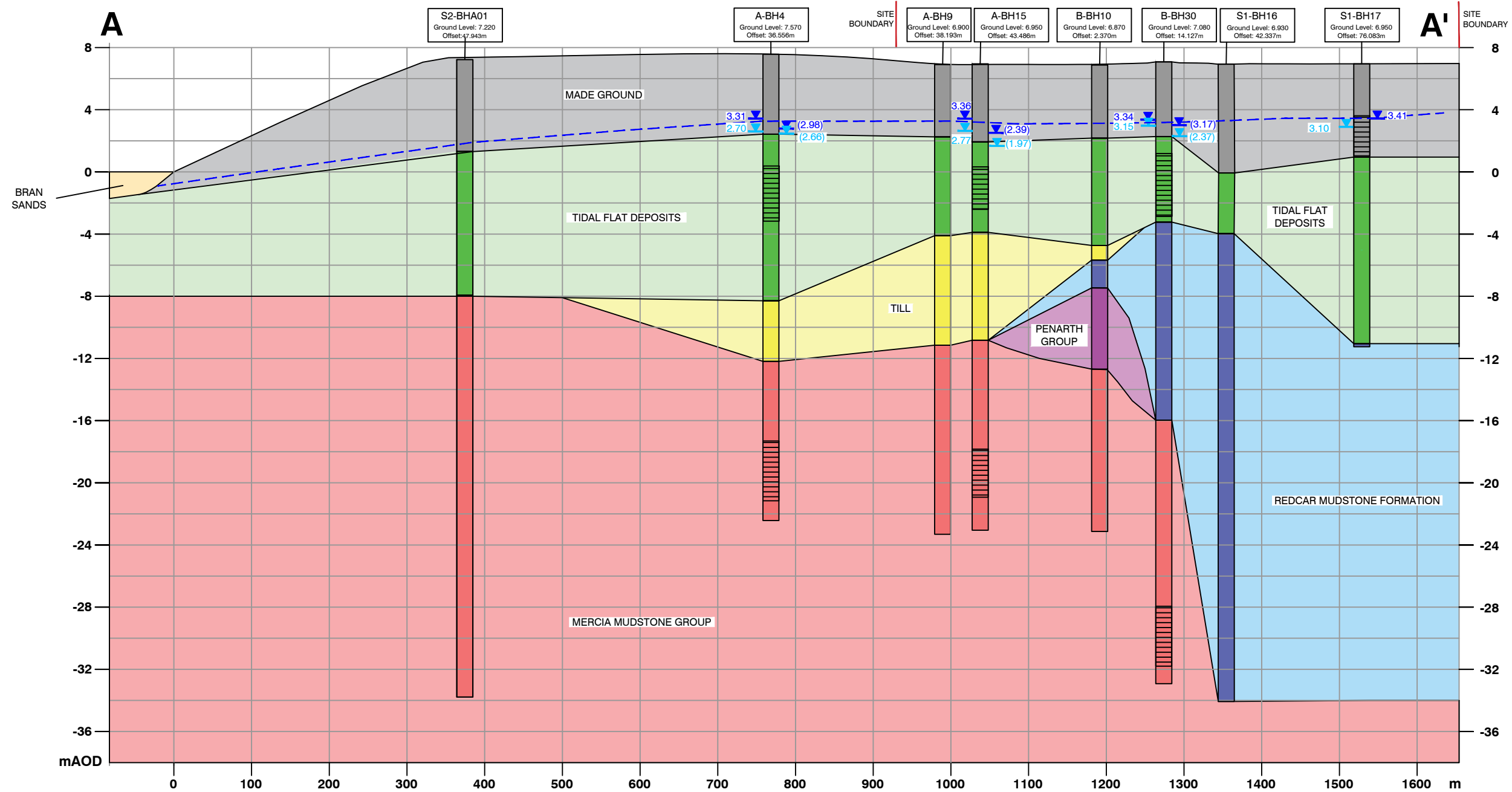
15 Arcadis has relied upon the accuracy of documents, oral information and other material and information provided by the Client and others, and Arcadis assumes no liability for the accuracy of such data, although in the event of apparent conflicts in information, Arcadis would highlight this and seek to resolve.

16 Unless otherwise stated, the scope of works has not included an environmental compliance review, health and safety compliance review, hazardous building materials assessment, interviews or contacting Local Authority, requests for information to the petroleum officer, sampling or analyses of soil, ground water, surface water, air or hazardous building materials or a chain of title review.

17 Unless otherwise stated, this assessment has considered the ongoing use of the site and has not been prepared for the purposes of redevelopment which may act as a trigger for site investigation and remediation works not needed for ongoing use

Appendix D

Cross Sections

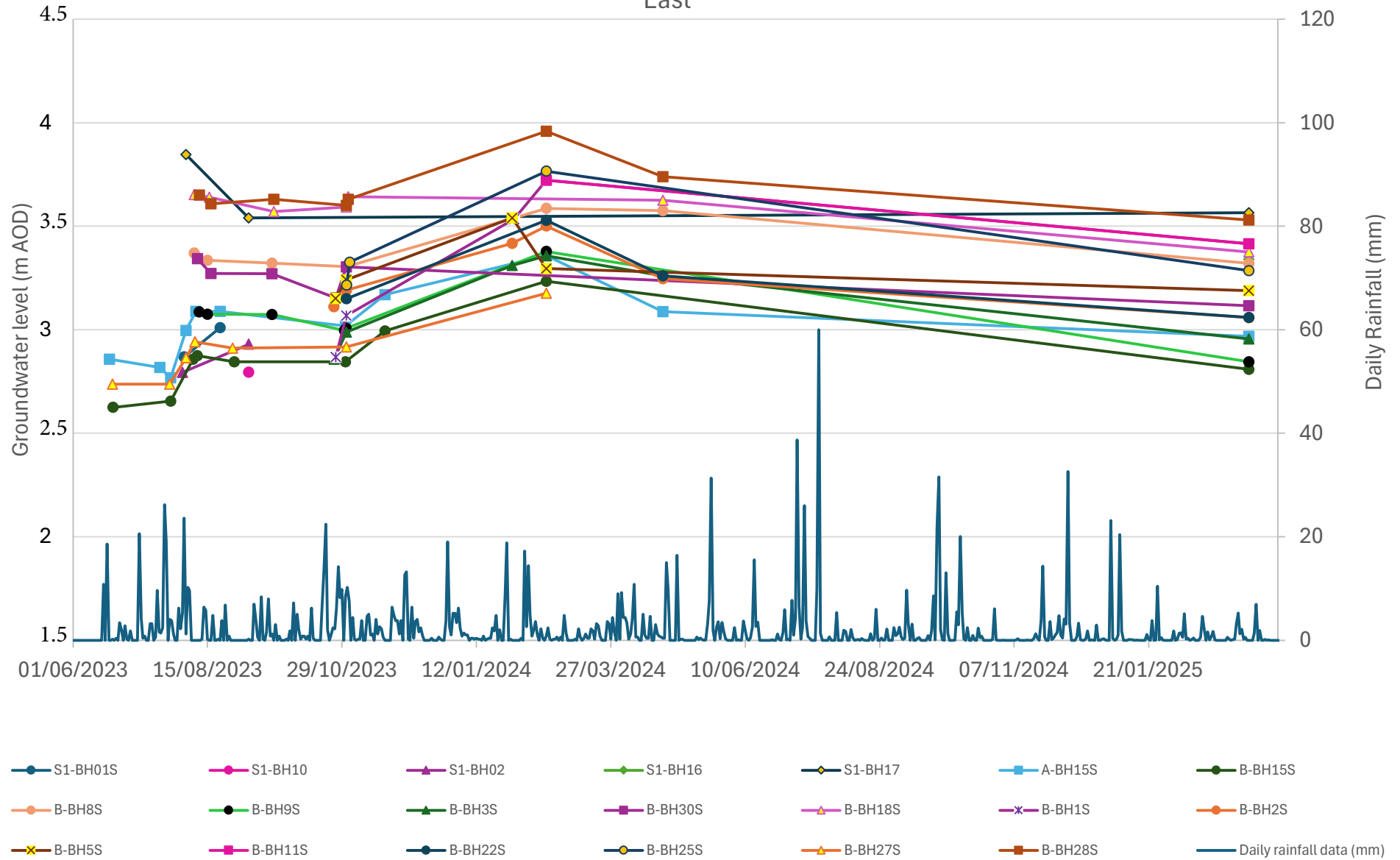


MADE GROUND TIDAL FLAT DEPOSITS TILL REDCAR MUDSTONE FORMATION PENARTH GROUP MERCIA MUDSTONE GROUP GROUNDWATER LEVEL - MAXIMUM GROUNDWATER LEVEL - MINIMUM INFERRED GROUNDWATER TABLE FOR THE MADE GROUND AND TIDAL FLAT DEPOSITS BASED ON MAXIMUM GROUNDWATER LEVEL READINGS SHALLOW WELL GROUNDWATER ELEVATION DEEP WELL GROUNDWATER ELEVATION WELL SCREEN				TITLE: GENERALISED PRE-CONSTRUCTION CROSS SECTION SITE: REDCAR CLIENT: SOUTH TEES DEVELOPMENT CORPORATION PROJECT: 10047374 APPENDIX D DATE: 14/02/25 DRAWN: AP REV: - DRG.No.: XXXXXXXX-AUK-XX-XX-DR-XX-0000-XX PRINT: A3	
REV DATE COMMENT CAD NOTES					
				VERTICAL EXAGGERATION IS x20 	

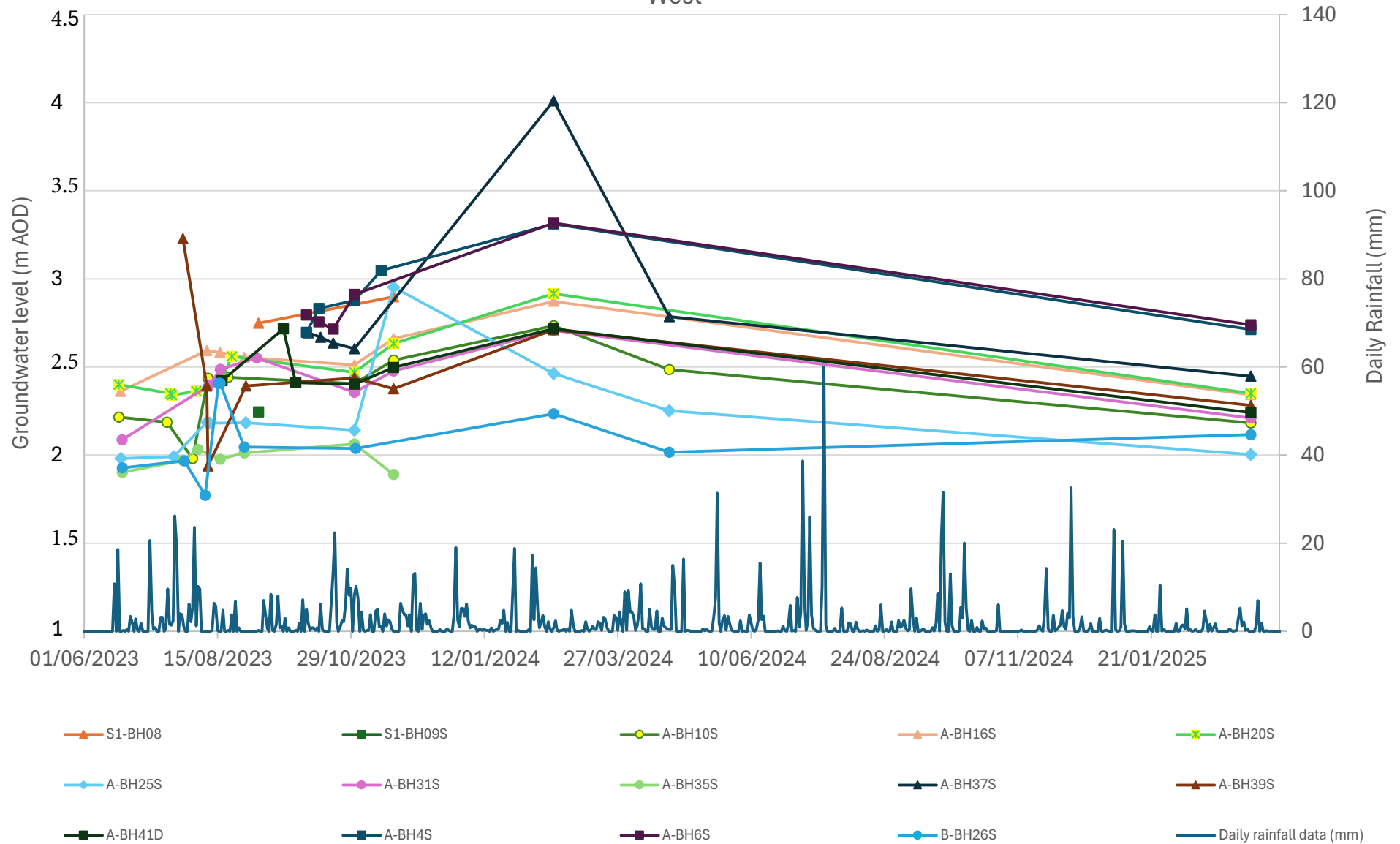
Appendix E

Tidal Influence data and Hydrographs

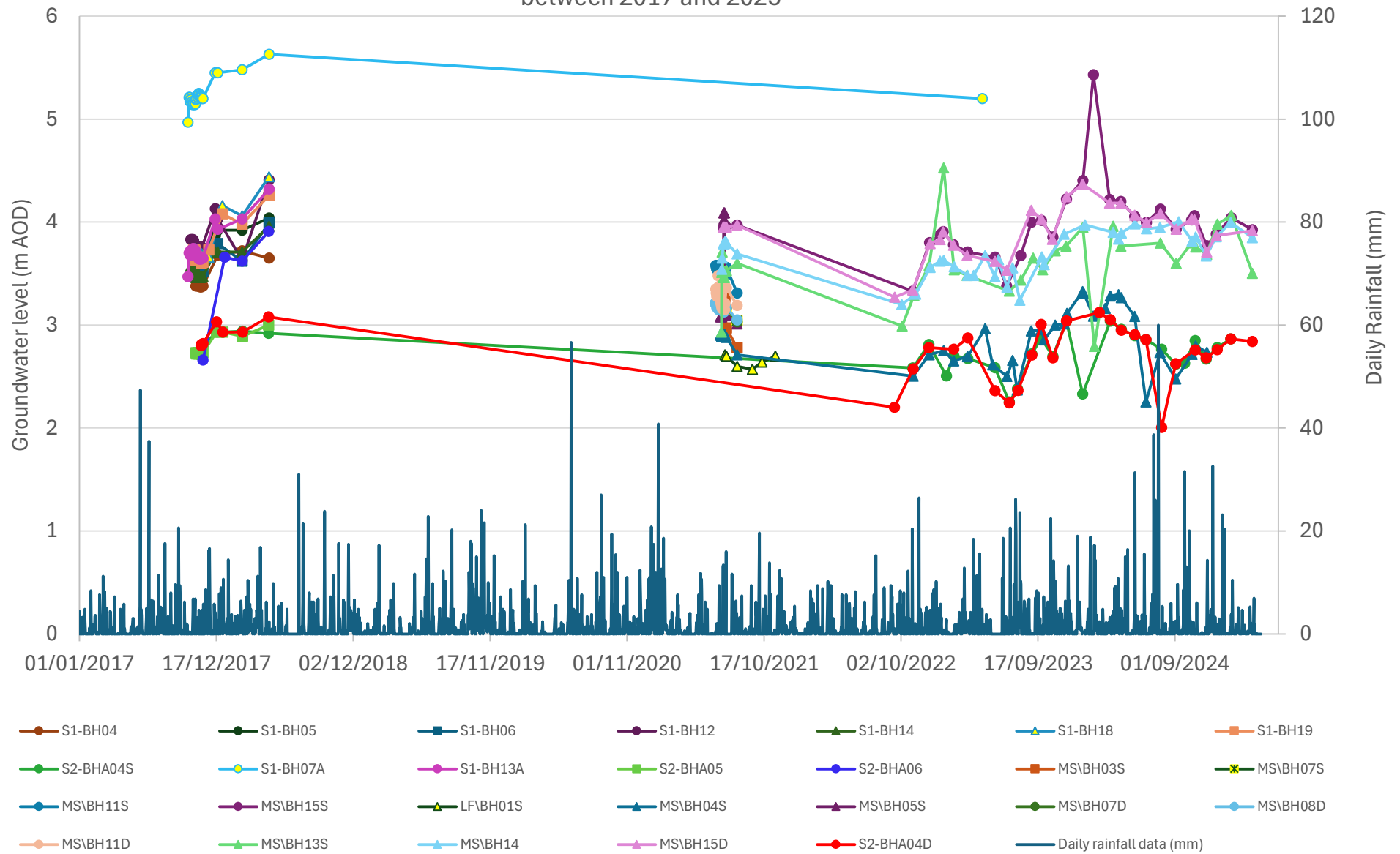
Hydrograph showing groundwater levels in the Made Ground and Tidal Flat Deposits at Foundry Central East



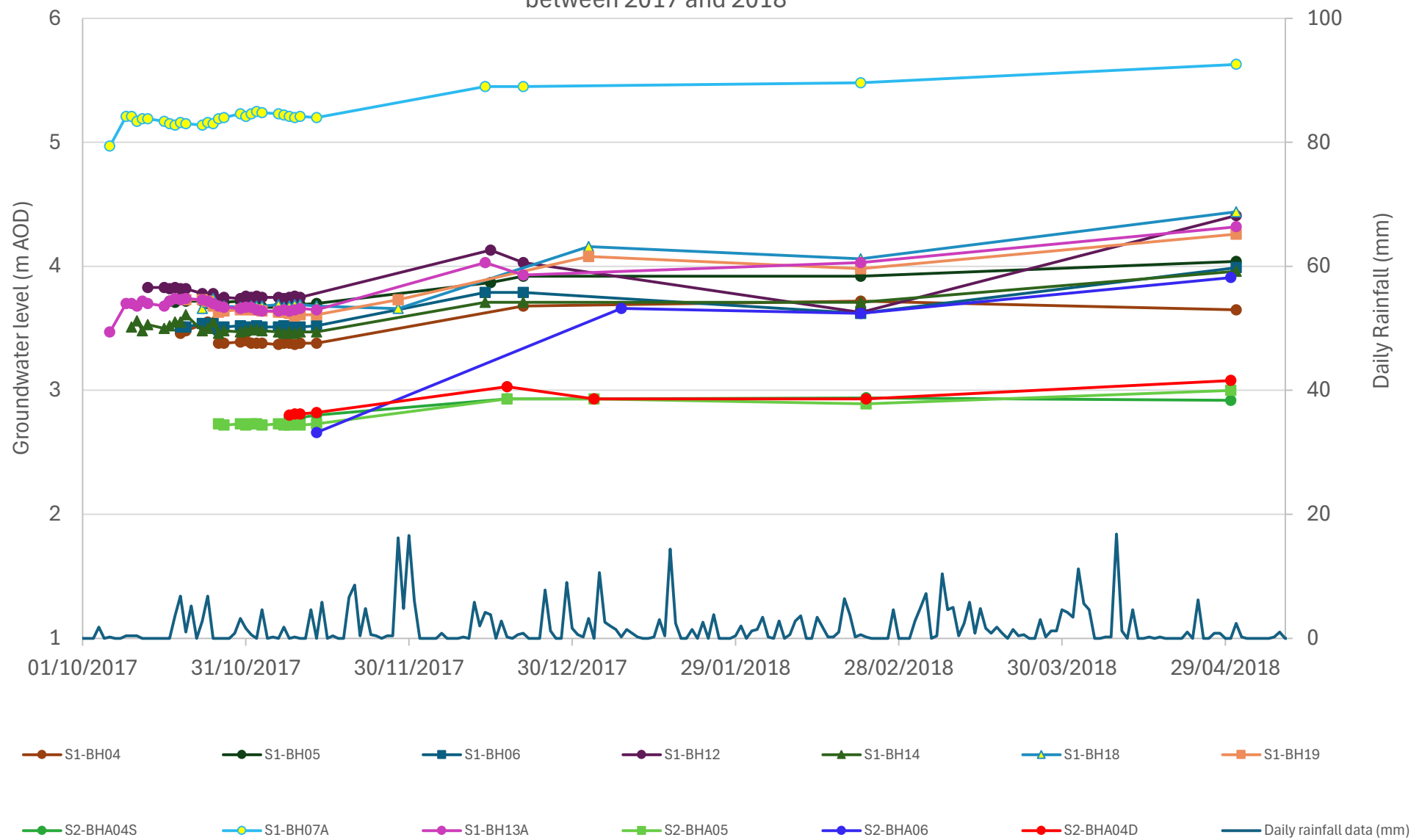
Hydrograph showing groundwater levels in the Made Ground and Tidal Flat Deposits at Foundry Central West



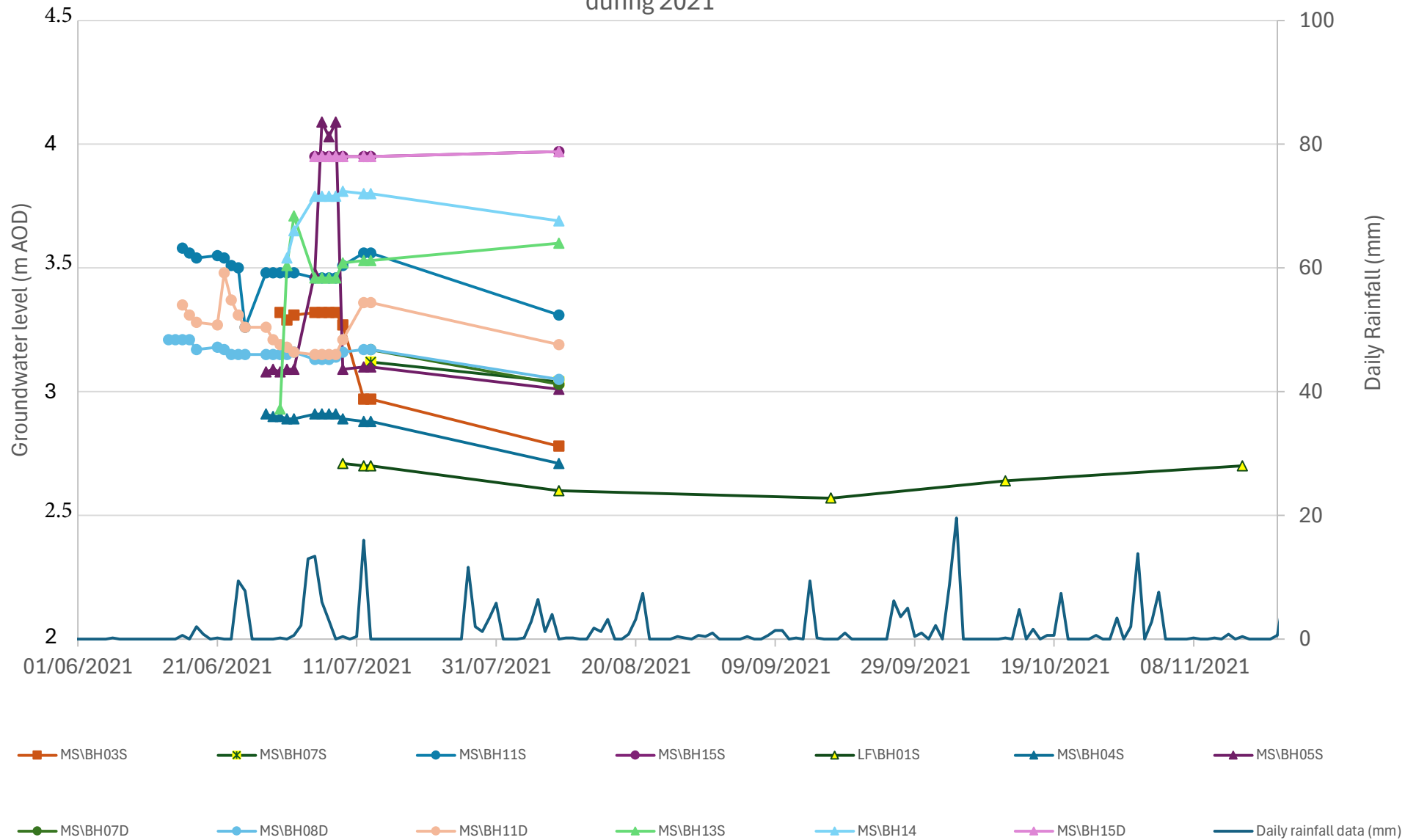
Hydrograph showing groundwater levels in the Made Ground and Tidal Flat Deposits at NZT (LWoW)
between 2017 and 2025



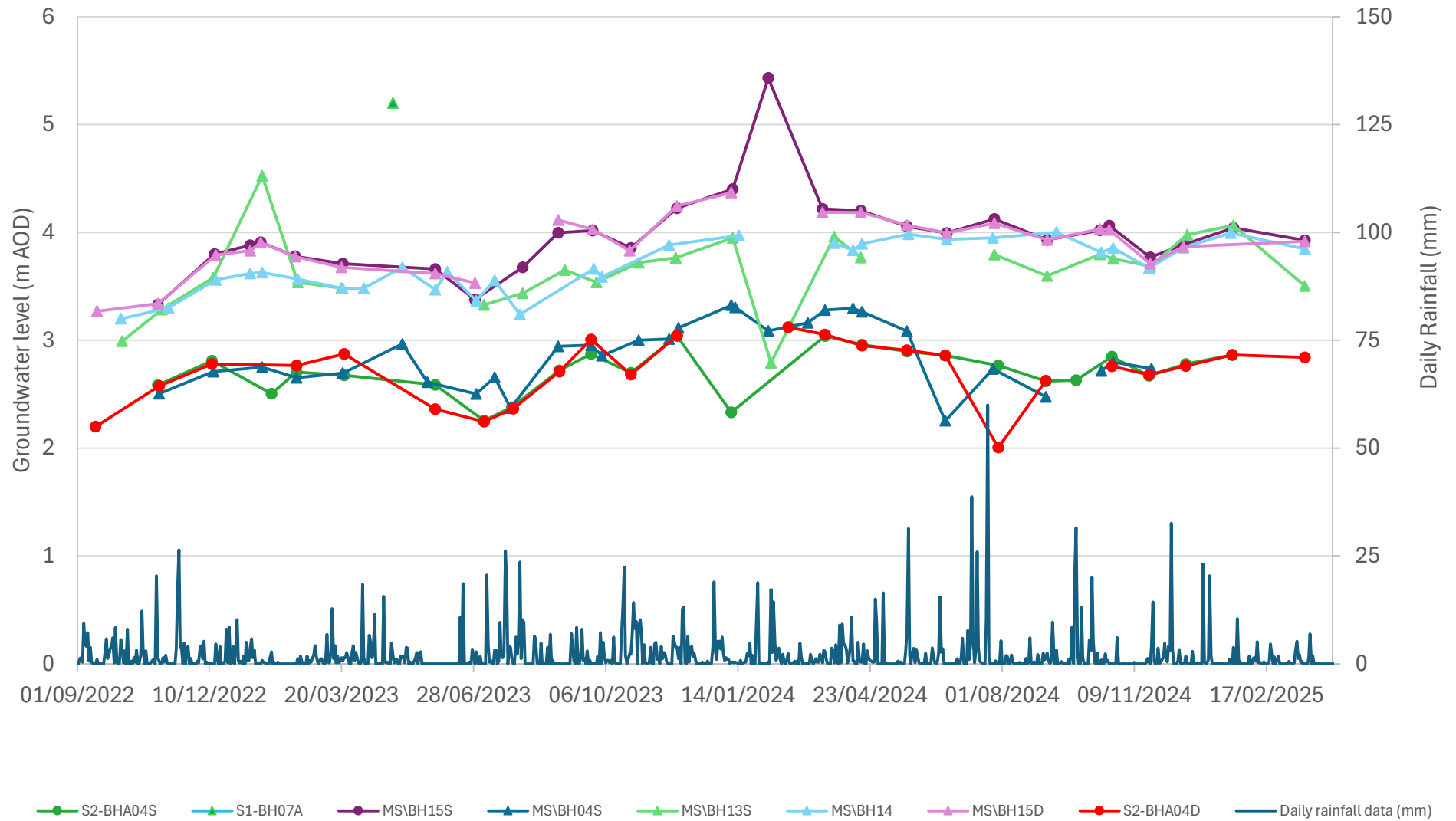
Hydrograph showing groundwater levels in the Made Ground and Tidal Flat Deposits at NZT (LWoW)
between 2017 and 2018

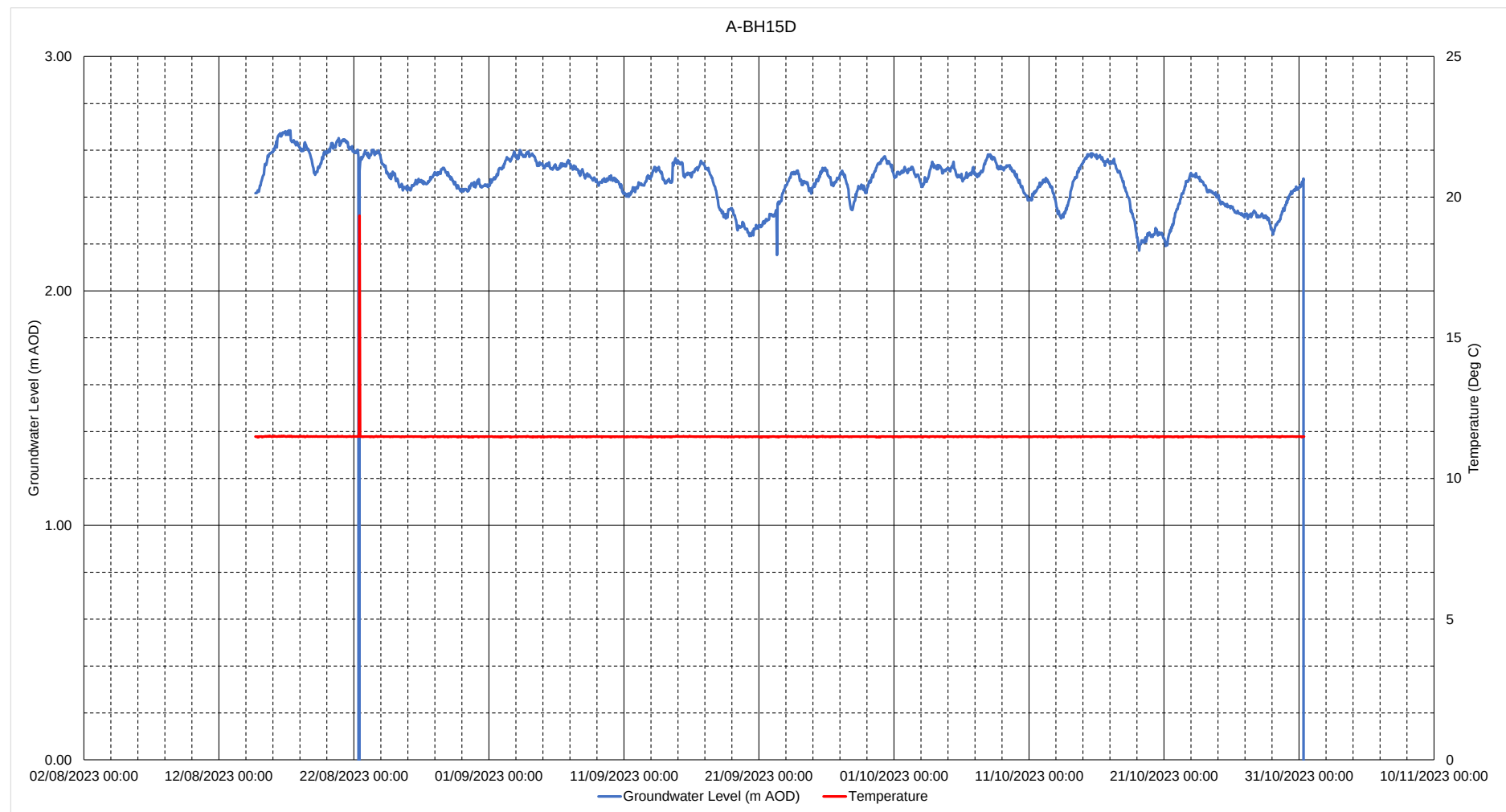


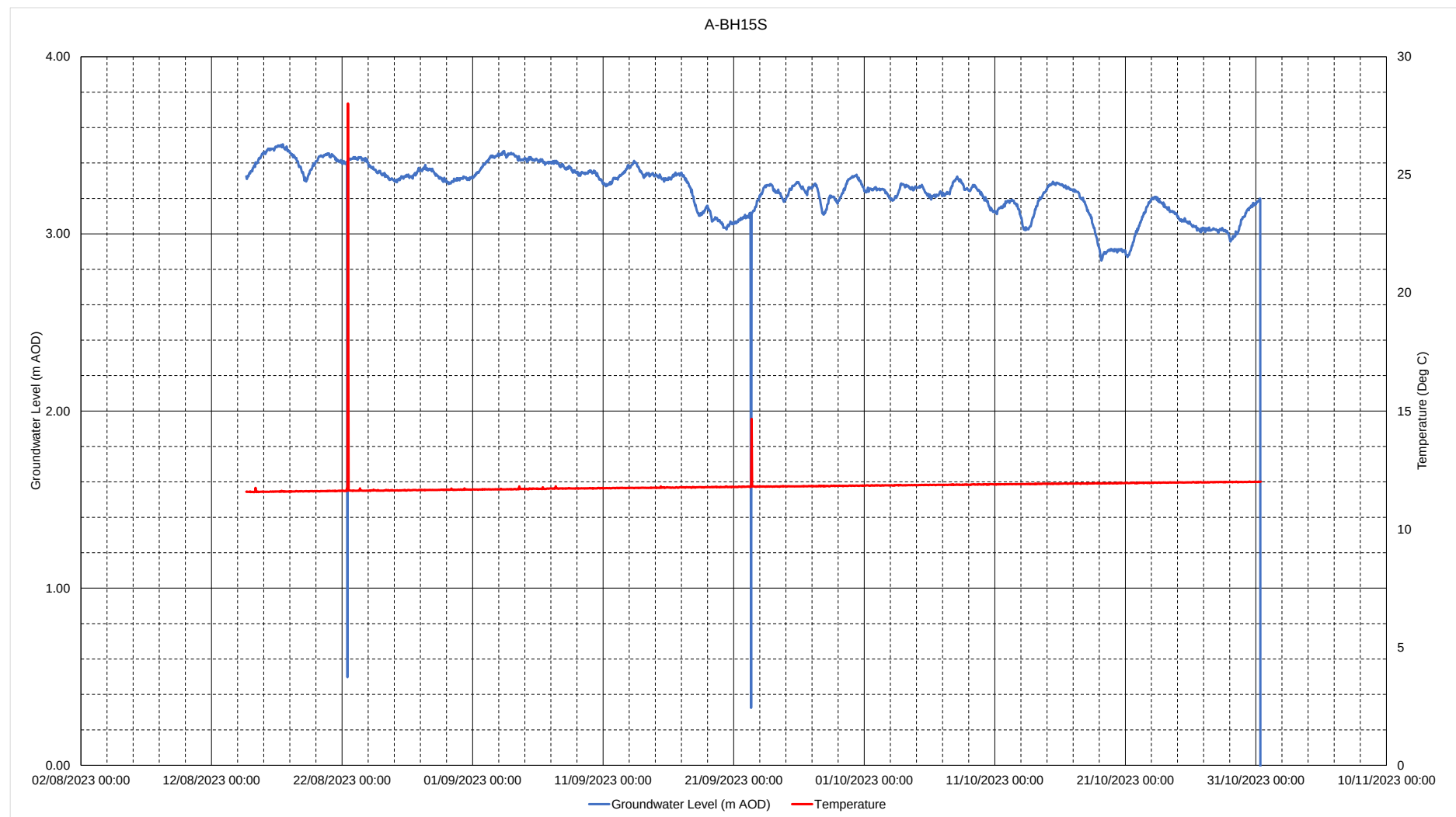
Hydrograph showing groundwater levels in the Made Ground and Tidal Flat Deposits at NZT (LWoW) during 2021

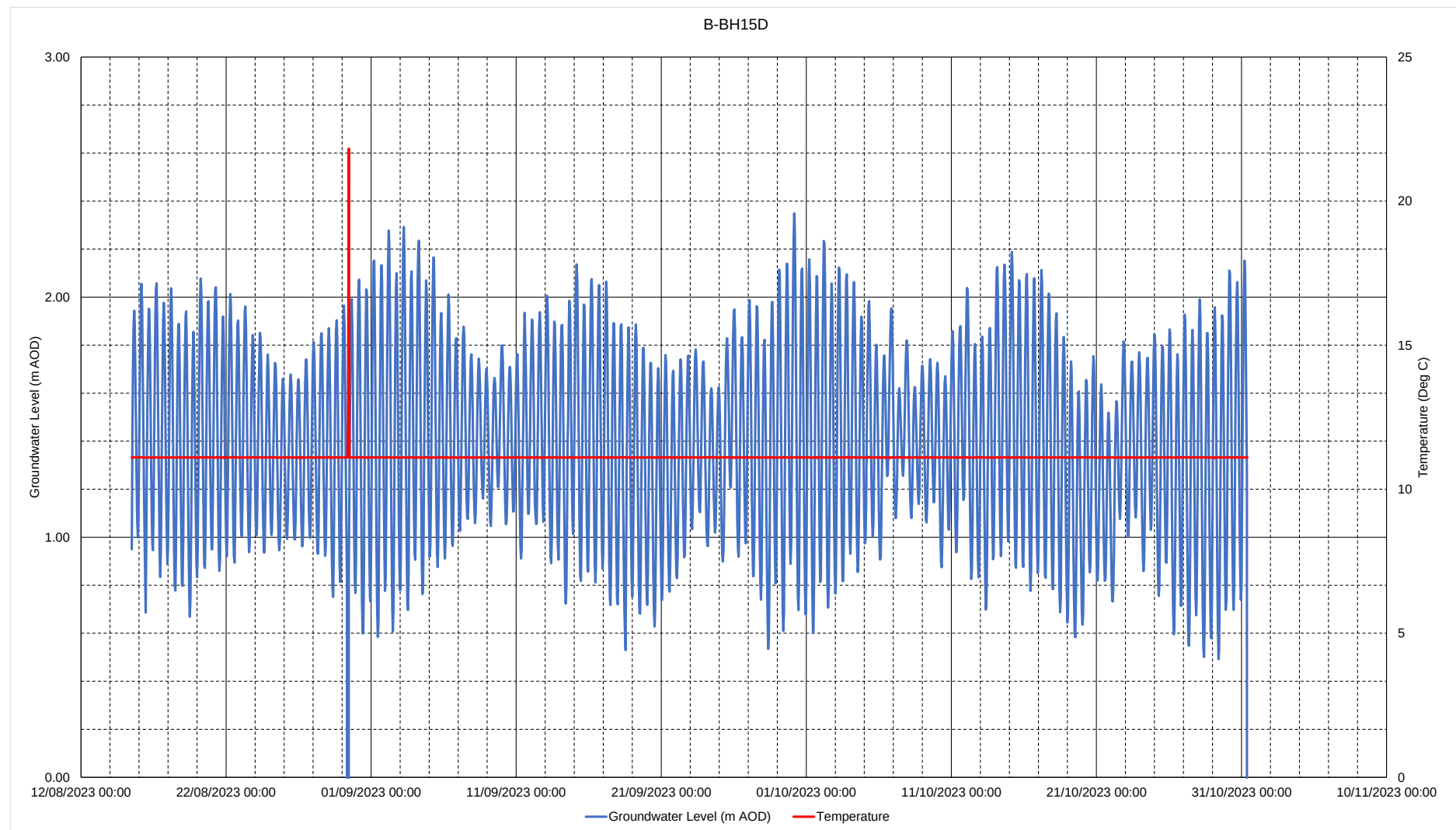


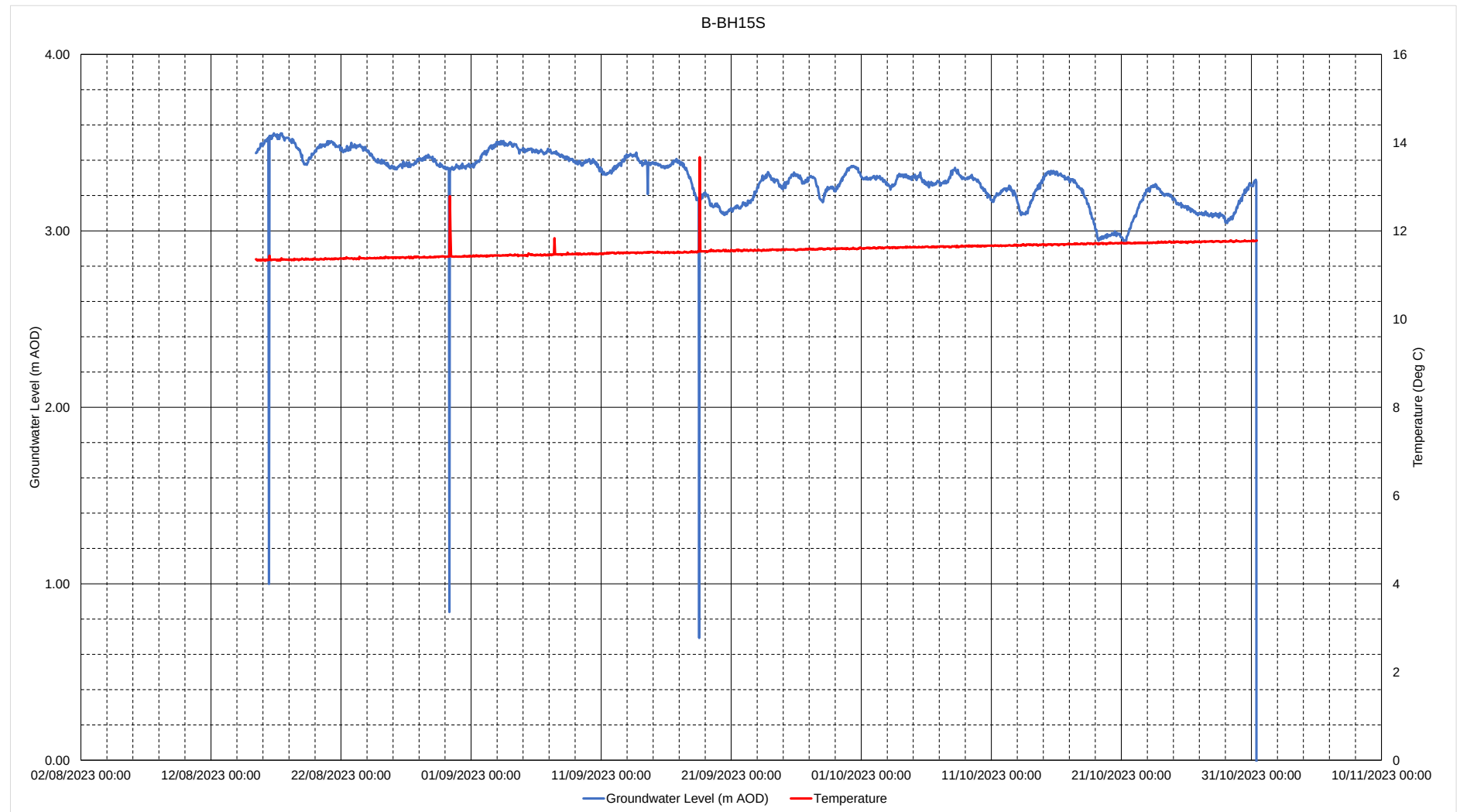
Hydrograph showing groundwater levels in the Made Ground and Tidal Flat Deposits at NZT (LWoW)
between 2022 and 2025











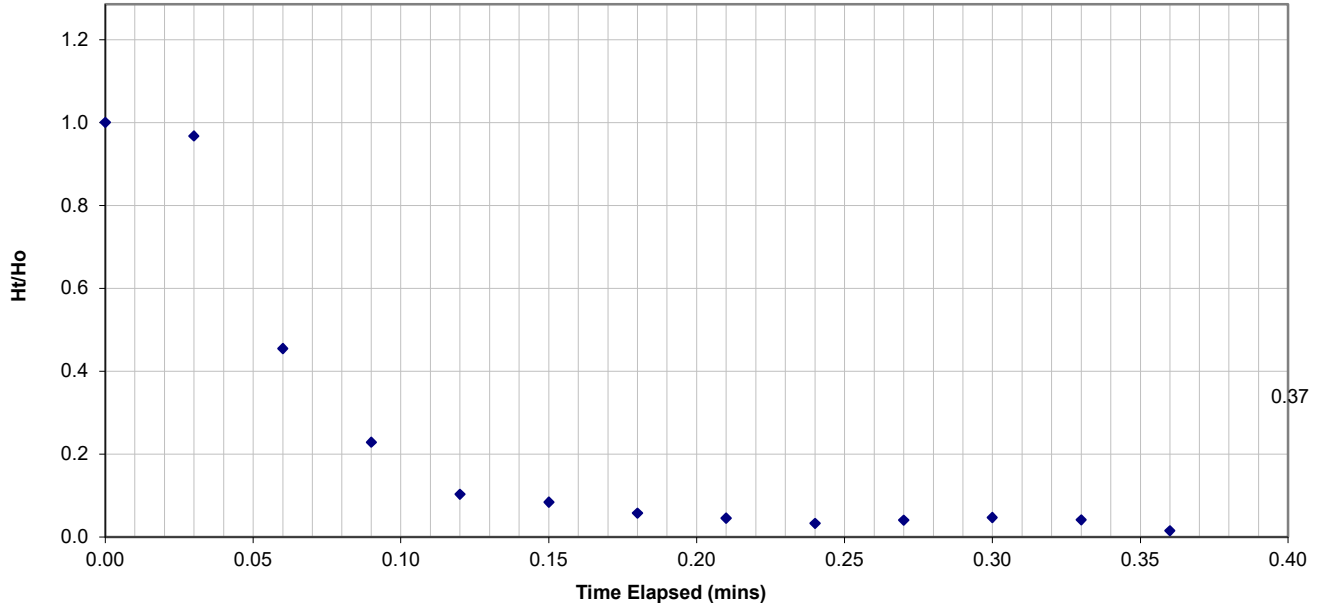
Appendix F

Aquifer Permeability Tests

VARIABLE HEAD PERMEABILITY TEST RECORD



Client: AECOM
Site: FOUNDRY CENTRAL
Job No: D30068
Borehole No: B-BH8 (Shallow)
Depth (m): 5.5 to 10.5
Test No.: 1

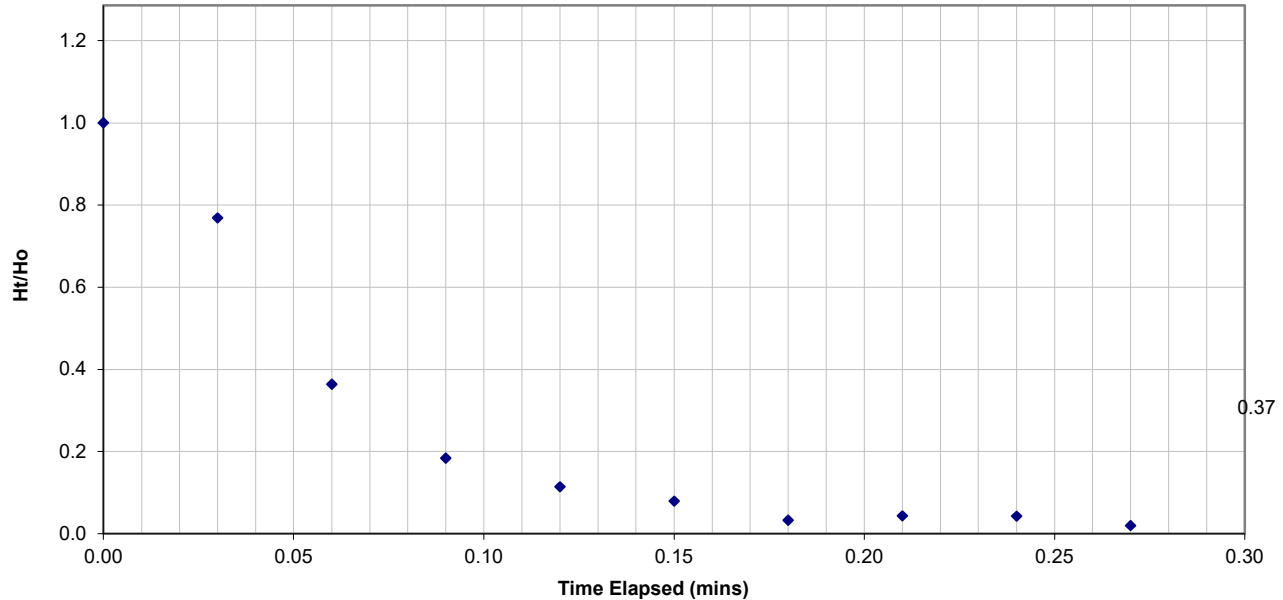


Time Elapsed (hh:mm:ss)	Depth of water below Datum (m)	Ht	Ht/Ho	Test Details (All water depths were measured below Datum)			
00:00:00	2.79	0.36	1.00	Test Type	Falling head in	Standpipe	
00:00:01	2.80	0.35	0.97	Depth of Test Section	Response Zone Top:	5.50	mbgl
00:00:03	2.99	0.16	0.45		Response Zone Base:	10.50	mbgl
00:00:05	3.07	0.08	0.23	Datum (GL. downwards +ve, upwards -ve) m			
00:00:07	3.11	0.04	0.10	Depth to Standing water level		3.15	mbdl
00:00:09	3.12	0.03	0.08	Depth to Water	Start of Test	2.79	mbdl
00:00:10	3.13	0.02	0.06		End of Test	3.14	mbdl
00:00:12	3.13	0.02	0.05	Diameter of Standpipe		35	mm
00:00:14	3.14	0.01	0.03	Response Zone Length	(L) =	5.00	m
00:00:16	3.14	0.01	0.04	Borehole Diameter in Test Section	(D) =	194	mm
00:00:18	3.13	0.02	0.05	Cross Sectional Area of Standpipe	(A) =	0.00096	m ²
00:00:19	3.14	0.01	0.04	Intake Factor (BS5930:1999+A2, page 50, Figure 6d)	(F) =	7.968	
00:00:21	3.14	0.01	0.02	General Approach	(H1)= 0.36	(t1) = 0	Sec
					(H2) = 0.01	(t2) = 21.6	Sec
<u>Coefficient of Permeability using</u>							
2.35 $k = \frac{A}{F(t_2 - t_1)} \log_e \frac{H_1}{H_2} =$ 2.35 $\times 10^{-5}$ m/s							
<u>Remarks</u>							

VARIABLE HEAD PERMEABILITY TEST RECORD



Client: AECOM
Site: FOUNDRY CENTRAL
Job No: D30068
Borehole No: B-BH8 (Shallow)
Depth (m): 5.5 to 10.5
Test No.: 2

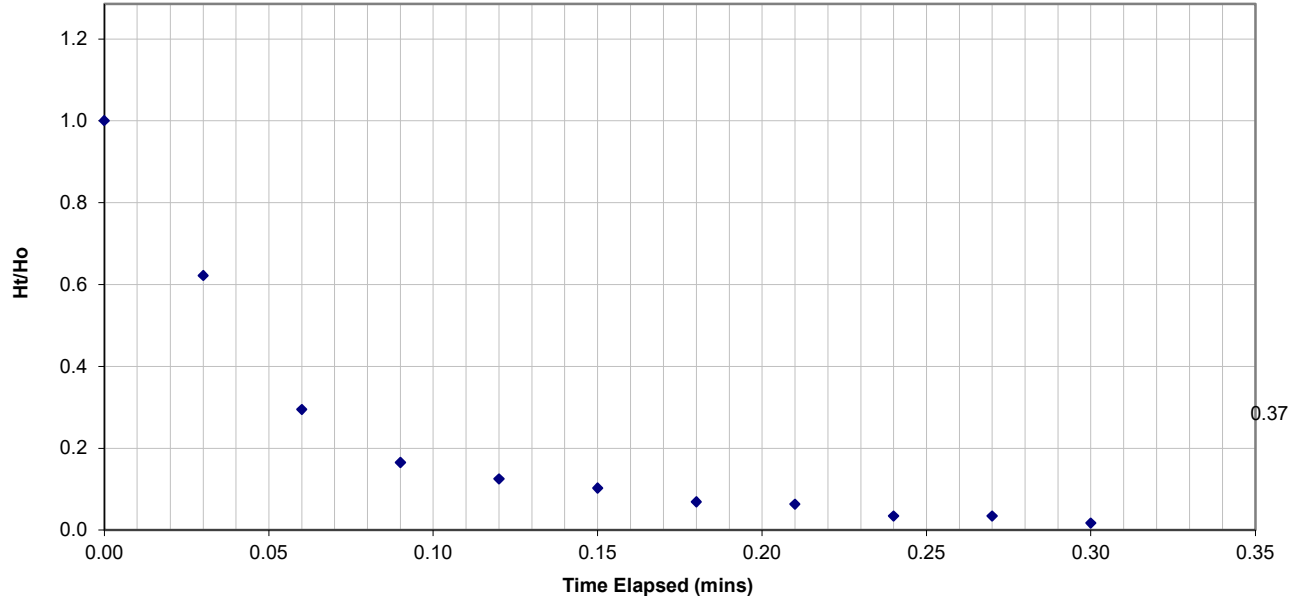


Time Elapsed (hh:mm:ss)	Depth of water below Datum (m)	Ht	Ht/Ho	Test Details (All water depths were measured below Datum)			
00:00:00	2.73	0.42	1.00	Test Type	Falling head in	Standpipe	
00:00:01	2.83	0.32	0.77	Depth of Test Section	Response Zone Top:	5.50	mbgl
00:00:03	3.00	0.15	0.36		Response Zone Base:	10.50	mbgl
00:00:05	3.07	0.08	0.18	Datum (GL. downwards +ve, upwards -ve)			
00:00:07	3.10	0.05	0.11	Depth to Standing water level			
00:00:09	3.12	0.03	0.08	Depth to Water			
00:00:10	3.14	0.01	0.03	Start of Test			
00:00:12	3.13	0.02	0.04	End of Test			
00:00:14	3.13	0.02	0.04	Diameter of Standpipe			
00:00:16	3.14	0.01	0.02	Response Zone Length (L) =			
				Borehole Diameter in Test Section (D) =			
				Cross Sectional Area of Standpipe (A) =			
				Intake Factor (BS5930:1999+A2, page 50, Figure 6d) (F) =			
				General Approach (H1) = 0.42 (t1) = 0 Sec			
				(H2) = 0.01 (t2) = 16.2 Sec			
				Coefficient of Permeability using			
				$k = \frac{A}{F(t_2 - t_1)} \log_e \frac{H_1}{H_2} = \frac{2.93}{7.968} \log_e \frac{0.42}{0.01} = 2.93 \times 10^{-5} \text{ m/s}$			
				Remarks			
				mbgl = meters below ground level mbdl = meters below datum level			
Input by	SH	Date	23.08.2023	Checked by	DC	Date	23.08.2023

VARIABLE HEAD PERMEABILITY TEST RECORD



Client: AECOM
Site: FOUNDRY CENTRAL
Job No: D30068
Borehole No: B-BH8 (Shallow)
Depth (m): 5.5 to 10.5
Test No.: 3

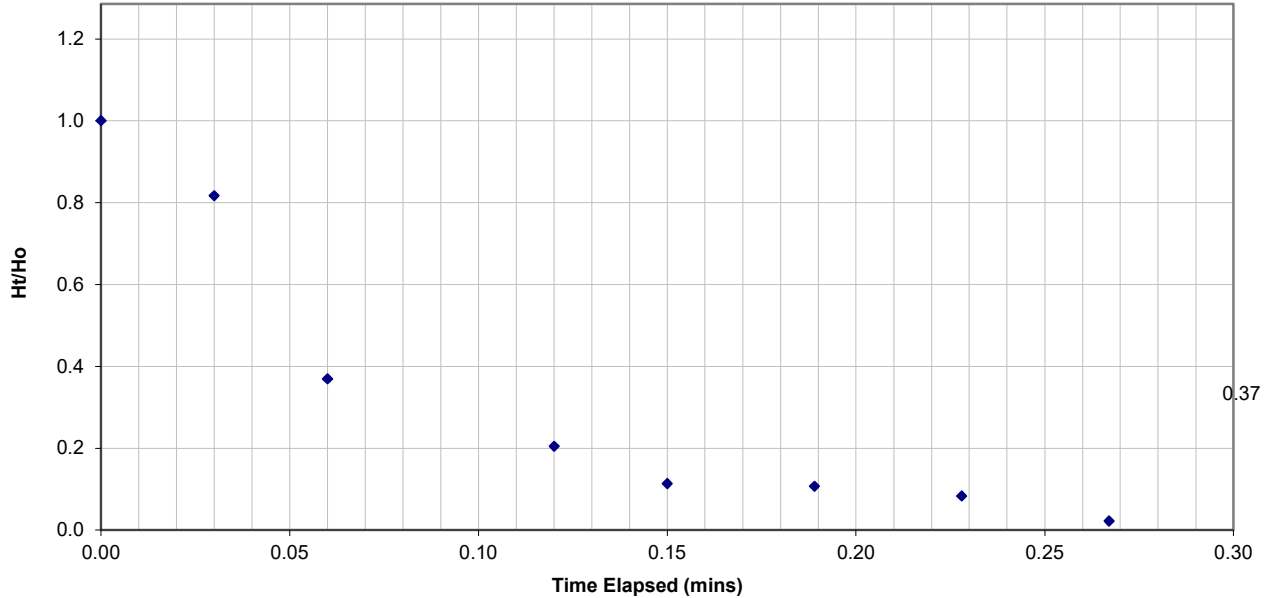


Time Elapsed (hh:mm:ss)	Depth of water below Datum (m)	Ht	Ht/Ho	Test Details (All water depths were measured below Datum)			
00:00:00	2.73	0.43	1.00	Test Type	Falling head in	Standpipe	
00:00:01	2.89	0.27	0.62	Depth of Test Section	Response Zone Top:	5.50	mbgl
00:00:03	3.03	0.13	0.29		Response Zone Base:	10.50	mbgl
00:00:05	3.09	0.07	0.16	Datum (GL. downwards +ve, upwards -ve)			
00:00:07	3.11	0.05	0.13	Depth to Standing water level			
00:00:09	3.12	0.04	0.10	Depth to Water			
00:00:10	3.13	0.03	0.07	Start of Test			
00:00:12	3.13	0.03	0.06	End of Test			
00:00:14	3.15	0.01	0.03	Diameter of Standpipe			
00:00:16	3.15	0.01	0.03	Response Zone Length (L) =			
00:00:18	3.15	0.01	0.02	Borehole Diameter in Test Section (D) =			
				Cross Sectional Area of Standpipe (A) =			
				Intake Factor (BS5930:1999+A2, page 50, Figure 6d) (F) =			
				General Approach (H1) =			
				(H2) =			
				(t1) =			
				(t2) =			
				Coefficient of Permeability using			
				$k = \frac{A}{F(t_2 - t_1)} \log_e \frac{H_1}{H_2} = 2.72 \times 10^{-5} \text{ m/s}$			
				Remarks			
				mbgl = meters below ground level mbdl = meters below datum level			
Input by	SH	Date	23.08.2023	Checked by	DC	Date	23.08.2023

VARIABLE HEAD PERMEABILITY TEST RECORD



Client: AECOM
Site: FOUNDRY CENTRAL
Job No: D30068
Borehole No: B-BH18 (Shallow)
Depth (m): 6.5 to 10.5
Test No.: 1

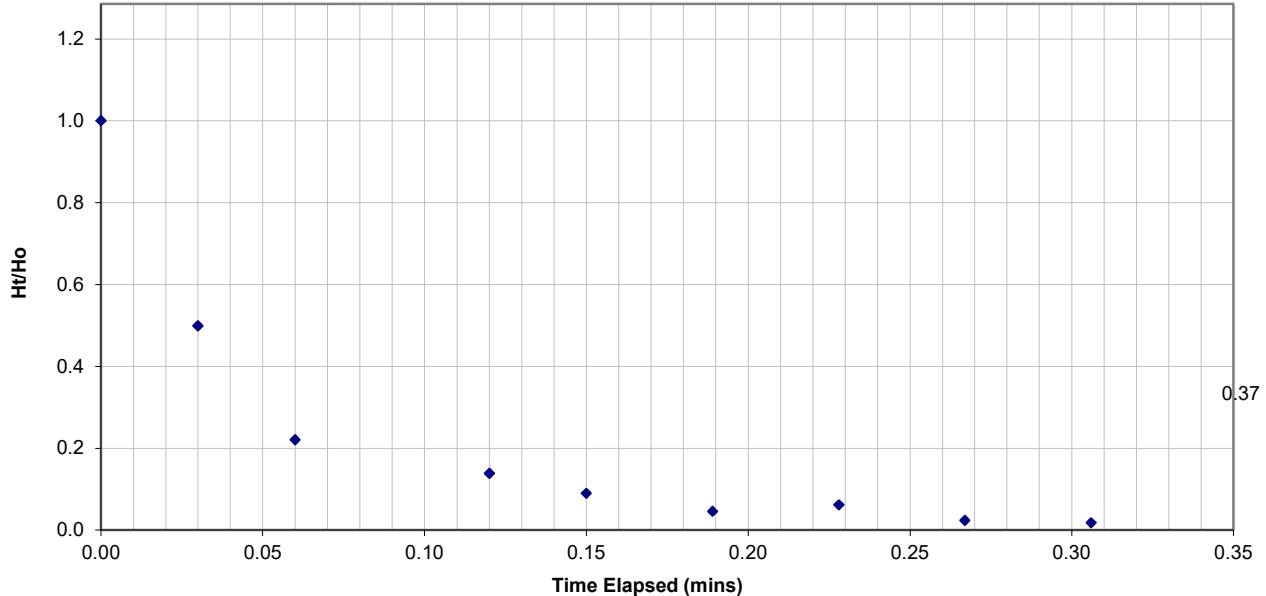


Time Elapsed (hh:mm:ss)	Depth of water below Datum (m)	Ht	Ht/Ho	Test Details (All water depths were measured below Datum)			
00:00:00	2.68	0.39	1.00	Test Type	Falling head in	Standpipe	
00:00:01	2.75	0.32	0.82	Depth of Test Section	Response Zone Top:	6.50	mbgl
00:00:03	2.92	0.15	0.37		Response Zone Base:	10.50	mbgl
00:00:07	2.99	0.08	0.20	Datum (GL. downwards +ve, upwards -ve)			
00:00:09	3.03	0.04	0.11	Depth to Standing water level			
00:00:11	3.03	0.04	0.11	Depth to Water			
00:00:13	3.04	0.03	0.08	Start of Test			
00:00:16	3.06	0.01	0.02	End of Test			
				Diameter of Standpipe			
				Response Zone Length			
				Borehole Diameter in Test Section			
				Cross Sectional Area of Standpipe			
				Intake Factor (BS5930:1999+A2, page 50, Figure 6d)			
				General Approach			
				(H1)= 0.39 (t1)= 0 Sec			
				(H2)= 0.01 (t2)= 16.2 Sec			
				Coefficient of Permeability using			
				3.44 $k_k = \frac{A}{F(t_2 - t_1)} \log_e \frac{H_1}{H_2} =$ 3.44 $\times 10^{-5}$ m/s			
				Remarks			

VARIABLE HEAD PERMEABILITY TEST RECORD



Client: AECOM
Site: FOUNDRY CENTRAL
Job No: D30068
Borehole No: B-BH18 (Shallow)
Depth (m): 6.5 to 10.5
Test No.: 2

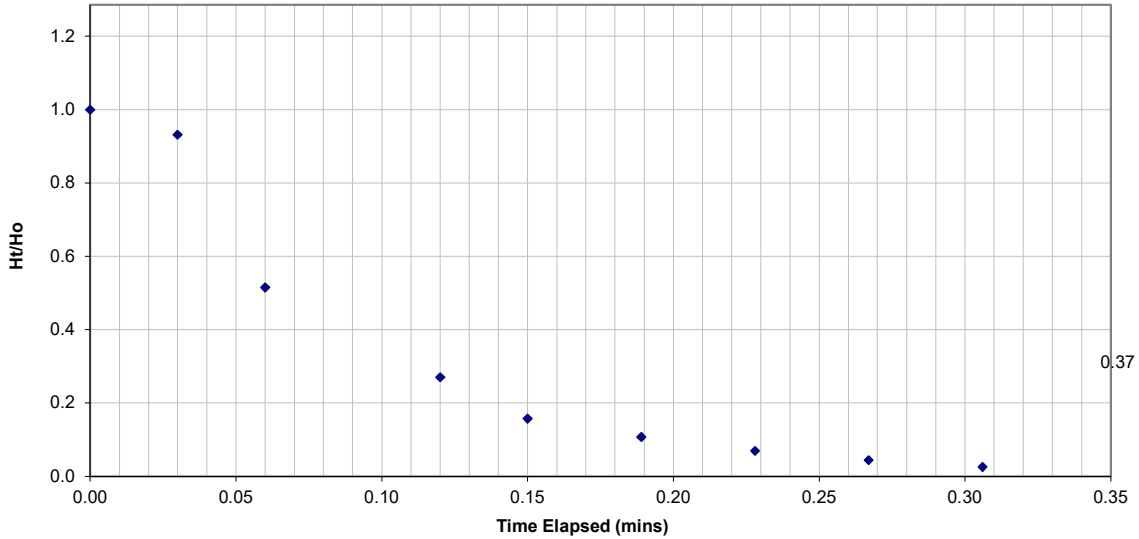


Time Elapsed (hh:mm:ss)	Depth of water below Datum (m)	Ht	Ht/Ho	Test Details (All water depths were measured below Datum)			
00:00:00	2.63	0.44	1.00	Test Type	Falling head in	Standpipe	
00:00:01	2.85	0.22	0.50	Depth of Test Section	Response Zone Top:	6.50	mbgl
00:00:03	2.97	0.10	0.22		Response Zone Base:	10.50	mbgl
00:00:07	3.01	0.06	0.14	Datum (GL. downwards +ve, upwards -ve)			
00:00:09	3.03	0.04	0.09	Depth to Standing water level			
00:00:11	3.05	0.02	0.05	Depth to Water	Start of Test	2.63	mbdl
00:00:13	3.04	0.03	0.06		End of Test	3.06	mbdl
00:00:16	3.06	0.01	0.02	Diameter of Standpipe			
00:00:18	3.06	0.01	0.02	Response Zone Length			
					(L) =	4.00	m
				Borehole Diameter in Test Section			
					(D) =	178	mm
				Cross Sectional Area of Standpipe			
					(A) =	0.00096	m ²
				Intake Factor (BS5930:1999+A2, page 50, Figure 6d)			
				(F) = 6.604			
				General Approach	(H1)= 0.44	(t1) = 0	Sec
					(H2) = 0.01	(t2) = 18.6	Sec
<u>Coefficient of Permeability using</u>							
3.16 $k_k = \frac{A}{F(t_2 - t_1)} \log_e \frac{H_1}{H_2} =$ 3.16 $\times 10^{-5}$ m/s							
<u>Remarks</u>							

VARIABLE HEAD PERMEABILITY TEST RECORD



Client: AECOM
Site: FOUNDRY CENTRAL
Job No: D30068
Borehole No: B-BH18 (Shallow)
Depth (m): 6.5 to 10.5
Test No.: 3

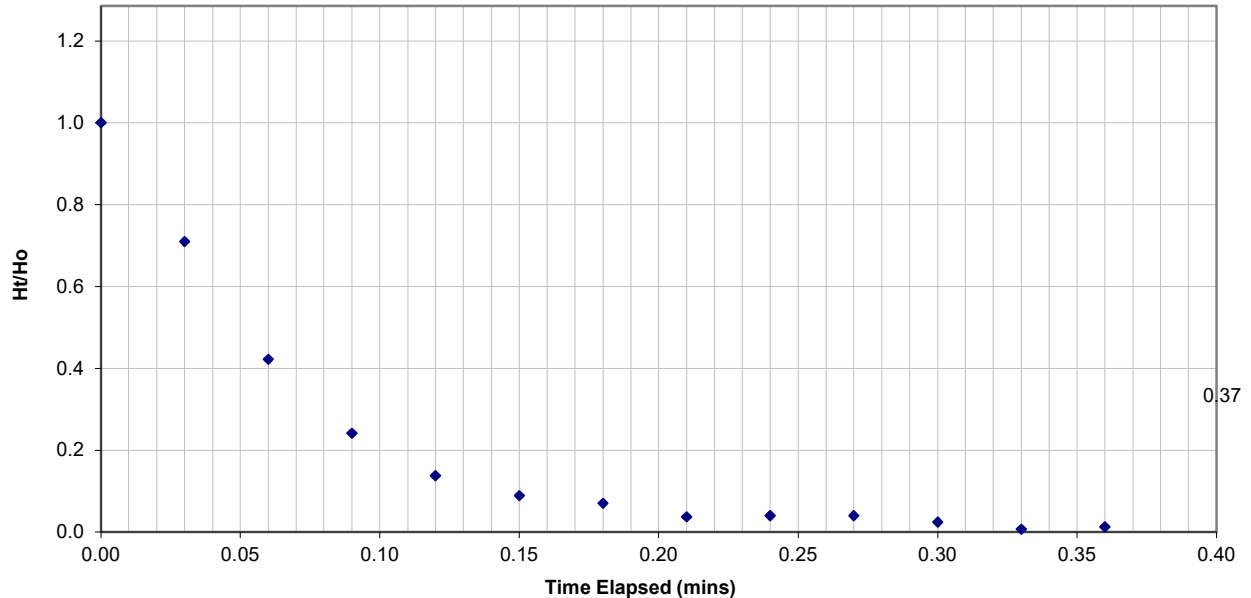


Time Elapsed (hh:mm:ss)	Depth of water below Datum (m)	Ht	Ht/Ho	Test Details (All water depths were measured below Datum)			
00:00:00	2.69	0.38	1.00	Test Type	Falling	head in	Standpipe
00:00:01	2.71	0.36	0.93	Depth of Test Section	Response Zone Top:	6.50	mbgl
00:00:03	2.87	0.20	0.52		Response Zone Base:	10.50	mbgl
00:00:07	2.97	0.10	0.27	Datum (GL. downwards +ve, upwards -ve)			
00:00:09	3.01	0.06	0.16	Depth to Standing water level			
00:00:11	3.03	0.04	0.11	Depth to Water			
00:00:13	3.04	0.03	0.07		Start of Test	2.69	mbdl
00:00:16	3.05	0.02	0.04		End of Test	3.06	mbdl
00:00:18	3.06	0.01	0.03	Diameter of Standpipe			
				Response Zone Length (L) =			
				Borehole Diameter in Test Section (D) =			
				Cross Sectional Area of Standpipe (A) =			
				Intake Factor (BS5930:1999+A2, page 50, Figure 6d) (F) =			
				General Approach (H1) =			
				(H2) =			
				(t1) =			
				(t2) =			
				Coefficient of Permeability using			
				$2.87 \times 10^{-5} \text{ m/s}$			
				Remarks			
				mbgl = meters below ground level mbdl = meters below datum level			
Input by	SH	Date	23.08.2023	Checked by	DC	Date	23.08.2023

VARIABLE HEAD PERMEABILITY TEST RECORD



Client: AECOM
Site: FOUNDRY CENTRAL
Job No: D30068
Borehole No: B-BH27 (Shallow)
Depth (m): 6 to 9
Test No.: 1

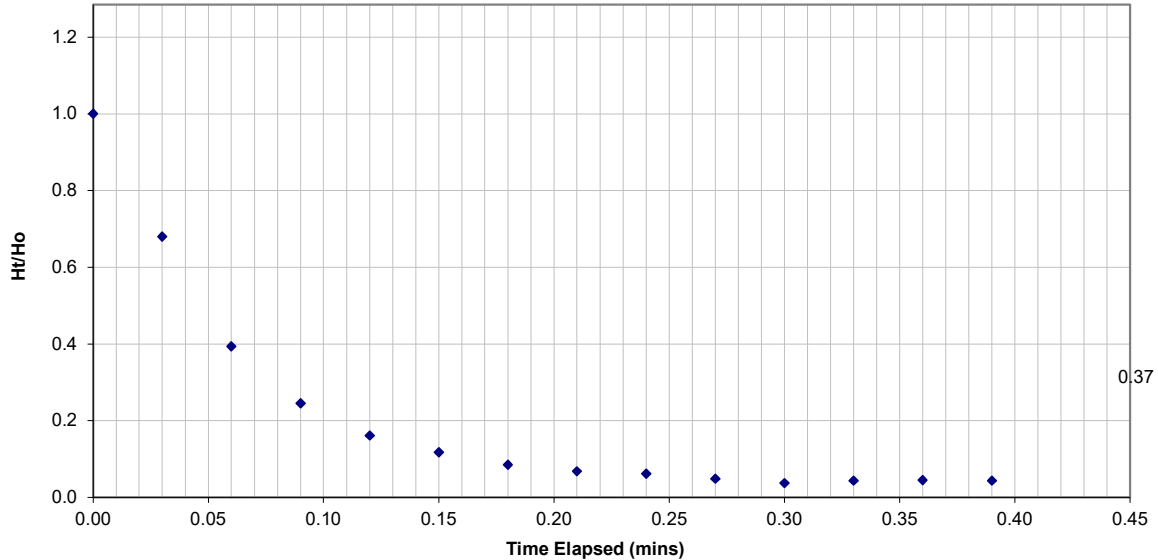


Time Elapsed (hh:mm:ss)	Depth of water below Datum (m)	Ht	Ht/Ho	Test Details (All water depths were measured below Datum)			
00:00:00	3.56	0.79	1.00	Test Type	Falling head in	Standpipe	
00:00:01	3.79	0.56	0.71	Depth of Test Section	Response Zone Top:	6.00	mbgl
00:00:03	4.02	0.33	0.42		Response Zone Base:	9.00	mbgl
00:00:05	4.16	0.19	0.24	Datum (GL. downwards +ve, upwards -ve)			
00:00:07	4.24	0.11	0.14	Depth to Standing water level			
00:00:09	4.28	0.07	0.09	Depth to Water			
00:00:10	4.29	0.06	0.07	Start of Test			
00:00:12	4.32	0.03	0.04	End of Test			
00:00:14	4.32	0.03	0.04	Diameter of Standpipe			
00:00:16	4.32	0.03	0.04	Response Zone Length (L) =			
00:00:18	4.33	0.02	0.02	Borehole Diameter in Test Section (D) =			
00:00:19	4.34	0.01	0.01	Cross Sectional Area of Standpipe (A) =			
00:00:21	4.34	0.01	0.01	Intake Factor (BS5930:1999+A2, page 50, Figure 6d) (F) =			
				General Approach (H1) = 0.79 (t1) = 0 Sec			
				(H2) = 0.01 (t2) = 21.6 Sec			
				Coefficient of Permeability using			
				$k = \frac{A}{F(t_2 - t_1)} \log_e \frac{H_1}{H_2} = \frac{3.56}{5.491} \log_e \frac{0.79}{0.01} = 3.56 \times 10^{-5} \text{ m/s}$			
				Remarks			
				mbgl = meters below ground level mbdl = meters below datum level			
Input by	SH	Date	23.08.2023	Checked by	DC	Date	23.08.2023

VARIABLE HEAD PERMEABILITY TEST RECORD



Client: AECOM
Site: FOUNDRY CENTRAL
Job No: D30068
Borehole No: B-BH27 (Shallow)
Depth (m): 6 to 9
Test No.: 2

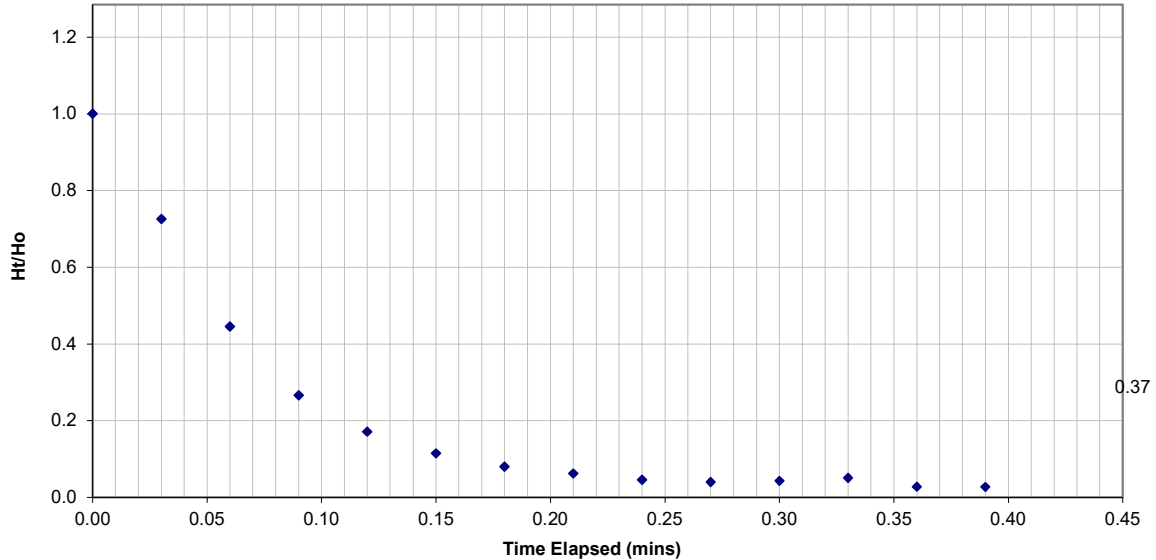


Time Elapsed (hh:mm:ss)	Depth of water below Datum (m)	Ht	Ht/Ho	Test Details (All water depths were measured below Datum)			
00:00:00	3.56	0.81	1.00	Test Type	Falling head in	Standpipe	
00:00:01	3.82	0.55	0.68	Depth of Test Section	Response Zone Top:	6.00	mbgl
00:00:03	4.05	0.32	0.39		Response Zone Base:	9.00	mbgl
00:00:05	4.17	0.20	0.24	Datum (GL. downwards +ve, upwards -ve)			
00:00:07	4.24	0.13	0.16	Depth to Standing water level		4.37	mbdl
00:00:09	4.27	0.10	0.12	Depth to Water	Start of Test	3.56	mbdl
00:00:10	4.30	0.07	0.08		End of Test	4.36	mbdl
00:00:12	4.32	0.05	0.07	Diameter of Standpipe		35	mm
00:00:14	4.32	0.05	0.06	Response Zone Length	(L) =	3.00	m
00:00:16	4.33	0.04	0.05	Borehole Diameter in Test Section	(D) =	194	mm
00:00:18	4.34	0.03	0.04	Cross Sectional Area of Standpipe	(A) =	0.00096	m ²
00:00:19	4.33	0.04	0.04	Intake Factor (BS5930:1999+A2, page 50, Figure 6d)	(F) =	5.491	
00:00:21	4.33	0.04	0.04	General Approach	(H1) =	0.81	(t1) = 0 Sec
00:00:23	4.34	0.03	0.03		(H2) =	0.01	(t2) = 27 Sec
00:00:27	4.36	0.01	0.02	Coefficient of Permeability using			
				$2.71 \quad k = \frac{A}{F(t_2 - t_1)} \log_e \frac{H_1}{H_2} = 2.71 \times 10^{-5} \text{ m/s}$			
				Remarks			
				mbgl = meters below ground level mbdl = meters below datum level			
Input by	SH	Date	23.08.2023	Checked by	DC	Date	23.08.2023

VARIABLE HEAD PERMEABILITY TEST RECORD



Client: AECOM
Site: FOUNDRY CENTRAL
Job No: D30068
Borehole No: B-BH27 (Shallow)
Depth (m): 6 to 9
Test No.: 3

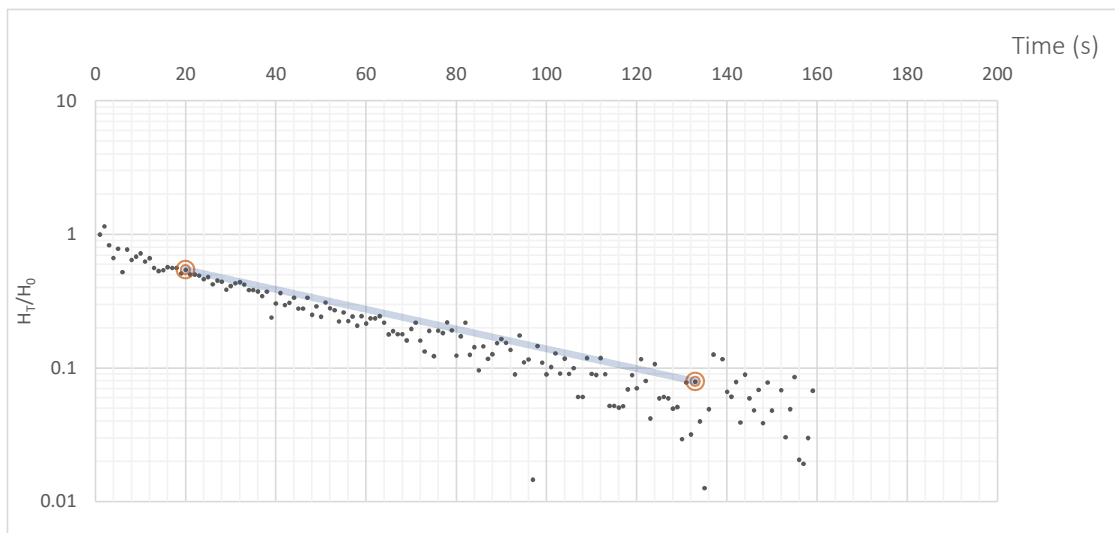


Time Elapsed (hh:mm:ss)	Depth of water below Datum (m)	Ht	Ht/Ho	Test Details (All water depths were measured below Datum)			
00:00:00	3.52	0.84	1.00	Test Type	Falling head in	Standpipe	
00:00:01	3.75	0.61	0.73	Depth of Test Section	Response Zone Top:	6.00	mbgl
00:00:03	3.99	0.37	0.45		Response Zone Base:	9.00	mbgl
00:00:05	4.14	0.22	0.27	Datum (GL. downwards +ve, upwards -ve)			
00:00:07	4.22	0.14	0.17	Depth to Standing water level			
00:00:09	4.26	0.10	0.11	Depth to Water			
00:00:10	4.29	0.07	0.08	Start of Test			
00:00:12	4.31	0.05	0.06	End of Test			
00:00:14	4.32	0.04	0.05	Diameter of Standpipe			
00:00:16	4.33	0.03	0.04	Response Zone Length (L) =			
00:00:18	4.32	0.04	0.04	Borehole Diameter in Test Section (D) =			
00:00:19	4.32	0.04	0.05	Cross Sectional Area of Standpipe (A) =			
00:00:21	4.34	0.02	0.03	Intake Factor (BS5930:1999+A2, page 50, Figure 6d) (F) =			
00:00:23	4.35	0.01	0.01	General Approach (H1) = 0.84 (t1) = 0 Sec			
				(H2) = 0.01 (t2) = 25.2 Sec			
				Coefficient of Permeability using			
				$3.03 \quad k = \frac{A}{F(t_2 - t_1)} \log_e \frac{H_1}{H_2} = 3.03 \times 10^{-5} \text{ m/s}$			
				Remarks			
				mbgl = meters below ground level mbdl = meters below datum level			
Input by	SH	Date	23.08.2023	Checked by	DC	Date	23.08.2023



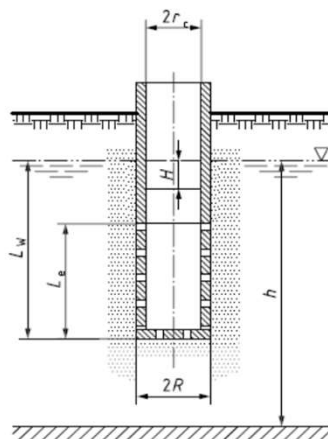
SLUG PERMEABILITY TEST RECORD

Client: AECOM
 Site: Foundry Central
 Job No: D30068
 Borehole No: B-BH8 Deep
 Depth (m): 21.02
 Test No.: FHT1



Borehole Dimensions (m)

rc= 0.025 Lw= 15.76
 R= 0.073 h= 25.31
 L= 3 L/R= 41.09589



Bouwer and Rice method BS EN 22282-2-2012

$$k = \frac{r^2 \cdot \ln(Re/R)}{2 \cdot L} \cdot \frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right)$$

$$\ln \frac{Re}{R} = \left[\frac{1.1}{\ln(Lw/R)} + \frac{A + B \cdot \ln[(h - Lw)/R]}{L/R} \right]^{-1}$$

A	2.9
B	0.45
C	2.5

h ₀	0.25
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$$\frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right) = \frac{1}{(t_2 - t_1)} \cdot \ln\left(\frac{h_1}{h_2}\right)$$

	time (s)	h _t /h ₀
h ₁	20	0.5437733
h ₂	133	0.0792091

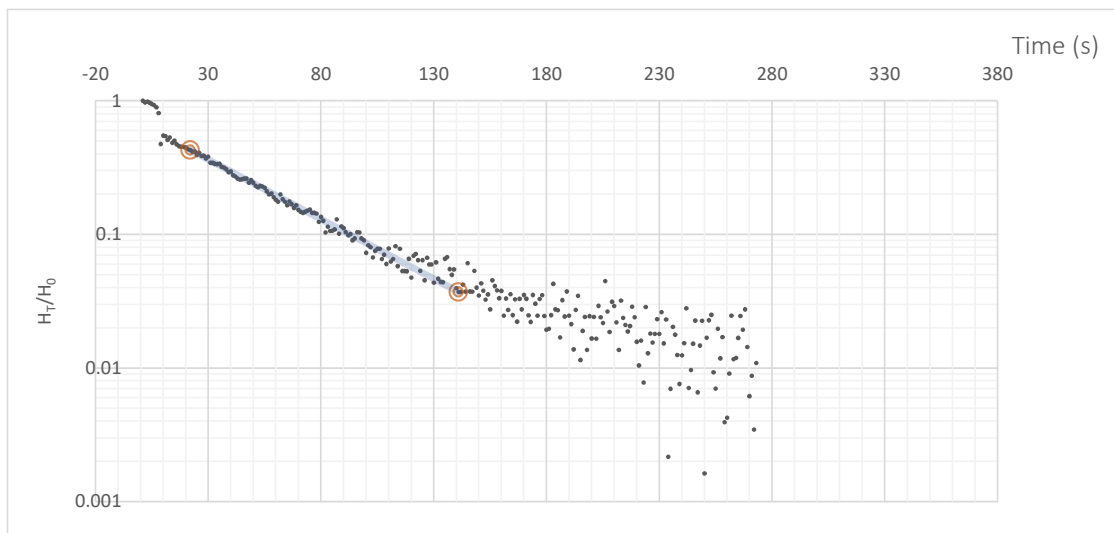
Calculated Coefficient of Permeability, k = 5.40437E-06 m/s

Input by	SH	Date	18/08/23	Checked by	KJ	Date	18/08/2023
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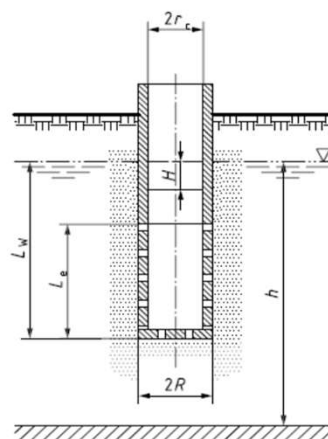
SLUG PERMEABILITY TEST RECORD

Client: AECOM
 Site: Foundry Central
 Job No: D30068
 Borehole No: B-BH8 Deep
 Depth (m): 21.02
 Test No.: FHT2



Borehole Dimensions (m)

rc= 0.025 Lw= 15.76
 R= 0.073 h= 25.31
 L= 3 L/R= 41.09589



Bouwer and Rice method BS EN 22282-2-2012

$$k = \frac{r^2 \cdot \ln(R_e/R)}{2 \cdot L} \cdot \frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right)$$

$$\ln \frac{R_e}{R} = \left[\frac{1.1}{\ln(Lw/R)} + \frac{A + B \cdot \ln[(h - Lw)/R]}{L/R} \right]^{-1}$$

A	2.9
B	0.45
C	2.5

h ₀	0.92
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$$\frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right) = \frac{1}{(t_2 - t_1)} \cdot \ln\left(\frac{h_1}{h_2}\right)$$

	time (s)	h _t /h ₀
h ₁	22	0.4284545
h ₂	141	0.0371106

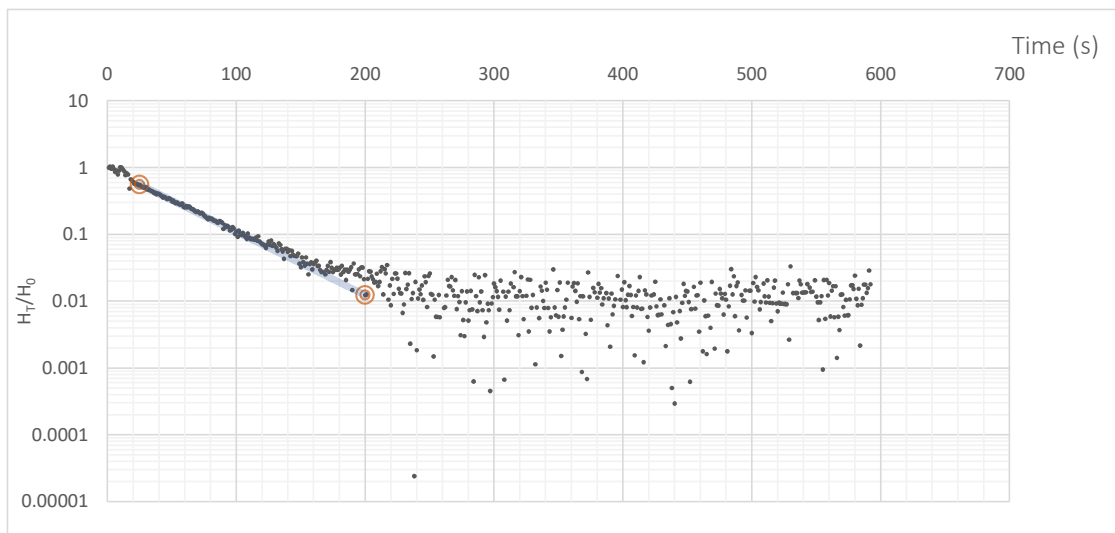
Calculated Coefficient of Permeability, k = 6.51669E-06 m/s

Input by	SH	Date	18/08/23	Checked by	KJ	Date	18/08/2023
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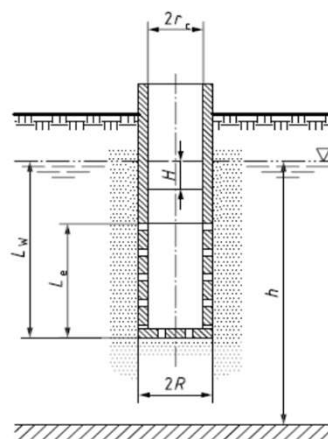
SLUG PERMEABILITY TEST RECORD

Client: AECOM
 Site: Foundry Central
 Job No: D30068
 Borehole No: B-BH8 Deep
 Depth (m): 21.02
 Test No.: FHT3



Borehole Dimensions (m)

rc= 0.025 Lw= 15.76
 R= 0.073 h= 25.31
 L= 3 L/R= 41.09589



Bouwer and Rice method BS EN 22282-2-2012

$$k = \frac{r^2 \cdot \ln(Re/R)}{2 \cdot L} \cdot \frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right)$$

$$\ln \frac{Re}{R} = \left[\frac{1.1}{\ln(Lw/R)} + \frac{A + B \cdot \ln[(h - Lw)/R]}{L/R} \right]^{-1}$$

A 2.9
 B 0.47
 C 2.5

h ₀	1.09
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	time (s)	h _t /h ₀
h ₁	25	0.5562119
h ₂	200	0.0123765

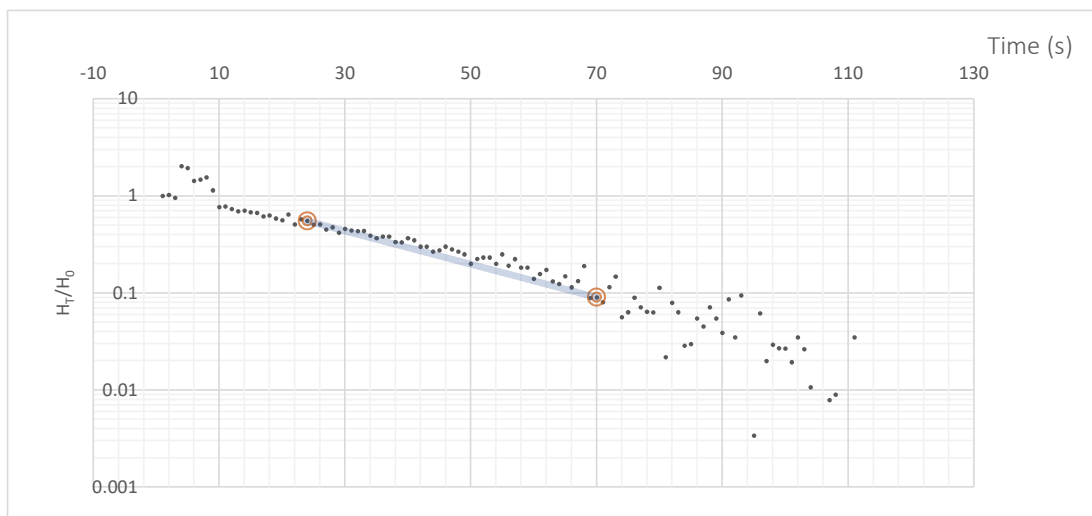
Calculated Coefficient of Permeability, k = 6.84385E-06 m/s

Input by	SH	Date	18/08/23	Checked by	KJ	Date	18/08/2023
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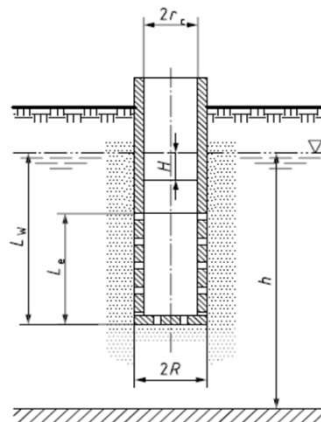
SLUG PERMEABILITY TEST RECORD

Client: AECOM
Site: Foundry Central
Job No: D30068
Borehole No: B-BH8 Deep
Depth (m): 21.02
Test No.: RHT1



Borehole Dimensions (m)

rc= 0.025 Lw= 15.75
 R= 0.073 h= 25.3
 L= 3 L/R= 41.09589



Bouwer and Rice method BS EN 22282-2-2012

$$k = \frac{r^2 \cdot \ln\left(\frac{Re}{R}\right)}{2 \cdot L} \cdot \frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right)$$

$$\ln \frac{Re}{R} = \left[\frac{1.1}{\ln(Lw/R)} + \frac{A + B \cdot \ln\left[\frac{(h - Lw)/R}{L/R}\right]}{L/R} \right]^{-1}$$

A	2.9
B	0.45
C	2.5

h ₀	-0.29
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$$\frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right) = \frac{1}{(t_2 - t_1)} \cdot \ln\left(\frac{h_1}{h_2}\right)$$

	time (s)	h _t /h ₀
h ₁	24	0.5504305
h ₂	70	0.0898233

Calculated Coefficient of Permeability, k

=

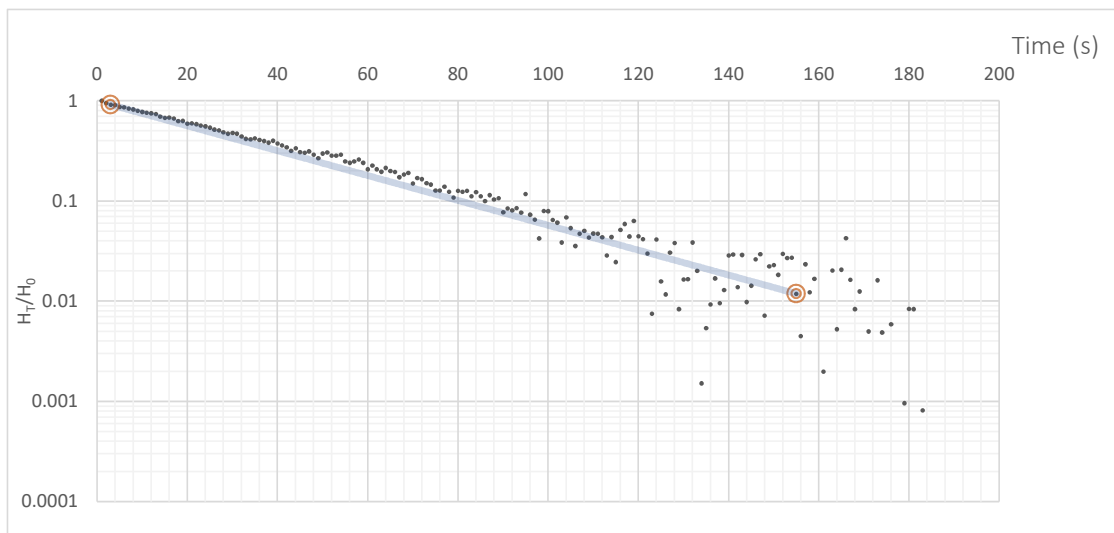
1.24923E-05 m/s

Input by	SH	Date	18/08/23	Checked by	KJ	Date	18/08/2023
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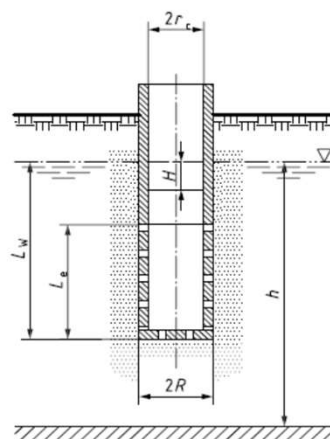
SLUG PERMEABILITY TEST RECORD

Client: AECOM
 Site: Foundry Central
 Job No: D30068
 Borehole No: B-BH8 Deep
 Depth (m): 21.02
 Test No.: RHT2



Borehole Dimensions (m)

rc= 0.025 Lw= 15.76
 R= 0.073 h= 25.31
 L= 3 L/R= 41.09589



Bouwer and Rice method BS EN 22282-2-2012

$$k = \frac{r^2 \cdot \ln(R_e/R)}{2 \cdot L} \cdot \frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right)$$

$$\ln \frac{R_e}{R} = \left[\frac{1.1}{\ln(Lw/R)} + \frac{A + B \cdot \ln[(h - Lw)/R]}{L/R} \right]^{-1}$$

A	2.9
B	0.47
C	2.5

h_0	-0.64
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$$\frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right) = \frac{1}{(t_2 - t_1)} \cdot \ln\left(\frac{h_1}{h_2}\right)$$

	time (s)	h_t/h_0
h_1	3	0.9137742
h_2	155	0.0118814

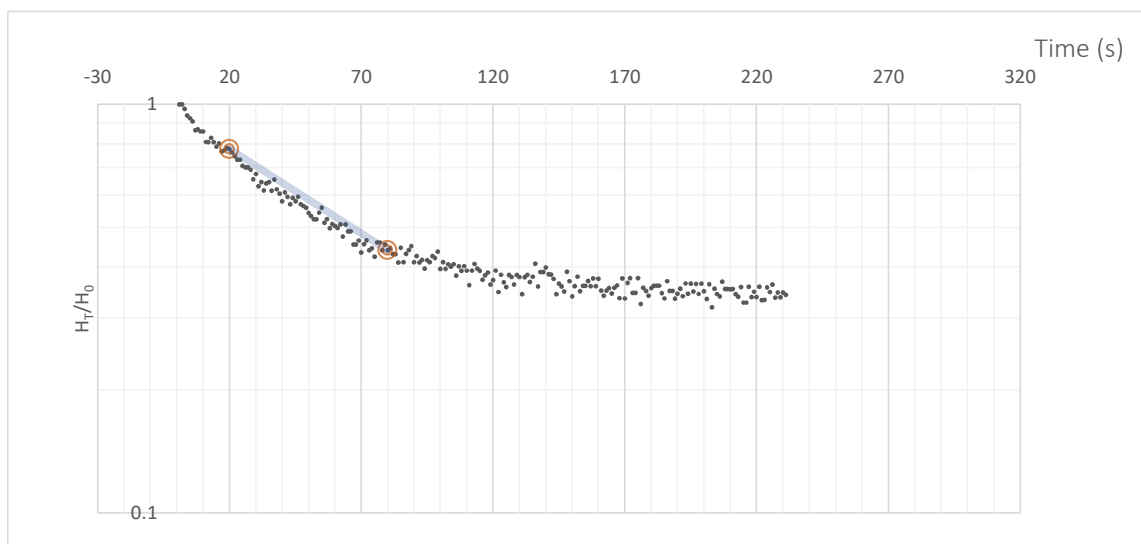
Calculated Coefficient of Permeability, k = 8.99189E-06 m/s

Input by	SH	Date	18/08/23	Checked by	KJ	Date	18/08/2023
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SLUG PERMEABILITY TEST RECORD

Client: AECOM
 Site: Foundry Central
 Job No: D30068
 Borehole No: B-BH8 Deep
 Depth (m): 21.02
 Test No.: RHT3



Borehole Dimensions (m)

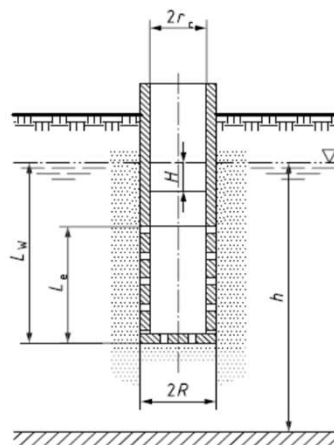
rc= 0.025 Lw= 15.76
 R= 0.073 h= 25.31
 L= 3 L/R= 41.09589

Bouwer and Rice method BS EN 22282-2-2012

$$k = \frac{r^2 \cdot \ln(R_e/R)}{2 \cdot L} \cdot \frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right)$$

$$\ln \frac{R_e}{R} = \left[\frac{1.1}{\ln(Lw/R)} + \frac{A + B \cdot \ln[(h - Lw)/R]}{L/R} \right]^{-1}$$

A 2.9
 B 0.47
 C 2.5



h₀ -0.48

	time (s)	h _t /h ₀
h ₁	20	0.7773781
h ₂	80	0.4396385

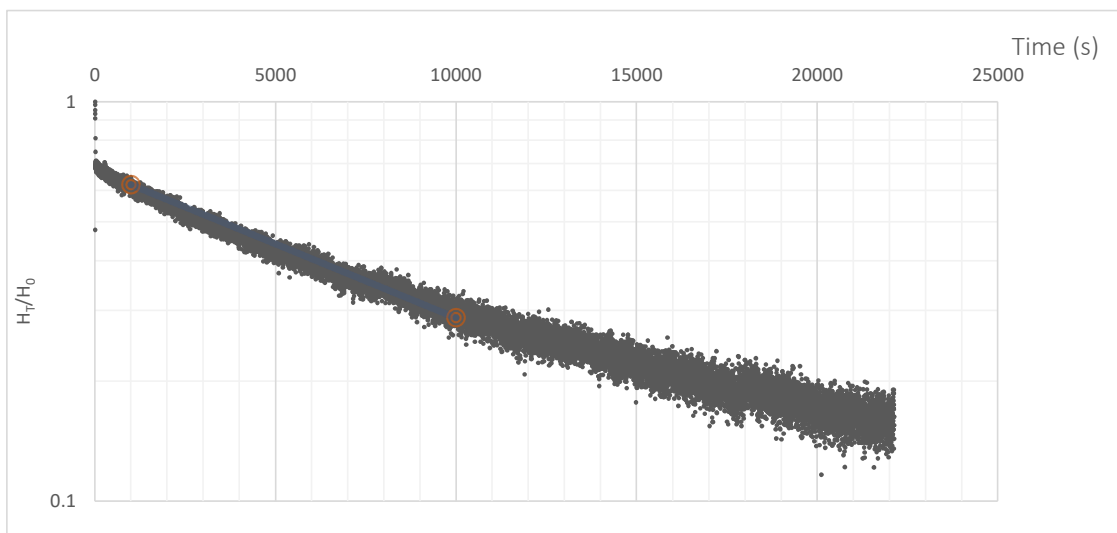
Calculated Coefficient of Permeability, k = 2.98984E-06 m/s

Input by	SH	Date	18/08/23	Checked by	KJ	Date	18/08/2023
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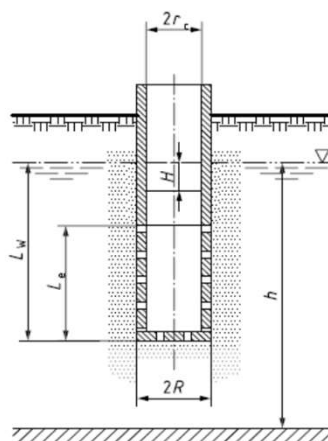
SLUG PERMEABILITY TEST RECORD

Client: AECOM
 Site: Foundry Central
 Job No: D30068
 Borehole No: B-BH18 Deep
 Depth (m): 25.97
 Test No.: FHT1



Borehole Dimensions (m)

rc= 0.025 Lw= 24.36
 R= 0.073 h= 26.77
 L= 3 L/R= 41.09589



Bouwer and Rice method BS EN 22282-2-2012

$$k = \frac{r^2 \cdot \ln\left(\frac{Re}{R}\right) \cdot \frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right)}{2 \cdot L}$$

$$\ln \frac{Re}{R} = \left[\frac{1.1}{\ln(Lw/R)} + \frac{A + B \cdot \ln\left[\frac{(h - Lw)}{R}\right]}{L/R} \right]^{-1}$$

A 2.8
 B 0.46
 C 2.5

h_0 0.61

$$\frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right) = \frac{1}{(t_2 - t_1)} \cdot \ln\left(\frac{h_1}{h_2}\right)$$

	time (s)	h_t/h_0
h_1	1000	0.619345
h_2	10000	0.2876447

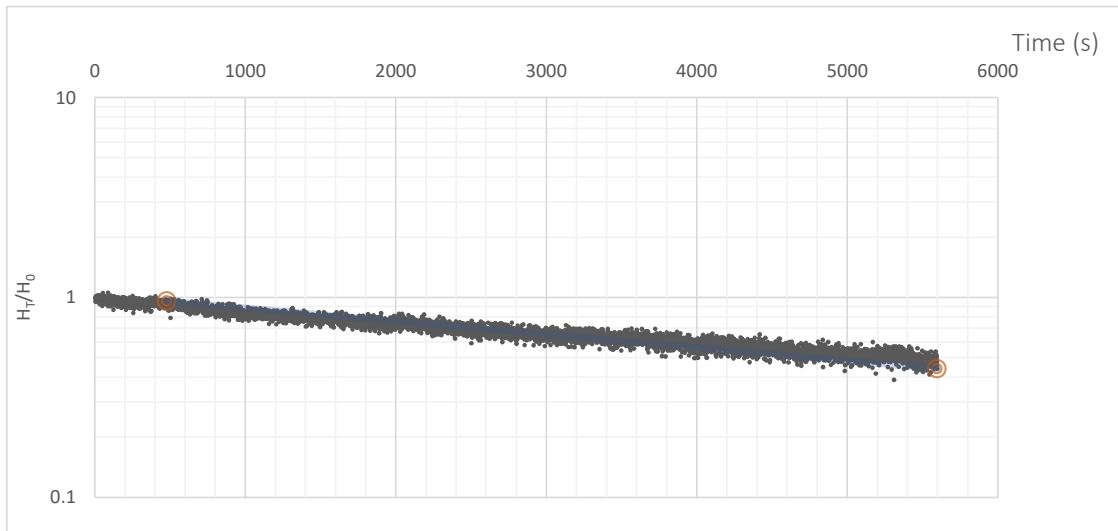
Calculated Coefficient of Permeability, k = 2.99281E-08 m/s

Input by	SH	Date	21/08/23	Checked by	KJ	Date	21/08/2023
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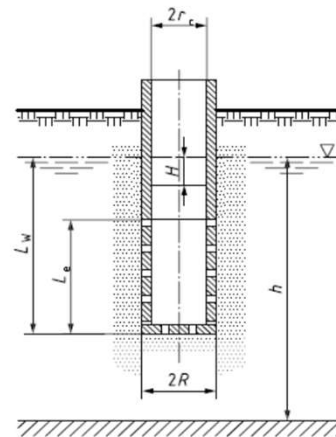
SLUG PERMEABILITY TEST RECORD

Client: AECOM
 Site: Foundry Central
 Job No: D30068
 Borehole No: B-BH18 Deep
 Depth (m): 25.97
 Test No.: RHT1



Borehole Dimensions (m)

$r_c = 0.025$ $L_w = 24.36$
 $R = 0.073$ $h = 26.77$
 $L = 3$ $L/R = 41.09589$



Bouwer and Rice method BS EN 22282-2-2012

$$k = \frac{r^2 \cdot \ln\left(\frac{R\theta}{R}\right) \cdot \frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right)}{2 \cdot L}$$

$$\ln \frac{R\theta}{R} = \left[\frac{1.1}{\ln(L_w/R)} + \frac{A + B \cdot \ln\left[\frac{(h - L_w)/R}{L/R}\right]}{L/R} \right]^{-1}$$

A	2.8
B	0.46
C	2.5

h_0	-0.25
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$$\frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right) = \frac{1}{(t_2 - t_1)} \cdot \ln\left(\frac{h_1}{h_2}\right)$$

	time (s)	h_t/h_0
h_1	476	0.9592325
h_2	5596	0.4402763

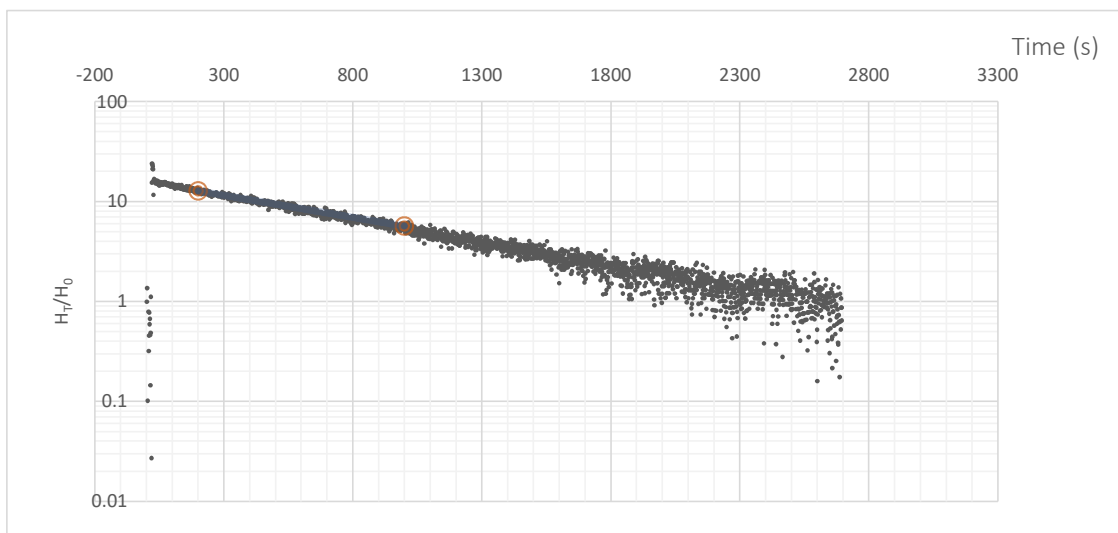
Calculated Coefficient of Permeability, k = **5.34171E-08 m/s**

Input by	SH	Date	21/08/23	Checked by	KJ	Date	21/08/2023
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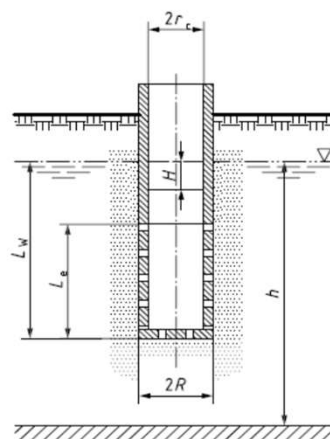
SLUG PERMEABILITY TEST RECORD

Client: AECOM
 Site: Foundry Central
 Job No: D30068
 Borehole No: B-BH27 Deep
 Depth (m): 25.96
 Test No.: FHT1



Borehole Dimensions (m)

rc= 0.025 Lw= 22.02
 R= 0.073 h= 25.02
 L= 3 L/R= 41.09589



Bouwer and Rice method BS EN 22282-2-2012

$$k = \frac{r^2 \cdot \ln\left(\frac{Re}{R}\right)}{2 \cdot L} \cdot \frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right)$$

$$\ln \frac{Re}{R} = \left[\frac{1.1}{\ln(Lw/R)} + \frac{A + B \cdot \ln\left[\left(h - Lw\right)/R\right]}{L/R} \right]^{-1}$$

A 2.8
 B 0.46
 C 2.5

h₀ 0.02

$$\frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right) = \frac{1}{(t_2 - t_1)} \cdot \ln\left(\frac{h_1}{h_2}\right)$$

	time (s)	h _t /h ₀
h ₁	200	12.756979
h ₂	1000	5.6572728

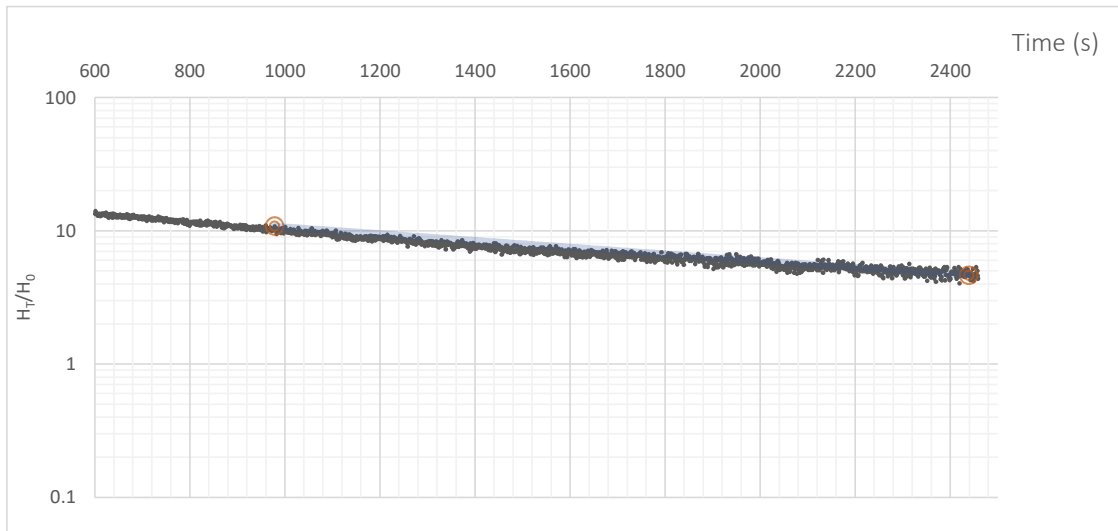
Calculated Coefficient of Permeability, k = 3.50127E-07 m/s

Input by	SH	Date	21/08/23	Checked by	KJ	Date	21/08/2023
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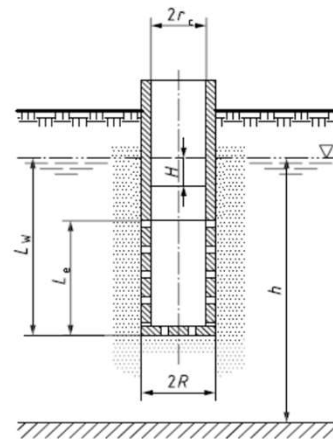
SLUG PERMEABILITY TEST RECORD

Client: AECOM
 Site: Foundry Central
 Job No: D30068
 Borehole No: B-BH27 Deep
 Depth (m): 25.96
 Test No.: FHT2



Borehole Dimensions (m)

rc= 0.025 Lw= 21.95
 R= 0.073 h= 24.95
 L= 3 L/R= 41.09589



Bouwer and Rice method BS EN 22282-2-2012

$$k = \frac{r^2 \cdot \ln\left(\frac{R_e}{R}\right)}{2 \cdot L} \cdot \frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right)$$

$$\ln \frac{R_e}{R} = \left[\frac{1.1}{\ln(Lw/R)} + \frac{A + B \cdot \ln\left[\frac{(h - Lw)/R}{L/R}\right]}{L/R} \right]^{-1}$$

$$\frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right) = \frac{1}{(t_2 - t_1)} \cdot \ln\left(\frac{h_1}{h_2}\right)$$

A	2.8
B	0.46
C	2.5

h_0	0.03
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	time (s)	h_t/h_0
h_1	978	10.818851
h_2	2439	4.620883

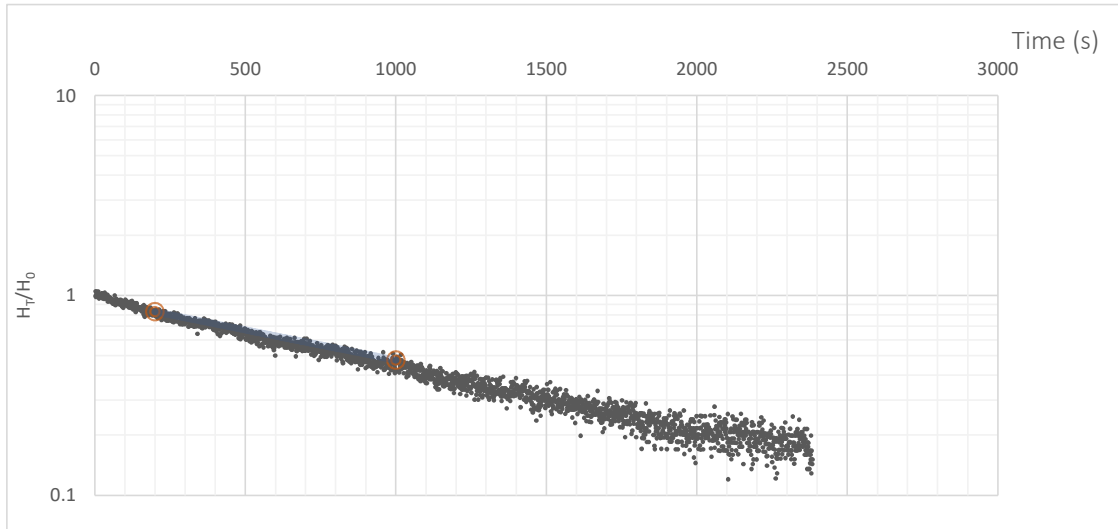
Calculated Coefficient of Permeability, k = 2.00505E-07 m/s

Input by	SH	Date	21/08/23	Checked by	KJ	Date	21/08/2023
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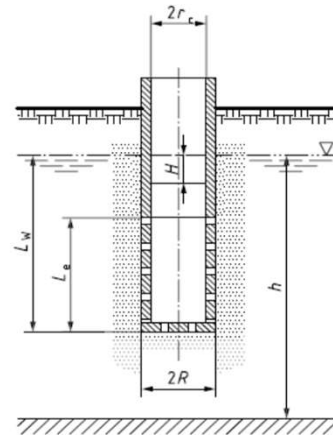
SLUG PERMEABILITY TEST RECORD

Client: AECOM
 Site: Foundry Central
 Job No: D30068
 Borehole No: B-BH27 Deep
 Depth (m): 25.96
 Test No.: RHT1



Borehole Dimensions (m)

rc= 0.025 Lw= 22.02
 R= 0.073 h= 25.02
 L= 3 L/R= 41.09589



Bouwer and Rice method BS EN 22282-2-2012

$$k = \frac{r^2 \cdot \ln(Re/R)}{2 \cdot L} \cdot \frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right)$$

$$\ln \frac{Re}{R} = \left[\frac{1.1}{\ln(Lw/R)} + \frac{A + B \cdot \ln[(h - Lw)/R]}{L/R} \right]^{-1}$$

A 2.8
 B 0.46
 C 2.5

h₀ -0.30

$$\frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right) = \frac{1}{(t_2 - t_1)} \cdot \ln\left(\frac{h_1}{h_2}\right)$$

	time (s)	h _t /h ₀
h ₁	200	0.8283999
h ₂	1000	0.4748509

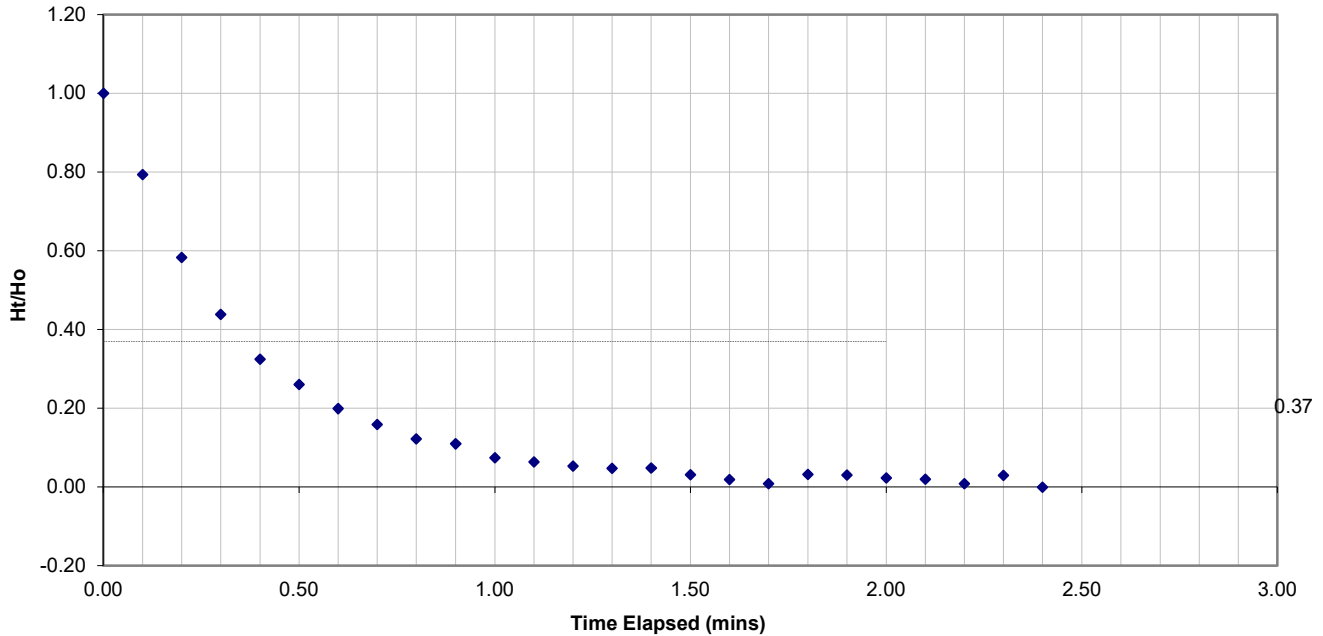
Calculated Coefficient of Permeability, k = 2.3962E-07 m/s

Input by	SH	Date	21/08/23	Checked by	KJ	Date	21/08/2023
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VARIABLE HEAD PERMEABILITY TEST RECORD



Client: AECOM
Site: FOUNDRY CENTRAL
Job No: D30068
Borehole No: B-BH2 (Shallow)
Depth (m): 5.5 to 9.5
Test No.: 1

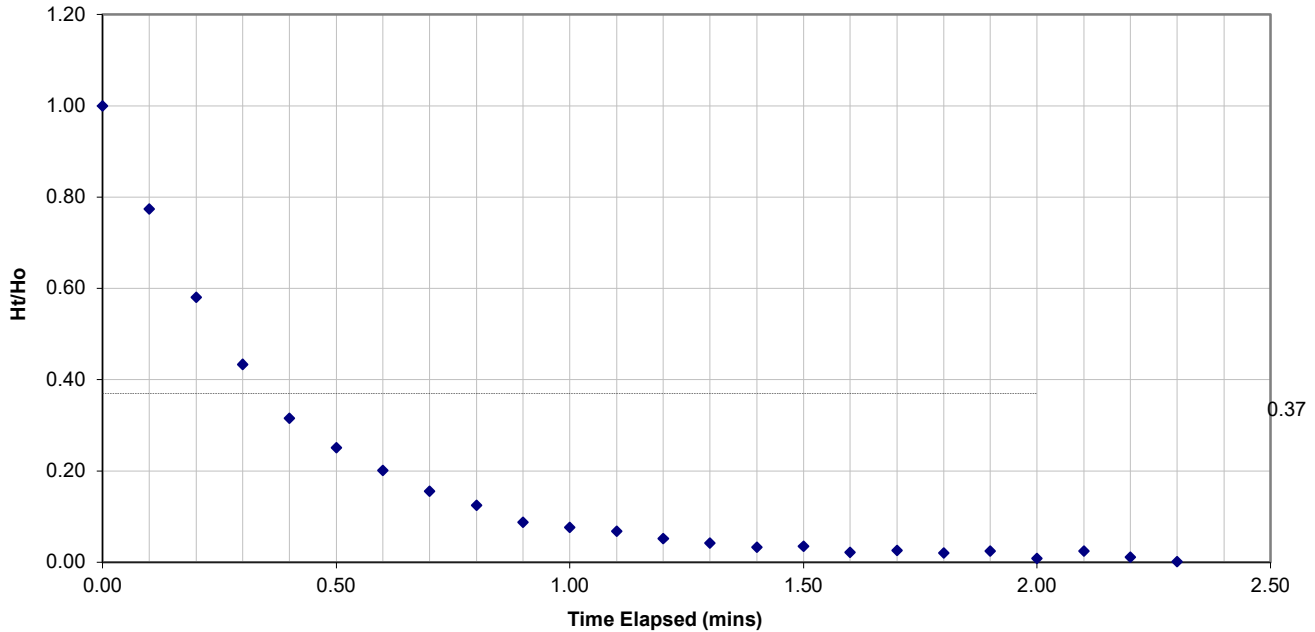


Time Elapsed (hh:mm:ss)	Depth of water below Datum (m)	Ht	Ht/Ho	Test Details (All water depths were measured below Datum)			
00:00:00	3.20	1.38	1.00	Test Type	Falling head in	Standpipe	
00:00:06	3.49	1.09	0.79	Depth of Test Section	Response Zone Top:	5.50	mbgl
00:00:12	3.78	0.80	0.58		Response Zone Base:	9.50	mbgl
00:00:18	3.98	0.60	0.44	Datum (GL. downwards +ve, upwards -ve)			
00:00:24	4.13	0.45	0.32	Depth to Standing water level		4.58	mbdl
00:00:30	4.22	0.36	0.26	Depth to Water	Start of Test	3.20	mbdl
00:00:36	4.31	0.27	0.20		End of Test	4.58	mbdl
00:00:42	4.36	0.22	0.16	Diameter of Standpipe		35	mm
00:00:48	4.41	0.17	0.12	Response Zone Length	(L) =	4.00	m
00:00:54	4.43	0.15	0.11	Borehole Diameter in Test Section	(D) =	178	mm
00:01:00	4.48	0.10	0.07	Cross Sectional Area of Standpipe	(A) =	0.00096	m ²
00:01:06	4.49	0.09	0.06	Intake Factor (BS EN ISO 22282-2:2012)	(F) =	6.604	
00:01:12	4.51	0.07	0.05	General Approach	(H1) =	1.38	(t1) = 0 Sec
00:01:18	4.51	0.07	0.05		(H2) =	0.04	(t2) = 138 Sec
00:01:24	4.51	0.07	0.05	Coefficient of Permeability using			
00:01:30	4.54	0.04	0.03	$3.73 \quad k = \frac{A}{F(t2-t1)} \log_e \frac{H1}{H2} = 3.73 \times 10^{-6} \text{ m/s}$			
00:01:36	4.55	0.03	0.02	Remarks			
00:01:42	4.57	0.01	0.01				
00:01:48	4.54	0.04	0.03				
00:01:54	4.54	0.04	0.03				
00:02:00	4.55	0.03	0.02				
00:02:06	4.55	0.03	0.02				
00:02:12	4.57	0.01	0.01				
00:02:18	4.54	0.04	0.03				
00:02:24	4.58	0.00	0.00				
				mbgl = meters below ground level mbdl = meters below datum level			
Input by	SH	Date	16.11.2023	Checked by	DC	Date	16.11.2023

VARIABLE HEAD PERMEABILITY TEST RECORD



Client: AECOM
Site: FOUNDRY CENTRAL
Job No: D30068
Borehole No: B-BH2 (Shallow)
Depth (m): 5.5 to 9.5
Test No.: 2

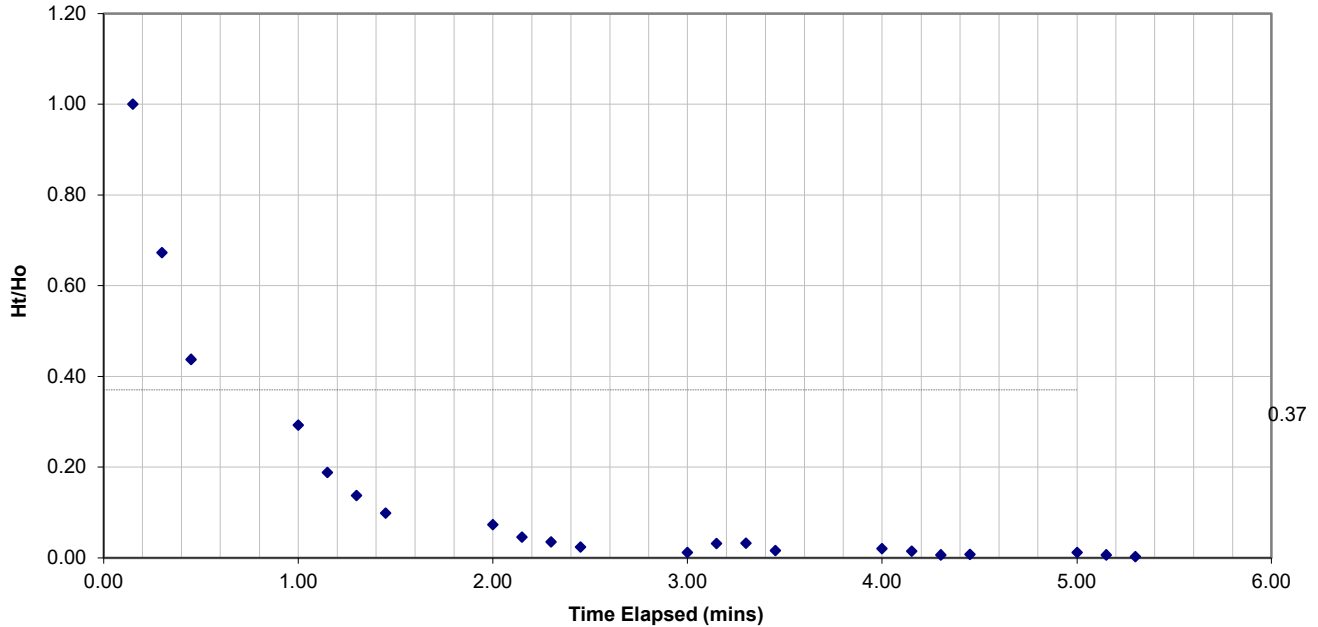


Time Elapsed (hh:mm:ss)	Depth of water below Datum (m)	Ht	Ht/Ho	Test Details (All water depths were measured below Datum)			
00:00:00	3.09	1.49	1.00	Test Type	Falling head in	Standpipe	
00:00:06	3.42	1.16	0.77	Depth of Test Section	Response Zone Top:	5.50	mbgl
00:00:12	3.71	0.87	0.58		Response Zone Base:	9.50	mbgl
00:00:18	3.93	0.65	0.43	Datum (GL. downwards +ve, upwards -ve)			
00:00:24	4.11	0.47	0.32	Depth to Standing water level		4.58	mbdl
00:00:30	4.20	0.38	0.25	Depth to Water	Start of Test	3.09	mbdl
00:00:36	4.28	0.30	0.20		End of Test	4.58	mbdl
00:00:42	4.35	0.23	0.16	Diameter of Standpipe		35	mm
00:00:48	4.39	0.19	0.12	Response Zone Length	(L) =	4.00	m
00:00:54	4.45	0.13	0.09	Borehole Diameter in Test Section	(D) =	178	mm
00:01:00	4.47	0.11	0.08	Cross Sectional Area of Standpipe	(A) =	0.00096	m ²
00:01:06	4.48	0.10	0.07	Intake Factor (BS EN ISO 22282-2:2012)	(F) =	6.604	
00:01:12	4.50	0.08	0.05	General Approach	(H1) =	1.49	(t1) = 0 Sec
00:01:18	4.52	0.06	0.04		(H2) =	0.02	(t2) = 132 Sec
00:01:24	4.53	0.05	0.03	Coefficient of Permeability using			
00:01:30	4.53	0.05	0.03	$4.94 \quad k = \frac{A}{F(t_2 - t_1)} \log_e \frac{H_1}{H_2} = 4.94 \times 10^{-6} \text{ m/s}$			
00:01:36	4.55	0.03	0.02	Remarks			
00:01:42	4.54	0.04	0.03				
00:01:48	4.55	0.03	0.02				
00:01:54	4.54	0.04	0.02				
00:02:00	4.57	0.01	0.01				
00:02:06	4.54	0.04	0.02				
00:02:12	4.56	0.02	0.01				
00:02:18	4.58	0.00	0.00				
				mbgl = meters below ground level mbdl = meters below datum level			
Input by	SH	Date	16.11.2023	Checked by	DC	Date	16.11.2023

VARIABLE HEAD PERMEABILITY TEST RECORD



Client: AECOM
Site: FOUNDRY CENTRAL
Job No: D30068
Borehole No: B-BH2 (Shallow)
Depth (m): 5.5 to 9.5
Test No.: 3

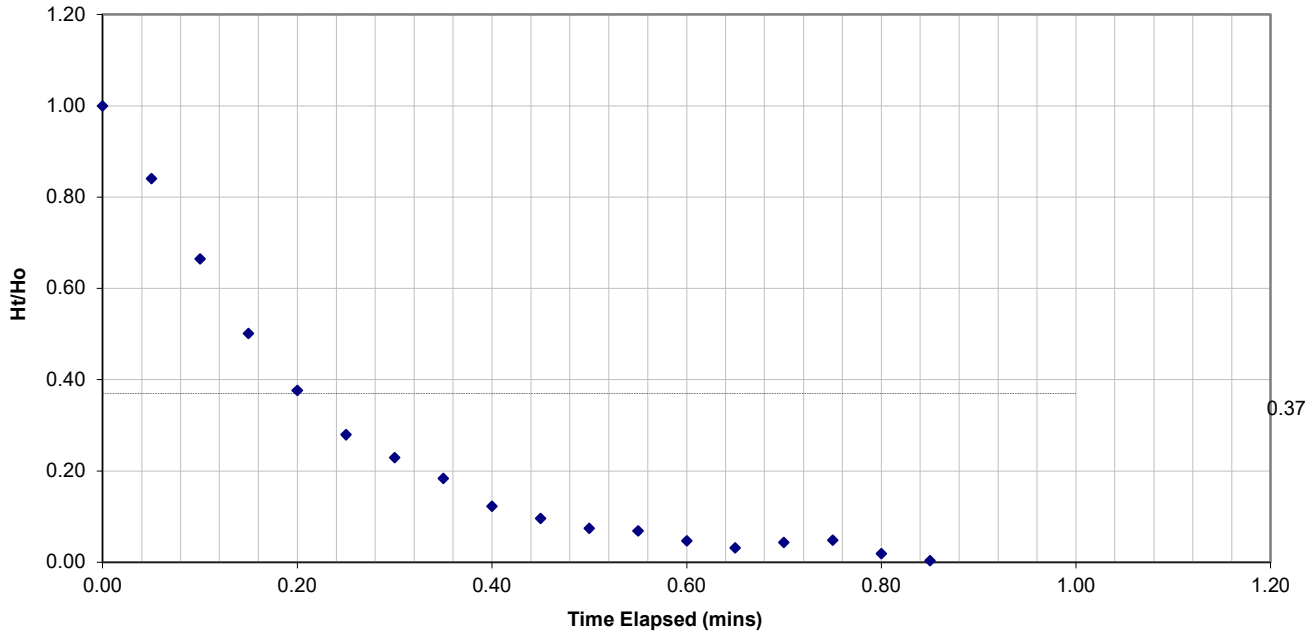


Time Elapsed (hh:mm:ss)	Depth of water below Datum (m)	Ht	Ht/Ho	Test Details (All water depths were measured below Datum)			
00:00:09	3.08	1.50	1.00	Test Type	Falling head in	Standpipe	
00:00:18	3.57	1.01	0.67	Depth of Test Section	Response Zone Top:	5.50	mbgl
00:00:27	3.92	0.66	0.44		Response Zone Base:	9.50	mbgl
00:01:00	4.14	0.44	0.29	Datum (GL. downwards +ve, upwards -ve)			
00:01:09	4.30	0.28	0.19	Depth to Standing water level		4.58	mbdl
00:01:18	4.37	0.21	0.14	Depth to Water	Start of Test	3.08	mbdl
00:01:27	4.43	0.15	0.10		End of Test	4.58	mbdl
00:02:00	4.47	0.11	0.07	Diameter of Standpipe		35	mm
00:02:09	4.51	0.07	0.05	Response Zone Length	(L) =	4.00	m
00:02:18	4.53	0.05	0.04	Borehole Diameter in Test Section	(D) =	178	mm
00:02:27	4.54	0.04	0.02	Cross Sectional Area of Standpipe	(A) =	0.00096	m ²
00:03:00	4.56	0.02	0.01	Intake Factor (BS EN ISO 22282-2:2012)	(F) =	6.604	
00:03:09	4.53	0.05	0.03	General Approach	(H1) =	1.50	(t1) = 9 Sec
00:03:18	4.53	0.05	0.03		(H2) =	0.00	(t2) = 318 Sec
00:03:27	4.56	0.02	0.02	Coefficient of Permeability using			
00:04:00	4.55	0.03	0.02	$2.81 \cdot k = \frac{A}{F(t_2 - t_1)} \log_e \frac{H_1}{H_2} = 2.81 \times 10^{-6} \text{ m/s}$			
00:04:09	4.56	0.02	0.01	Remarks			
00:04:18	4.57	0.01	0.01				
00:04:27	4.57	0.01	0.01				
00:05:00	4.56	0.02	0.01				
00:05:09	4.57	0.01	0.01				
00:05:18	4.58	0.00	0.00				
				mbgl = meters below ground level mbdl = meters below datum level			
Input by	SH	Date	16.11.2023	Checked by	DC	Date	16.11.2023

VARIABLE HEAD PERMEABILITY TEST RECORD



Client: AECOM
Site: FOUNDRY CENTRAL
Job No: D30068
Borehole No: B-BH3 (Shallow)
Depth (m): 6.5 to 10.5
Test No.: 1

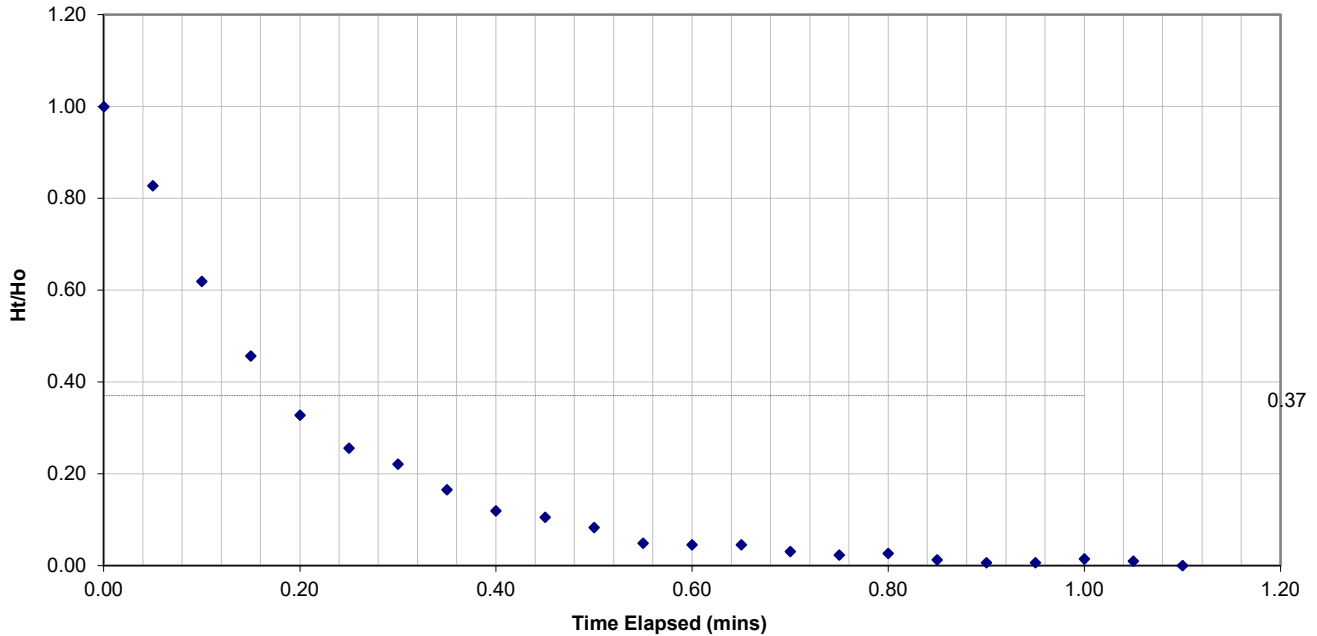


Time Elapsed (hh:mm:ss)	Depth of water below Datum (m)	Ht	Ht/Ho	Test Details (All water depths were measured below Datum)			
00:00:00	3.63	1.09	1.00	Test Type	Falling head in	Standpipe	
00:00:03	3.80	0.92	0.84	Depth of Test Section	Response Zone Top:	6.50	mbgl
00:00:06	3.99	0.73	0.66		Response Zone Base:	10.50	mbgl
00:00:09	4.17	0.55	0.50	Datum (GL. downwards +ve, upwards -ve)			
00:00:12	4.31	0.41	0.38	Depth to Standing water level		4.72	mbdl
00:00:15	4.41	0.31	0.28	Depth to Water	Start of Test	3.63	mbdl
00:00:18	4.47	0.25	0.23		End of Test	4.72	mbdl
00:00:21	4.52	0.20	0.18	Diameter of Standpipe		35	mm
00:00:24	4.59	0.13	0.12	Response Zone Length	(L) =	4.00	m
00:00:27	4.61	0.11	0.10	Borehole Diameter in Test Section	(D) =	178	mm
00:00:30	4.64	0.08	0.07	Cross Sectional Area of Standpipe	(A) =	0.00096	m ²
00:00:33	4.64	0.08	0.07	Intake Factor (BS EN ISO 22282-2:2012)	(F) =	6.604	
00:00:36	4.67	0.05	0.05	General Approach	(H1) =	1.09	(t1) = 0 Sec
00:00:39	4.69	0.03	0.03		(H2) =	0.02	(t2) = 48 Sec
00:00:42	4.67	0.05	0.04	Coefficient of Permeability using			
00:00:45	4.67	0.05	0.05	$1.20 \quad k = \frac{A}{F(t_2 - t_1)} \log_e \frac{H_1}{H_2} = 1.20 \times 10^{-5} \text{ m/s}$			
00:00:48	4.70	0.02	0.02	Remarks			
00:00:51	4.72	0.00	0.00				
				mbgl = meters below ground level mbdl = meters below datum level			
Input by	SH	Date	16.11.2023	Checked by	DC	Date	16.11.2023

VARIABLE HEAD PERMEABILITY TEST RECORD



Client: AECOM
Site: FOUNDRY CENTRAL
Job No: D30068
Borehole No: B-BH3 (Shallow)
Depth (m): 6.5 to 10.5
Test No.: 2

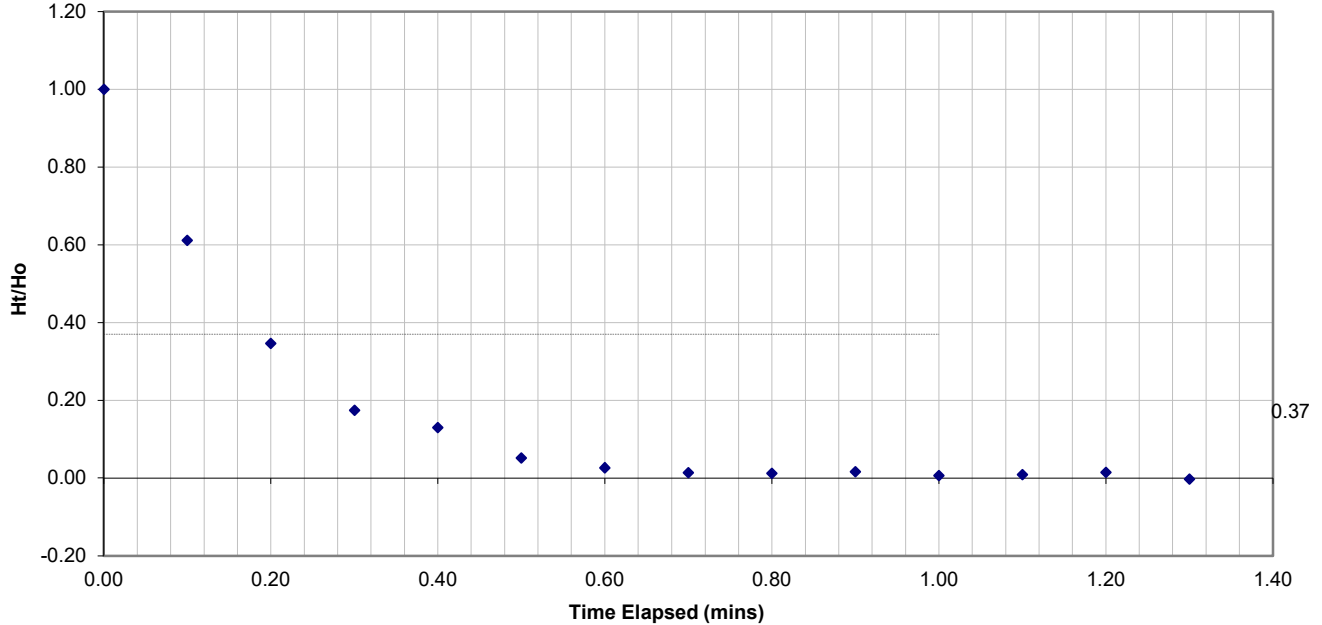


Time Elapsed (hh:mm:ss)	Depth of water below Datum (m)	Ht	Ht/Ho	Test Details (All water depths were measured below Datum)			
00:00:00	3.50	1.22	1.00	Test Type	Falling head in	Standpipe	
00:00:03	3.71	1.01	0.83	Depth of Test Section	Response Zone Top:	6.50	mbgl
00:00:06	3.97	0.75	0.62		Response Zone Base:	10.50	mbgl
00:00:09	4.16	0.56	0.46	Datum (GL. downwards +ve, upwards -ve)			
00:00:12	4.32	0.40	0.33	Depth to Standing water level		4.72	mbdl
00:00:15	4.41	0.31	0.26	Depth to Water	Start of Test	3.50	mbdl
00:00:18	4.45	0.27	0.22		End of Test	4.72	mbdl
00:00:21	4.52	0.20	0.17	Diameter of Standpipe		35	mm
00:00:24	4.57	0.15	0.12	Response Zone Length	(L) =	4.00	m
00:00:27	4.59	0.13	0.11	Borehole Diameter in Test Section	(D) =	178	mm
00:00:30	4.62	0.10	0.08	Cross Sectional Area of Standpipe	(A) =	0.00096	m ²
00:00:33	4.66	0.06	0.05	Intake Factor (BS EN ISO 22282-2:2012)	(F) =	6.604	
00:00:36	4.66	0.06	0.05	General Approach	(H1) =	1.22	(t1) = 0 Sec
00:00:39	4.67	0.05	0.05		(H2) =	0.01	(t2) = 63 Sec
00:00:42	4.68	0.04	0.03	Coefficient of Permeability using			
00:00:45	4.69	0.03	0.02	$1.06 \quad k = \frac{A}{F(t_2 - t_1)} \log_e \frac{H_1}{H_2} = 1.06 \times 10^{-5} \text{ m/s}$			
00:00:48	4.69	0.03	0.03	Remarks			
00:00:51	4.70	0.02	0.01				
00:00:54	4.71	0.01	0.01				
00:00:57	4.71	0.01	0.01				
00:01:00	4.70	0.02	0.01				
00:01:03	4.71	0.01	0.01				
00:01:06	4.72	0.00	0.00				
				mbgl = meters below ground level mbdl = meters below datum level			
Input by	SH	Date	16.11.2023	Checked by	DC	Date	16.11.2023

VARIABLE HEAD PERMEABILITY TEST RECORD



Client: AECOM
Site: FOUNDRY CENTRAL
Job No: D30068
Borehole No: B-BH3 (Shallow)
Depth (m): 6.5 to 10.5
Test No.: 3

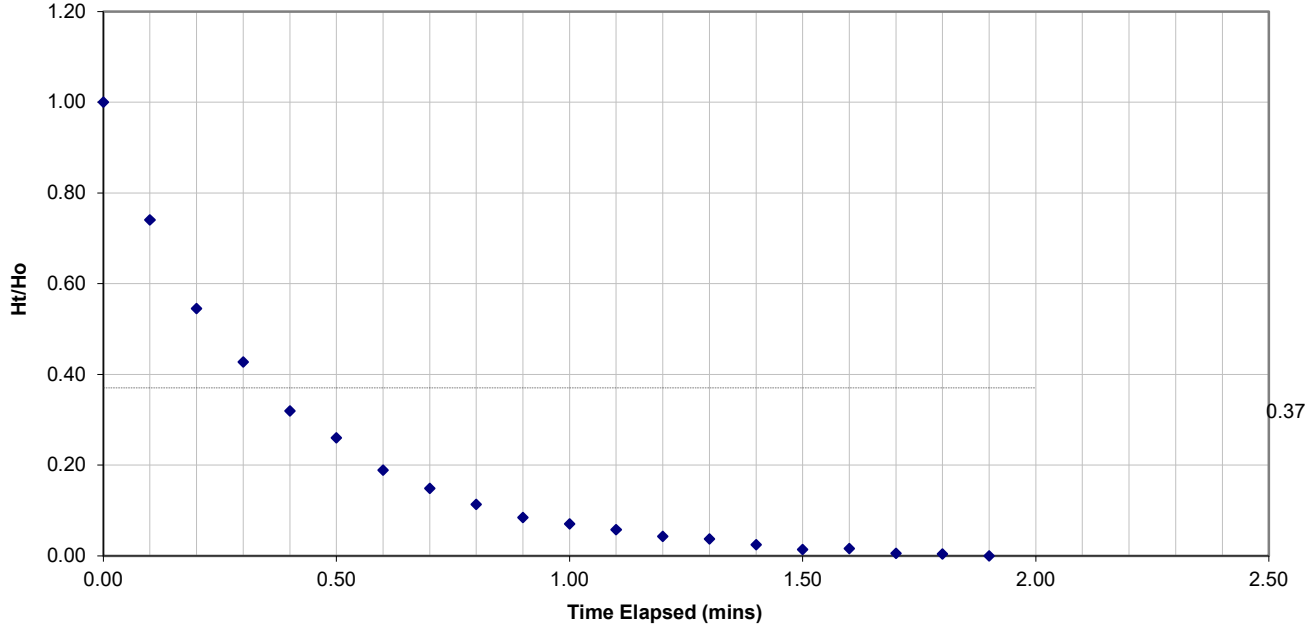


Time Elapsed (hh:mm:ss)	Depth of water below Datum (m)	Ht	Ht/Ho	Test Details (All water depths were measured below Datum)			
00:00:00	3.52	1.20	1.00	Test Type	Falling head in	Standpipe	
00:00:06	3.99	0.73	0.61	Depth of Test Section	Response Zone Top:	6.50	mbgl
00:00:12	4.31	0.41	0.35		Response Zone Base:	10.50	mbgl
00:00:18	4.51	0.21	0.17	Datum (GL. downwards +ve, upwards -ve)			m
00:00:24	4.56	0.16	0.13	Depth to Standing water level			4.72 mbdl
00:00:30	4.66	0.06	0.05	Depth to Water	Start of Test	3.52	mbdl
00:00:36	4.69	0.03	0.03		End of Test	4.72	mbdl
00:00:42	4.70	0.02	0.01	Diameter of Standpipe			35 mm
00:00:48	4.71	0.01	0.01	Response Zone Length (L) =			4.00 m
00:00:54	4.70	0.02	0.02	Borehole Diameter in Test Section (D) =			178 mm
00:01:00	4.71	0.01	0.01	Cross Sectional Area of Standpipe (A) =			0.00096 m ²
00:01:06	4.71	0.01	0.01	Intake Factor (BS EN ISO 22282-2:2012) (F) =			6.604
00:01:12	4.70	0.02	0.02	General Approach	(H1) = 1.20	(t1) = 0	Sec
00:01:18	4.72	0.00	0.00		(H2) = 0.02	(t2) = 72	Sec
<u>Coefficient of Permeability using</u>							
8.47 $k = \frac{A}{F(t_2 - t_1)} \log_e \frac{H_1}{H_2} =$ 8.47 $\times 10^{-6}$ m/s							
<u>Remarks</u>							

VARIABLE HEAD PERMEABILITY TEST RECORD



Client: AECOM
Site: FOUNDRY CENTRAL
Job No: D30068
Borehole No: B-BH30 (Shallow)
Depth (m): 5.5 to 9.5
Test No.: 1

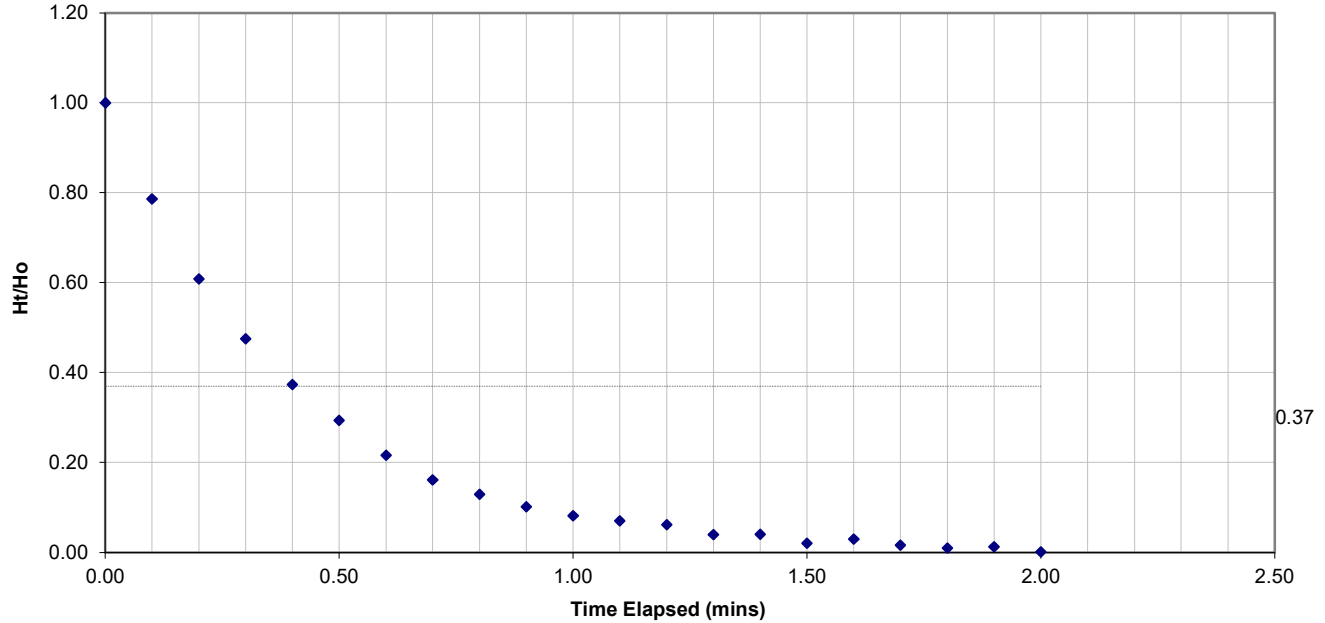


persian cat toy	Depth of water below Datum (m)	Ht	Ht/Ho	Test Details (All water depths were measured below Datum)			
00:00:00	2.66	1.36	1.00	Test Type	Falling head in	Standpipe	
00:00:06	3.02	1.00	0.74	Depth of Test Section	Response Zone Top:	5.50	mbgl
00:00:12	3.28	0.74	0.55		Response Zone Base:	9.50	mbgl
00:00:18	3.44	0.58	0.43	Datum (GL. downwards +ve, upwards -ve)			
00:00:24	3.59	0.43	0.32	Depth to Standing water level			
00:00:30	3.67	0.35	0.26	Depth to Water			
00:00:36	3.76	0.26	0.19	Start of Test			
00:00:42	3.82	0.20	0.15	End of Test			
00:00:48	3.87	0.15	0.11	Diameter of Standpipe			
00:00:54	3.90	0.12	0.09	Response Zone Length (L) =			
00:01:00	3.92	0.10	0.07	Borehole Diameter in Test Section (D) =			
00:01:06	3.94	0.08	0.06	Cross Sectional Area of Standpipe (A) =			
00:01:12	3.96	0.06	0.04	Intake Factor (BS EN ISO 22282-2:2012) (F) =			
00:01:18	3.97	0.05	0.04	General Approach (H1) = 1.36 (t1) = 0 Sec			
00:01:24	3.99	0.03	0.02	(H2) = 0.01 (t2) = 108 Sec			
00:01:30	4.00	0.02	0.01	Coefficient of Permeability using			
00:01:36	4.00	0.02	0.02	$7.94 \cdot k = \frac{A}{F(t_2 - t_1)} \log_e \frac{H_1}{H_2} = 7.94 \times 10^{-6} \text{ m/s}$			
00:01:42	4.01	0.01	0.01	Remarks			
00:01:48	4.01	0.01	0.00				
00:01:54	4.02	0.00	0.00				
				mbgl = meters below ground level mbdl = meters below datum level			
Input by	SH	Date	16.11.2023	Checked by	DC	Date	16.11.2023

VARIABLE HEAD PERMEABILITY TEST RECORD



Client: AECOM
Site: FOUNDRY CENTRAL
Job No: D30068
Borehole No: B-BH30 (Shallow)
Depth (m): 5.5 to 9.5
Test No.: 2

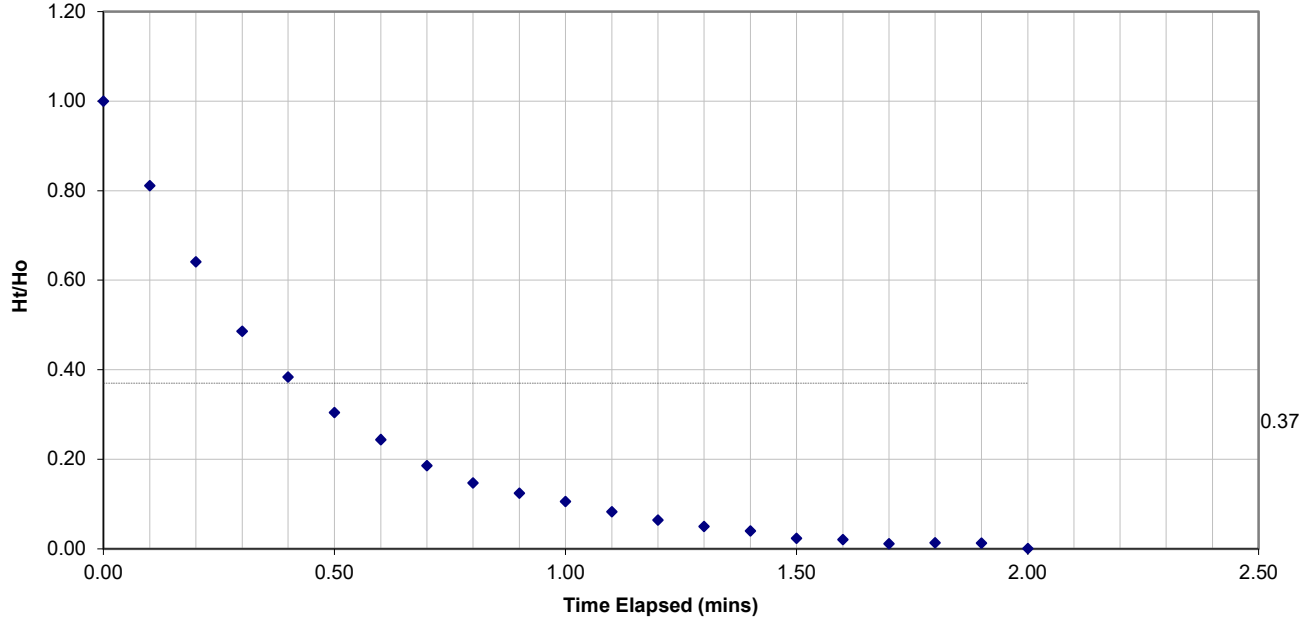


Time Elapsed (hh:mm:ss)	Depth of water below Datum (m)	Ht	Ht/Ho	Test Details (All water depths were measured below Datum)			
00:00:00	2.35	1.67	1.00	Test Type	Falling head in	Standpipe	
00:00:06	2.71	1.31	0.79	Depth of Test Section	Response Zone Top:	5.50	mbgl
00:00:12	3.01	1.01	0.61		Response Zone Base:	9.50	mbgl
00:00:18	3.23	0.79	0.47	Datum (GL. downwards +ve, upwards -ve)			
00:00:24	3.40	0.62	0.37	Depth to Standing water level			
00:00:30	3.53	0.49	0.29	Depth to Water	Start of Test	2.35	mbdl
00:00:36	3.66	0.36	0.22		End of Test	4.02	mbdl
00:00:42	3.75	0.27	0.16	Diameter of Standpipe		35	mm
00:00:48	3.80	0.22	0.13	Response Zone Length	(L) =	4.00	m
00:00:54	3.85	0.17	0.10	Borehole Diameter in Test Section	(D) =	146	mm
00:01:00	3.88	0.14	0.08	Cross Sectional Area of Standpipe	(A) =	0.00096	m ²
00:01:06	3.90	0.12	0.07	Intake Factor (BS EN ISO 22282-2:2012)	(F) =	6.277	
00:01:12	3.92	0.10	0.06	General Approach	(H1) =	1.67	(t1) = 0 Sec
00:01:18	3.95	0.07	0.04		(H2) =	0.02	(t2) = 114 Sec
00:01:24	3.95	0.07	0.04	Coefficient of Permeability using			
00:01:30	3.98	0.04	0.02	$5.81 \times 10^{-6} \text{ m/s} = \frac{A}{F(t_2 - t_1)} \log_e \frac{H_1}{H_2}$			
00:01:36	3.97	0.05	0.03	Remarks			
00:01:42	3.99	0.03	0.02				
00:01:48	4.00	0.02	0.01				
00:01:54	4.00	0.02	0.01				
00:02:00	4.02	0.00	0.00				
				mbgl = meters below ground level mbdl = meters below datum level			
Input by	SH	Date	16.11.2023	Checked by	DC	Date	16.11.2023

VARIABLE HEAD PERMEABILITY TEST RECORD



Client: AECOM
Site: FOUNDRY CENTRAL
Job No: D30068
Borehole No: B-BH30 (Shallow)
Depth (m): 5.5 to 9.5
Test No.: 3

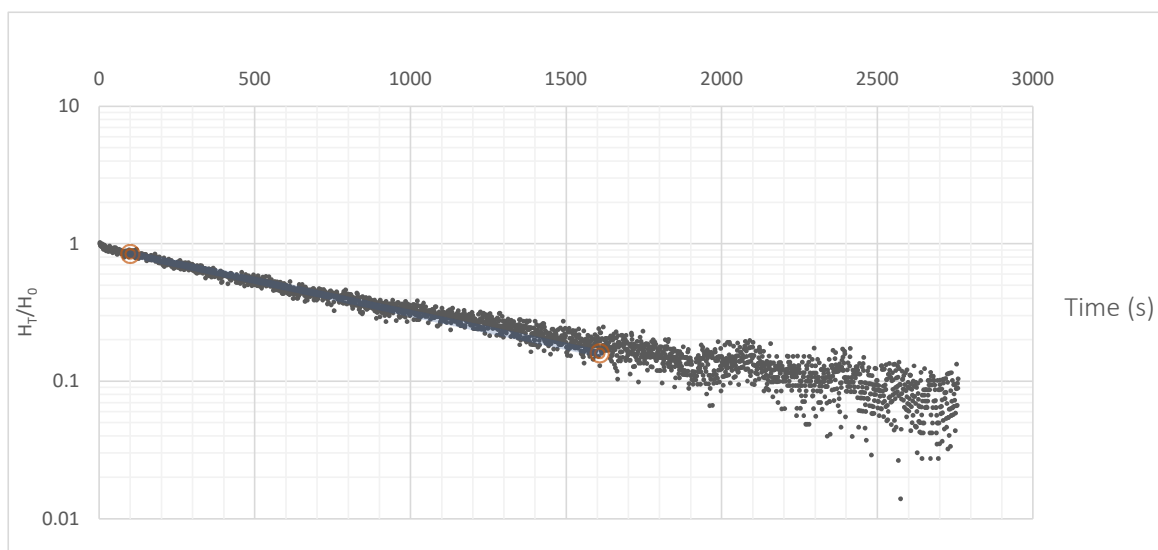


Time Elapsed (hh:mm:ss)	Depth of water below Datum (m)	Ht	Ht/Ho	Test Details (All water depths were measured below Datum)			
00:00:00	2.32	1.70	1.00	Test Type	Falling head in	Standpipe	
00:00:06	2.64	1.38	0.81	Depth of Test Section	Response Zone Top:	5.50	mbgl
00:00:12	2.93	1.09	0.64		Response Zone Base:	9.50	mbgl
00:00:18	3.19	0.83	0.49	Datum (GL. downwards +ve, upwards -ve)			
00:00:24	3.37	0.65	0.38	Depth to Standing water level		4.02	mbdl
00:00:30	3.50	0.52	0.30	Depth to Water	Start of Test	2.32	mbdl
00:00:36	3.60	0.42	0.24		End of Test	4.02	mbdl
00:00:42	3.70	0.32	0.19	Diameter of Standpipe		35	mm
00:00:48	3.77	0.25	0.15	Response Zone Length	(L) =	4.00	m
00:00:54	3.81	0.21	0.12	Borehole Diameter in Test Section	(D) =	146	mm
00:01:00	3.84	0.18	0.11	Cross Sectional Area of Standpipe	(A) =	0.00096	m ²
00:01:06	3.88	0.14	0.08	Intake Factor (BS EN ISO 22282-2:2012)	(F) =	6.277	
00:01:12	3.91	0.11	0.06	General Approach	(H1) =	1.70	(t1) = 0 Sec
00:01:18	3.93	0.09	0.05		(H2) =	0.02	(t2) = 114 Sec
00:01:24	3.95	0.07	0.04	Coefficient of Permeability using			
00:01:30	3.98	0.04	0.02	$5.83 \quad k = \frac{A}{F(t_2 - t_1)} \log_e \frac{H_1}{H_2} = 5.83 \times 10^{-6} \text{ m/s}$			
00:01:36	3.98	0.04	0.02	Remarks			
00:01:42	4.00	0.02	0.01				
00:01:48	4.00	0.02	0.01				
00:01:54	4.00	0.02	0.01				
00:02:00	4.02	0.00	0.00				
				mbgl = meters below ground level mbdl = meters below datum level			
Input by	SH	Date	16.11.2023	Checked by	DC	Date	16.11.2023



SLUG PERMEABILITY TEST RECORD

Client: AECOM
Site: Foundry Central
Job No: D30068
Borehole No: B-BH2 Deep
Depth (m): 26.5
Test No.: FHT1



Borehole Dimensions (m)

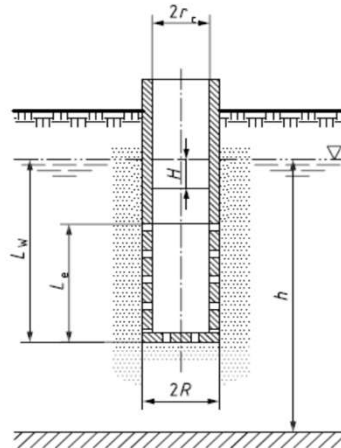
rc= 0.025 Lw= 20.43
 R= 0.073 h= 23.93
 L= 4 L/R= 54.794521

Bouwer and Rice method BS EN 22282-2-2012

$$k = \frac{r^2 \cdot \ln\left(\frac{Re}{R}\right)}{2 \cdot L} \cdot \frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right)$$

$$\ln \frac{Re}{R} = \left[\frac{1.1}{\ln(Lw/R)} + \frac{A + B \cdot \ln\left[\frac{(h - Lw)}{R}\right]}{L/R} \right]^{-1}$$

$$\frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right) = \frac{1}{(t_2 - t_1)} \cdot \ln\left(\frac{h_1}{h_2}\right)$$



A	3.2
B	0.53
C	2.9

h ₀	0.33
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	time (s)	h _t /h ₀
h ₁	100	0.8413586
h ₂	1608	0.1590472

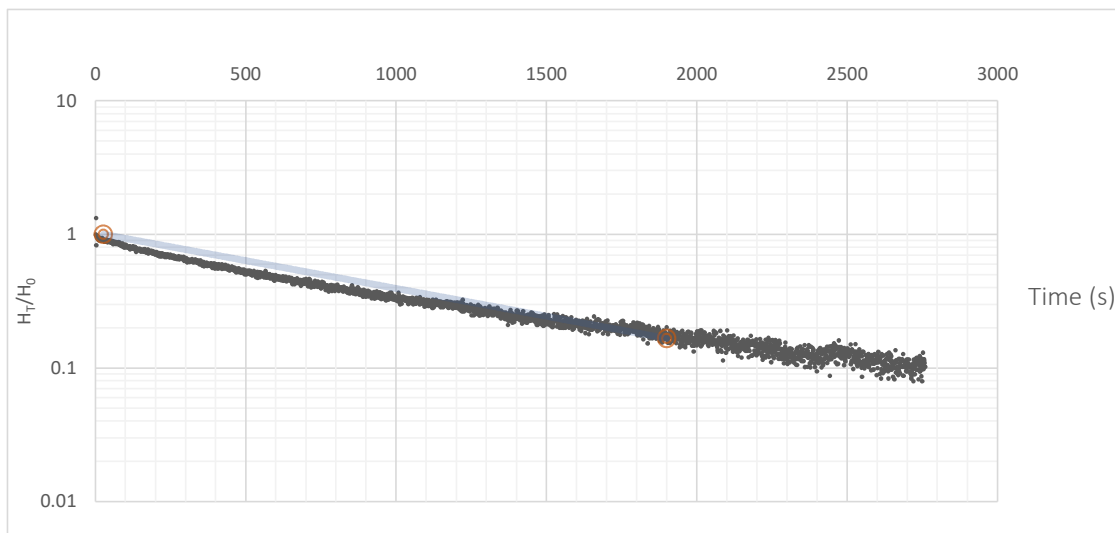
Calculated Coefficient of Permeability, k = **2.965E-07 m/s**

Input by	SH	Date	17/08/23	Checked by	KJ	Date	17/08/2023
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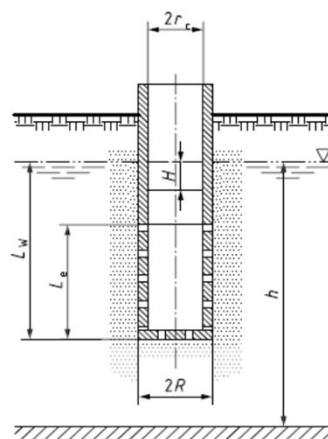
SLUG PERMEABILITY TEST RECORD

Client: AECOM
 Site: Foundry Central
 Job No: D30068
 Borehole No: B-BH2 Deep
 Depth (m): 26.5
 Test No.: FHT2



Borehole Dimensions (m)

rc= 0.025 Lw= 20.43
 R= 0.073 h= 23.93
 L= 4 L/R= 54.794521



Bouwer and Rice method BS EN 22282-2-2012

$$k = \frac{r^2 \cdot \ln(R_e/R)}{2 \cdot L} \cdot \frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right)$$

$$\ln \frac{R_e}{R} = \left[\frac{1.1}{\ln(Lw/R)} + \frac{A + B \cdot \ln[(h - Lw)/R]}{L/R} \right]^{-1}$$

A 3.2
 B 0.53
 C 2.9

h₀ 0.67

$$\frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right) = \frac{1}{(t_2 - t_1)} \cdot \ln\left(\frac{h_1}{h_2}\right)$$

	time (s)	h _t /h ₀
h ₁	27	1
h ₂	1900	0.1662697

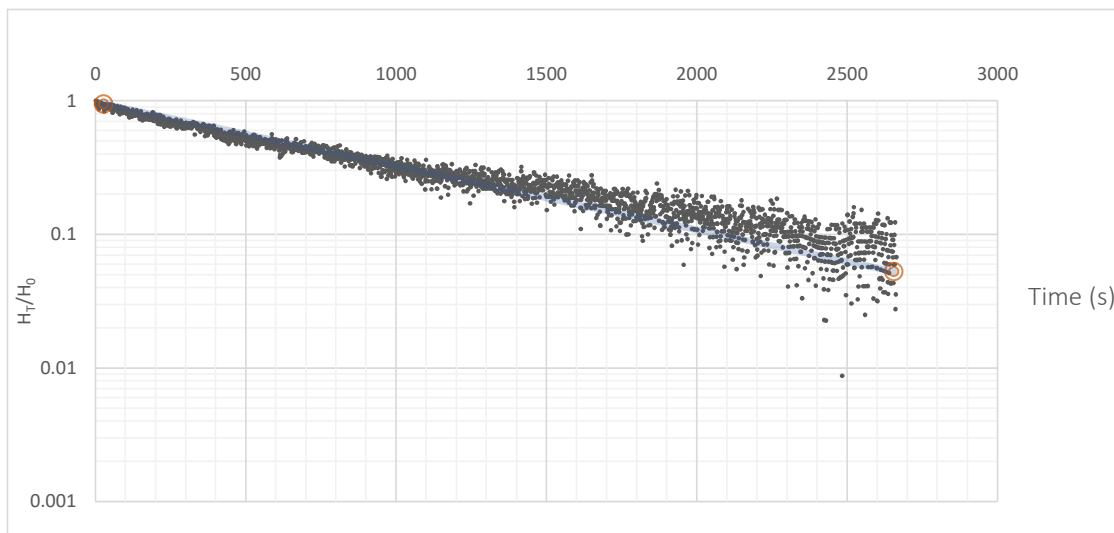
Calculated Coefficient of Permeability, k = 2.5711E-07 m/s

Input by	SH	Date	17/08/23	Checked by	KJ	Date	17/08/2023
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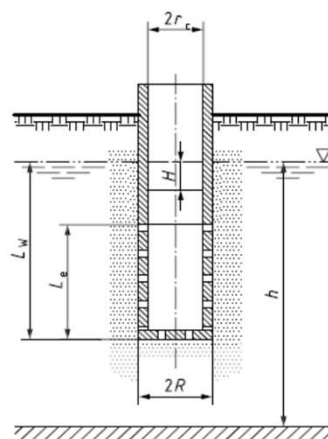
SLUG PERMEABILITY TEST RECORD

Client: AECOM
 Site: Foundry Central
 Job No: D30068
 Borehole No: B-BH2 Deep
 Depth (m): 26.5
 Test No.: RHT1



Borehole Dimensions (m)

$r_c = 0.025$ $L_w = 20.43$
 $R = 0.073$ $h = 23.93$
 $L = 4$ $L/R = 54.794521$



Bouwer and Rice method BS EN 22282-2-2012

$$k = \frac{r^2 \cdot \ln\left(\frac{Re}{R}\right) \cdot \frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right)}{2 \cdot L}$$

$$\ln \frac{Re}{R} = \left[\frac{1.1}{\ln(Lw/R)} + \frac{A + B \cdot \ln\left[\frac{(h - Lw)/R}{L/R}\right]}{L/R} \right]^{-1}$$

A 3.2
 B 0.53
 C 2.9

$h_0 = -0.30$

$$\frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right) = \frac{1}{(t_2 - t_1)} \cdot \ln\left(\frac{h_1}{h_2}\right)$$

	time (s)	h_t/h_0
h_1	28	0.9442752
h_2	2655	0.0526792

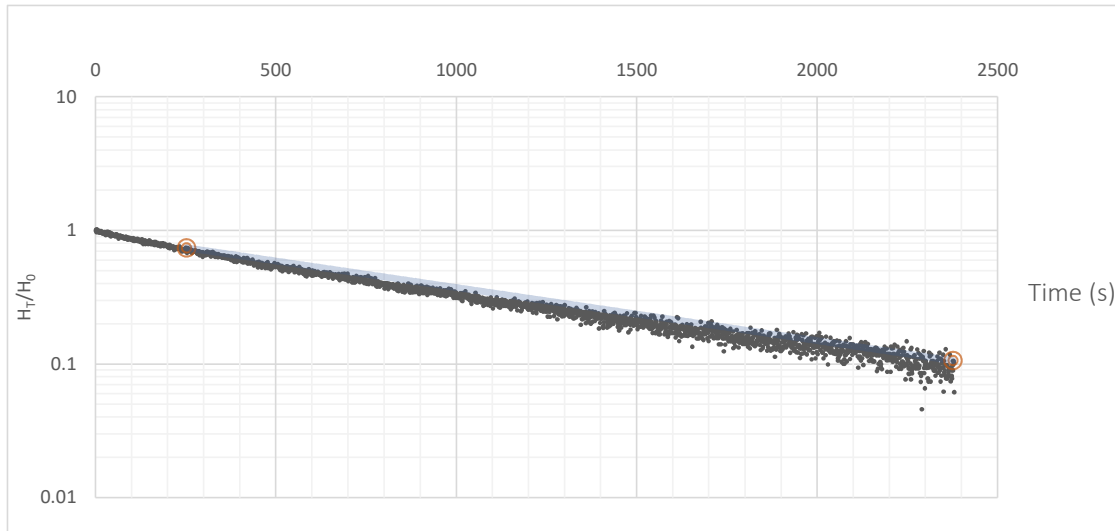
Calculated Coefficient of Permeability, $k = 2.94893E-07$ m/s

Input by	SH	Date	27.11.2023	Checked by	KJ	Date	27.11.2023
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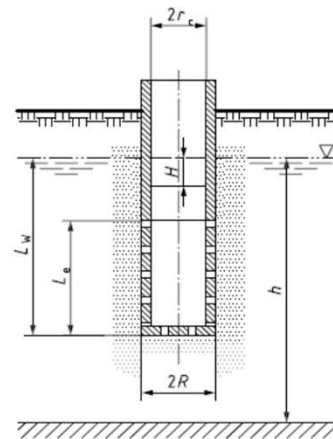
SLUG PERMEABILITY TEST RECORD

Client: AECOM
 Site: Foundry Central
 Job No: D30068
 Borehole No: B-BH2 Deep
 Depth (m): 26.5
 Test No.: RHT2



Borehole Dimensions (m)

rc= 0.025 Lw= 20.43
 R= 0.073 h= 23.93
 L= 4 L/R= 54.794521



Bouwer and Rice method BS EN 22282-2-2012

$$k = \frac{r^2 \cdot \ln\left(\frac{Re}{R}\right) \cdot \frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right)}{2 \cdot L}$$

$$\ln \frac{Re}{R} = \left[\frac{1.1}{\ln(Lw/R)} + \frac{A + B \cdot \ln\left[\frac{(h - Lw)}{R}\right]}{L/R} \right]^{-1}$$

A 3.2
 B 0.53
 C 2.9

h₀ -0.61

$$\frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right) = \frac{1}{(t_2 - t_1)} \cdot \ln\left(\frac{h_1}{h_2}\right)$$

	time (s)	h _t /h ₀
h ₁	253	0.7395571
h ₂	2377	0.1058003

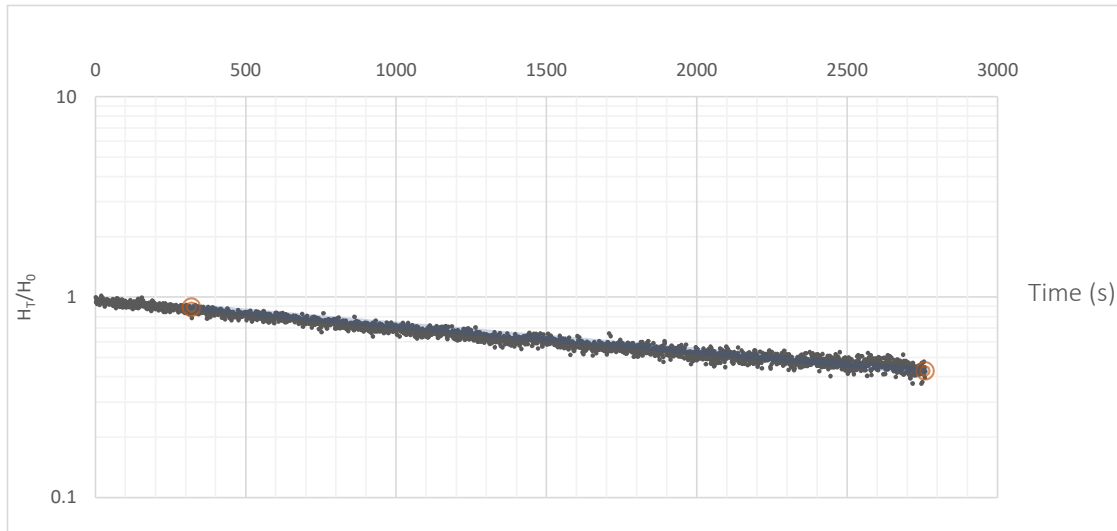
Calculated Coefficient of Permeability, k = 2.45726E-07 m/s

Input by	SH	Date	27.11.2023	Checked by	KJ	Date	27.11.2023
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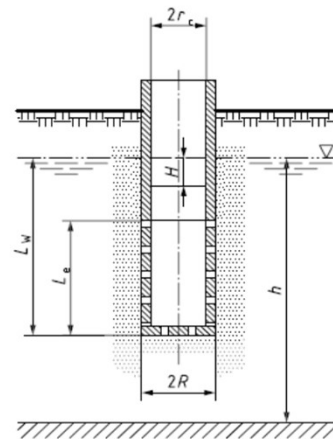
SLUG PERMEABILITY TEST RECORD

Client: AECOM
 Site: Foundry Central
 Job No: D30068
 Borehole No: B-BH3 Deep
 Depth (m): 25.5
 Test No.: FHT1



Borehole Dimensions (m)

$r_c = 0.025$ $L_w = 19.76$
 $R = 0.073$ $h = 24.26$
 $L = 4$ $L/R = 54.794521$



Bouwer and Rice method BS EN 2282-2-2012

$$k = \frac{r^2 \cdot \ln(R_e/R)}{2 \cdot L} \cdot \frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right)$$

$$\ln \frac{R_e}{R} = \left[\frac{1.1}{\ln(L_w/R)} + \frac{A + B \cdot \ln[(h - L_w)/R]}{L/R} \right]^{-1}$$

A 3.2
 B 0.53
 C 2.9

h_0 0.34

$$\frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right) = \frac{1}{(t_2 - t_1)} \cdot \ln\left(\frac{h_1}{h_2}\right)$$

	time (s)	h_t/h_0
h_1	320	0.8899425
h_2	2759	0.4284196

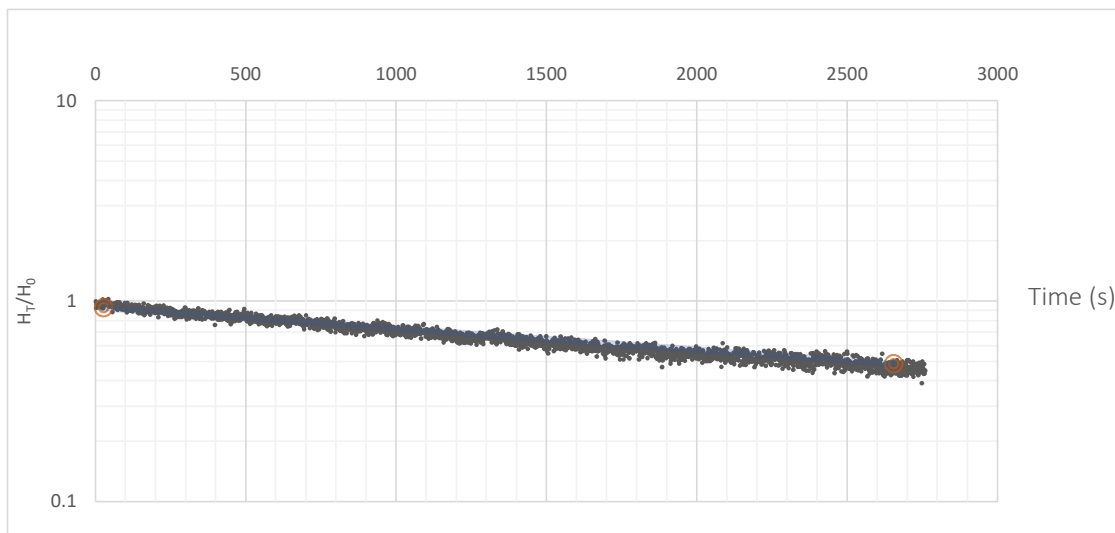
Calculated Coefficient of Permeability, k = **7.94708E-08 m/s**

Input by	SH	Date	17/08/23	Checked by	KJ	Date	17/08/2023
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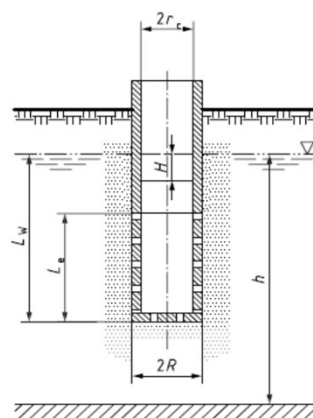
SLUG PERMEABILITY TEST RECORD

Client: AECOM
 Site: Foundry Central
 Job No: D30068
 Borehole No: B-BH3 Deep
 Depth (m): 25.5
 Test No.: RHT1



Borehole Dimensions (m)

rc= 0.025 Lw= 19.76
 R= 0.073 h= 24.26
 L= 4 L/R= 54.794521



Bouwer and Rice method BS EN 22282-2-2012

$$k = \frac{r^2 \cdot \ln\left(\frac{Re}{R}\right) \cdot \frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right)}{2 \cdot L}$$

$$\ln \frac{Re}{R} = \left[\frac{1.1}{\ln(Lw/R)} + \frac{A + B \cdot \ln\left[\frac{(h - Lw)}{R}\right]}{L/R} \right]^{-1}$$

A 3.2
 B 0.53
 C 2.9

h₀ -0.33

$$\frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right) = \frac{1}{(t_2 - t_1)} \cdot \ln\left(\frac{h_1}{h_2}\right)$$

	time (s)	h _t /h ₀
h ₁	28	0.9259106
h ₂	2655	0.4871958

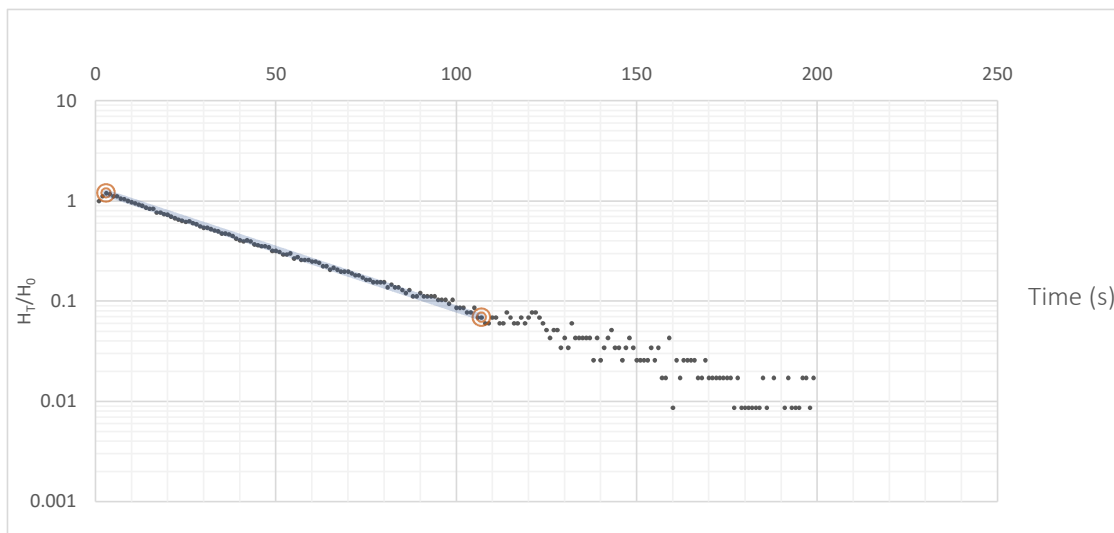
Calculated Coefficient of Permeability, k = 6.48068E-08 m/s

Input by	SH	Date	27.11.2023	Checked by	KJ	Date	27.11.2023
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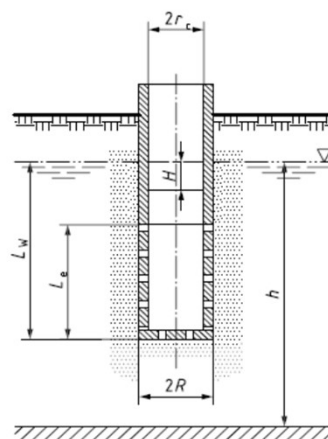
SLUG PERMEABILITY TEST RECORD

Client: AECOM
 Site: Foundry Central
 Job No: D30068
 Borehole No: B-BH30 Deep
 Depth (m): 38.5
 Test No.: FHT1



Borehole Dimensions (m)

$r_c = 0.025$ $L_w = 34.48$
 $R = 0.097$ $h = 35.98$
 $L = 4$ $L/R = 41.237113$



Bouwer and Rice method BS EN 22282-2-2012

$$k = \frac{r_c^2 \cdot \ln(R/r_c) \cdot \frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right)}{2 \cdot L \cdot \left[\frac{1.1}{\ln(L_w/R)} + \frac{A + B \cdot \ln\left[\frac{(h - L_w)/R}{L/R}\right]}{L/R} \right]^{-1}}$$

A 2.9
 B 0.48
 C 2.5

h_0 1.16

$$\frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right) = \frac{1}{(t_2 - t_1)} \cdot \ln\left(\frac{h_1}{h_2}\right)$$

	time (s)	h_t/h_0
h_1	3	1.1982759
h_2	107	0.0689655

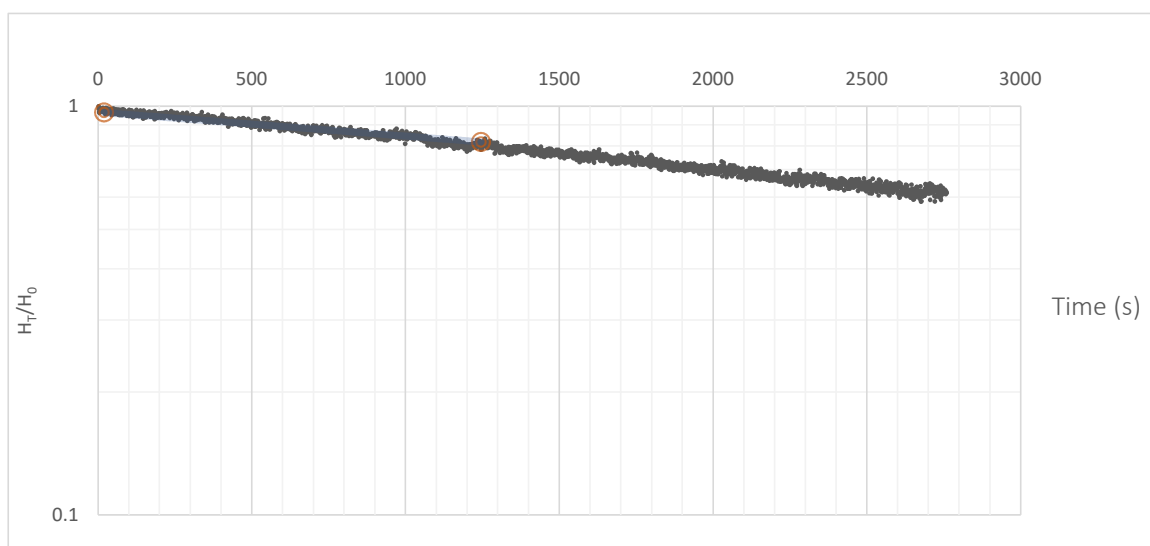
Calculated Coefficient of Permeability, k = 7.40868E-06 m/s

Input by	SH	Date	17/08/23	Checked by	KJ	Date	17/08/2023
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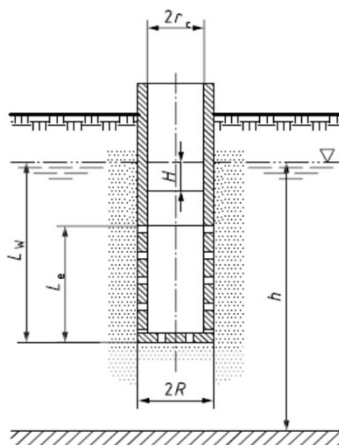
SLUG PERMEABILITY TEST RECORD

Client: AECOM
 Site: Foundry Central
 Job No: D30068
 Borehole No: B-BH30 Deep
 Depth (m): 40
 Test No.: FHT1



Borehole Dimensions (m)

rc= 0.025 Lw= 34.36
 R= 0.097 h= 35.86
 L= 4 L/R= 41.237113



Bouwer and Rice method BS EN 22282-2-2012

$$k = \frac{r^2 \cdot \ln\left(\frac{R_e}{R}\right)}{2 \cdot L} \cdot \frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right)$$

$$\ln\left(\frac{R_e}{R}\right) = \left[\frac{1.1}{\ln(L_w/R)} + \frac{A + B \cdot \ln\left[\frac{(h - L_w)/R}{L/R}\right]}{L/R} \right]^{-1}$$

A	2.8
B	0.45
C	2.3

h_0	0.35
-------	------

$$\frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right) = \frac{1}{(t_2 - t_1)} \cdot \ln\left(\frac{h_1}{h_2}\right)$$

	time (s)	h_t/h_0
h_1	20	0.9647895
h_2	1246	0.8179463

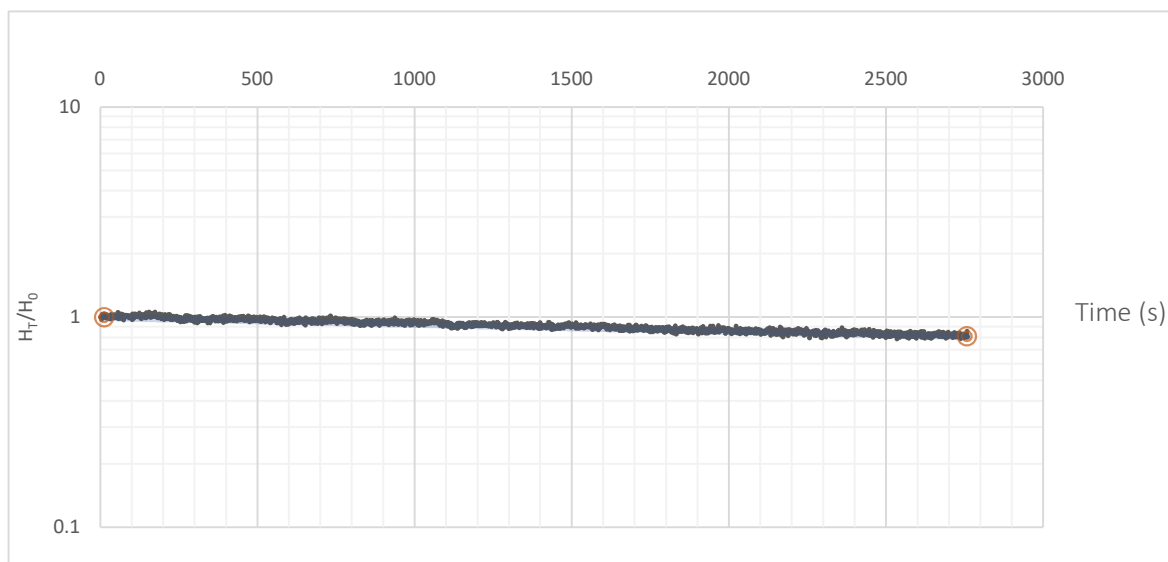
Calculated Coefficient of Permeability, k = 3.68947E-08 m/s

Input by	SH	Date	29.11.2023	Checked by	KJ	Date	29.11.2023
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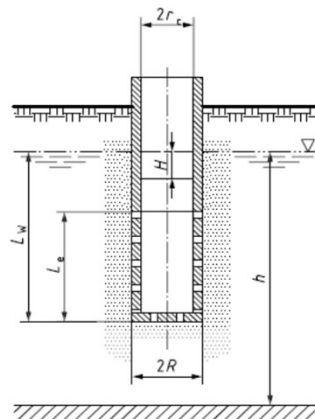
SLUG PERMEABILITY TEST RECORD

Client: AECOM
 Site: Foundry Central
 Job No: D30068
 Borehole No: B-BH30 Deep
 Depth (m): 40
 Test No.: RHT1



Borehole Dimensions (m)

rc= 0.025 Lw= 34.36
 R= 0.097 h= 35.86
 L= 4 L/R= 41.237113



Bouwer and Rice method BS EN 22282-2-2012

$$k = \frac{r^2 \cdot \ln(Re/R)}{2 \cdot L} \cdot \frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right)$$

$$\ln \frac{Re}{R} = \left[\frac{1.1}{\ln(Lw/R)} + \frac{A + B \cdot \ln[(h - Lw)/R]}{L/R} \right]^{-1}$$

A	2.8
B	0.45
C	2.3

h ₀	-0.25
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$$\frac{1}{t} \cdot \ln\left(\frac{h_0}{h_t}\right) = \frac{1}{(t_2 - t_1)} \cdot \ln\left(\frac{h_1}{h_2}\right)$$

	time (s)	h _t /h ₀
h ₁	13	0.9963495
h ₂	2758	0.8085272

Calculated Coefficient of Permeability, k = **2.08465E-08 m/s**

Input by	SH	Date	29.11.2023	Checked by	KJ	Date	29.11.2023
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Appendix G

Foundry Central East Data



Matrix Description		MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C
Location Code		B-BH2	B-BH8	B-BH8	B-BH11	B-BH11	B-BH13	B-TP10	B-TP15	B-TP15	B-TP16
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-23244	23-17193	23-17193	23-21436	23-21436	23-21901	23-20261	23-19422	23-19422	23-18900
Date		26 Sep 2023	11 Jul 2023	11 Jul 2023	31 Aug 2023	31 Aug 2023	07 Sep 2023	16 Aug 2023	08 Aug 2023	08 Aug 2023	03 Aug 2023
Depth		3.7	5.1	5.1	3.35	3.75	1.35	3.7	3	3	2.5
	Unit										
Metals											
Aluminium	mg/kg	9,800	5,100	---	---	9,600	---	9,900	4,400	---	25,000
Antimony	mg/kg	1.2	2.1	---	---	1.4	---	1.1	<1	---	<1
Arsenic	mg/kg	8.1	25	---	---	10	---	21	3.1	---	6.8
Barium	mg/kg	100	110	---	---	310	---	130	77	---	310
Beryllium	mg/kg	0.6	0.5	---	---	0.9	---	1.1	0.4	---	2.9
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron (filtered)	mg/kg	1.7	2.4	---	---	1.3	---	2.5	3.8	---	5.5
Cadmium	mg/kg	0.3	0.9	---	---	0.5	---	0.5	<0.1	---	0.3
Calcium	mg/kg	93,000	28,000	---	---	37,000	---	44,000	27,000	---	82,000
Chromium (hexavalent)	mg/kg	<1	<1	---	---	<1	---	<1	<1	---	<1
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	38	37	---	---	30	---	31	36	---	42
Chromium (Trivalent)	mg/kg	38	37	---	---	31	---	31	36	---	42
Copper	mg/kg	21	57	---	---	31	---	69	6.1	---	11
Iron	mg/kg	28,000	20,000	---	---	31,000	---	19,000	7,900	---	15,000
Lead	mg/kg	27	170	---	---	54	---	48	12	---	25
Magnesium	mg/kg	21,000	4,800	---	---	6,700	---	11,000	5,400	---	15,000
Manganese	mg/kg	1,200	620	---	---	850	---	610	900	---	2,400
Mercury	mg/kg	<0.05	1.1	---	---	0.09	---	0.51	<0.05	---	<0.05
Molybdenum	mg/kg	1.1	4.9	---	---	0.7	---	1.2	0.7	---	0.9
Nickel	mg/kg	18	12	---	---	24	---	16	4.1	---	6.2
Potassium	mg/kg	1,400	790	---	---	1,700	---	1,700	440	---	1,800
Selenium	mg/kg	<0.5	<0.5	---	---	<0.5	---	0.6	0.7	---	1.8
Silicon	mg/kg	---	---	---	---	150,000	---	---	---	---	---
Sodium	mg/kg	970	230	---	---	340	---	420	190	---	650
Tin	mg/kg	<1	13	---	---	<1	---	2.3	<1	---	<1
Titanium	mg/kg	690	170	---	---	180	---	260	130	---	450
Vanadium	mg/kg	93	68	---	---	47	---	47	67	---	130
Zinc	mg/kg	110	310	---	---	180	---	150	40	---	110
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	2.8	12	---	---	3.8	---	5.2	0.92	---	2.4
Nitrite (as N)	mg/kg	<0.5	<0.5	---	---	<0.5	---	<0.5	<0.5	---	<0.5
Chloride	mg/kg	34.2	48	---	---	8.8	---	12.7	17.3	---	18.6
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	<0.1	<0.1	---	---	<0.1	---	<0.1	<0.1	---	<0.1
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	<0.1	0.2	---	---	<0.1	---	0.2	0.3	---	1.5
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	<0.2	<0.2	---	---	<0.2	---	0.2	0.3	---	1.5
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	9.4	6	---	---	2.3	---	1.8	4.2	---	7.7
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	5.9	<1	---	---	2.6	---	1.3	<1	---	<1
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	2,100	1,700	---	---	1,800	---	2,500	7,500	---	18,000
Sulphate (2:1 Water Soluble) as SO4	mg/L	410	200	---	---	250	---	1,500	990	---	1,800
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	8.3	---	---	---	---	---	11.3	---	11.2
Sulphur as S	%	0.12	0.23	0.0028	---	0.12	---	0.4	0.09	<0.000075	0.36
Sulphur (free)	mg/kg	<0.75	28	---	---	<0.75	---	5.2	---	---	---
Sulphide	mg/kg	230	230	---	---	63	---	20	82	---	170
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	0.17	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	2.8	<0.6	---	---	1.5	---	<0.6	51	---	19
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	<0.20	0.63	---	---	<0.20	---	<0.20	<0.20	---	<0.20
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	<0.1	0.32	---	---	<0.1	---	<0.1	<0.1	---	<0.1
Fluoride	mg/kg	2	5.9	---	---	10	---	6	8.1	---	12
Other											
Organic Matter	%	0.5	6.5	---	---	0.4	---	3.6	6.3	---	2
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	7.7	29	---	---	19	---	22	10	---	12
TPH CWG											
>C5-C6 Aliphatics	mg/kg	---	0.29	---	---	<0.01	---	<0.01	---	---	---
>C6-C8 Aliphatics	mg/kg	---	<0.01	---	---	<0.01	---	<0.01	---	---	---
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C
Location Code		B-BH2	B-BH8	B-BH8	B-BH11	B-BH11	B-BH13	B-TP10	B-TP15	B-TP15	B-TP16
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-23244	23-17193	23-17193	23-21436	23-21436	23-21901	23-20261	23-19422	23-19422	23-18900
Date		26 Sep 2023	11 Jul 2023	11 Jul 2023	31 Aug 2023	31 Aug 2023	07 Sep 2023	16 Aug 2023	08 Aug 2023	08 Aug 2023	03 Aug 2023
Depth		3.7	5.1	5.1	3.35	3.75	1.35	3.7	3	3	2.5
	Unit										
>C8-C10 Aliphatics	mg/kg	---	<0.01	---	---	<0.01	---	<0.01	---	---	---
>C10-C44 Aliphatics	mg/kg	---	<10	---	---	<10	---	<10	---	---	---
>C10-C12 Aliphatics	mg/kg	---	<1.5	---	---	<1.5	---	<1.5	---	---	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	<1.2	---	---	<1.2	---	<1.2	---	---	---
>C16-C21 Aliphatics	mg/kg	---	2.2	---	---	<1.5	---	<1.5	---	---	---
>C16-C35 Aliphatics	mg/kg	---	5.6	---	---	<4.9	---	<4.9	---	---	---
>C21-C35 Aliphatics	mg/kg	---	<3.4	---	---	<3.4	---	<3.4	---	---	---
>C35-C44 Aliphatics	mg/kg	---	<3.4	---	---	<3.4	---	<3.4	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	<0.01	---	---	<0.01	---	<0.01	---	---	---
>EC7-EC8 Aromatics	mg/kg	---	<0.01	---	---	<0.01	---	<0.01	---	---	---
>EC10-EC44 Aromatics	mg/kg	---	<10	---	---	<10	---	<10	---	---	---
>EC8-EC10 Aromatics	mg/kg	---	<0.01	---	---	<0.01	---	<0.01	---	---	---
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	<0.9	---	---	<0.9	---	<0.9	---	---	---
>EC12-EC16 Aromatics	mg/kg	---	<0.5	---	---	<0.5	---	<0.5	---	---	---
>EC16-EC21 Aromatics	mg/kg	---	<0.6	---	---	<0.6	---	<0.6	---	---	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	<1.4	---	---	<1.4	---	<1.4	---	---	---
>EC35-EC44 Aromatics	mg/kg	---	<1.4	---	---	<1.4	---	<1.4	---	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	<10	---	---	<10	---	<10	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	2.49	---	---	<10	---	<10	---	---	---
TPH											
EPH >C10-40	mg/kg	<10	<10	---	---	<10	---	16	<10	---	<10
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	<0.1	0.3	---	---	<0.1	---	<0.1	<0.1	---	<0.1
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	---	<0.002	---	---	<0.002	---	<0.002	---	---	---
Toluene	mg/kg	---	<0.005	---	---	<0.005	---	<0.005	---	---	---
Ethylbenzene	mg/kg	---	<0.002	---	---	<0.002	---	<0.002	---	---	---
Xylene (m & p)	mg/kg	---	<0.002	---	---	<0.002	---	<0.002	---	---	---
Xylene (o)	mg/kg	---	<0.002	---	---	<0.002	---	<0.002	---	---	---
Xylene Total	mg/kg	---	<0.004	---	---	<0.004	---	<0.004	---	---	---
MTBE	mg/kg	---	<0.005	---	---	<0.005	---	<0.005	---	---	---
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Coronene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	<0.03	0.05	---	---	<0.03	---	0.05	<0.03	---	<0.03
Acenaphthene	mg/kg	<0.03	<0.03	---	---	<0.03	---	<0.03	<0.03	---	<0.03
Acenaphthylene	mg/kg	<0.03	<0.03	---	---	<0.03	---	<0.03	<0.03	---	<0.03
Fluoranthene	mg/kg	0.15	0.21	---	---	<0.03	---	0.05	<0.03	---	0.12
Anthracene	mg/kg	<0.03	0.04	---	---	<0.03	---	<0.03	<0.03	---	<0.03
Phenanthrene	mg/kg	0.09	0.16	---	---	<0.03	---	0.06	<0.03	---	0.09
Fluorene	mg/kg	<0.03	0.03	---	---	<0.03	---	<0.03	<0.03	---	<0.03
Chrysene	mg/kg	0.04	0.08	---	---	<0.03	---	<0.03	<0.03	---	0.05
Pyrene	mg/kg	0.11	0.16	---	---	<0.03	---	0.04	<0.03	---	0.1
Benzo(a)anthracene	mg/kg	0.04	0.07	---	---	<0.03	---	<0.03	<0.03	---	0.04
Benzo(b)fluoranthene	mg/kg	0.04	0.08	---	---	<0.03	---	<0.03	<0.03	---	0.04
Benzo(k)fluoranthene	mg/kg	<0.03	0.03	---	---	<0.03	---	<0.03	<0.03	---	<0.03
Benzo(b+k)fluoranthene	mg/kg	0.07	0.11	---	---	<0.06	---	<0.06	---	---	---
Benzo(a)pyrene	mg/kg	<0.03	0.06	---	---	<0.03	---	<0.03	<0.03	---	<0.03
Dibenz(a,h)anthracene	mg/kg	<0.03	<0.03	---	---	<0.03	---	<0.03	<0.03	---	<0.03
Benzo(g,h,i)perylene	mg/kg	<0.03	0.1	---	---	<0.03	---	<0.03	<0.03	---	<0.03
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.03	0.06	---	---	<0.03	---	<0.03	<0.03	---	<0.03
PAH 16 Total	mg/kg	0.46	1.1	---	---	<0.1	---	0.2	<0.1	---	0.44
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	mg/kg	<0.3	<0.3	---	---	<0.3	---	<0.3	<0.3	---	<0.3
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---	---
Xylenols	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	---	---	---	0.02	---	<0.01	---	---	---
Phenols Monohydric	mg/kg	---	<0.3	---	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C
Location Code		B-BH2	B-BH8	B-BH8	B-BH11	B-BH11	B-BH13	B-TP10	B-TP15	B-TP15	B-TP16
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-23244	23-17193	23-17193	23-21436	23-21436	23-21901	23-20261	23-19422	23-19422	23-18900
Date		26 Sep 2023	11 Jul 2023	11 Jul 2023	31 Aug 2023	31 Aug 2023	07 Sep 2023	16 Aug 2023	08 Aug 2023	08 Aug 2023	03 Aug 2023
Depth		3.7	5.1	5.1	3.35	3.75	1.35	3.7	3	3	2.5
	Unit										
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
Trihalomethanes	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	---	---
tert-Amyl methyl ether	mg/kg	---	<0.005	---	---	<0.005	---	<0.005	---	---	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichlorobenzene (total)	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC											
1,4-dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzyl alcohol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	<0.01	---	<0.01	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	<0.01	---	<0.01	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	<0.01	---	0.03	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,6-dichlorophenol	mg/kg	---	---	---	---	<0.01	---	<0.01	---	---	---
2,6-Dimethylphenol	mg/kg	---	---	---	---	<0.01	---	<0.01	---	---	---



Matrix Description		MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C
Location Code		B-BH2	B-BH8	B-BH8	B-BH11	B-BH11	B-BH13	B-TP10	B-TP15	B-TP15	B-TP16
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-23244	23-17193	23-17193	23-21436	23-21436	23-21901	23-20261	23-19422	23-19422	23-18900
Date		26 Sep 2023	11 Jul 2023	11 Jul 2023	31 Aug 2023	31 Aug 2023	07 Sep 2023	16 Aug 2023	08 Aug 2023	08 Aug 2023	03 Aug 2023
Depth		3.7	5.1	5.1	3.35	3.75	1.35	3.7	3	3	2.5
	Unit										
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	<0.01	---	<0.01	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	0.02	---	<0.01	---	---	---
Aniline	mg/kg	---	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Diphenylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	0.13	0.27	---	---	<0.12	---	<0.12	---	---	---
Pesticides											
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C
Location Code		B-BH2	B-BH8	B-BH8	B-BH11	B-BH11	B-BH13	B-TP10	B-TP15	B-TP15	B-TP16
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-23244	23-17193	23-17193	23-21436	23-21436	23-21901	23-20261	23-19422	23-19422	23-18900
Date		26 Sep 2023	11 Jul 2023	11 Jul 2023	31 Aug 2023	31 Aug 2023	07 Sep 2023	16 Aug 2023	08 Aug 2023	08 Aug 2023	03 Aug 2023
Depth		3.7	5.1	5.1	3.35	3.75	1.35	3.7	3	3	2.5
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	11.1	8.3	---	---	9	---	9	---	---	---



Matrix Description		MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-G	MG-G
Location Code		B-TP16	B-TP17	FOU_AUK_TP141	FOU_AUK_TP142	FOU_AUK_TP142	FOU_AUK_TP144	FOU_AUK_TP144	S1-TPE35	B-BH1	B-BH5
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-18900	23-19884	705777	704774	704774	704774	704774		23-24808	23-24354
Date		03 Aug 2023	15 Aug 2023	05 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023		11 Oct 2023	03 Oct 2023
Depth		2.5	4	0.5	4	4	0.5	0.5	2	0.2	5.2
	Unit										
Metals											
Aluminium	mg/kg	---	13,000	21,200	---	---	19,700	---	---	---	3,900
Antimony	mg/kg	---	2.4	<0.6	---	---	<0.6	---	---	---	3.2
Arsenic	mg/kg	---	22	8.28	---	---	8.78	---	6.8	---	13
Barium	mg/kg	---	170	224	---	---	181	---	---	---	64
Beryllium	mg/kg	---	1.3	---	---	---	---	---	---	---	0.3
Boron	mg/kg	---	---	1.08	---	---	<1	---	---	---	---
Boron (filtered)	mg/kg	---	2.2	---	---	---	---	---	---	---	2.2
Cadmium	mg/kg	---	0.4	<0.02	---	---	0.0727	---	---	---	0.6
Calcium	mg/kg	---	67,000	31,000	---	---	19,400	---	---	---	68,000
Chromium (hexavalent)	mg/kg	---	<1	---	---	---	---	---	---	---	<1
Chromium (hexavalent) (filtered)	mg/kg	---	---	<0.6	<0.6	---	<0.6	---	---	---	---
Chromium	mg/kg	---	130	27.7	---	---	29	---	46	---	120
Chromium (Trivalent)	mg/kg	---	130	---	---	---	---	---	46	---	120
Copper	mg/kg	---	56	18.9	---	---	25.4	---	---	---	210
Iron	mg/kg	---	40,000	30,100	---	---	34,200	---	---	---	23,000
Lead	mg/kg	---	36	18	---	---	63.9	---	30	---	160
Magnesium	mg/kg	---	13,000	13,200	---	---	9,760	---	---	---	10,000
Manganese	mg/kg	---	3,200	563	---	---	704	---	---	---	1,600
Mercury	mg/kg	---	0.25	<0.1	---	---	<0.1	---	---	---	1.6
Molybdenum	mg/kg	---	1.3	0.482	---	---	0.459	---	---	---	1.7
Nickel	mg/kg	---	17	36.8	---	---	40.2	---	---	---	12
Potassium	mg/kg	---	3,000	4,830	---	---	3,300	---	---	---	690
Selenium	mg/kg	---	2.3	<1	---	---	<1	---	---	---	1
Silicon	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium	mg/kg	---	520	309	---	---	259	---	---	---	350
Tin	mg/kg	---	1.4	---	---	---	---	---	---	---	6
Titanium	mg/kg	---	520	---	---	---	---	---	---	---	330
Vanadium	mg/kg	---	380	44.8	---	---	49.5	---	---	---	160
Zinc	mg/kg	---	140	69.3	---	---	129	---	---	---	200
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	---	1.8	<12	<12	---	17.5	---	---	---	1.5
Nitrite (as N)	mg/kg	---	<0.5	---	---	---	---	---	---	---	<0.5
Chloride	mg/kg	---	29	---	---	---	---	---	---	---	5
Chloride (filtered)	mg/kg	---	---	30.4	---	---	40.9	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	7.74	---	---	1.03	---	---	---	---
Cyanide (Free)	mg/kg	---	<0.1	---	---	---	---	---	---	---	<0.1
Cyanide (Free) (filtered)	mg/kg	---	---	<1	<1	---	<1	---	---	---	---
Cyanide Total	mg/kg	---	0.5	---	---	---	---	---	---	---	<0.1
Cyanide Total (filtered)	mg/kg	---	---	<1	<1	---	<1	---	---	---	---
Cyanide (Complex)	mg/kg	---	0.5	---	---	---	---	---	---	---	<0.2
Cyanide (Complex) (filtered)	mg/kg	---	---	<1	<1	---	<1	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	3.9	---	---	---	---	---	---	---	<1
Nitrate (as NO3-) (filtered)	mg/kg	---	---	7.51	---	---	<1	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	<1	---	---	---	---	---	---	---	<1
Nitrite (as NO2-) (filtered)	mg/kg	---	---	0.17	---	---	0.22	---	---	---	---
Sulphate	mg/kg	---	7,600	848	---	---	293	---	1,400	---	2,300
Sulphate (2:1 Water Soluble) as SO4	mg/L	---	1,300	---	---	---	---	---	---	---	48
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	410	---	---	63.9	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	---	8.47	9.13	---	9.02	---	---	---	---
Sulphur as S	%	0.00051	0.38	0.0283	---	---	0.00978	---	---	---	0.13
Sulphur (free)	mg/kg	---	3.1	---	---	---	---	---	---	---	14
Sulphide	mg/kg	---	120	<15	103	---	<15	---	---	---	120
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	2.2	---	---	---	---	---	---	---	0.7
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	<1	<1	---	<1	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	<0.20	---	---	---	---	---	---	---	<0.20
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	<1	---	---	<1	---	---	---	---
Orthophosphate as P	mg/kg	---	<0.1	---	---	---	---	---	---	---	<0.1
Fluoride	mg/kg	---	9.1	266	---	---	232	---	---	---	1.1
Other											
Organic Matter	%	---	2.9	---	---	---	---	---	---	---	2.2
Alkali Reserve	gNaOH/100g	---	---	0	0	---	0	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	0	0	---	0	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	---	20	16	12	---	15	---	---	---	21
TPH CWG											
>C5-C6 Aliphatics	mg/kg	---	<0.01	<0.01	0.0399	---	<0.01	---	---	---	<0.01
>C6-C8 Aliphatics	mg/kg	---	<0.01	<0.01	0.154	---	<0.01	---	---	---	<0.01
>C5-C10 Aliphatics	mg/kg	---	---	<0.05	0.522	---	<0.05	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth										
	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-G	MG-G
	B-TP16	B-TP17	FOU_AUK_TP141	FOU_AUK_TP142	FOU_AUK_TP142	FOU_AUK_TP144	FOU_AUK_TP144	S1-TPE35	B-BH1	B-BH5
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	23-18900	23-19884	705777	704774	704774	704774	704774	704774	23-24808	23-24354
	03 Aug 2023	15 Aug 2023	05 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	11 Oct 2023	03 Oct 2023
	2.5	4	0.5	4	4	0.5	0.5	2	0.2	5.2
	Unit									
>C8-C10 Aliphatics	mg/kg	---	<0.01	<0.01	0.328	---	<0.01	---	---	<0.01
>C10-C44 Aliphatics	mg/kg	---	<10	---	---	---	---	---	---	60
>C10-C12 Aliphatics	mg/kg	---	<1.5	<1	25.2	---	<1	---	---	<1.5
>C10-C40 Aliphatics	mg/kg	---	---	<5	43,000	---	140	---	---	---
>C12-C16 Aliphatics	mg/kg	---	<1.2	<1	621	---	<1	---	---	1.3
>C16-C21 Aliphatics	mg/kg	---	<1.5	<1	6,400	---	20.9	---	---	9.1
>C16-C35 Aliphatics	mg/kg	---	<4.9	---	---	---	---	---	---	49.1
>C21-C35 Aliphatics	mg/kg	---	<3.4	<1	23,600	---	77.3	---	---	40
>C35-C44 Aliphatics	mg/kg	---	<3.4	<1	12,400	---	41.2	---	---	9.4
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	<0.05	0.219	---	<0.05	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	<0.01	---	---	---	---	---	---	<0.01
>EC7-EC8 Aromatics	mg/kg	---	<0.01	<0.01	<0.01	---	<0.01	---	---	<0.01
>EC10-EC44 Aromatics	mg/kg	---	<10	<5	6,240	---	32.8	---	---	54
>EC8-EC10 Aromatics	mg/kg	---	<0.01	<0.01	0.219	---	<0.01	---	---	<0.01
>EC6-EC7 Aromatics	mg/kg	---	---	<0.01	<0.01	---	<0.01	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	<0.9	<1	<10	---	<1	---	---	<0.9
>EC12-EC16 Aromatics	mg/kg	---	<0.5	<1	213	---	<1	---	---	<0.5
>EC16-EC21 Aromatics	mg/kg	---	<0.6	<1	1,610	---	3.95	---	---	4.6
>EC40-EC44 Aromatics	mg/kg	---	---	<1	<10	---	1.67	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	<1.4	1.65	4,320	---	25.9	---	---	39
>EC35-EC44 Aromatics	mg/kg	---	<1.4	<1	95.9	---	2.99	---	---	11
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	<10	<10	49,300	---	173	---	---	110
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	<10	<10	49,300	---	173	---	---	114.4
TPH										
EPH >C10-40	mg/kg	---	16	---	---	---	---	---	---	<10
GRO	mg/kg	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	<0.1	<0.02	0.741	---	<0.02	---	---	<0.1
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	<10	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---
BTEX and MTBE										
Benzene	mg/kg	---	0.003	<0.01	<0.2	---	<0.01	---	---	<0.002
Toluene	mg/kg	---	<0.005	<0.01	<0.2	---	<0.01	---	---	<0.005
Ethylbenzene	mg/kg	---	<0.002	<0.01	<0.2	---	<0.01	---	---	<0.002
Xylene (m & p)	mg/kg	---	0.005	<0.02	<0.4	---	<0.02	---	---	<0.002
Xylene (o)	mg/kg	---	<0.002	<0.02	<0.4	---	<0.02	---	---	<0.002
Xylene Total	mg/kg	---	0.007	<0.2	<4	---	<0.2	---	---	<0.004
MTBE	mg/kg	---	<0.005	<0.005	<0.1	---	<0.005	---	---	<0.005
Total BTEX	mg/kg	---	---	<0.07	<1.4	---	<0.07	---	---	---
PAH										
Coronene	mg/kg	---	---	<0.2	<2	---	<0.2	---	---	---
Naphthalene	mg/kg	---	0.06	<0.009	<0.5	1.23	<0.08	0.0407	0.03	<0.03
Acenaphthene	mg/kg	---	<0.03	<0.008	<0.5	0.808	<0.008	---	---	<0.03
Acenaphthylene	mg/kg	---	<0.03	<0.012	<0.12	---	<0.1	0.0175	---	<0.03
Fluoranthene	mg/kg	---	0.11	<0.017	2.25	4.25	0.131	0.163	---	0.03
Anthracene	mg/kg	---	0.03	<0.016	<0.5	0.452	<0.1	0.0251	---	<0.03
Phenanthrene	mg/kg	---	0.11	<0.015	3.51	5.87	<0.1	0.159	---	0.03
Fluorene	mg/kg	---	<0.03	<0.01	<0.5	1.44	<0.1	0.0142	---	<0.03
Chrysene	mg/kg	---	0.04	<0.01	2.32	1.86	<0.1	0.0843	---	<0.03
Pyrene	mg/kg	---	0.1	<0.015	3.1	5.31	<0.1	0.129	---	0.03
Benzo(a)anthracene	mg/kg	---	0.04	<0.014	0.91	1.5	<0.1	0.0883	---	<0.03
Benzo(b)fluoranthene	mg/kg	---	0.03	<0.015	1	2.71	<0.1	0.101	---	<0.03
Benzo(k)fluoranthene	mg/kg	---	<0.03	<0.014	0.919	0.873	<0.1	0.0429	---	<0.03
Benzo(b+k)fluoranthene	mg/kg	---	0.06	---	---	---	---	---	---	<0.06
Benzo(a)pyrene	mg/kg	---	<0.03	<0.015	1.09	2.63	<0.1	0.0767	<0.03	<0.03
Dibenz(a,h)anthracene	mg/kg	---	<0.03	<0.023	<0.5	0.411	<0.023	---	---	<0.03
Benzo(g,h,i)perylene	mg/kg	---	<0.03	<0.024	1.51	2.44	<0.1	0.0718	---	<0.03
Indeno(1,2,3-c,d)pyrene	mg/kg	---	<0.03	<0.018	1.2	1.93	<0.1	0.0571	---	<0.03
PAH 16 Total	mg/kg	---	0.46	<0.118	33.7	---	1.07	---	---	<0.1
PAH 17 Total	mg/kg	---	---	<0.318	33.7	---	1.07	---	---	---
Phenolics										
Total Phenols (monohydric)	mg/kg	---	0.4	---	---	---	---	---	---	<0.3
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	<0.1
Xylenols	mg/kg	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	0.03	<0.1	<0.5	---	<0.1	---	---	<0.01
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---
VOC										
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	<0.2
Styrene	mg/kg	---	---	<0.02	<0.4	---	<0.02	---	---	<0.1
cis-1,3-dichloropropene	mg/kg	---	---	<0.005	<0.1	---	<0.005	---	---	<0.1
trans-1,3-dichloropropene	mg/kg	---	---	<0.01	<0.2	---	<0.01	---	---	<0.1



Matrix Description		MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-G	MG-G
Location Code		B-TP16	B-TP17	FOU_AUK_TP141	FOU_AUK_TP142	FOU_AUK_TP142	FOU_AUK_TP144	FOU_AUK_TP144	S1-TPE35	B-BH1	B-BH5
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-18900	23-19884	705777	704774	704774	704774	704774		23-24808	23-24354
Date		03 Aug 2023	15 Aug 2023	05 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023		11 Oct 2023	03 Oct 2023
Depth		2.5	4	0.5	4	4	0.5	0.5	2	0.2	5.2
	Unit										
1,1,1,2-tetrachloroethane	mg/kg	---	---	<0.01	<0.2	---	<0.01	---	---	---	<0.1
1,1,1-trichloroethane	mg/kg	---	---	<0.005	<0.1	---	<0.005	---	---	---	<0.1
1,1,2,2-tetrachloroethane	mg/kg	---	---	<0.02	<0.4	---	<0.02	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	<0.01	<0.2	---	<0.01	---	---	---	<0.1
1,1-dichloroethane	mg/kg	---	---	<0.005	<0.1	---	<0.005	---	---	---	<0.1
1,1-dichloroethene	mg/kg	---	---	<0.005	<0.1	---	<0.005	---	---	---	<0.1
1,1-dichloropropene	mg/kg	---	---	<0.005	<0.1	---	<0.005	---	---	---	<0.1
1,2,3-trichloropropane	mg/kg	---	---	<0.02	<0.4	---	<0.02	---	---	---	<0.1
1,2,4-trimethylbenzene	mg/kg	---	---	<0.03	<0.6	---	<0.03	---	---	---	<0.1
1,2-dibromo-3-chloropropane	mg/kg	---	---	<0.02	<0.4	---	<0.02	---	---	---	<0.1
1,2-dibromoethane	mg/kg	---	---	<0.01	<0.2	---	<0.01	---	---	---	<0.1
1,2-dichloroethane	mg/kg	---	---	<0.01	<0.2	---	<0.01	---	---	---	<0.1
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	---	---	---	---	---	---	---	---	<0.2
1,2-dichloropropane	mg/kg	---	---	<0.005	<0.1	---	<0.005	---	---	---	<0.1
1,3,5-trimethylbenzene	mg/kg	---	---	<0.02	<0.4	---	<0.02	---	---	---	<0.1
1,3-dichloropropane	mg/kg	---	---	<0.01	<0.2	---	<0.01	---	---	---	<0.1
2,2-dichloropropane	mg/kg	---	---	<0.01	<0.2	---	<0.01	---	---	---	<0.1
Trihalomethanes	mg/kg	---	---	---	---	---	---	---	---	---	<0.4
2-chlorotoluene	mg/kg	---	---	<0.03	<0.6	---	<0.03	---	---	---	<0.1
4-chlorotoluene	mg/kg	---	---	<0.03	<0.6	---	<0.03	---	---	---	<0.1
Bromobenzene	mg/kg	---	---	<0.02	<0.4	---	<0.02	---	---	---	<0.1
Bromochloromethane	mg/kg	---	---	<0.02	<0.4	---	<0.02	---	---	---	<0.1
Bromodichloromethane	mg/kg	---	---	<0.02	<0.4	---	<0.02	---	---	---	<0.1
Bromoform	mg/kg	---	---	<0.02	1.09	---	<0.05	---	---	---	<0.1
Bromomethane	mg/kg	---	---	<0.01	<0.2	---	<0.01	---	---	---	---
Carbon disulfide	mg/kg	---	---	<0.01	<0.2	---	<0.01	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	<0.005	<0.1	---	<0.005	---	---	---	<0.1
Chlorodibromomethane	mg/kg	---	---	<0.02	<0.4	---	<0.02	---	---	---	<0.1
Chloroethane	mg/kg	---	---	<0.01	<0.2	---	<0.01	---	---	---	---
Chloroform	mg/kg	---	---	<0.03	<0.6	---	<0.03	---	---	---	<0.1
Chloromethane	mg/kg	---	---	<0.02	<0.4	---	<0.02	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	<0.005	<0.1	---	<0.005	---	---	---	<0.1
Dibromomethane	mg/kg	---	---	<0.01	<0.2	---	<0.01	---	---	---	<0.1
Dichlorodifluoromethane	mg/kg	---	---	<0.005	<0.1	---	<0.005	---	---	---	---
Dichloromethane	mg/kg	---	---	<0.05	<1	---	<0.05	---	---	---	---
Isopropylbenzene	mg/kg	---	---	<0.02	<0.4	---	<0.02	---	---	---	<0.1
n-butylbenzene	mg/kg	---	---	<0.03	<0.6	---	<0.03	---	---	---	<0.1
n-propylbenzene	mg/kg	---	---	<0.02	<0.4	---	<0.02	---	---	---	<0.1
p-isopropyltoluene	mg/kg	---	---	<0.02	<0.4	---	<0.02	---	---	---	<0.1
sec-butylbenzene	mg/kg	---	---	<0.01	<0.2	---	<0.01	---	---	---	<0.1
Trichloroethene	mg/kg	---	---	<0.01	<0.2	---	<0.01	---	---	---	<0.1
tert-butylbenzene	mg/kg	---	---	<0.02	<0.4	---	<0.02	---	---	---	<0.1
Tetrachloroethene	mg/kg	---	---	<0.02	<0.4	---	<0.02	---	---	---	<0.1
trans-1,2-dichloroethene	mg/kg	---	---	<0.01	<0.2	---	<0.01	---	---	---	<0.1
Trichlorofluoromethane	mg/kg	---	---	<0.005	<0.1	---	<0.005	---	---	---	---
Vinyl chloride	mg/kg	---	---	<0.005	<0.1	---	<0.005	---	---	---	<0.1
tert-Amyl methyl ether	mg/kg	---	<0.005	<0.01	<0.2	---	<0.01	---	---	---	0.005
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	---	<0.1	<2	---	<0.1	---	---	---	<0.1
1,2,4-trichlorobenzene	mg/kg	---	---	<0.07	<0.5	---	<0.07	---	---	---	<0.1
1,2-dichlorobenzene	mg/kg	---	---	<0.05	<0.5	---	<0.05	---	---	---	<0.1
1,3-dichlorobenzene	mg/kg	---	---	<0.05	<0.5	---	<0.05	---	---	---	<0.1
1,4-dichlorobenzene	mg/kg	---	---	<0.05	<0.5	---	<0.05	---	---	---	<0.1
Chlorobenzene	mg/kg	---	---	<0.02	<0.4	---	<0.02	---	---	---	<0.1
Hexachlorobutadiene	mg/kg	---	---	<0.04	<0.5	---	<0.04	---	---	---	<0.1
Trichlorobenzene (total)	mg/kg	---	---	---	---	---	---	---	---	---	<0.2
SVOC											
1,4-dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Benzyl alcohol	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
4-bromophenyl phenyl ether	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
4-nitroaniline	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
4-nitrophenol	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
1,2-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
1,3-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
2,4,5-trichlorophenol	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
2,4,6-trichlorophenol	mg/kg	---	<0.01	<0.1	<0.5	---	<0.1	---	---	---	<0.01
2,4-dichlorophenol	mg/kg	---	<0.01	<0.1	<0.5	---	<0.1	---	---	---	<0.01
2,4-dimethylphenol	mg/kg	---	0.02	<0.1	<0.5	---	<0.1	---	---	---	<0.01
2,4-dinitrotoluene	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
2,6-dichlorophenol	mg/kg	---	<0.01	---	---	---	---	---	---	---	<0.01
2,6-Dimethylphenol	mg/kg	---	<0.01	---	---	---	---	---	---	---	<0.01



Matrix Description		MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-G	MG-G
Location Code		B-TP16	B-TP17	FOU_AUK_TP141	FOU_AUK_TP142	FOU_AUK_TP142	FOU_AUK_TP144	FOU_AUK_TP144	S1-TPE35	B-BH1	B-BH5
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-18900	23-19884	705777	704774	704774	704774	704774		23-24808	23-24354
Date		03 Aug 2023	15 Aug 2023	05 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023		11 Oct 2023	03 Oct 2023
Depth		2.5	4	0.5	4	4	0.5	0.5	2	0.2	5.2
	Unit										
2,6-dinitrotoluene	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
2-chloronaphthalene	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
2-chlorophenol	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
2-methylnaphthalene	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
2-methylphenol	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
2-nitroaniline	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
2-nitrophenol	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	---
3-nitroaniline	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
4,6-Dinitro-2-methylphenol	mg/kg	---	---	<0.01	---	---	---	---	---	---	<0.1
4-chloro-3-methylphenol	mg/kg	---	<0.01	<0.1	<0.5	---	<0.1	---	---	---	<0.01
4-chloroaniline	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
4-methylphenol	mg/kg	---	0.02	<0.1	0.739	---	<0.1	---	---	---	<0.01
Aniline	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Azobenzene	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
Bis(2-chloroethoxy) methane	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
Bis(2-chloroethyl)ether	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
Butyl benzyl phthalate	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
Carbazole	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
Dibenzofuran	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
Diethylphthalate	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
Dimethyl phthalate	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
Di-n-butyl phthalate	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
Di-n-octyl phthalate	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
Diphenylamine	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Hexachlorobenzene	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
Hexachlorocyclopentadiene	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
Hexachloroethane	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	---
Isophorone	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	---
Nitrobenzene	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	---
Pentachlorophenol	mg/kg	---	---	<0.1	<0.5	---	<0.1	---	---	---	<0.1
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	---	0.12	---	---	---	---	---	---	---	<0.12
Pesticides											
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	<0.01	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-G	MG-G
Location Code		B-TP16	B-TP17	FOU_AUK_TP141	FOU_AUK_TP142	FOU_AUK_TP142	FOU_AUK_TP144	FOU_AUK_TP144	S1-TPE35	B-BH1	B-BH5
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-18900	23-19884	705777	704774	704774	704774	704774		23-24808	23-24354
Date		03 Aug 2023	15 Aug 2023	05 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023		11 Oct 2023	03 Oct 2023
Depth		2.5	4	0.5	4	4	0.5	0.5	2	0.2	5.2
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	<0.01	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	<0.01	---	---	---	---	---	---	---
Hedonal	mg/kg	---	---	<0.01	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	<0.01	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	<0.01	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	<0.01	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	<0.01	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	<0.01	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	<0.01	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	<0.01	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	<0.01	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	<0.01	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	<0.01	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	<0.01	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	<0.01	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	<0.01	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	<0.01	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	<0.01	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	<0.01	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	---	11.2	---	---	---	---	---	---	---	10.8



Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		B-BH13	B-BH23	B-TP16	B-TP16	B-TP20	FOU_AUK_TP143	FOU_AUK_TP143	FOU_AUK_TP143	FOU_AUK_TP145	FOU_AUK_TP145
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-21901	23-22399	23-18900	23-18900	23-19614	705778	705778	705778	705778	705778
Date		07 Sep 2023	12 Sep 2023	03 Aug 2023	03 Aug 2023	09 Aug 2023	06 Sep 2023	06 Sep 2023	06 Sep 2023	06 Sep 2023	06 Sep 2023
Depth		0.5	2.45	1.3	1.3	0.3	0.5	0.5	0.5	0.5	0.5
	Unit										
Metals											
Aluminium	mg/kg	33,000	320	8,100	---	8,500	13,700	---	---	24,300	---
Antimony	mg/kg	<1	1.2	<1	---	8.9	<0.6	---	---	1.17	---
Arsenic	mg/kg	18	9.2	5.7	---	19	8.77	---	---	45.9	---
Barium	mg/kg	210	170	120	---	140	533	---	---	639	---
Beryllium	mg/kg	4.9	1.8	0.8	---	0.9	---	---	---	---	---
Boron	mg/kg	---	---	---	---	---	<1	---	---	1.78	---
Boron (filtered)	mg/kg	5.2	4.7	3	---	1.2	---	---	---	---	---
Cadmium	mg/kg	0.3	0.2	0.1	---	0.3	0.133	---	---	0.303	---
Calcium	mg/kg	94,000	3,100	49,000	---	46,000	187,000	---	---	125,000	---
Chromium (hexavalent)	mg/kg	<1	<1	<1	---	<1	---	---	---	---	---
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	<0.6	---	---	<0.6	---
Chromium	mg/kg	15	57	25	---	54	139	---	---	71.1	---
Chromium (Trivalent)	mg/kg	15	57	25	---	54	---	---	---	---	---
Copper	mg/kg	9.3	11	7.8	---	28	25.4	---	---	99.8	---
Iron	mg/kg	10,000	11,000	12,000	---	230,000	31,100	---	---	57,200	---
Lead	mg/kg	11	8.1	16	---	33	43.9	---	---	367	---
Magnesium	mg/kg	14,000	9,900	15,000	---	7,800	14,700	---	---	15,800	---
Manganese	mg/kg	6,300	600	1,100	---	2,000	6,350	---	---	38,400	---
Mercury	mg/kg	<0.05	<0.05	<0.05	---	<0.05	<0.1	---	---	<0.1	---
Molybdenum	mg/kg	4.2	1.4	0.4	---	3.7	1.54	---	---	15.5	---
Nickel	mg/kg	8.2	4.4	6.3	---	30	13.2	---	---	57.3	---
Potassium	mg/kg	2,500	500	870	---	550	1,010	---	---	1,670	---
Selenium	mg/kg	4.2	7.3	<0.5	---	<0.5	4.4	---	---	20.5	---
Silicon	mg/kg	75,000	---	85,000	---	---	---	---	---	---	---
Sodium	mg/kg	800	470	340	---	290	562	---	---	1,050	---
Tin	mg/kg	<1	2.8	<1	---	1.9	---	---	---	---	---
Titanium	mg/kg	420	340	220	---	320	---	---	---	---	---
Vanadium	mg/kg	51	110	79	---	120	585	---	---	220	---
Zinc	mg/kg	40	31	74	---	160	195	---	---	566	---
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	2.9	<0.5	2.9	---	<0.5	<12	---	---	<12	---
Nitrite (as N)	mg/kg	<0.5	<0.5	<0.5	---	<0.5	---	---	---	---	---
Chloride	mg/kg	13.5	318	47.3	---	15.4	---	---	---	---	---
Chloride (filtered)	mg/kg	---	---	---	---	---	27.9	---	---	60.5	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	6.54	---	---	14	---
Cyanide (Free)	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	---	---	---	---
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	<1	---	---	<1	---
Cyanide Total	mg/kg	0.2	<0.1	0.9	---	0.1	---	---	---	---	---
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	3.35	---	---	7.06	---
Cyanide (Complex)	mg/kg	<0.2	<0.2	0.9	---	<0.2	---	---	---	---	---
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	3.2	---	---	6.85	---
Nitrate (as NO3-)	mg/kg	10	15	7.5	---	<1	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	6.1	---	---	12.3	---
Nitrite (as NO2-)	mg/kg	2.2	11	1.5	---	<1	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	0.32	---	---	1.22	---
Sulphate	mg/kg	19,000	14,000	5,400	---	5,100	2,740	---	---	6,890	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	1,800	360	450	---	1,600	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	175	---	---	541	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	---	10.7	---	---	9.67	---	---	9.45	---
Sulphur as S	%	0.53	0.35	0.1	<0.000075	0.15	0.0913	---	---	0.23	---
Sulphur (free)	mg/kg	62	7.4	---	---	<0.75	---	---	---	---	---
Sulphide	mg/kg	44	3,000	67	---	210	154	---	---	101	---
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	1.5	<0.6	20	---	<0.6	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	<1	---	---	<1	---
Ortho phosphate as PO4	mg/kg	<0.20	<0.20	<0.20	---	<0.20	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	<1	---	---	<1	---
Orthophosphate as P	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	---	---	---	---
Fluoride	mg/kg	11	5.4	11	---	13	813	---	---	406	---
Other											
Organic Matter	%	0.7	0.4	1.4	---	0.9	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	0	---	---	0	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	0	---	---	0	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	8.7	9.6	11	---	10	4.6	---	---	5.7	---
TPH CWG											
>C5-C6 Aliphatics	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	<0.01	---
>C6-C8 Aliphatics	mg/kg	<0.01	---	<0.01	---	---	0.0136	---	---	0.0138	---
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	<0.05	---	---	<0.05	---



Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		B-BH13	B-BH23	B-TP16	B-TP16	B-TP20	FOU_AUK_TP143	FOU_AUK_TP143	FOU_AUK_TP143	FOU_AUK_TP145	FOU_AUK_TP145
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-21901	23-22399	23-18900	23-18900	23-19614	705778	705778	705778	705778	705778
Date		07 Sep 2023	12 Sep 2023	03 Aug 2023	03 Aug 2023	09 Aug 2023	06 Sep 2023	06 Sep 2023	06 Sep 2023	06 Sep 2023	06 Sep 2023
Depth		0.5	2.45	1.3	1.3	0.3	0.5	0.5	0.5	0.5	0.5
	Unit										
>C8-C10 Aliphatics	mg/kg	<0.01	---	<0.01	---	---	0.0178	---	---	0.017	---
>C10-C44 Aliphatics	mg/kg	<10	---	<10	---	---	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	<1.5	---	<1.5	---	---	<1	---	---	<1	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	261	---	---	1,210	---
>C12-C16 Aliphatics	mg/kg	<1.2	---	<1.2	---	---	14.7	---	---	5.02	---
>C16-C21 Aliphatics	mg/kg	<1.5	---	<1.5	---	---	57.8	---	---	50.3	---
>C16-C35 Aliphatics	mg/kg	<4.9	---	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics	mg/kg	<3.4	---	<3.4	---	---	134	---	---	831	---
>C35-C44 Aliphatics	mg/kg	<3.4	---	<3.4	---	---	54.2	---	---	324	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	<0.05	---	---	<0.05	---
>EC5-EC7 Aromatics	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	<0.01	---
>EC10-EC44 Aromatics	mg/kg	<10	---	<10	---	---	60.6	---	---	321	---
>EC8-EC10 Aromatics	mg/kg	<0.01	---	<0.01	---	---	0.0115	---	---	0.0117	---
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	<0.01	---	---	<0.01	---
>EC10-EC12 Aromatics	mg/kg	<0.9	---	<0.9	---	---	<1	---	---	<1	---
>EC12-EC16 Aromatics	mg/kg	<0.5	---	<0.5	---	---	1.68	---	---	8.3	---
>EC16-EC21 Aromatics	mg/kg	<0.6	---	1.4	---	---	3.26	---	---	23	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	8.32	---	---	8.88	---
>EC21-EC35 Aromatics	mg/kg	<1.4	---	3.7	---	---	44.4	---	---	275	---
>EC35-EC44 Aromatics	mg/kg	<1.4	---	<1.4	---	---	11	---	---	13.1	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	<10	---	<10	---	---	321	---	---	1,530	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	<10	---	5.1	---	---	321	---	---	1,530	---
TPH											
EPH >C10-40	mg/kg	<10	<10	<10	---	<10	---	---	---	---	---
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	<0.1	<0.1	<0.1	---	<0.1	<0.02	---	---	<0.02	---
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	<0.002	---	<0.002	---	---	<0.01	---	---	<0.02	---
Toluene	mg/kg	<0.005	---	<0.005	---	---	0.0158	---	---	0.0304	---
Ethylbenzene	mg/kg	<0.002	---	<0.002	---	---	<0.01	---	---	<0.02	---
Xylene (m & p)	mg/kg	<0.002	---	<0.002	---	---	<0.02	---	---	<0.04	---
Xylene (o)	mg/kg	<0.002	---	<0.002	---	---	<0.02	---	---	<0.04	---
Xylene Total	mg/kg	<0.004	---	---	---	---	<0.2	---	---	<0.4	---
MTBE	mg/kg	<0.005	---	<0.005	---	---	<0.005	---	---	<0.01	---
Total BTEX	mg/kg	---	---	---	---	---	<0.07	---	---	<0.14	---
PAH											
Coronene	mg/kg	---	---	---	---	---	<0.2	---	---	0.243	---
Naphthalene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	0.134	0.304	0.11	0.394	0.772
Acenaphthene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	0.152	0.064	---	0.408	0.617
Acenaphthylene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	<0.1	0.0256	---	0.21	0.209
Fluoranthene	mg/kg	<0.03	0.05	<0.03	---	0.05	0.71	0.178	---	1.62	1.82
Anthracene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	<0.1	0.0259	---	0.248	0.375
Phenanthrene	mg/kg	<0.03	<0.03	<0.03	---	0.06	0.317	0.0947	---	0.87	0.954
Fluorene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	0.117	0.0546	---	0.343	0.539
Chrysene	mg/kg	<0.03	<0.03	<0.03	---	0.03	0.285	0.113	---	0.989	0.992
Pyrene	mg/kg	<0.03	0.04	<0.03	---	0.04	0.652	0.178	---	1.56	1.77
Benzo(a)anthracene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	0.229	0.0931	---	0.921	0.971
Benzo(b)fluoranthene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	0.223	0.151	---	0.857	1.36
Benzo(k)fluoranthene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	0.235	0.0526	---	0.931	0.508
Benzo(b+k)fluoranthene	mg/kg	<0.06	<0.06	---	---	<0.06	---	---	---	---	---
Benzo(a)pyrene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	0.201	0.0887	---	0.935	1.06
Dibenz(a,h)anthracene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	<0.023	---	---	0.129	0.181
Benzo(g,h,i)perylene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	0.21	0.0933	---	0.803	0.899
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	0.2	0.0851	---	0.732	0.826
PAH 16 Total	mg/kg	<0.1	<0.1	<0.1	---	0.19	1.41	---	---	14	---
PAH 17 Total	mg/kg	---	---	---	---	---	1.41	---	---	14.2	---
Phenolics											
Total Phenols (monohydric)	mg/kg	<0.3	<0.3	<0.3	---	<0.3	---	---	---	---	---
3/4-Methylphenol (m/p-cresol)	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---	---
Xylenols	mg/kg	---	---	<0.01	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	<0.01	0.01	<0.01	---	---	<0.1	---	---	<0.1	---
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	<0.02	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	<0.01	---	<0.01	---	---	<0.02	---	---	<0.04	---
cis-1,3-dichloropropene	mg/kg	<0.01	---	<0.01	---	---	<0.005	---	---	<0.01	---
trans-1,3-dichloropropene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	<0.02	---



Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		B-BH13	B-BH23	B-TP16	B-TP16	B-TP20	FOU_AUK_TP143	FOU_AUK_TP143	FOU_AUK_TP143	FOU_AUK_TP145	FOU_AUK_TP145
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-21901	23-22399	23-18900	23-18900	23-19614	705778	705778	705778	705778	705778
Date		07 Sep 2023	12 Sep 2023	03 Aug 2023	03 Aug 2023	09 Aug 2023	06 Sep 2023	06 Sep 2023	06 Sep 2023	06 Sep 2023	06 Sep 2023
Depth		0.5	2.45	1.3	1.3	0.3	0.5	0.5	0.5	0.5	0.5
	Unit										
1,1,1,2-tetrachloroethane	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	<0.02	---
1,1,1-trichloroethane	mg/kg	<0.01	---	<0.01	---	---	<0.005	---	---	<0.01	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	<0.02	---	---	<0.04	---
1,1,2-trichloroethane	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	<0.02	---
1,1-dichloroethane	mg/kg	<0.01	---	<0.01	---	---	<0.005	---	---	<0.01	---
1,1-dichloroethene	mg/kg	<0.01	---	<0.01	---	---	<0.005	---	---	<0.01	---
1,1-dichloropropene	mg/kg	<0.01	---	<0.01	---	---	<0.005	---	---	<0.01	---
1,2,3-trichloropropane	mg/kg	<0.01	---	<0.01	---	---	<0.02	---	---	<0.04	---
1,2,4-trimethylbenzene	mg/kg	<0.01	---	<0.01	---	---	<0.03	---	---	<0.06	---
1,2-dibromo-3-chloropropane	mg/kg	<0.01	---	<0.01	---	---	<0.02	---	---	<0.04	---
1,2-dibromoethane	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	<0.02	---
1,2-dichloroethane	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	<0.02	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	<0.02	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	<0.01	---	<0.01	---	---	<0.005	---	---	<0.01	---
1,3,5-trimethylbenzene	mg/kg	<0.01	---	<0.01	---	---	<0.02	---	---	<0.04	---
1,3-dichloropropane	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	<0.02	---
2,2-dichloropropane	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	<0.02	---
Trihalomethanes	mg/kg	<0.04	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	<0.01	---	<0.01	---	---	<0.03	---	---	<0.06	---
4-chlorotoluene	mg/kg	<0.01	---	<0.01	---	---	<0.03	---	---	<0.06	---
Bromobenzene	mg/kg	<0.01	---	<0.01	---	---	<0.02	---	---	<0.04	---
Bromochloromethane	mg/kg	<0.01	---	<0.01	---	---	<0.02	---	---	<0.04	---
Bromodichloromethane	mg/kg	<0.01	---	<0.01	---	---	<0.02	---	---	<0.04	---
Bromoform	mg/kg	<0.01	---	<0.01	---	---	<0.05	---	---	<0.11	---
Bromomethane	mg/kg	---	---	---	---	---	<0.01	---	---	<0.02	---
Carbon disulfide	mg/kg	---	---	---	---	---	<0.01	---	---	<0.02	---
Carbon tetrachloride	mg/kg	<0.01	---	<0.01	---	---	<0.005	---	---	<0.01	---
Chlorodibromomethane	mg/kg	<0.01	---	<0.01	---	---	<0.02	---	---	<0.04	---
Chloroethane	mg/kg	---	---	---	---	---	<0.01	---	---	<0.02	---
Chloroform	mg/kg	<0.01	---	<0.01	---	---	<0.03	---	---	<0.06	---
Chloromethane	mg/kg	---	---	---	---	---	<0.02	---	---	<0.04	---
cis-1,2-dichloroethene	mg/kg	<0.01	---	<0.01	---	---	<0.005	---	---	<0.01	---
Dibromomethane	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	<0.02	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	<0.005	---	---	<0.01	---
Dichloromethane	mg/kg	---	---	---	---	---	<0.05	---	---	<0.1	---
Isopropylbenzene	mg/kg	<0.01	---	<0.01	---	---	<0.02	---	---	<0.04	---
n-butylbenzene	mg/kg	<0.01	---	<0.01	---	---	<0.03	---	---	<0.06	---
n-propylbenzene	mg/kg	<0.01	---	<0.01	---	---	<0.02	---	---	<0.04	---
p-isopropyltoluene	mg/kg	<0.01	---	<0.01	---	---	<0.02	---	---	<0.04	---
sec-butylbenzene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	<0.02	---
Trichloroethene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	<0.02	---
tert-butylbenzene	mg/kg	<0.01	---	<0.01	---	---	<0.02	---	---	<0.04	---
Tetrachloroethene	mg/kg	<0.01	---	<0.01	---	---	<0.02	---	---	<0.04	---
trans-1,2-dichloroethene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	<0.02	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	0.0146	---	---	0.396	---
Vinyl chloride	mg/kg	<0.01	---	<0.01	---	---	<0.005	---	---	<0.01	---
tert-Amyl methyl ether	mg/kg	<0.005	---	<0.005	---	---	<0.01	---	---	<0.02	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	<0.01	---	<0.01	---	---	<0.1	---	---	<0.2	---
1,2,4-trichlorobenzene	mg/kg	<0.01	---	<0.01	---	---	<0.07	---	---	<0.1	---
1,2-dichlorobenzene	mg/kg	<0.01	---	<0.01	---	---	<0.05	---	---	<0.1	---
1,3-dichlorobenzene	mg/kg	<0.01	---	<0.01	---	---	<0.05	---	---	<0.1	---
1,4-dichlorobenzene	mg/kg	<0.01	---	<0.01	---	---	<0.05	---	---	<0.1	---
Chlorobenzene	mg/kg	<0.01	---	<0.01	---	---	<0.02	---	---	<0.04	---
Hexachlorobutadiene	mg/kg	<0.01	---	<0.01	---	---	<0.04	---	---	<0.08	---
Trichlorobenzene (total)	mg/kg	<0.02	---	---	---	---	---	---	---	---	---
SVOC											
1,4-dinitrobenzene	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---	---
Benzyl alcohol	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
4-nitroaniline	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
4-nitrophenol	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
1,2-Dinitrobenzene	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
2,4,6-trichlorophenol	mg/kg	0.02	<0.01	<0.01	---	---	<0.1	---	---	<0.1	---
2,4-dichlorophenol	mg/kg	0.03	<0.01	<0.01	---	---	<0.1	---	---	<0.1	---
2,4-dimethylphenol	mg/kg	0.05	<0.01	<0.01	---	---	<0.1	---	---	<0.1	---
2,4-dinitrotoluene	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
2,6-dichlorophenol	mg/kg	0.02	<0.01	<0.01	---	---	---	---	---	---	---
2,6-Dimethylphenol	mg/kg	<0.01	<0.01	---	---	---	---	---	---	---	---



Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		B-BH13	B-BH23	B-TP16	B-TP16	B-TP20	FOU_AUK_TP143	FOU_AUK_TP143	FOU_AUK_TP143	FOU_AUK_TP145	FOU_AUK_TP145
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-21901	23-22399	23-18900	23-18900	23-19614	705778	705778	705778	705778	705778
Date		07 Sep 2023	12 Sep 2023	03 Aug 2023	03 Aug 2023	09 Aug 2023	06 Sep 2023	06 Sep 2023	06 Sep 2023	06 Sep 2023	06 Sep 2023
Depth		0.5	2.45	1.3	1.3	0.3	0.5	0.5	0.5	0.5	0.5
	Unit										
2,6-dinitrotoluene	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
2-chloronaphthalene	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
2-chlorophenol	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
2-methylnaphthalene	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	0.191	---
2-methylphenol	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
2-nitroaniline	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
2-nitrophenol	mg/kg	---	---	---	---	---	<0.1	---	---	<0.1	---
3-nitroaniline	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
4,6-Dinitro-2-methylphenol	mg/kg	<0.1	---	<0.1	---	---	<0.01	---	---	---	---
4-chloro-3-methylphenol	mg/kg	0.03	0.01	<0.01	---	---	<0.1	---	---	<0.1	---
4-chloroaniline	mg/kg	---	---	---	---	---	<0.1	---	---	<0.1	---
4-chlorophenyl phenyl ether	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
4-methylphenol	mg/kg	0.07	0.01	<0.01	---	---	<0.1	---	---	<0.1	---
Aniline	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---	---
Azobenzene	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Bis(2-chloroethoxy) methane	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	<0.1	---	---	<0.1	---
Bis(2-chloroisopropyl) ether	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Bis(2-ethylhexyl) phthalate	mg/kg	<0.1	---	<0.1	---	---	0.116	---	---	0.293	---
Butyl benzyl phthalate	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Carbazole	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Dibenzofuran	mg/kg	<0.1	---	<0.1	---	---	0.196	---	---	0.519	---
Diethylphthalate	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Dimethyl phthalate	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Di-n-butyl phthalate	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Di-n-octyl phthalate	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Diphenylamine	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Hexachlorocyclopentadiene	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Hexachloroethane	mg/kg	---	---	---	---	---	<0.1	---	---	<0.1	---
Isophorone	mg/kg	---	---	---	---	---	<0.1	---	---	<0.1	---
Nitrobenzene	mg/kg	---	---	---	---	---	<0.1	---	---	<0.1	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	<0.1	---	---	<0.1	---
Pentachlorophenol	mg/kg	<0.035	---	<0.1	---	<0.035	<0.1	---	---	<0.1	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	<0.015	---	---	<0.015	---
PCB 118	mg/kg	---	---	---	---	---	<0.015	---	---	<0.015	---
PCB 138	mg/kg	---	---	---	---	---	<0.015	---	---	<0.015	---
PCB 153	mg/kg	---	---	---	---	---	<0.015	---	---	<0.015	---
PCB 180	mg/kg	---	---	---	---	---	<0.015	---	---	<0.015	---
PCB 28	mg/kg	---	---	---	---	---	<0.015	---	---	<0.015	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	<0.015	---	---	<0.015	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	<0.105	---	---	<0.105	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	<0.12	<0.12	---	---	<0.12	---	---	---	---	---
Pesticides											
Heptachlor epoxide	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Simetryn	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
Tokuthion	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Secbumeton	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	<0.035	---	---	---	<0.035	---	---	---	---	---



Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		B-BH13	B-BH23	B-TP16	B-TP16	B-TP20	FOU_AUK_TP143	FOU_AUK_TP143	FOU_AUK_TP143	FOU_AUK_TP145	FOU_AUK_TP145
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-21901	23-22399	23-18900	23-18900	23-19614	705778	705778	705778	705778	705778
Date		07 Sep 2023	12 Sep 2023	03 Aug 2023	03 Aug 2023	09 Aug 2023	06 Sep 2023	06 Sep 2023	06 Sep 2023	06 Sep 2023	06 Sep 2023
Depth		0.5	2.45	1.3	1.3	0.3	0.5	0.5	0.5	0.5	0.5
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	<0.035	---	---	---	<0.035	<0.01	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	<0.035	---	---	---	<0.035	<0.01	---	---	---	---
Hedonal	mg/kg	<0.035	---	---	---	<0.035	<0.01	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	<0.035	---	---	---	<0.035	---	---	---	---	---
2,4-Dichloroprop	mg/kg	<0.035	---	---	---	<0.035	<0.01	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
4,4-DDE	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
a-BHC	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Aldrin	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	<0.2	---	---	---	<0.2	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	<0.3	---	---	---	<0.3	---	---	---	---	---
Ametryn	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Actril (loxynil)	mg/kg	<0.035	---	---	---	<0.035	<0.01	---	---	---	---
Atraton	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Atrazine	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Azinophos methyl	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
b-BHC	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Benazolin	mg/kg	<0.035	---	---	---	<0.035	---	---	---	---	---
Bentazone	mg/kg	<0.035	---	---	---	<0.035	<0.01	---	---	---	---
Bolstar (Sulprofos)	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Bromoxynil	mg/kg	<0.035	---	---	---	<0.035	<0.01	---	---	---	---
gamma-Chlordane	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Chlorpyrifos	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Clopyralid	mg/kg	<0.035	---	---	---	<0.035	---	---	---	---	---
Coumaphos	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
d-BHC	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
DDT	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Demeton-O	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Demeton-S	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Diazinon	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Dicamba	mg/kg	<0.035	---	---	---	<0.035	<0.01	---	---	---	---
Dichlorvos	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
Dieldrin	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
Disulfoton	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Endosulfan sulphate	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Endrin	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Endrin aldehyde	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Endrin ketone	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Ethoprop	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Fensulfothion	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Fenthion	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Fluroxypyr	mg/kg	<0.035	---	---	---	<0.035	<0.01	---	---	---	---
g-BHC (Lindane)	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Heptachlor	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	<0.035	---	---	---	<0.035	<0.01	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	<0.035	---	---	---	<0.035	<0.01	---	---	---	---
Mecoprop	mg/kg	<0.035	---	---	---	<0.035	<0.01	---	---	---	---
Merphos	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Methoxychlor	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Methyl parathion	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Naled (Dibrom)	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Phorate	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Picloram	mg/kg	<0.035	---	---	---	<0.035	---	---	---	---	---
Prometon	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Prometryn	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Propazine	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
Ronnel	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Simazine	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Stirophos	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Terbutryn	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Terbutylazine	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Trichloronate	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Triclopyr	mg/kg	<0.035	---	---	---	<0.035	<0.01	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
Field											
pH (Field)	pH_Units	10.1	11.9	---	---	10.8	---	---	---	---	---



Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		FOU_AUK_TP145	S1-BH16	S1-BH17	S1-BH17	S1-BH17	S1-TPE10	S1-TPE19	S1-TPE22
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		705778	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12			
Date		06 Sep 2023	13 Oct 2017	24 Oct 2017	24 Oct 2017	24 Oct 2017			
Depth		0.5	2.5 - 2.5	4 - 4	4 - 4	5 - 5	2.4	3.3	2
	Unit								
Metals									
Aluminium	mg/kg	---	19,000.00	---	---	---	---	---	---
Antimony	mg/kg	---	4.90	1.60	---	---	---	---	---
Arsenic	mg/kg	---	7.10	8.20	---	---	37	6.1	25
Barium	mg/kg	---	240.00	220.00	---	---	---	---	---
Beryllium	mg/kg	---	1.90	1.00	---	---	---	---	---
Boron	mg/kg	---	4.60	2.50	---	---	---	---	---
Boron (filtered)	mg/kg	---	---	---	---	---	---	---	---
Cadmium	mg/kg	---	1.10	0.40	---	---	---	---	---
Calcium	mg/kg	---	---	---	---	---	---	---	---
Chromium (hexavalent)	mg/kg	---	<1.00	<1.00	---	---	---	---	---
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---
Chromium	mg/kg	---	260.00	40.00	---	92	390	67	---
Chromium (Trivalent)	mg/kg	---	259	39	---	92	390	67	---
Copper	mg/kg	---	61.00	15.00	---	---	---	---	---
Iron	mg/kg	---	79,000.00	---	---	---	---	---	---
Lead	mg/kg	---	140.00	13.00	---	210	41	73	---
Magnesium	mg/kg	---	17,000.00	---	---	---	---	---	---
Manganese	mg/kg	---	9,500.00	---	---	---	---	---	---
Mercury	mg/kg	---	<0.05	<0.05	---	---	---	---	---
Molybdenum	mg/kg	---	1.30	0.90	---	---	---	---	---
Nickel	mg/kg	---	20.00	16.00	---	---	---	---	---
Potassium	mg/kg	---	---	---	---	---	---	---	---
Selenium	mg/kg	---	---	---	---	---	---	---	---
Silicon	mg/kg	---	48,000.00	---	---	---	---	---	---
Sodium	mg/kg	---	---	---	---	---	---	---	---
Tin	mg/kg	---	---	---	---	---	---	---	---
Titanium	mg/kg	---	---	---	---	---	---	---	---
Vanadium	mg/kg	---	830.00	74.00	---	---	---	---	---
Zinc	mg/kg	---	570.00	60.00	---	---	---	---	---
Inorganics									
Ammoniacal Nitrogen as N	mg/kg	---	---	---	---	---	---	---	---
Nitrite (as N)	mg/kg	---	---	---	---	---	---	---	---
Chloride	mg/kg	---	---	---	---	---	---	---	---
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	<0.10	<0.10	---	---	---	---	---
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	---	0.40	<0.10	---	---	---	---	---
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	---	0.40	<0.20	---	---	---	---	---
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	---	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	---	---	---	1,500	550	1,400	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	---	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	11.30	10.60	---	---	---	---	---
Sulphur as S	%	---	0.000800	0.000110	---	---	---	---	---
Sulphur (free)	mg/kg	---	---	---	---	---	---	---	---
Sulphide	mg/kg	---	---	---	---	---	---	---	---
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	<0.60	<0.60	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	---	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	---	---	---	---	---	---	---	---
Fluoride	mg/kg	---	---	---	---	---	---	---	---
Other									
Organic Matter	%	---	1.20	2.00	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	0.01	0.02	---	---	---
Moisture	%	---	---	---	---	---	---	---	---
TPH CWG									
>C5-C6 Aliphatics	mg/kg	---	<0.01	<0.01	---	---	---	---	---
>C6-C8 Aliphatics	mg/kg	---	<0.01	<0.01	---	---	---	---	---
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---



Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		FOU_AUK_TP145	S1-BH16	S1-BH17	S1-BH17	S1-BH17	S1-TPE10	S1-TPE19	S1-TPE22
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		705778	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12			
Date		06 Sep 2023	13 Oct 2017	24 Oct 2017	24 Oct 2017	24 Oct 2017			
Depth		0.5	2.5 - 2.5	4 - 4	4 - 4	5 - 5	2.4	3.3	2
	Unit								
>C8-C10 Aliphatics	mg/kg	---	<0.01	<0.01	---	---	---	---	---
>C10-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	---	<1.50	<1.50	---	---	---	---	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	<1.20	<1.20	---	---	---	---	---
>C16-C21 Aliphatics	mg/kg	---	<1.50	<1.50	---	---	---	---	---
>C16-C35 Aliphatics	mg/kg	---	<4.9	7.3	---	---	---	---	---
>C21-C35 Aliphatics	mg/kg	---	<3.40	5.80	---	---	---	---	---
>C35-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	<10.00	<10.00	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	<0.01	<0.01	---	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	---	<0.01	<0.01	---	---	---	---	---
>EC10-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---
>EC8-EC10 Aromatics	mg/kg	---	<0.01	<0.01	---	---	---	---	---
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	<0.90	<0.90	---	---	---	---	---
>EC12-EC16 Aromatics	mg/kg	---	<0.50	<0.50	---	---	---	---	---
>EC16-EC21 Aromatics	mg/kg	---	<0.60	<0.60	---	---	---	---	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	<1.40	<1.40	---	---	---	---	---
>EC35-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	<10.00	<10.00	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---
TPH									
EPH >C10-40	mg/kg	---	---	---	---	---	---	---	---
GRO	mg/kg	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	---	---	---	---	---	---	---
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	<10	55	<10
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---
BTEX and MTBE									
Benzene	mg/kg	---	---	---	---	---	---	---	---
Toluene	mg/kg	---	---	---	---	---	---	---	---
Ethylbenzene	mg/kg	---	---	---	---	---	---	---	---
Xylene (m & p)	mg/kg	---	---	---	---	---	---	---	---
Xylene (o)	mg/kg	---	---	---	---	---	---	---	---
Xylene Total	mg/kg	---	---	---	---	---	---	---	---
MTBE	mg/kg	---	---	---	---	---	---	---	---
Total BTEX	mg/kg	---	---	---	---	---	---	---	---
PAH									
Coronene	mg/kg	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	0.89	<0.03	<0.03	---	---	<0.03	<0.03	0.26
Acenaphthene	mg/kg	---	<0.03	<0.03	---	---	---	---	---
Acenaphthylene	mg/kg	---	<0.03	<0.03	---	---	---	---	---
Fluoranthene	mg/kg	---	0.11	<0.03	---	---	---	---	---
Anthracene	mg/kg	---	<0.03	<0.03	---	---	---	---	---
Phenanthrene	mg/kg	---	0.09	<0.03	---	---	---	---	---
Fluorene	mg/kg	---	<0.03	<0.03	---	---	---	---	---
Chrysene	mg/kg	---	0.07	<0.03	---	---	---	---	---
Pyrene	mg/kg	---	0.09	<0.03	---	---	---	---	---
Benzo(a)anthracene	mg/kg	---	0.06	<0.03	---	---	---	---	---
Benzo(b)fluoranthene	mg/kg	---	0.07	<0.03	---	---	---	---	---
Benzo(k)fluoranthene	mg/kg	---	<0.03	<0.03	---	---	---	---	---
Benzo(b+k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	---	<0.03	<0.03	---	---	0.03	0.31	0.03
Dibenz(a,h)anthracene	mg/kg	---	<0.03	<0.03	---	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	<0.03	<0.03	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	<0.03	<0.03	---	---	---	---	---
PAH 16 Total	mg/kg	---	0.49	<0.10	---	---	---	---	---
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---
Phenolics									
Total Phenols (monohydric)	mg/kg	---	---	---	---	---	---	---	---
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---
Xylenols	mg/kg	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	---	---	---	---	---	---	---
Phenols Monohydric	mg/kg	---	<0.30	<0.30	---	---	---	---	---
VOC									
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---
Styrene	mg/kg	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---



Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		FOU_AUK_TP145	S1-BH16	S1-BH17	S1-BH17	S1-BH17	S1-TPE10	S1-TPE19	S1-TPE22
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		705778	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12			
Date		06 Sep 2023	13 Oct 2017	24 Oct 2017	24 Oct 2017	24 Oct 2017			
Depth		0.5	2.5 - 2.5	4 - 4	4 - 4	5 - 5	2.4	3.3	2
	Unit								
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---
Trihalomethanes	mg/kg	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---
tert-Amyl methyl ether	mg/kg	---	---	---	---	---	---	---	---
VOC/SVOC									
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---
Trichlorobenzene (total)	mg/kg	---	---	---	---	---	---	---	---
SVOC									
1,4-dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---
Benzyl alcohol	mg/kg	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---
1,2-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---
2,6-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,6-Dimethylphenol	mg/kg	---	---	---	---	---	---	---	---



Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		FOU_AUK_TP145	S1-BH16	S1-BH17	S1-BH17	S1-BH17	S1-BH17	S1-TPE10	S1-TPE19
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		705778	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12		
Date		06 Sep 2023	13 Oct 2017	24 Oct 2017	24 Oct 2017	24 Oct 2017	24 Oct 2017		
Depth		0.5	2.5 - 2.5	4 - 4	4 - 4	5 - 5	2.4	3.3	2
	Unit								
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---
Aniline	mg/kg	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Diphenylamine	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---
PCB									
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---
PAH/Phenols									
PAHs (Sum of 4)	mg/kg	---	---	---	---	---	---	---	---
Pesticides									
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---



Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		FOU_AUK_TP145	S1-BH16	S1-BH17	S1-BH17	S1-BH17	S1-BH17	S1-TPE10	S1-TPE19
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		705778	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12		
Date		06 Sep 2023	13 Oct 2017	24 Oct 2017	24 Oct 2017	24 Oct 2017	24 Oct 2017		
Depth		0.5	2.5 - 2.5	4 - 4	4 - 4	5 - 5	2.4	3.3	2
	Unit								
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---
Hedonal	mg/kg	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---
Field									
pH (Field)	pH_Units	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
		S1-TPE29	S1-TPE29	S1-TPE31	S1-TPE32	S1-TPE35	S1-TPE37	S1-TPE38	S1-TPE43	S1-TPE53	S1-TPE66
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		0.5	2.6	1.2	3.5	3	4.5	2	3.2	2.5	1.5
Metals											
Aluminium	mg/kg	---	---	---	---	---	---	---	---	---	---
Antimony	mg/kg	---	---	---	---	---	---	---	---	---	---
Arsenic	mg/kg	12	8.9	41	6.1	8.6	4.7	16	7.2	---	8.7
Barium	mg/kg	---	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---	---
Calcium	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium (hexavalent)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	67	17	72	480	110	420	110	35	---	1,000
Chromium (Trivalent)	mg/kg	67	17	72	480	110	420	110	35	---	1,000
Copper	mg/kg	---	---	---	---	---	---	---	---	---	---
Iron	mg/kg	---	---	---	---	---	---	---	---	---	---
Lead	mg/kg	100	12	41	78	21	48	57	31	---	69
Magnesium	mg/kg	---	---	---	---	---	---	---	---	---	---
Manganese	mg/kg	---	---	---	---	---	---	---	---	---	---
Mercury	mg/kg	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	---	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	---	---	---	---	---	---	---	---	---	---
Potassium	mg/kg	---	---	---	---	---	---	---	---	---	---
Selenium	mg/kg	---	---	---	---	---	---	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Tin	mg/kg	---	---	---	---	---	---	---	---	---	---
Titanium	mg/kg	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	---	---	---	---	---	---	---	---	---	---
Zinc	mg/kg	---	---	---	---	---	---	---	---	---	---
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as N)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloride	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	600	1,300	1,500	850	1,600	820	<10	1,500	1,200	<10
Sulphate (2:1 Water Soluble) as SO4	mg/L	---	---	---	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	---	---	---	---	---	---	---	---	---
Sulphur as S	%	---	---	---	---	---	---	---	---	---	---
Sulphur (free)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphide	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluoride	mg/kg	---	---	---	---	---	---	---	---	---	---
Other											
Organic Matter	%	---	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	---	---	---	---	---	---	---	---	---	---
TPH CWG											
>C5-C6 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C6-C8 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		S1-TPE29	S1-TPE29	S1-TPE31	S1-TPE32	S1-TPE35	S1-TPE37	S1-TPE38	S1-TPE43	S1-TPE53	S1-TPE66
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number											
Date											
Depth		0.5	2.6	1.2	3.5	3	4.5	2	3.2	2.5	1.5
	Unit										
>C8-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C10-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C16-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC8-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC12-EC16 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH											
EPH >C10-40	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Petroleum Hydrocarbons	mg/kg	<10	<10	<10	<10	<10	43	<10	<10	---	100
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
Toluene	mg/kg	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Xylene (m & p)	mg/kg	---	---	---	---	---	---	---	---	---	---
Xylene (o)	mg/kg	---	---	---	---	---	---	---	---	---	---
Xylene Total	mg/kg	---	---	---	---	---	---	---	---	---	---
MTBE	mg/kg	---	---	---	---	---	---	---	---	---	---
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Coronene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	<0.03	<0.03	<0.03	<0.03	0.03	<0.03	0.12	<0.03	---	0.03
Acenaphthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Acenaphthylene	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Anthracene	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluorene	mg/kg	---	---	---	---	---	---	---	---	---	---
Chrysene	mg/kg	---	---	---	---	---	---	---	---	---	---
Pyrene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(a)anthracene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(b+k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	<0.03	<0.03	0.11	<0.03	0.08	0.04	0.09	<0.03	---	0.33
Dibenz(a,h)anthracene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH 16 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	mg/kg	---	---	---	---	---	---	---	---	---	---
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---	---
Xylenols	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
		S1-TPE29	S1-TPE29	S1-TPE31	S1-TPE32	S1-TPE35	S1-TPE37	S1-TPE38	S1-TPE43	S1-TPE53	S1-TPE66
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		0.5	2.6	1.2	3.5	3	4.5	2	3.2	2.5	1.5
	Unit										
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
Trihalomethanes	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	---	---
tert-Amyl methyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichlorobenzene (total)	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC											
1,4-dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzyl alcohol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,6-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,6-Dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
		S1-TPE29	S1-TPE29	S1-TPE31	S1-TPE32	S1-TPE35	S1-TPE37	S1-TPE38	S1-TPE43	S1-TPE53	S1-TPE66
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		0.5	2.6	1.2	3.5	3	4.5	2	3.2	2.5	1.5
	Unit										
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
Aniline	mg/kg	---	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Diphenylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pesticides											
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		S1-TPE29	S1-TPE29	S1-TPE31	S1-TPE32	S1-TPE35	S1-TPE37	S1-TPE38	S1-TPE43	S1-TPE53	S1-TPE66
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number											
Date											
Depth		0.5	2.6	1.2	3.5	3	4.5	2	3.2	2.5	1.5
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	---	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-G	MG-G	MG-G	MG-G	MG-G	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		S1-TPE66	S1-TPE73	S1-TPE75	S1-TPE75	S1-TPE76	12BT1	12BT1	12BT2	12BT2	12BT3
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		2.5	0.2	1	3	1.6	20 Apr 2004 0.2 - 0.2	20 Apr 2004 4 - 4	20 Apr 2004 0.1 - 0.1	20 Apr 2004 3.9 - 3.9	20 Apr 2004 0.2 - 0.2
Metals											
Aluminium	mg/kg	---	---	---	---	---	---	---	---	---	---
Antimony	mg/kg	---	---	---	---	---	---	---	---	---	---
Arsenic	mg/kg	---	3	8	---	6.2	6.7	5	6.7	19.3	13.4
Barium	mg/kg	---	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron	mg/kg	---	---	---	---	---	1.2	2.1	1.4	2.6	1.3
Boron (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cadmium	mg/kg	---	---	---	---	---	0.6	0.4	0.3	0.6	0.5
Calcium	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium (hexavalent)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	---	66	1,100	---	1,000	1,440	1,700	246	23.7	36.3
Chromium (Trivalent)	mg/kg	---	66	1,100	---	1,000	1,440	1,700	246	23.7	36.3
Copper	mg/kg	---	---	---	---	---	40.1	37.8	4.7	3.2	6.2
Iron	mg/kg	---	---	---	---	---	---	---	---	---	---
Lead	mg/kg	---	15	63	---	67	72.8	68.6	24	41.9	41.7
Magnesium	mg/kg	---	---	---	---	---	---	---	---	---	---
Manganese	mg/kg	---	---	---	---	---	---	---	---	---	---
Mercury	mg/kg	---	---	---	---	---	<0.10	0.1	<0.10	<0.10	<0.10
Molybdenum	mg/kg	---	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	---	---	---	---	---	16.9	10.6	3	2.8	3.4
Potassium	mg/kg	---	---	---	---	---	---	---	---	---	---
Selenium	mg/kg	---	---	---	---	---	1.8	2.2	4.6	5.4	5.8
Silicon	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Tin	mg/kg	---	---	---	---	---	---	---	---	---	---
Titanium	mg/kg	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	---	---	---	---	---	---	---	---	---	---
Zinc	mg/kg	---	---	---	---	---	108.3	99.5	113.3	225.7	111.5
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as N)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloride	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	---	---	---	---	<1	<1	<1	<1	<1
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	---	---	---	---	---	<1	<1	3	6	8
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	12	27	<10	<10	16	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	---	---	---	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	---	---	---	---	12.7	12.8	11.6	10.6	10.5
Sulphur as S	%	---	---	---	---	---	0.22	0.25	0.62	1.25	0.86
Sulphur (free)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphide	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphide (filtered)	mg/kg	---	---	---	---	---	<5	151	1,231	2,632	1,250
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluoride	mg/kg	---	---	---	---	---	---	---	---	---	---
Other											
Organic Matter	%	---	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	---	---	---	---	---	---	---	---	---	---
TPH CWG											
>C5-C6 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C6-C8 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-G	MG-G	MG-G	MG-G	MG-G	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		S1-TPE66	S1-TPE73	S1-TPE75	S1-TPE75	S1-TPE76	12BT1	12BT1	12BT2	12BT2	12BT3
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		2.5	0.2	1	3	1.6	20 Apr 2004 0.2 - 0.2	20 Apr 2004 4 - 4	20 Apr 2004 0.1 - 0.1	20 Apr 2004 3.9 - 3.9	20 Apr 2004 0.2 - 0.2
	Unit										
>C8-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C10-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C16-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC8-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC12-EC16 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH											
EPH >C10-40	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	---	---	---	---	<0.2	<0.2	<0.2	<0.2	<0.2
Total Petroleum Hydrocarbons	mg/kg	---	45	110	---	87	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	173	62	57	62	81
BTEX and MTBE											
Benzene	mg/kg	---	---	---	---	---	<10	<10	<10	<10	<10
Toluene	mg/kg	---	---	---	---	---	<10	<10	<10	<10	<10
Ethylbenzene	mg/kg	---	---	---	---	---	<10	<10	<10	<10	<10
Xylene (m & p)	mg/kg	---	---	---	---	---	---	---	---	---	---
Xylene (o)	mg/kg	---	---	---	---	---	---	---	---	---	---
Xylene Total	mg/kg	---	---	---	---	---	<20	<20	<20	<20	<20
MTBE	mg/kg	---	---	---	---	---	---	---	---	---	---
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Coronene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	---	1.6	<0.03	---	<0.03	---	---	---	---	---
Acenaphthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Acenaphthylene	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Anthracene	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluorene	mg/kg	---	---	---	---	---	---	---	---	---	---
Chrysene	mg/kg	---	---	---	---	---	---	---	---	---	---
Pyrene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(a)anthracene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(b+k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	---	1.4	0.14	---	0.11	---	---	---	---	---
Dibenz(a,h)anthracene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH 16 Total	mg/kg	---	---	---	---	---	<16	<16	<16	<16	<17
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	mg/kg	---	---	---	---	---	---	---	---	---	---
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---	---
Xylenols	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	---	---	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-G	MG-G	MG-G	MG-G	MG-G	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		S1-TPE66	S1-TPE73	S1-TPE75	S1-TPE75	S1-TPE76	12BT1	12BT1	12BT2	12BT2	12BT3
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		2.5	0.2	1	3	1.6	20 Apr 2004 0.2 - 0.2	20 Apr 2004 4 - 4	20 Apr 2004 0.1 - 0.1	20 Apr 2004 3.9 - 3.9	20 Apr 2004 0.2 - 0.2
	Unit										
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
Trihalomethanes	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	---	---
tert-Amyl methyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichlorobenzene (total)	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC											
1,4-dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzyl alcohol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,6-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,6-Dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-G	MG-G	MG-G	MG-G	MG-G	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		S1-TPE66	S1-TPE73	S1-TPE75	S1-TPE75	S1-TPE76	12BT1	12BT1	12BT2	12BT2	12BT3
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		2.5	0.2	1	3	1.6	20 Apr 2004 0.2 - 0.2	20 Apr 2004 4 - 4	20 Apr 2004 0.1 - 0.1	20 Apr 2004 3.9 - 3.9	20 Apr 2004 0.2 - 0.2
	Unit										
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
Aniline	mg/kg	---	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Diphenylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pesticides											
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		S1-TPE66	S1-TPE73	S1-TPE75	S1-TPE75	S1-TPE76	12BT1	12BT1	12BT2	12BT2	12BT3
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number											
Date							20 Apr 2004	20 Apr 2004	20 Apr 2004	20 Apr 2004	20 Apr 2004
Depth		2.5	0.2	1	3	1.6	0.2 - 0.2	4 - 4	0.1 - 0.1	3.9 - 3.9	0.2 - 0.2
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-Dichlorprop	mg/kg	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	---	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		12BT3	15DT27	15ET26	15ET26	15ET35	15ET35	15ET36	15ET37	16BB1	A-BH3
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
											23-24360
		20 Apr 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	02 Oct 2023
Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	4 - 4	4 - 4	0.4 - 0.4	3.9 - 3.9	0.3 - 0.3	4.1 - 4.1	0.2 - 0.2	4.2 - 4.2	2.5 - 2.5	0.3
Metals											
Aluminium	mg/kg	---	---	---	---	---	---	---	---	---	---
Antimony	mg/kg	---	---	---	---	---	---	---	---	---	---
Arsenic	mg/kg	19.8	13.1	303.5	59.5	17.9	12.8	9.8	17.9	3.5	---
Barium	mg/kg	---	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron	mg/kg	1.5	2.1	2.2	2.5	1.8	2.4	2.4	2	1.3	---
Boron (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cadmium	mg/kg	1.2	1.13	2.87	0.88	2.62	0.44	0.35	1.47	0.39	---
Calcium	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium (hexavalent)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	22.7	61.1	197.5	44.3	31.7	49.1	34.1	66.9	2,600	---
Chromium (Trivalent)	mg/kg	22.7	---	---	---	---	---	---	---	---	---
Copper	mg/kg	4	7.5	15.4	5.5	17.9	4.4	2	11.9	36.7	---
Iron	mg/kg	---	---	---	---	---	---	---	---	---	---
Lead	mg/kg	68.9	73.5	255.7	131.9	303.7	53.8	32.9	270.1	23.8	---
Magnesium	mg/kg	---	---	---	---	---	---	---	---	---	---
Manganese	mg/kg	---	---	---	---	---	---	---	---	---	---
Mercury	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.26	---
Molybdenum	mg/kg	---	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	3	3.7	31.2	6	47	4.1	3.7	17.9	10.3	---
Potassium	mg/kg	---	---	---	---	---	---	---	---	---	---
Selenium	mg/kg	5.9	6.47	4.48	5.94	2.7	5.37	5.78	4.37	2.3	---
Silicon	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Tin	mg/kg	---	---	---	---	---	---	---	---	---	---
Titanium	mg/kg	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	---	---	---	---	---	---	---	---	---	---
Zinc	mg/kg	270.6	216.8	2,150.8	535.8	914.7	311.9	212	948.2	87.3	---
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as N)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloride	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	<1	<1	<1	<1	<1	<1	<1	<1	<1	---
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	10	6	14	5	6	4	8	13	<1	---
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	---	---	---	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	10.3	11	9	10.2	10	10.7	10.8	10.9	12.8	---
Sulphur as S	%	1.05	1.27	1.45	1.13	0.62	1.17	1.1	1.01	0.26	---
Sulphur (free)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphide	mg/kg	---	656	339	1,529	1,440	2,318	3,154	863	156	---
Sulphide (filtered)	mg/kg	2,652	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluoride	mg/kg	---	---	---	---	---	---	---	---	---	---
Other											
Organic Matter	%	---	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	---	---	---	---	---	---	---	---	---	---
TPH CWG											
>C5-C6 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C6-C8 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		12BT3	15DT27	15ET26	15ET26	15ET35	15ET35	15ET36	15ET37	16BB1	A-BH3
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number											23-24360
Date		20 Apr 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	02 Oct 2023
Depth		4 - 4	4 - 4	0.4 - 0.4	3.9 - 3.9	0.3 - 0.3	4.1 - 4.1	0.2 - 0.2	4.2 - 4.2	2.5 - 2.5	0.3
	Unit										
>C8-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C10-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C16-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC8-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC12-EC16 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH											
EPH >C10-40	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO	mg/kg	---	<0.2	<0.5	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	---
GRO C5-C10	mg/kg	<0.2	---	---	---	---	---	---	---	---	---
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH by GC/FID (AR)	mg/kg	36	110	51	62	28	26	16	35	29	---
BTEX and MTBE											
Benzene	mg/kg	<10	<0.01	<0.025	<0.01	<0.01	<0.025	<0.01	<0.01	<0.01	---
Toluene	mg/kg	<10	<0.01	<0.025	<0.01	<0.01	<0.025	<0.01	<0.01	<0.01	---
Ethylbenzene	mg/kg	<10	<0.01	<0.025	<0.01	<0.01	<0.025	<0.01	<0.01	<0.01	---
Xylene (m & p)	mg/kg	---	---	---	---	---	---	---	---	---	---
Xylene (o)	mg/kg	---	---	---	---	---	---	---	---	---	---
Xylene Total	mg/kg	<20	<0.02	<0.05	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	---
MTBE	mg/kg	---	---	---	---	---	---	---	---	---	---
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Coronene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	---	<1	<1	<1	<1	<1	<1	<1	<1	---
Acenaphthene	mg/kg	---	<1	<1	<1	<1	<1	<1	<1	<1	---
Acenaphthylene	mg/kg	---	<1	<1	<1	<1	<1	<1	<1	<1	---
Fluoranthene	mg/kg	---	<1	<1	<1	<1	<1	<1	<1	<1	---
Anthracene	mg/kg	---	<1	<1	<1	<1	<1	<1	<1	<1	---
Phenanthrene	mg/kg	---	<1	<1	<1	<1	<1	<1	<1	<1	---
Fluorene	mg/kg	---	<1	<1	<1	<1	<1	<1	<1	<1	---
Chrysene	mg/kg	---	<1	<1	<1	<1	<1	<1	<1	<1	---
Pyrene	mg/kg	---	<1	<1	<1	<1	<1	<1	<1	<1	---
Benzo(a)anthracene	mg/kg	---	<1	<1	<1	<1	<1	<1	<1	<1	---
Benzo(b)fluoranthene	mg/kg	---	<1	<1	<1	<1	<1	<1	<1	<1	---
Benzo(k)fluoranthene	mg/kg	---	<1	<1	<1	<1	<1	<1	<1	<1	---
Benzo(b+k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	---	<1	<1	<1	<1	<1	<1	<1	<1	---
Dibenz(a,h)anthracene	mg/kg	---	<1	<1	<1	<1	<1	<1	<1	<1	---
Benzo(g,h,i)perylene	mg/kg	---	<1	<1	<1	<1	<1	<1	<1	<1	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	<1	<1	<1	<1	<1	<1	<1	<1	---
PAH 16 Total	mg/kg	<16	---	---	---	---	---	---	---	---	---
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	mg/kg	---	---	---	---	---	---	---	---	---	---
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---	---
Xylenols	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
Phenol	mg/kg	<0.5	---	---	---	---	---	---	---	---	---
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		12BT3	15DT27	15ET26	15ET26	15ET35	15ET35	15ET36	15ET37	16BB1	A-BH3
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
											23-24360
		20 Apr 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	02 Oct 2023
		4 - 4	4 - 4	0.4 - 0.4	3.9 - 3.9	0.3 - 0.3	4.1 - 4.1	0.2 - 0.2	4.2 - 4.2	2.5 - 2.5	0.3
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
Trihalomethanes	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	---	---
tert-Amyl methyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichlorobenzene (total)	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC											
1,4-dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzyl alcohol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,6-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,6-Dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		12BT3	15DT27	15ET26	15ET26	15ET35	15ET35	15ET36	15ET37	16BB1	A-BH3
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
											23-24360
		20 Apr 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	02 Oct 2023
		4 - 4	4 - 4	0.4 - 0.4	3.9 - 3.9	0.3 - 0.3	4.1 - 4.1	0.2 - 0.2	4.2 - 4.2	2.5 - 2.5	0.3
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
Aniline	mg/kg	---	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Diphenylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	<0.035
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pesticides											
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	<0.035



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		12BT3	15DT27	15ET26	15ET26	15ET35	15ET35	15ET36	15ET37	16BB1	A-BH3
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number											23-24360
Date		20 Apr 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	02 Oct 2023
Depth		4 - 4	4 - 4	0.4 - 0.4	3.9 - 3.9	0.3 - 0.3	4.1 - 4.1	0.2 - 0.2	4.2 - 4.2	2.5 - 2.5	0.3
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	<0.035
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	<0.035
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	<0.035
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	<0.035
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---	---	---	<0.035
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	<0.2
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	---	---	<0.3
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	<0.035
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	<0.035
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	<0.035
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	<0.035
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	<0.035
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
DDT	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	<0.035
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	<0.035
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	<0.035
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	<0.035
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	<0.035
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	<0.035
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	<0.035
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	---	---	---	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		A-BH3	A-BH3	A-BH3	A-BH3	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-24360	23-24360	23-24360	23-24360	23-05120	23-05120	23-05120	23-05120	23-05120	23-26202
		02 Oct 2023	02 Oct 2023	02 Oct 2023	03 Oct 2023	23 Feb 2023	23 Feb 2023	23 Feb 2023	23 Feb 2023	24 Feb 2023	24 Feb 2023
Depth		0.5	1.7	3.5	4.8	0.1	0.5	0.5	3.35	3.35	0.3
	Unit										
Metals											
Aluminium	mg/kg	8,000	20,000	9,200	8,500	---	51,000	---	8,600	---	---
Antimony	mg/kg	19	13	22	19	---	<1	---	8.2	---	---
Arsenic	mg/kg	3.6	3.7	5.3	8.1	---	8.4	---	11	---	---
Barium	mg/kg	330	950	1,100	880	---	320	---	770	---	---
Beryllium	mg/kg	0.3	1.1	0.5	0.7	---	5.7	---	1	---	---
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron (filtered)	mg/kg	1.9	0.9	1.6	5.2	---	4.2	---	0.8	---	---
Cadmium	mg/kg	0.2	0.2	0.2	0.4	---	0.2	---	0.4	---	---
Calcium	mg/kg	310,000	72,000	190,000	280,000	---	140,000	---	200,000	---	---
Chromium (hexavalent)	mg/kg	<1	<1	<1	<1	---	<1	---	<1	---	---
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	1,400	980	1,700	1,400	---	---	---	---	---	---
Chromium (Trivalent)	mg/kg	1,400	980	1,700	1,400	---	16	---	640	---	---
Copper	mg/kg	100	39	44	60	---	12	---	74	---	---
Iron	mg/kg	200,000	140,000	180,000	170,000	---	8,700	---	120,000	---	---
Lead	mg/kg	39	12	14	34	---	16	---	28	---	---
Magnesium	mg/kg	53,000	52,000	51,000	66,000	---	26,000	---	27,000	---	---
Manganese	mg/kg	45,000	2,300	31,000	58,000	---	1,100	---	21,000	---	---
Mercury	mg/kg	<0.05	<0.05	<0.05	<0.05	---	<0.05	---	<0.05	---	---
Molybdenum	mg/kg	7.7	3.1	6.4	5.8	---	1.5	---	4.6	---	---
Nickel	mg/kg	12	3.6	6.2	12	---	5.1	---	22	---	---
Potassium	mg/kg	390	1,100	510	500	---	3,500	---	710	---	---
Selenium	mg/kg	11	18	13	14	---	1	---	5.6	---	---
Silicon	mg/kg	40,000	---	---	---	---	73,000	---	56,000	---	---
Sodium	mg/kg	410	770	340	540	---	1,800	---	670	---	---
Tin	mg/kg	30	3.5	6	7.9	---	1.4	---	21	---	---
Titanium	mg/kg	1,100	1,000	1,000	490	---	830	---	700	---	---
Vanadium	mg/kg	4,200	4,500	4,300	4,800	---	47	---	2,100	---	---
Zinc	mg/kg	270	50	44	150	---	170	---	60	---	---
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	<0.5	<0.5	<0.5	<0.5	---	1.7	---	0.68	---	---
Nitrite (as N)	mg/kg	<0.5	<0.5	<0.5	<0.5	---	<0.5	---	<0.5	---	---
Chloride	mg/kg	31.3	2	5.2	6.1	---	8.7	---	36.1	---	---
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	<0.1	<0.1	<0.1	0.1	---	<0.1	---	<0.1	---	---
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	0.2	<0.1	<0.1	0.4	---	0.1	---	0.1	---	---
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	<0.2	<0.2	<0.2	0.3	---	<0.2	---	<0.2	---	---
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	<1	1.4	2.5	3.6	---	<1	---	6.9	---	---
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	<1	<1	<1	<1	---	<1	---	<1	---	---
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	2,000	2,900	4,800	5,600	---	14,000	---	6,400	---	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	44	17	34	160	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	1.4	---	0.61	---	---
pH (Lab)	pH_Units	---	---	---	---	---	10.1	---	11.8	---	---
Sulphur as S	%	0.17	0.21	0.27	0.34	---	0.5	0.011	0.36	<0.000075	---
Sulphur (free)	mg/kg	<0.75	<0.75	<0.75	<0.75	---	110	---	<0.75	---	---
Sulphide	mg/kg	160	160	280	410	---	3,600	---	670	---	---
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	1.4	---	0.64	---	---
Thiocyanate (as SCN)	mg/kg	6.3	1.9	6.6	2	---	<0.6	---	<0.6	---	---
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	<0.20	<0.20	<0.20	<0.20	---	<0.20	---	<0.20	---	---
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	<0.1	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	---
Fluoride	mg/kg	3.3	1.3	<1	1.8	---	<1	---	25	---	---
Other											
Organic Matter	%	0.2	0.7	0.4	0.3	---	0.2	---	0.4	---	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	4.4	6.5	8.5	13	---	11	---	10	---	---
TPH CWG											
>C5-C6 Aliphatics	mg/kg	<0.01	<0.01	---	---	---	<0.01	---	<0.01	---	---
>C6-C8 Aliphatics	mg/kg	<0.01	<0.01	---	---	---	<0.01	---	<0.01	---	---
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		A-BH3	A-BH3	A-BH3	A-BH3	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-TP5
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-24360	23-24360	23-24360	23-24360	23-05120	23-05120	23-05120	23-05120	23-05120	23-26202
Date		02 Oct 2023	02 Oct 2023	02 Oct 2023	03 Oct 2023	23 Feb 2023	23 Feb 2023	23 Feb 2023	24 Feb 2023	24 Feb 2023	31 Oct 2023
Depth		0.5	1.7	3.5	4.8	0.1	0.5	0.5	3.35	3.35	0.3
	Unit										
>C8-C10 Aliphatics	mg/kg	<0.01	<0.01	---	---	---	<0.01	---	<0.01	---	---
>C10-C44 Aliphatics	mg/kg	18	<10	---	---	---	<10	---	<10	---	---
>C10-C12 Aliphatics	mg/kg	<1.5	<1.5	---	---	---	<1.5	---	<1.5	---	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	<1.2	<1.2	---	---	---	<1.2	---	<1.2	---	---
>C16-C21 Aliphatics	mg/kg	4.3	<1.5	---	---	---	<1.5	---	<1.5	---	---
>C16-C35 Aliphatics	mg/kg	15.3	<4.9	---	---	---	<4.9	---	<4.9	---	---
>C21-C35 Aliphatics	mg/kg	11	<3.4	---	---	---	<3.4	---	<3.4	---	---
>C35-C44 Aliphatics	mg/kg	<3.4	<3.4	---	---	---	<3.4	---	<3.4	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	<0.01	<0.01	---	---	---	<0.01	---	<0.01	---	---
>EC7-EC8 Aromatics	mg/kg	<0.01	<0.01	---	---	---	<0.01	---	<0.01	---	---
>EC10-EC44 Aromatics	mg/kg	<10	<10	---	---	---	<10	---	<10	---	---
>EC8-EC10 Aromatics	mg/kg	<0.01	<0.01	---	---	---	<0.01	---	<0.01	---	---
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	<0.9	<0.9	---	---	---	<0.9	---	<0.9	---	---
>EC12-EC16 Aromatics	mg/kg	<0.5	<0.5	---	---	---	<0.5	---	<0.5	---	---
>EC16-EC21 Aromatics	mg/kg	<0.6	<0.6	---	---	---	<0.6	---	<0.6	---	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	<1.4	<1.4	---	---	---	<1.4	---	<1.4	---	---
>EC35-EC44 Aromatics	mg/kg	<1.4	<1.4	---	---	---	<1.4	---	<1.4	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	18	<10	---	---	---	<10	---	<10	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	15.3	<10	---	---	---	<10	---	<10	---	---
TPH											
EPH >C10-40	mg/kg	<10	35	<10	<10	---	<10	---	<10	---	---
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	<0.1	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	---
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	<0.002	<0.002	---	---	<0.01	---	---	<0.01	---	---
Toluene	mg/kg	<0.005	<0.005	---	---	<0.01	---	---	<0.01	---	---
Ethylbenzene	mg/kg	<0.002	<0.002	---	---	<0.01	---	---	<0.01	---	---
Xylene (m & p)	mg/kg	<0.002	<0.002	---	---	<0.01	---	---	<0.01	---	---
Xylene (o)	mg/kg	<0.002	<0.002	---	---	<0.01	---	---	<0.01	---	---
Xylene Total	mg/kg	<0.004	<0.004	---	---	<0.02	---	---	<0.02	---	---
MTBE	mg/kg	<0.005	<0.005	---	---	<0.01	---	---	<0.01	---	---
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Coronene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	<0.03	<0.03	<0.03	<0.03	<0.01	<0.03	---	<0.03	---	---
Acenaphthene	mg/kg	<0.03	<0.03	<0.03	<0.03	<0.1	<0.03	---	<0.03	---	---
Acenaphthylene	mg/kg	<0.03	<0.03	<0.03	<0.03	0.2	<0.03	---	<0.03	---	---
Fluoranthene	mg/kg	0.05	<0.03	<0.03	<0.03	1	0.1	---	0.22	---	---
Anthracene	mg/kg	<0.03	<0.03	<0.03	<0.03	0.2	<0.03	---	0.09	---	---
Phenanthrene	mg/kg	<0.03	<0.03	<0.03	<0.03	0.6	0.03	---	0.04	---	---
Fluorene	mg/kg	<0.03	<0.03	<0.03	<0.03	<0.1	<0.03	---	<0.03	---	---
Chrysene	mg/kg	<0.03	<0.03	<0.03	<0.03	0.5	0.06	---	0.07	---	---
Pyrene	mg/kg	<0.03	<0.03	<0.03	<0.03	0.8	0.08	---	0.16	---	---
Benzo(a)anthracene	mg/kg	<0.03	<0.03	<0.03	<0.03	0.5	0.03	---	0.04	---	---
Benzo(b)fluoranthene	mg/kg	<0.03	<0.03	<0.03	<0.03	0.4	0.06	---	0.06	---	---
Benzo(k)fluoranthene	mg/kg	<0.03	<0.03	<0.03	<0.03	0.4	<0.03	---	<0.03	---	---
Benzo(b+k)fluoranthene	mg/kg	<0.06	<0.06	<0.06	<0.06	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	<0.03	<0.03	<0.03	<0.03	0.6	0.06	---	<0.03	---	---
Dibenz(a,h)anthracene	mg/kg	<0.03	<0.03	<0.03	<0.03	<0.1	<0.03	---	<0.03	---	---
Benzo(g,h,i)perylene	mg/kg	<0.03	<0.03	<0.03	<0.03	0.3	<0.03	---	<0.03	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.03	<0.03	<0.03	<0.03	0.2	0.04	---	<0.03	---	---
PAH 16 Total	mg/kg	<0.1	<0.1	<0.1	<0.1	---	0.4	---	0.68	---	---
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	mg/kg	<0.3	<0.3	<0.3	<0.3	---	<0.3	---	<0.3	---	---
3/4-Methylphenol (m/p-cresol)	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
Xylenols	mg/kg	---	---	---	---	---	<0.01	---	<0.01	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	<0.01	---	<0.01	---	<0.1	<0.01	---	<0.01	---	---
Phenols Monohydric	mg/kg	---	---	---	---	---	<0.3	---	<0.3	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	<0.02	---	---	---	<0.02	---	---	<0.02	---	---
Styrene	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
cis-1,3-dichloropropene	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
trans-1,3-dichloropropene	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		A-BH3	A-BH3	A-BH3	A-BH3	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-24360	23-24360	23-24360	23-24360	23-05120	23-05120	23-05120	23-05120	23-05120	23-26202
		02 Oct 2023	02 Oct 2023	02 Oct 2023	03 Oct 2023	23 Feb 2023	23 Feb 2023	23 Feb 2023	24 Feb 2023	24 Feb 2023	31 Oct 2023
		0.5	1.7	3.5	4.8	0.1	0.5	0.5	3.35	3.35	0.3
	Unit										
1,1,1,2-tetrachloroethane	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
1,1,1-trichloroethane	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
1,1-dichloroethane	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
1,1-dichloroethene	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
1,1-dichloropropene	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
1,2,3-trichloropropane	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
1,2,4-trimethylbenzene	mg/kg	<0.01	---	---	---	0.56	---	---	<0.01	---	---
1,2-dibromo-3-chloropropane	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
1,2-dibromoethane	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
1,2-dichloroethane	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	<0.02	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
1,3,5-trimethylbenzene	mg/kg	<0.01	---	---	---	0.16	---	---	<0.01	---	---
1,3-dichloropropane	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
2,2-dichloropropane	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
Trihalomethanes	mg/kg	<0.04	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
4-chlorotoluene	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
Bromobenzene	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
Bromochloromethane	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
Bromodichloromethane	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
Bromoform	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
Chlorodibromomethane	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
Dibromomethane	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
n-butylbenzene	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
n-propylbenzene	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
p-isopropyltoluene	mg/kg	<0.01	---	---	---	0.01	---	---	<0.01	---	---
sec-butylbenzene	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
Trichloroethene	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
tert-butylbenzene	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
Tetrachloroethene	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
trans-1,2-dichloroethene	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
tert-Amyl methyl ether	mg/kg	<0.005	<0.005	---	---	---	---	---	---	---	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
1,2,4-trichlorobenzene	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
1,2-dichlorobenzene	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
1,3-dichlorobenzene	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
1,4-dichlorobenzene	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
Chlorobenzene	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
Hexachlorobutadiene	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
Trichlorobenzene (total)	mg/kg	<0.02	---	---	---	---	---	---	---	---	---
SVOC											
1,4-dinitrobenzene	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
Benzyl alcohol	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
4-bromophenyl phenyl ether	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
4-nitroaniline	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
4-nitrophenol	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
1,2-Dinitrobenzene	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
1,3-Dinitrobenzene	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
2,3,4,6-tetrachlorophenol	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
2,4,5-trichlorophenol	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
2,4,6-trichlorophenol	mg/kg	<0.01	---	<0.01	---	<0.1	<0.01	---	<0.01	---	---
2,4-dichlorophenol	mg/kg	<0.01	---	<0.01	---	<0.1	<0.01	---	<0.01	---	---
2,4-dimethylphenol	mg/kg	<0.01	---	<0.01	---	<0.1	<0.01	---	<0.01	---	---
2,4-dinitrotoluene	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
2,6-dichlorophenol	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	<0.01	---	---
2,6-Dimethylphenol	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	<0.01	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		A-BH3	A-BH3	A-BH3	A-BH3	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-24360	23-24360	23-24360	23-24360	23-05120	23-05120	23-05120	23-05120	23-05120	23-26202
		02 Oct 2023	02 Oct 2023	02 Oct 2023	03 Oct 2023	23 Feb 2023	23 Feb 2023	23 Feb 2023	24 Feb 2023	24 Feb 2023	31 Oct 2023
		0.5	1.7	3.5	4.8	0.1	0.5	0.5	3.35	3.35	0.3
	Unit										
2,6-dinitrotoluene	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
2-chloronaphthalene	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
2-chlorophenol	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
2-methylnaphthalene	mg/kg	<0.1	---	---	---	0.2	---	---	<0.1	---	---
2-methylphenol	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
2-nitroaniline	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
4,6-Dinitro-2-methylphenol	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
4-chloro-3-methylphenol	mg/kg	<0.01	---	<0.01	---	<0.1	<0.01	---	<0.01	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
4-methylphenol	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	<0.01	---	---
Aniline	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
Azobenzene	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
Bis(2-chloroethoxy) methane	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
Butyl benzyl phthalate	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
Carbazole	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
Dibenzofuran	mg/kg	<0.1	---	---	---	0.1	---	---	<0.1	---	---
Diethylphthalate	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
Dimethyl phthalate	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
Di-n-butyl phthalate	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
Di-n-octyl phthalate	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
Diphenylamine	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
Hexachlorobenzene	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
Hexachlorocyclopentadiene	mg/kg	<0.1	---	---	---	<0.1	---	---	<0.1	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	<0.035	---	---	---	<0.1	---	---	<0.1	---	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	<0.01	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	<0.12	<0.12	<0.12	<0.12	---	---	---	---	---	---
Pesticides											
Heptachlor epoxide	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	<0.035	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		A-BH3	A-BH3	A-BH3	A-BH3	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-TP5
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-24360	23-24360	23-24360	23-24360	23-05120	23-05120	23-05120	23-05120	23-05120	23-26202
Date		02 Oct 2023	02 Oct 2023	02 Oct 2023	03 Oct 2023	23 Feb 2023	23 Feb 2023	23 Feb 2023	24 Feb 2023	24 Feb 2023	31 Oct 2023
Depth		0.5	1.7	3.5	4.8	0.1	0.5	0.5	3.35	3.35	0.3
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	<0.035	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	<0.035	---	---	---	---	---	---	---	---	---
Hedonal	mg/kg	<0.035	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	<0.035	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	<0.035	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	<0.2	---	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	<0.3	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	<0.035	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	<0.035	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	<0.035	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	<0.035	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	<0.035	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
DDT	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	<0.035	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	<0.035	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	<0.035	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	<0.035	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	<0.035	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	<0.035	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	<0.035	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	12.5	12.2	12.4	11.9	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		A-TP5	A-TP5	A-TP5	A-TP5	B-BH1	B-BH1	B-BH1	B-BH1	B-BH1	B-BH2
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-26202	23-26202	23-26202	23-26202	23-24808	23-24808	23-24808	23-24808	23-24808	23-23244
		31 Oct 2023	31 Oct 2023	31 Oct 2023	31 Oct 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	26 Sep 2023
		0.5	0.9	1.9	3.9	0.35	0.7	1.3	2.3	3.8	0.3
	Unit										
Metals											
Aluminium	mg/kg	20,000	---	7,400	7,300	27,000	38,000	---	18,000	9,000	41,000
Antimony	mg/kg	11	---	22	17	1.2	<1	---	13	15	6.1
Arsenic	mg/kg	16	---	1.5	2	7.9	5	---	5.3	3.5	22
Barium	mg/kg	140	---	1,200	640	260	300	---	580	880	230
Beryllium	mg/kg	1.4	---	0.5	<0.2	2.8	4.4	---	1.4	0.7	3.5
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron (filtered)	mg/kg	8.7	---	1.7	3.1	2.5	3.7	---	2	1.7	4.1
Cadmium	mg/kg	1.3	---	0.3	0.3	0.1	<0.1	---	0.2	0.2	0.8
Calcium	mg/kg	150,000	---	220,000	220,000	110,000	130,000	---	190,000	200,000	160,000
Chromium (hexavalent)	mg/kg	<1	---	<1	<1	<1	<1	---	<1	<1	<1
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	620	---	1,600	1,200	56	24	---	980	1,100	300
Chromium (Trivalent)	mg/kg	620	---	1,600	1,200	56	24	---	980	1,100	300
Copper	mg/kg	91	---	48	52	11	5.4	---	29	38	54
Iron	mg/kg	81,000	---	93,000	82,000	16,000	7,400	---	72,000	99,000	74,000
Lead	mg/kg	100	---	16	20	14	6.5	---	11	9.2	71
Magnesium	mg/kg	29,000	---	34,000	35,000	19,000	21,000	---	29,000	33,000	26,000
Manganese	mg/kg	37,000	---	25,000	28,000	12,000	2,900	---	22,000	33,000	9,300
Mercury	mg/kg	2.2	---	<0.05	<0.05	<0.05	<0.05	---	<0.05	<0.05	0.09
Molybdenum	mg/kg	8.3	---	6.9	6.2	0.8	<0.4	---	3.2	3.8	1.5
Nickel	mg/kg	32	---	9.1	8.4	4.5	2.7	---	5.2	5.4	19
Potassium	mg/kg	780	---	310	250	960	2,400	---	860	520	2,600
Selenium	mg/kg	17	---	11	13	7.2	2.8	---	11	14	3.3
Silicon	mg/kg	38,000	---	---	---	---	68,000	---	---	---	---
Sodium	mg/kg	510	---	280	260	810	1,100	---	740	490	1,300
Tin	mg/kg	11	---	7.4	10	<1	<1	---	3.7	6.3	4.2
Titanium	mg/kg	1,200	---	1,400	1,100	900	550	---	900	350	930
Vanadium	mg/kg	1,000	---	2,200	2,500	460	94	---	1,800	2,800	440
Zinc	mg/kg	310	---	42	37	34	23	---	36	28	350
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	0.58	---	<0.5	0.5	1.7	0.87	---	0.97	0.72	2.2
Nitrite (as N)	mg/kg	3.2	---	4.1	5.7	<0.5	<0.5	---	<0.5	<0.5	<0.5
Chloride	mg/kg	70	---	82.6	68.3	149	127	---	159	53	34.3
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	---	<0.1	<0.1	<0.1
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	11	---	0.5	0.5	0.2	<0.1	---	<0.1	0.8	0.9
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	11	---	0.5	0.5	<0.2	<0.2	---	<0.2	0.8	0.9
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	56	---	37	54	2.2	<1	---	4.7	14	20
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	<1	---	4.8	3.9	<1	<1	---	4.2	11	2.5
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	9,600	---	3,600	3,300	18,000	18,000	---	6,900	4,100	13,000
Sulphate (2:1 Water Soluble) as SO4	mg/L	1,800	---	11	24	1,100	1,700	---	240	110	1,100
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	---	---	---	---	---	---	---	---	---
Sulphur as S	%	0.18	---	0.11	0.11	0.41	0.55	---	0.28	0.24	0.47
Sulphur (free)	mg/kg	<0.75	---	<0.75	<0.75	89	24	---	2.2	1.5	23
Sulphide	mg/kg	<10	---	590	130	980	2,700	---	570	840	1,400
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	1.2	---	<0.6	0.8	0.9	7.2	---	<0.6	<0.6	1.1
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	<0.20	---	<0.20	<0.20	<0.20	<0.20	---	<0.20	<0.20	<0.20
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	---	<0.1	<0.1	<0.1
Fluoride	mg/kg	25	---	15	23	7.8	3.1	---	11	13	2.8
Other											
Organic Matter	%	1.8	---	0.6	0.4	0.8	1.5	---	0.1	0.5	0.8
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	9	---	4.3	6.3	5	11	---	8.2	3.6	7.6
TPH CWG											
>C5-C6 Aliphatics	mg/kg	<0.01	---	---	---	---	<0.01	---	---	<0.01	---
>C6-C8 Aliphatics	mg/kg	<0.01	---	---	---	---	<0.01	---	---	<0.01	---
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth										
	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
	A-TP5	A-TP5	A-TP5	A-TP5	B-BH1	B-BH1	B-BH1	B-BH1	B-BH1	B-BH2
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	23-26202	23-26202	23-26202	23-26202	23-24808	23-24808	23-24808	23-24808	23-24808	23-23244
Unit	31 Oct 2023	31 Oct 2023	31 Oct 2023	31 Oct 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	26 Sep 2023
	0.5	0.9	1.9	3.9	0.35	0.7	1.3	2.3	3.8	0.3
>C8-C10 Aliphatics	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---
>C10-C44 Aliphatics	mg/kg	40	---	---	---	140	---	---	<10	---
>C10-C12 Aliphatics	mg/kg	<1.5	---	---	---	<1.5	---	---	<1.5	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	<1.2	---	---	---	<1.2	---	---	<1.2	---
>C16-C21 Aliphatics	mg/kg	4.3	---	---	---	12	---	---	<1.5	---
>C16-C35 Aliphatics	mg/kg	27.3	---	---	---	103	---	---	<4.9	---
>C21-C35 Aliphatics	mg/kg	23	---	---	---	91	---	---	<3.4	---
>C35-C44 Aliphatics	mg/kg	12	---	---	---	37	---	---	<3.4	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---
>EC7-EC8 Aromatics	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---
>EC10-EC44 Aromatics	mg/kg	72	---	---	---	190	---	---	<10	---
>EC8-EC10 Aromatics	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	<0.9	---	---	---	<0.9	---	---	<0.9	---
>EC12-EC16 Aromatics	mg/kg	0.7	---	---	---	1.7	---	---	<0.5	---
>EC16-EC21 Aromatics	mg/kg	16	---	---	---	14	---	---	<0.6	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	51	---	---	---	110	---	---	<1.4	---
>EC35-EC44 Aromatics	mg/kg	4.6	---	---	---	60	---	---	<1.4	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	110	---	---	---	330	---	---	<10	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	111.6	---	---	---	325.7	---	---	<10	---
TPH										
EPH >C10-40	mg/kg	<10	---	<10	<10	12	440	---	<10	85
GRO	mg/kg	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	---	<0.1	<0.1
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---
BTEX and MTBE										
Benzene	mg/kg	<0.002	---	---	---	<0.002	---	---	<0.002	---
Toluene	mg/kg	<0.005	---	---	---	<0.005	---	---	<0.005	---
Ethylbenzene	mg/kg	<0.002	---	---	---	<0.002	---	---	<0.002	---
Xylene (m & p)	mg/kg	<0.002	---	---	---	<0.002	---	---	<0.002	---
Xylene (o)	mg/kg	<0.002	---	---	---	<0.002	---	---	<0.002	---
Xylene Total	mg/kg	<0.004	---	---	---	<0.004	---	---	<0.004	---
MTBE	mg/kg	<0.005	---	---	---	<0.005	---	---	<0.005	---
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---
PAH										
Coronene	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	0.17	---	<0.03	<0.03	<0.03	<0.03	---	<0.03	0.08
Acenaphthene	mg/kg	0.18	---	<0.03	<0.03	<0.03	<0.03	---	<0.03	<0.03
Acenaphthylene	mg/kg	0.18	---	<0.03	<0.03	<0.03	<0.03	---	<0.03	0.07
Fluoranthene	mg/kg	3.6	---	0.07	0.03	0.11	0.13	---	<0.03	1.2
Anthracene	mg/kg	0.43	---	<0.03	<0.03	<0.03	<0.03	---	<0.03	0.13
Phenanthrene	mg/kg	1.4	---	0.03	<0.03	0.03	0.06	---	<0.03	0.31
Fluorene	mg/kg	0.19	---	<0.03	<0.03	<0.03	<0.03	---	<0.03	0.03
Chrysene	mg/kg	1.8	---	0.04	<0.03	0.05	0.08	---	<0.03	0.8
Pyrene	mg/kg	3.9	---	0.06	0.03	0.09	0.16	---	<0.03	1.9
Benzo(a)anthracene	mg/kg	2.1	---	<0.03	<0.03	0.04	0.36	---	0.03	0.85
Benzo(b)fluoranthene	mg/kg	2.5	---	0.03	<0.03	0.07	0.09	---	<0.03	0.97
Benzo(k)fluoranthene	mg/kg	0.93	---	<0.03	<0.03	<0.03	0.05	---	<0.03	0.37
Benzo(b+k)fluoranthene	mg/kg	3.43	---	0.06	<0.06	0.1	0.14	---	<0.06	1.34
Benzo(a)pyrene	mg/kg	1.7	---	<0.03	<0.03	<0.03	<0.03	---	<0.03	0.58
Dibenz(a,h)anthracene	mg/kg	0.25	---	<0.03	<0.03	<0.03	<0.03	---	<0.03	0.09
Benzo(g,h,i)perylene	mg/kg	0.98	---	<0.03	<0.03	0.03	<0.03	---	<0.03	0.4
Indeno(1,2,3-c,d)pyrene	mg/kg	0.85	---	<0.03	<0.03	<0.03	<0.03	---	<0.03	0.28
PAH 16 Total	mg/kg	21	---	0.2	<0.1	0.43	0.93	---	<0.1	8.1
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---
Phenolics										
Total Phenols (monohydric)	mg/kg	<0.3	---	<0.3	<0.3	0.4	<0.3	---	<0.3	<0.3
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	<0.1	---
Xylenols	mg/kg	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	0.07	---	---	---	---	0.02	---	<0.1	---
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---
VOC										
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	<0.02	---
Styrene	mg/kg	---	---	---	---	---	---	---	<0.01	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	<0.01	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	<0.01	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		A-TP5	A-TP5	A-TP5	A-TP5	B-BH1	B-BH1	B-BH1	B-BH1	B-BH1	B-BH2
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-26202	23-26202	23-26202	23-26202	23-24808	23-24808	23-24808	23-24808	23-24808	23-23244
		31 Oct 2023	31 Oct 2023	31 Oct 2023	31 Oct 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	26 Sep 2023
		0.5	0.9	1.9	3.9	0.35	0.7	1.3	2.3	3.8	0.3
	Unit										
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	---	---	---	---	---	---	---	<0.02	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
Trihalomethanes	mg/kg	---	---	---	---	---	---	---	---	<0.04	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
tert-Amyl methyl ether	mg/kg	<0.005	---	---	---	---	<0.005	---	---	<0.005	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
Trichlorobenzene (total)	mg/kg	---	---	---	---	---	---	---	---	<0.02	---
SVOC											
1,4-dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
Benzyl alcohol	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
1,2-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
1,3-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
2,4,6-trichlorophenol	mg/kg	<0.01	---	---	---	---	<0.01	---	---	<0.1	---
2,4-dichlorophenol	mg/kg	<0.01	---	---	---	---	<0.01	---	---	<0.1	---
2,4-dimethylphenol	mg/kg	<0.01	---	---	---	---	<0.01	---	---	<0.1	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
2,6-dichlorophenol	mg/kg	<0.01	---	---	---	---	<0.01	---	---	---	---
2,6-Dimethylphenol	mg/kg	<0.01	---	---	---	---	<0.01	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		A-TP5	A-TP5	A-TP5	A-TP5	B-BH1	B-BH1	B-BH1	B-BH1	B-BH1	B-BH2
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-26202	23-26202	23-26202	23-26202	23-24808	23-24808	23-24808	23-24808	23-24808	23-23244
		31 Oct 2023	31 Oct 2023	31 Oct 2023	31 Oct 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	26 Sep 2023
		0.5	0.9	1.9	3.9	0.35	0.7	1.3	2.3	3.8	0.3
	Unit										
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
4-chloro-3-methylphenol	mg/kg	<0.01	---	---	---	---	<0.01	---	---	<0.1	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
4-methylphenol	mg/kg	0.08	---	---	---	---	0.02	---	---	---	---
Aniline	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
Diphenylamine	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---	<0.1	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	5.26	---	0.12	<0.12	0.16	0.2	---	<0.12	<0.12	2.02
Pesticides											
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		A-TP5	A-TP5	A-TP5	A-TP5	B-BH1	B-BH1	B-BH1	B-BH1	B-BH1	B-BH2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-26202	23-26202	23-26202	23-26202	23-24808	23-24808	23-24808	23-24808	23-24808	23-23244
Date		31 Oct 2023	31 Oct 2023	31 Oct 2023	31 Oct 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	26 Sep 2023
Depth		0.5	0.9	1.9	3.9	0.35	0.7	1.3	2.3	3.8	0.3
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	11.7	---	12.3	12.2	10.8	10.4	---	11.7	11.9	11.4



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		B-BH2	B-BH2	B-BH2	B-BH2	B-BH3	B-BH3	B-BH3	B-BH3	B-BH3	B-BH3
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-23244	23-23244	23-23244	23-23244	23-24358	23-24358	23-24358	23-24358	23-24358	23-24358
		26 Sep 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	05 Oct 2023	05 Oct 2023	05 Oct 2023	05 Oct 2023	05 Oct 2023	05 Oct 2023
		0.5	1	1.5	3.3	0.3	0.5	1	2.8	4.3	4.3
Metals											
Aluminium	mg/kg	---	70,000	54,000	10,000	22,000	---	6,100	8,600	7,500	---
Antimony	mg/kg	---	3.4	3	<1	9.9	---	18	24	25	---
Arsenic	mg/kg	---	18	27	5.1	9	---	4.6	6.3	11	---
Barium	mg/kg	---	320	240	130	550	---	800	1,100	480	---
Beryllium	mg/kg	---	5.8	4.9	1	1.4	---	0.4	0.6	<0.2	---
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron (filtered)	mg/kg	---	2.2	5.1	2.9	2.1	---	1.5	2.3	4.5	---
Cadmium	mg/kg	---	0.1	1.2	0.2	0.4	---	0.2	0.2	0.6	---
Calcium	mg/kg	---	250,000	160,000	81,000	280,000	---	270,000	17,000	78,000	---
Chromium (hexavalent)	mg/kg	---	<1	<1	<1	<1	---	<1	<1	<1	---
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	---	220	82	55	690	---	1,300	1,700	1,700	---
Chromium (Trivalent)	mg/kg	---	220	82	55	690	---	1,300	1,700	1,700	---
Copper	mg/kg	---	15	24	8.5	34	---	43	72	140	---
Iron	mg/kg	---	66,000	54,000	14,000	110,000	---	120,000	140,000	17,000	---
Lead	mg/kg	---	12	110	19	27	---	32	18	89	---
Magnesium	mg/kg	---	35,000	25,000	21,000	41,000	---	36,000	39,000	8,900	---
Manganese	mg/kg	---	8,800	8,200	1,200	54,000	---	31,000	42,000	2,000	---
Mercury	mg/kg	---	<0.05	<0.05	<0.05	<0.05	---	<0.05	<0.05	0.05	---
Molybdenum	mg/kg	---	1.1	1.1	0.7	2.5	---	6.3	8.6	7.3	---
Nickel	mg/kg	---	14	18	7	8.4	---	5.7	13	27	---
Potassium	mg/kg	---	2,500	2,500	1,000	1,200	---	370	570	330	---
Selenium	mg/kg	---	2.9	3.3	0.5	14	---	9	14	12	---
Silicon	mg/kg	---	62,000	---	86,000	---	---	42,000	---	---	---
Sodium	mg/kg	---	1,300	740	570	700	---	250	400	330	---
Tin	mg/kg	---	1.3	1.4	<1	3.8	---	7.9	11	16	---
Titanium	mg/kg	---	880	700	370	510	---	1,200	440	1,000	---
Vanadium	mg/kg	---	380	270	90	4,500	---	2,500	3,100	170	---
Zinc	mg/kg	---	46	1,000	53	72	---	60	61	190	---
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	---	2.1	1.7	4	<0.5	---	<0.5	<0.5	<0.5	---
Nitrite (as N)	mg/kg	---	<0.5	<0.5	<0.5	<0.5	---	<0.5	<0.5	<0.5	---
Chloride	mg/kg	---	85.2	35.3	40	72.6	---	56.1	31.4	53.3	---
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	<0.1	<0.1	<0.1	<0.1	---	<0.1	<0.1	<0.1	---
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	---	0.1	0.7	<0.1	0.1	---	<0.1	<0.1	0.6	---
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	---	<0.2	0.7	<0.2	<0.2	---	<0.2	<0.2	0.6	---
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	14	15	7.7	12	---	22	19	50	---
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	3.6	<1	2.9	3.9	---	<1	4.8	9.4	---
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	16,000	29,000	3,500	3,900	---	7,800	4,400	8,500	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	---	1,300	1,800	420	260	---	1,300	48	420	---
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	---	---	---	---	---	---	---	---	---
Sulphur as S	%	---	0.61	0.75	0.14	0.29	---	0.32	0.29	0.34	---
Sulphur (free)	mg/kg	---	33	64	2	3.8	---	<0.75	<0.75	<0.75	---
Sulphide	mg/kg	---	1,800	1,500	740	270	---	270	240	250	---
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	0.8	1.2	<0.6	5.2	---	4.5	3.9	4.5	---
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	<0.20	<0.20	<0.20	<0.20	---	<0.20	<0.20	<0.20	---
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	---	<0.1	<0.1	<0.1	<0.1	---	<0.1	<0.1	<0.1	---
Fluoride	mg/kg	---	<1	<1	2.2	29	---	5.8	7.7	7.7	---
Other											
Organic Matter	%	---	0.5	0.9	0.6	0.7	---	0.5	0.3	0.6	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	---	10	10	7.7	7.4	---	5.2	5.6	14	---
TPH CWG											
>C5-C6 Aliphatics	mg/kg	---	<0.01	<0.01	<0.01	---	---	<0.01	---	<0.01	---
>C6-C8 Aliphatics	mg/kg	---	<0.01	<0.01	<0.01	---	---	<0.01	---	<0.01	---
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH2	B-BH2	B-BH2	B-BH2	B-BH3	B-BH3	B-BH3	B-BH3	B-BH3	B-BH3
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-23244	23-23244	23-23244	23-23244	23-24358	23-24358	23-24358	23-24358	23-24358	23-24358
Date		26 Sep 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	05 Oct 2023	05 Oct 2023	05 Oct 2023	05 Oct 2023	05 Oct 2023	05 Oct 2023
Depth		0.5	1	1.5	3.3	0.3	0.5	1	2.8	4.3	4.3
	Unit										
>C8-C10 Aliphatics	mg/kg	---	<0.01	<0.01	<0.01	---	---	<0.01	---	<0.01	---
>C10-C44 Aliphatics	mg/kg	---	<10	<10	<10	---	---	35	---	88	---
>C10-C12 Aliphatics	mg/kg	---	<1.5	<1.5	<1.5	---	---	<1.5	---	<1.5	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	<1.2	<1.2	<1.2	---	---	1.3	---	2.7	---
>C16-C21 Aliphatics	mg/kg	---	<1.5	<1.5	<1.5	---	---	6.7	---	32	---
>C16-C35 Aliphatics	mg/kg	---	<4.9	<4.9	<4.9	---	---	29.7	---	79	---
>C21-C35 Aliphatics	mg/kg	---	<3.4	<3.4	<3.4	---	---	23	---	47	---
>C35-C44 Aliphatics	mg/kg	---	<3.4	<3.4	<3.4	---	---	4.1	---	5.5	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	<0.01	<0.01	<0.01	---	---	<0.01	---	<0.01	---
>EC7-EC8 Aromatics	mg/kg	---	<0.01	<0.01	<0.01	---	---	<0.01	---	<0.01	---
>EC10-EC44 Aromatics	mg/kg	---	<10	<10	<10	---	---	38	---	75	---
>EC8-EC10 Aromatics	mg/kg	---	<0.01	<0.01	<0.01	---	---	<0.01	---	<0.01	---
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	<0.9	<0.9	<0.9	---	---	<0.9	---	<0.9	---
>EC12-EC16 Aromatics	mg/kg	---	<0.5	<0.5	<0.5	---	---	<0.5	---	<0.5	---
>EC16-EC21 Aromatics	mg/kg	---	<0.6	<0.6	<0.6	---	---	4.3	---	19	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	<1.4	<1.4	<1.4	---	---	29	---	47	---
>EC35-EC44 Aromatics	mg/kg	---	<1.4	<1.4	<1.4	---	---	4.5	---	8.5	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	<10	<10	<10	---	---	73	---	160	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	<10	<10	<10	---	---	72.9	---	161.7	---
TPH											
EPH >C10-40	mg/kg	---	<10	<10	<10	---	---	15	19	<10	---
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	<0.1	<0.1	<0.1	<0.1	---	<0.1	<0.1	<0.1	---
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	0.04	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	---	<0.002	<0.002	<0.002	---	---	<0.002	---	<0.002	---
Toluene	mg/kg	---	<0.005	<0.005	<0.005	---	---	0.01	---	0.006	<0.01
Ethylbenzene	mg/kg	---	<0.002	<0.002	<0.002	---	---	<0.002	---	<0.002	---
Xylene (m & p)	mg/kg	---	<0.002	<0.002	<0.002	---	---	<0.002	---	<0.002	---
Xylene (o)	mg/kg	---	<0.002	<0.002	<0.002	---	---	<0.002	---	<0.002	---
Xylene Total	mg/kg	---	<0.004	<0.004	<0.004	---	---	<0.004	---	<0.004	---
MTBE	mg/kg	---	<0.005	<0.005	<0.005	---	---	<0.005	---	<0.005	---
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Coronene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	---	<0.03	<0.03	<0.03	<0.03	---	<0.03	<0.03	<0.03	---
Acenaphthene	mg/kg	---	<0.03	<0.03	<0.03	<0.03	---	<0.03	<0.03	<0.03	---
Acenaphthylene	mg/kg	---	<0.03	<0.03	<0.03	<0.03	---	<0.03	<0.03	<0.03	---
Fluoranthene	mg/kg	---	0.06	0.3	0.28	0.12	---	0.15	0.04	0.37	---
Anthracene	mg/kg	---	<0.03	<0.03	0.05	<0.03	---	<0.03	<0.03	0.03	---
Phenanthrene	mg/kg	---	<0.03	0.09	0.22	0.07	---	0.07	<0.03	0.16	---
Fluorene	mg/kg	---	<0.03	<0.03	0.05	<0.03	---	<0.03	<0.03	<0.03	---
Chrysene	mg/kg	---	0.04	0.12	0.08	0.08	---	0.08	<0.03	0.16	---
Pyrene	mg/kg	---	0.1	0.2	0.2	0.11	---	0.12	<0.03	0.35	---
Benzo(a)anthracene	mg/kg	---	0.04	0.07	0.07	0.05	---	0.06	<0.03	0.13	---
Benzo(b)fluoranthene	mg/kg	---	<0.03	0.1	0.07	0.07	---	0.07	<0.03	0.15	---
Benzo(k)fluoranthene	mg/kg	---	<0.03	0.04	0.03	0.04	---	0.06	<0.03	0.07	---
Benzo(b+k)fluoranthene	mg/kg	---	<0.06	0.14	0.1	0.11	---	0.13	<0.06	0.22	---
Benzo(a)pyrene	mg/kg	---	<0.03	0.03	0.04	0.04	---	0.04	<0.03	0.09	---
Dibenz(a,h)anthracene	mg/kg	---	<0.03	<0.03	<0.03	<0.03	---	<0.03	<0.03	<0.03	---
Benzo(g,h,i)perylene	mg/kg	---	<0.03	0.03	<0.03	0.03	---	0.03	<0.03	0.06	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	<0.03	<0.03	<0.03	0.04	---	<0.03	<0.03	0.06	---
PAH 16 Total	mg/kg	---	0.23	0.96	1.1	0.6	---	0.66	<0.1	1.6	---
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	mg/kg	---	<0.3	<0.3	<0.3	1.5	---	1.7	1.7	2.2	---
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
Xylenols	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	<0.01	<0.01	---	---	---	<0.01	---	<0.01	---
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	<0.02	---	---	---	<0.02	---	<0.02	---
Styrene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
cis-1,3-dichloropropene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
trans-1,3-dichloropropene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH2	B-BH2	B-BH2	B-BH2	B-BH3	B-BH3	B-BH3	B-BH3	B-BH3	B-BH3
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-23244	23-23244	23-23244	23-23244	23-24358	23-24358	23-24358	23-24358	23-24358	23-24358
Date		26 Sep 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	05 Oct 2023	05 Oct 2023	05 Oct 2023	05 Oct 2023	05 Oct 2023	05 Oct 2023
Depth		0.5	1	1.5	3.3	0.3	0.5	1	2.8	4.3	4.3
	Unit										
1,1,1,2-tetrachloroethane	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
1,1,1-trichloroethane	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
1,1-dichloroethane	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
1,1-dichloroethene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
1,1-dichloropropene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
1,2,3-trichloropropane	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
1,2,4-trimethylbenzene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
1,2-dibromoethane	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
1,2-dichloroethane	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	---	<0.02	---	---	---	<0.02	---	<0.02	---
1,2-dichloropropane	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
1,3,5-trimethylbenzene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
1,3-dichloropropane	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
2,2-dichloropropane	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
Trihalomethanes	mg/kg	---	---	<0.04	---	---	---	<0.04	---	<0.04	---
2-chlorotoluene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
4-chlorotoluene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
Bromobenzene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
Bromochloromethane	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
Bromodichloromethane	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
Bromoform	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
Chlorodibromomethane	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
Dibromomethane	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
n-butylbenzene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
n-propylbenzene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
p-isopropyltoluene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
sec-butylbenzene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
Trichloroethene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
tert-butylbenzene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
Tetrachloroethene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
trans-1,2-dichloroethene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
tert-Amyl methyl ether	mg/kg	---	<0.005	<0.005	<0.005	---	---	<0.005	---	<0.005	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
1,2,4-trichlorobenzene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
1,2-dichlorobenzene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
1,3-dichlorobenzene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
1,4-dichlorobenzene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
Chlorobenzene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
Hexachlorobutadiene	mg/kg	---	---	<0.01	---	---	---	<0.01	---	<0.01	---
Trichlorobenzene (total)	mg/kg	---	---	<0.02	---	---	---	<0.02	---	<0.02	---
SVOC											
1,4-dinitrobenzene	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
Benzyl alcohol	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
4-bromophenyl phenyl ether	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
4-nitroaniline	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
4-nitrophenol	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
1,2-Dinitrobenzene	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
1,3-Dinitrobenzene	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
2,4,5-trichlorophenol	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
2,4,6-trichlorophenol	mg/kg	---	<0.01	<0.01	---	---	---	<0.01	---	<0.01	---
2,4-dichlorophenol	mg/kg	---	<0.01	<0.01	---	---	---	<0.01	---	<0.01	---
2,4-dimethylphenol	mg/kg	---	<0.01	<0.01	---	---	---	<0.01	---	<0.01	---
2,4-dinitrotoluene	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
2,6-dichlorophenol	mg/kg	---	<0.01	<0.01	---	---	---	<0.01	---	<0.01	---
2,6-Dimethylphenol	mg/kg	---	<0.01	<0.01	---	---	---	<0.01	---	<0.01	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH2	B-BH2	B-BH2	B-BH2	B-BH3	B-BH3	B-BH3	B-BH3	B-BH3	B-BH3
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-23244	23-23244	23-23244	23-23244	23-24358	23-24358	23-24358	23-24358	23-24358	23-24358
Date		26 Sep 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	05 Oct 2023	05 Oct 2023	05 Oct 2023	05 Oct 2023	05 Oct 2023	05 Oct 2023
Depth		0.5	1	1.5	3.3	0.3	0.5	1	2.8	4.3	4.3
	Unit										
2,6-dinitrotoluene	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
2-chloronaphthalene	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
2-chlorophenol	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
2-methylnaphthalene	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
2-methylphenol	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
2-nitroaniline	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
4-chloro-3-methylphenol	mg/kg	---	<0.01	<0.01	---	---	---	<0.01	---	<0.01	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
4-methylphenol	mg/kg	---	<0.01	<0.01	---	---	---	<0.01	---	<0.01	---
Aniline	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
Azobenzene	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
Butyl benzyl phthalate	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
Carbazole	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
Dibenzofuran	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
Diethylphthalate	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
Dimethyl phthalate	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
Di-n-butyl phthalate	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
Di-n-octyl phthalate	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
Diphenylamine	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
Hexachlorobenzene	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
Hexachlorocyclopentadiene	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	<0.1	---	---	---	<0.1	---	<0.1	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	---	<0.12	0.2	0.16	0.18	---	0.19	<0.12	0.34	---
Pesticides											
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH2	B-BH2	B-BH2	B-BH2	B-BH3	B-BH3	B-BH3	B-BH3	B-BH3	B-BH3
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-23244	23-23244	23-23244	23-23244	23-24358	23-24358	23-24358	23-24358	23-24358	23-24358
Date		26 Sep 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	05 Oct 2023	05 Oct 2023	05 Oct 2023	05 Oct 2023	05 Oct 2023	05 Oct 2023
Depth		0.5	1	1.5	3.3	0.3	0.5	1	2.8	4.3	4.3
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	---	11.5	11	11.6	11.8	---	12.2	12.2	11.6	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		B-BH4	B-BH4	B-BH4	B-BH4	B-BH4	B-BH4	B-BH5	B-BH5	B-BH5	B-BH5
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-24351	23-24351	23-24351	23-24351	23-24351	23-24351	23-23246	23-23246	23-23246	23-23246
		06 Oct 2023	06 Oct 2023	06 Oct 2023	06 Oct 2023	06 Oct 2023	06 Oct 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023
		0.3	1	1.8	2.8	3.6	4.1	0.3	0.5 - 0.6	1	2.4
Metals											
Aluminium	mg/kg	17,000	7,700	6,000	---	7,900	---	35,000	---	8,400	39,000
Antimony	mg/kg	21	28	24	---	17	---	4.3	---	<1	2.7
Arsenic	mg/kg	16	2.8	1.9	---	6.4	---	10	---	2.8	6.9
Barium	mg/kg	740	820	470	---	820	---	450	---	190	170
Beryllium	mg/kg	1	0.4	0.3	---	0.5	---	4	---	0.5	3.5
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron (filtered)	mg/kg	1.7	1.5	1.1	---	2.2	---	2.2	---	3.6	2
Cadmium	mg/kg	0.3	0.2	0.1	---	0.3	---	0.2	---	<0.1	0.2
Calcium	mg/kg	250,000	290,000	170,000	---	10,000	---	150,000	---	2,000	140,000
Chromium (hexavalent)	mg/kg	<1	<1	<1	---	<1	---	<1	---	<1	<1
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	1,500	2,100	1,800	---	1,200	---	280	---	14	190
Chromium (Trivalent)	mg/kg	1,500	2,100	1,800	---	1,200	---	280	---	14	190
Copper	mg/kg	76	45	26	---	42	---	44	---	29	67
Iron	mg/kg	140,000	140,000	110,000	---	120,000	---	47,000	---	17,000	20,000
Lead	mg/kg	38	10	5.3	---	19	---	22	---	26	18
Magnesium	mg/kg	36,000	42,000	34,000	---	47,000	---	26,000	---	2,600	21,000
Manganese	mg/kg	29,000	45,000	40,000	---	33,000	---	7,800	---	350	5,200
Mercury	mg/kg	<0.05	<0.05	<0.05	---	<0.05	---	<0.05	---	<0.05	0.63
Molybdenum	mg/kg	6	7.5	9.6	---	1.7	---	5.7	---	<0.4	2.2
Nickel	mg/kg	15	5.7	3.4	---	8.3	---	11	---	10	6.6
Potassium	mg/kg	830	390	240	---	360	---	2,500	---	1,400	2,200
Selenium	mg/kg	10	14	13	---	10	---	3.9	---	<0.5	2.3
Silicon	mg/kg	61,000	---	---	---	---	---	62,000	---	---	62,000
Sodium	mg/kg	440	340	250	---	370	---	1,400	---	110	1,200
Tin	mg/kg	13	7.3	3.7	---	7.1	---	3.6	---	<1	1.8
Titanium	mg/kg	1,200	950	890	---	780	---	970	---	570	880
Vanadium	mg/kg	2,300	3,600	2,900	---	3,200	---	460	---	28	390
Zinc	mg/kg	110	31	18	---	67	---	71	---	43	50
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	0.96	<0.5	<0.5	---	1.3	---	2	---	1.9	0.76
Nitrite (as N)	mg/kg	<0.5	<0.5	<0.5	---	<0.5	---	<0.5	---	<0.5	<0.5
Chloride	mg/kg	3.6	3.3	4	---	3.6	---	23.8	---	154	17.2
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	<0.1
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	0.1
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	<0.2	<0.2	<0.2	---	<0.2	---	<0.2	---	<0.2	<0.2
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	6.9	3.4	2.1	---	1.9	---	7.3	---	13	19
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	<1	<1	<1	---	<1	---	4.9	---	12	7.2
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	4,500	1,400	1,400	---	3,900	---	6,300	---	15,000	26,000
Sulphate (2:1 Water Soluble) as SO4	mg/L	86	17	16	---	29	---	770	---	720	380
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	---	---	---	---	---	---	---	---	---
Sulphur as S	%	0.2	0.23	0.14	---	0.23	---	0.33	---	0.02	0.42
Sulphur (free)	mg/kg	<0.75	<0.75	<0.75	---	<0.75	---	6.3	---	14	8.1
Sulphide	mg/kg	200	420	240	---	430	---	1,400	---	1,000	1,800
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	4.1	0.8	4.9	---	0.8	---	<0.6	---	0.9	4.4
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	<0.20	<0.20	<0.20	---	<0.20	---	<0.20	---	<0.20	<0.20
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	<0.1
Fluoride	mg/kg	2	1.1	<1	---	1.4	---	3	---	3.1	2.3
Other											
Organic Matter	%	1.9	0.2	0.4	---	0.4	---	0.8	---	1	1
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	12	4	7.2	---	10	---	16	---	9.9	11
TPH CWG											
>C5-C6 Aliphatics	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	<0.01
>C6-C8 Aliphatics	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	<0.01
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH4	B-BH4	B-BH4	B-BH4	B-BH4	B-BH4	B-BH4	B-BH5	B-BH5	B-BH5
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-24351	23-24351	23-24351	23-24351	23-24351	23-24351	23-23246	23-23246	23-23246	23-23246
Date		06 Oct 2023	06 Oct 2023	06 Oct 2023	06 Oct 2023	06 Oct 2023	06 Oct 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023
Depth		0.3	1	1.8	2.8	3.6	4.1	0.3	0.5 - 0.6	1	2.4
	Unit										
>C8-C10 Aliphatics	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	<0.01
>C10-C44 Aliphatics	mg/kg	13	<10	<10	---	---	---	---	---	<10	<10
>C10-C12 Aliphatics	mg/kg	<1.5	<1.5	<1.5	---	---	---	---	---	<1.5	<1.5
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	<1.2	<1.2	<1.2	---	---	---	---	---	<1.2	<1.2
>C16-C21 Aliphatics	mg/kg	<1.5	<1.5	<1.5	---	---	---	---	---	<1.5	<1.5
>C16-C35 Aliphatics	mg/kg	13.5	<4.9	<4.9	---	---	---	---	---	<4.9	<4.9
>C21-C35 Aliphatics	mg/kg	12	<3.4	<3.4	---	---	---	---	---	<3.4	<3.4
>C35-C44 Aliphatics	mg/kg	<3.4	<3.4	<3.4	---	---	---	---	---	<3.4	<3.4
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	<0.01
>EC7-EC8 Aromatics	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	<0.01
>EC10-EC44 Aromatics	mg/kg	14	<10	<10	---	---	---	---	---	<10	<10
>EC8-EC10 Aromatics	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	<0.01
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	<0.9	<0.9	<0.9	---	---	---	---	---	<0.9	<0.9
>EC12-EC16 Aromatics	mg/kg	<0.5	<0.5	<0.5	---	---	---	---	---	<0.5	<0.5
>EC16-EC21 Aromatics	mg/kg	0.7	<0.6	<0.6	---	---	---	---	---	<0.6	<0.6
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	12	<1.4	<1.4	---	---	---	---	---	<1.4	<1.4
>EC35-EC44 Aromatics	mg/kg	1.7	<1.4	<1.4	---	---	---	---	---	<1.4	<1.4
Total Aliphatics & Aromatics >C10-C44	mg/kg	27	<10	<10	---	---	---	---	---	<10	<10
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	26.4	<10	<10	---	---	---	---	---	<10	<10
TPH											
EPH >C10-40	mg/kg	<10	<10	<10	---	<10	---	<10	---	25	44
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	<0.1
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	<0.002	<0.002	<0.002	---	---	---	---	---	<0.002	<0.002
Toluene	mg/kg	<0.005	<0.005	<0.005	---	---	---	---	---	<0.005	<0.005
Ethylbenzene	mg/kg	<0.002	<0.002	<0.002	---	---	---	---	---	<0.002	<0.002
Xylene (m & p)	mg/kg	<0.002	<0.002	<0.002	---	---	---	---	---	<0.002	<0.002
Xylene (o)	mg/kg	<0.002	<0.002	<0.002	---	---	---	---	---	<0.002	<0.002
Xylene Total	mg/kg	<0.004	<0.004	<0.004	---	---	---	---	---	<0.004	<0.004
MTBE	mg/kg	<0.005	<0.005	<0.005	---	---	---	---	---	<0.005	<0.005
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Coronene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	0.03	<0.03	<0.03	---	<0.03	---	<0.03	---	<0.03	<0.03
Acenaphthene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	---	<0.03	---	<0.03	<0.03
Acenaphthylene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	---	<0.03	---	<0.03	<0.03
Fluoranthene	mg/kg	0.15	<0.03	<0.03	---	<0.03	---	0.44	---	0.81	0.11
Anthracene	mg/kg	0.04	<0.03	<0.03	---	<0.03	---	0.03	---	0.06	<0.03
Phenanthrene	mg/kg	0.11	<0.03	<0.03	---	<0.03	---	0.19	---	0.35	0.05
Fluorene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	---	<0.03	---	<0.03	<0.03
Chrysene	mg/kg	0.08	<0.03	<0.03	---	<0.03	---	0.19	---	0.35	0.04
Pyrene	mg/kg	0.14	<0.03	<0.03	---	<0.03	---	0.39	---	0.81	0.1
Benzo(a)anthracene	mg/kg	0.06	<0.03	<0.03	---	<0.03	---	0.18	---	0.32	0.03
Benzo(b)fluoranthene	mg/kg	0.07	<0.03	<0.03	---	<0.03	---	0.18	---	0.32	0.04
Benzo(k)fluoranthene	mg/kg	0.03	<0.03	<0.03	---	<0.03	---	0.07	---	0.14	<0.03
Benzo(b+k)fluoranthene	mg/kg	0.1	<0.06	<0.06	---	<0.06	---	0.25	---	0.46	0.07
Benzo(a)pyrene	mg/kg	0.04	<0.03	<0.03	---	<0.03	---	0.11	---	0.2	<0.03
Dibenz(a,h)anthracene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	---	<0.03	---	<0.03	<0.03
Benzo(g,h,i)perylene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	---	0.06	---	0.12	<0.03
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	---	0.05	---	0.11	<0.03
PAH 16 Total	mg/kg	0.69	<0.1	<0.1	---	<0.1	---	1.9	---	3.6	0.34
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	mg/kg	<0.3	<0.3	<0.3	---	<0.3	---	0.8	---	<0.3	<0.3
3/4-Methylphenol (m/p-cresol)	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
Xylenols	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	<0.01	<0.01	<0.1	---	---	---	---	---	<0.01	<0.01
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	<0.02	<0.02	<0.02	---	---	---	---	---	<0.02	---
Styrene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
cis-1,3-dichloropropene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
trans-1,3-dichloropropene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		B-BH4	B-BH4	B-BH4	B-BH4	B-BH4	B-BH4	B-BH5	B-BH5	B-BH5	B-BH5
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-24351	23-24351	23-24351	23-24351	23-24351	23-24351	23-23246	23-23246	23-23246	23-23246
		06 Oct 2023	06 Oct 2023	06 Oct 2023	06 Oct 2023	06 Oct 2023	06 Oct 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023
		0.3	1	1.8	2.8	3.6	4.1	0.3	0.5 - 0.6	1	2.4
1,1,1,2-tetrachloroethane	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
1,1,1-trichloroethane	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
1,1-dichloroethane	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
1,1-dichloroethene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
1,1-dichloropropene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
1,2,3-trichloropropane	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
1,2,4-trimethylbenzene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
1,2-dibromo-3-chloropropane	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
1,2-dibromoethane	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
1,2-dichloroethane	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	<0.02	<0.02	<0.02	---	---	---	---	---	<0.02	---
1,2-dichloropropane	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
1,3,5-trimethylbenzene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
1,3-dichloropropane	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
2,2-dichloropropane	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
Trihalomethanes	mg/kg	<0.04	0.06	0.06	---	---	---	---	---	<0.04	---
2-chlorotoluene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
4-chlorotoluene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
Bromobenzene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
Bromochloromethane	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
Bromodichloromethane	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
Bromoform	mg/kg	<0.01	0.03	0.03	---	---	---	---	---	<0.01	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
Chlorodibromomethane	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
Dibromomethane	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
n-butylbenzene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
n-propylbenzene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
p-isopropyltoluene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
sec-butylbenzene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
Trichloroethene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
tert-butylbenzene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
Tetrachloroethene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
trans-1,2-dichloroethene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
tert-Amyl methyl ether	mg/kg	<0.005	<0.005	<0.005	---	---	---	---	---	<0.005	<0.005
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
1,2,4-trichlorobenzene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
1,2-dichlorobenzene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
1,3-dichlorobenzene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
1,4-dichlorobenzene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
Chlorobenzene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
Hexachlorobutadiene	mg/kg	<0.01	<0.01	<0.01	---	---	---	---	---	<0.01	---
Trichlorobenzene (total)	mg/kg	<0.02	<0.02	<0.02	---	---	---	---	---	<0.02	---
SVOC											
1,4-dinitrobenzene	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
Benzyl alcohol	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
4-bromophenyl phenyl ether	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
4-nitroaniline	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
4-nitrophenol	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
1,2-Dinitrobenzene	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
1,3-Dinitrobenzene	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
2,3,4,6-tetrachlorophenol	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
2,3,5,6-Tetrachlorophenol	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
2,4,5-trichlorophenol	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
2,4,6-trichlorophenol	mg/kg	<0.01	<0.01	<0.1	---	---	---	---	---	<0.01	<0.01
2,4-dichlorophenol	mg/kg	<0.01	<0.01	<0.1	---	---	---	---	---	<0.01	<0.01
2,4-dimethylphenol	mg/kg	<0.01	<0.01	<0.1	---	---	---	---	---	<0.01	0.01
2,4-dinitrotoluene	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
2,6-dichlorophenol	mg/kg	<0.01	<0.01	---	---	---	---	---	---	<0.01	<0.01
2,6-Dimethylphenol	mg/kg	<0.01	<0.01	---	---	---	---	---	---	<0.01	0.01



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH4	B-BH4	B-BH4	B-BH4	B-BH4	B-BH4	B-BH5	B-BH5	B-BH5	B-BH5
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-24351	23-24351	23-24351	23-24351	23-24351	23-24351	23-23246	23-23246	23-23246	23-23246
Date		06 Oct 2023	06 Oct 2023	06 Oct 2023	06 Oct 2023	06 Oct 2023	06 Oct 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023
Depth		0.3	1	1.8	2.8	3.6	4.1	0.3	0.5 - 0.6	1	2.4
	Unit										
2,6-dinitrotoluene	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
2-chloronaphthalene	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
2-chlorophenol	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
2-methylnaphthalene	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
2-methylphenol	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
2-nitroaniline	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
4,6-Dinitro-2-methylphenol	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
4-chloro-3-methylphenol	mg/kg	<0.01	<0.01	<0.1	---	---	---	---	---	<0.01	<0.01
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
4-methylphenol	mg/kg	<0.01	<0.01	---	---	---	---	---	---	<0.01	<0.01
Aniline	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
Azobenzene	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
Bis(2-chloroethoxy) methane	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
Bis(2-ethylhexyl) phthalate	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
Butyl benzyl phthalate	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
Carbazole	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
Dibenzofuran	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
Diethylphthalate	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
Dimethyl phthalate	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
Di-n-butyl phthalate	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
Di-n-octyl phthalate	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
Diphenylamine	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
Hexachlorobenzene	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
Hexachlorocyclopentadiene	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	<0.1	<0.1	<0.1	---	---	---	---	---	<0.1	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	<0.01	<0.01
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	<0.01	<0.01
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	<0.01	<0.01
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	<0.01	<0.01
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	<0.01	<0.01
PCB 101	mg/kg	---	---	---	---	---	---	---	---	<0.01	<0.01
PCB 118	mg/kg	---	---	---	---	---	---	---	---	<0.01	<0.01
PCB 138	mg/kg	---	---	---	---	---	---	---	---	<0.01	<0.01
PCB 153	mg/kg	---	---	---	---	---	---	---	---	<0.01	<0.01
PCB 180	mg/kg	---	---	---	---	---	---	---	---	<0.01	<0.01
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	<0.01	<0.01
PCB 52	mg/kg	---	---	---	---	---	---	---	---	<0.01	<0.01
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	<0.01	<0.01
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	<0.01	<0.01
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	<0.01	<0.01
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	<0.01	<0.01
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	<0.01	<0.01
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	<0.01	<0.01
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	<0.01	<0.01
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	0.16	<0.12	<0.12	---	<0.12	---	0.36	---	0.69	0.13
Pesticides											
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH4	B-BH4	B-BH4	B-BH4	B-BH4	B-BH4	B-BH5	B-BH5	B-BH5	B-BH5
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-24351	23-24351	23-24351	23-24351	23-24351	23-24351	23-23246	23-23246	23-23246	23-23246
Date		06 Oct 2023	06 Oct 2023	06 Oct 2023	06 Oct 2023	06 Oct 2023	06 Oct 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023
Depth		0.3	1	1.8	2.8	3.6	4.1	0.3	0.5 - 0.6	1	2.4
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	11.5	12.2	12.1	---	12	---	10.8	---	10.8	11.3



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH5	B-BH6	B-BH6	B-BH6	B-BH6	B-BH6	B-BH7	B-BH7	B-BH7	B-BH7
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-23246	23-24809	23-24809	23-24809	23-24809	23-24809	23-20933	23-20933	23-20933	23-20933
Date		27 Sep 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	30 Aug 2023	30 Aug 2023	30 Aug 2023	30 Aug 2023
Depth		4.2	0.3	0.5	1	2	4.3	0.3	0.5	1	3.2 - 3.4
	Unit										
Metals											
Aluminium	mg/kg	18,000	---	7,300	---	7,100	6,000	---	8,000	---	6,900
Antimony	mg/kg	9.2	---	17	---	15	20	---	12	---	13
Arsenic	mg/kg	7.1	---	3.8	---	4.6	1.4	---	5.8	---	6.2
Barium	mg/kg	520	---	1,100	---	570	150	---	900	---	770
Beryllium	mg/kg	1.2	---	0.5	---	0.4	0.2	---	0.4	---	0.4
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron (filtered)	mg/kg	6.6	---	2.1	---	1.7	3.2	---	1.9	---	2.1
Cadmium	mg/kg	0.9	---	0.6	---	0.7	0.2	---	0.5	---	0.5
Calcium	mg/kg	190,000	---	280,000	---	230,000	230,000	---	390,000	---	380,000
Chromium (hexavalent)	mg/kg	<1	---	<1	---	<1	<1	---	<1	---	<1
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	640	---	1,200	---	1,000	1,500	---	790	---	930
Chromium (Trivalent)	mg/kg	640	---	1,200	---	1,000	1,500	---	790	---	930
Copper	mg/kg	54	---	31	---	46	24	---	49	---	38
Iron	mg/kg	100,000	---	120,000	---	120,000	130,000	---	130,000	---	110,000
Lead	mg/kg	66	---	30	---	46	6.9	---	49	---	38
Magnesium	mg/kg	31,000	---	41,000	---	34,000	39,000	---	38,000	---	37,000
Manganese	mg/kg	21,000	---	29,000	---	24,000	25,000	---	32,000	---	43,000
Mercury	mg/kg	0.28	---	<0.05	---	<0.05	<0.05	---	0.05	---	0.14
Molybdenum	mg/kg	3.2	---	4.7	---	4	4.7	---	4.5	---	3.3
Nickel	mg/kg	11	---	5.4	---	11	2.8	---	12	---	15
Potassium	mg/kg	840	---	260	---	270	180	---	430	---	670
Selenium	mg/kg	6.5	---	11	---	9.3	9.6	---	9.4	---	12
Silicon	mg/kg	---	---	39,000	---	---	---	---	52,000	---	---
Sodium	mg/kg	620	---	300	---	270	170	---	1,000	---	390
Tin	mg/kg	6.7	---	7.2	---	11	5.5	---	8.9	---	5.3
Titanium	mg/kg	900	---	380	---	430	610	---	950	---	400
Vanadium	mg/kg	1,800	---	3,500	---	2,600	2,400	---	2,900	---	4,300
Zinc	mg/kg	150	---	99	---	140	29	---	120	---	97
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	0.8	---	1.1	---	0.59	0.82	---	1.5	---	1.2
Nitrite (as N)	mg/kg	0.83	---	<0.5	---	<0.5	<0.5	---	<0.5	---	<0.5
Chloride	mg/kg	52.1	---	66.1	---	222	220	---	39.6	---	27.5
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	<0.1	---	<0.1	---	<0.1	<0.1	---	<0.1	---	<0.1
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	0.2	---	<0.1	---	<0.1	<0.1	---	0.3	---	<0.1
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	0.2	---	<0.2	---	<0.2	<0.2	---	0.3	---	<0.2
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	14	---	11	---	6.6	11	---	13	---	30
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	9.8	---	<1	---	<1	<1	---	<1	---	<1
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	24,000	---	3,300	---	3,800	5,300	---	5,400	---	4,300
Sulphate (2:1 Water Soluble) as SO4	mg/L	280	---	10	---	12	38	---	30	---	17
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	---	---	---	---	---	---	---	---	---
Sulphur as S	%	0.28	---	0.2	---	0.17	0.24	---	0.2	---	0.16
Sulphur (free)	mg/kg	2.8	---	<0.75	---	<0.75	<0.75	---	2.1	---	<0.75
Sulphide	mg/kg	540	---	460	---	300	490	---	200	---	180
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	0.8	---	2.7	---	2	1.3	---	<0.6	---	1.2
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	<0.20	---	<0.20	---	<0.20	<0.20	---	<0.20	---	<0.20
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	<0.1	---	<0.1	---	<0.1	<0.1	---	<0.1	---	<0.1
Fluoride	mg/kg	3.1	---	7.3	---	6.9	4	---	16	---	26
Other											
Organic Matter	%	0.8	---	0.7	---	1.2	0.9	---	2.5	---	2.2
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	10	---	4.4	---	8.1	7	---	9.4	---	6.9
TPH CWG											
>C5-C6 Aliphatics	mg/kg	<0.01	---	<0.01	---	<0.01	<0.01	---	---	---	---
>C6-C8 Aliphatics	mg/kg	<0.01	---	<0.01	---	<0.01	<0.01	---	---	---	---
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH5	B-BH6	B-BH6	B-BH6	B-BH6	B-BH6	B-BH7	B-BH7	B-BH7	B-BH7
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-23246	23-24809	23-24809	23-24809	23-24809	23-24809	23-20933	23-20933	23-20933	23-20933
Date		27 Sep 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	30 Aug 2023	30 Aug 2023	30 Aug 2023	30 Aug 2023
Depth		4.2	0.3	0.5	1	2	4.3	0.3	0.5	1	3.2 - 3.4
	Unit										
>C8-C10 Aliphatics	mg/kg	<0.01	---	<0.01	---	<0.01	<0.01	---	---	---	---
>C10-C44 Aliphatics	mg/kg	<10	---	<10	---	<10	<10	---	---	---	---
>C10-C12 Aliphatics	mg/kg	<1.5	---	<1.5	---	<1.5	<1.5	---	---	---	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	<1.2	---	<1.2	---	<1.2	<1.2	---	---	---	---
>C16-C21 Aliphatics	mg/kg	<1.5	---	<1.5	---	<1.5	<1.5	---	---	---	---
>C16-C35 Aliphatics	mg/kg	<4.9	---	<4.9	---	<4.9	<4.9	---	---	---	---
>C21-C35 Aliphatics	mg/kg	<3.4	---	<3.4	---	<3.4	<3.4	---	---	---	---
>C35-C44 Aliphatics	mg/kg	<3.4	---	<3.4	---	<3.4	<3.4	---	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	<0.01	---	<0.01	---	<0.01	<0.01	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	<0.01	---	<0.01	---	<0.01	<0.01	---	---	---	---
>EC10-EC44 Aromatics	mg/kg	<10	---	<10	---	<10	<10	---	---	---	---
>EC8-EC10 Aromatics	mg/kg	<0.01	---	<0.01	---	<0.01	<0.01	---	---	---	---
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	<0.9	---	<0.9	---	<0.9	<0.9	---	---	---	---
>EC12-EC16 Aromatics	mg/kg	<0.5	---	<0.5	---	<0.5	<0.5	---	---	---	---
>EC16-EC21 Aromatics	mg/kg	<0.6	---	<0.6	---	<0.6	<0.6	---	---	---	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	<1.4	---	<1.4	---	<1.4	<1.4	---	---	---	---
>EC35-EC44 Aromatics	mg/kg	<1.4	---	<1.4	---	<1.4	<1.4	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	<10	---	<10	---	<10	<10	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	<10	---	<10	---	<10	<10	---	---	---	---
TPH											
EPH >C10-40	mg/kg	14	---	<10	---	<10	<10	---	42	---	<10
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	<0.1	---	<0.1	---	<0.1	<0.1	---	<0.1	---	<0.1
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	<0.002	---	<0.002	---	<0.002	<0.002	---	---	---	---
Toluene	mg/kg	<0.005	---	<0.005	---	<0.005	<0.005	---	---	---	---
Ethylbenzene	mg/kg	<0.002	---	<0.002	---	<0.002	<0.002	---	---	---	---
Xylene (m & p)	mg/kg	<0.002	---	<0.002	---	<0.002	<0.002	---	---	---	---
Xylene (o)	mg/kg	<0.002	---	<0.002	---	<0.002	<0.002	---	---	---	---
Xylene Total	mg/kg	<0.004	---	<0.004	---	<0.004	<0.004	---	---	---	---
MTBE	mg/kg	<0.005	---	<0.005	---	<0.005	<0.005	---	---	---	---
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Coronene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	<0.03	---	<0.03	---	<0.03	<0.03	---	<0.03	---	<0.03
Acenaphthene	mg/kg	<0.03	---	<0.03	---	<0.03	<0.03	---	<0.03	---	<0.03
Acenaphthylene	mg/kg	<0.03	---	<0.03	---	<0.03	<0.03	---	<0.03	---	<0.03
Fluoranthene	mg/kg	0.16	---	1.3	---	0.97	<0.03	---	0.65	---	0.4
Anthracene	mg/kg	<0.03	---	<0.03	---	0.04	<0.03	---	<0.03	---	<0.03
Phenanthrene	mg/kg	0.07	---	0.26	---	0.36	<0.03	---	0.32	---	0.12
Fluorene	mg/kg	<0.03	---	<0.03	---	<0.03	<0.03	---	<0.03	---	<0.03
Chrysene	mg/kg	0.08	---	0.25	---	0.15	<0.03	---	0.18	---	0.18
Pyrene	mg/kg	0.15	---	0.95	---	0.67	<0.03	---	0.4	---	0.34
Benzo(a)anthracene	mg/kg	0.06	---	0.19	---	0.11	<0.03	---	0.1	---	0.11
Benzo(b)fluoranthene	mg/kg	0.09	---	0.43	---	0.19	<0.03	---	0.18	---	0.16
Benzo(k)fluoranthene	mg/kg	0.04	---	0.18	---	0.09	<0.03	---	0.06	---	0.05
Benzo(b+k)fluoranthene	mg/kg	0.13	---	0.61	---	0.28	<0.06	---	0.24	---	0.21
Benzo(a)pyrene	mg/kg	0.05	---	0.16	---	0.05	<0.03	---	0.06	---	0.07
Dibenz(a,h)anthracene	mg/kg	<0.03	---	<0.03	---	<0.03	<0.03	---	<0.03	---	<0.03
Benzo(g,h,i)perylene	mg/kg	0.04	---	0.29	---	0.12	<0.03	---	0.05	---	0.05
Indeno(1,2,3-c,d)pyrene	mg/kg	0.04	---	0.2	---	0.08	<0.03	---	0.04	---	0.05
PAH 16 Total	mg/kg	0.77	---	4.3	---	2.8	<0.1	---	2	---	1.5
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	mg/kg	<0.3	---	<0.3	---	<0.3	<0.3	---	<0.3	---	<0.3
3/4-Methylphenol (m/p-cresol)	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
Xylenols	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	<0.01	---	<0.01	---	---	<0.1	---	0.06	---	---
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	<0.02	---	<0.02	---	---	<0.02	---	---	---	---
Styrene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
cis-1,3-dichloropropene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
trans-1,3-dichloropropene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH5	B-BH6	B-BH6	B-BH6	B-BH6	B-BH6	B-BH7	B-BH7	B-BH7	B-BH7
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-23246	23-24809	23-24809	23-24809	23-24809	23-24809	23-20933	23-20933	23-20933	23-20933
Date		27 Sep 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	30 Aug 2023	30 Aug 2023	30 Aug 2023	30 Aug 2023
Depth		4.2	0.3	0.5	1	2	4.3	0.3	0.5	1	3.2 - 3.4
	Unit										
1,1,1,2-tetrachloroethane	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
1,1,1-trichloroethane	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
1,1-dichloroethane	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
1,1-dichloroethene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
1,1-dichloropropene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
1,2,3-trichloropropane	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
1,2-dibromoethane	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
1,2-dichloroethane	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	<0.02	---	<0.02	---	---	<0.02	---	---	---	---
1,2-dichloropropane	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
1,3-dichloropropane	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
2,2-dichloropropane	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
Trihalomethanes	mg/kg	<0.04	---	<0.04	---	---	<0.04	---	---	---	---
2-chlorotoluene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
4-chlorotoluene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
Bromobenzene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
Bromochloromethane	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
Bromodichloromethane	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
Bromoform	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
Chlorodibromomethane	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
Dibromomethane	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
n-butylbenzene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
n-propylbenzene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
p-isopropyltoluene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
sec-butylbenzene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
Trichloroethene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
tert-butylbenzene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
Tetrachloroethene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
trans-1,2-dichloroethene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
tert-Amyl methyl ether	mg/kg	<0.005	---	<0.005	---	<0.005	<0.005	---	---	---	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
1,2-dichlorobenzene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
1,3-dichlorobenzene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
1,4-dichlorobenzene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
Chlorobenzene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
Hexachlorobutadiene	mg/kg	<0.01	---	<0.01	---	---	<0.01	---	---	---	---
Trichlorobenzene (total)	mg/kg	<0.02	---	<0.02	---	---	<0.02	---	---	---	---
SVOC											
1,4-dinitrobenzene	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
Benzyl alcohol	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
4-nitroaniline	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
4-nitrophenol	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
1,2-Dinitrobenzene	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
1,3-Dinitrobenzene	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
2,4,5-trichlorophenol	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
2,4,6-trichlorophenol	mg/kg	<0.01	---	<0.01	---	---	<0.1	---	0.03	---	---
2,4-dichlorophenol	mg/kg	<0.01	---	<0.01	---	---	<0.1	---	0.03	---	---
2,4-dimethylphenol	mg/kg	<0.01	---	<0.01	---	---	<0.1	---	0.03	---	---
2,4-dinitrotoluene	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
2,6-dichlorophenol	mg/kg	<0.01	---	<0.01	---	---	---	---	0.01	---	---
2,6-Dimethylphenol	mg/kg	<0.01	---	<0.01	---	---	---	<0.01	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH5	B-BH6	B-BH6	B-BH6	B-BH6	B-BH6	B-BH7	B-BH7	B-BH7	B-BH7
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-23246	23-24809	23-24809	23-24809	23-24809	23-24809	23-20933	23-20933	23-20933	23-20933
Date		27 Sep 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	30 Aug 2023	30 Aug 2023	30 Aug 2023	30 Aug 2023
Depth		4.2	0.3	0.5	1	2	4.3	0.3	0.5	1	3.2 - 3.4
	Unit										
2,6-dinitrotoluene	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
2-chloronaphthalene	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
2-chlorophenol	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
2-methylnaphthalene	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
2-methylphenol	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
2-nitroaniline	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
4-chloro-3-methylphenol	mg/kg	<0.01	---	0.03	---	---	<0.1	---	0.04	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
4-methylphenol	mg/kg	<0.01	---	<0.01	---	---	---	---	0.08	---	---
Aniline	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
Azobenzene	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
Butyl benzyl phthalate	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
Carbazole	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
Dibenzofuran	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
Diethylphthalate	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
Dimethyl phthalate	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
Di-n-butyl phthalate	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
Di-n-octyl phthalate	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
Diphenylamine	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
Hexachlorobenzene	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	<0.1	---	<0.1	---	---	<0.1	---	---	---	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 156)	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 157)	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5,5- (PCB 167)	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5,5- (PCB 169)	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 105)	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5,5- (PCB 114)	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5,5- (PCB 123)	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5,5- (PCB 126)	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4,5,5- (PCB 77)	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5,5,5- (PCB 81)	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	0.21	---	1.1	---	0.48	<0.12	---	0.33	---	0.31
Pesticides											
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH5	B-BH6	B-BH6	B-BH6	B-BH6	B-BH6	B-BH7	B-BH7	B-BH7	B-BH7
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-23246	23-24809	23-24809	23-24809	23-24809	23-24809	23-20933	23-20933	23-20933	23-20933
Date		27 Sep 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	11 Oct 2023	30 Aug 2023	30 Aug 2023	30 Aug 2023	30 Aug 2023
Depth		4.2	0.3	0.5	1	2	4.3	0.3	0.5	1	3.2 - 3.4
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	11.5	---	12.3	---	12.4	12.3	---	11.6	---	11.6



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		B-BH7	B-BH8	B-BH8	B-BH8	B-BH8	B-BH9	B-BH9	B-BH9	B-BH9	B-BH9
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-20933	23-17193	23-17193	23-17193	23-17193	23-16775-0	23-16775-0	23-16775-0	23-16775-0	23-16775-0
		30 Aug 2023	11 Jul 2023	11 Jul 2023	11 Jul 2023	11 Jul 2023	07 Jul 2023	07 Jul 2023	07 Jul 2023	07 Jul 2023	07 Jul 2023
		5	1.4	1.4	2.1	2.1	0.3	0.3	0.5	2	2
Metals											
Aluminium	mg/kg	7,900	32,000	---	29,000	---	8,900	---	---	4,900	---
Antimony	mg/kg	17	1.8	---	1.7	---	11	---	---	9.7	---
Arsenic	mg/kg	6.5	4.6	---	230	---	4.4	---	---	4.2	---
Barium	mg/kg	2,300	430	---	250	---	350	---	---	120	---
Beryllium	mg/kg	<0.2	3.1	---	3	---	<0.2	---	---	0.3	---
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron (filtered)	mg/kg	3.6	1.5	---	3.1	---	1.4	---	---	1.1	---
Cadmium	mg/kg	0.2	0.2	---	<0.1	---	0.3	---	---	<0.1	---
Calcium	mg/kg	270,000	120,000	---	74,000	---	160,000	---	---	120,000	---
Chromium (hexavalent)	mg/kg	<1	<1	---	<1	---	<1	---	---	<1	---
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	1,200	140	---	41	---	930	---	---	790	---
Chromium (Trivalent)	mg/kg	1,200	140	---	41	---	930	---	---	790	---
Copper	mg/kg	91	19	---	8.4	---	60	---	---	46	---
Iron	mg/kg	120,000	18,000	---	25,000	---	96,000	---	---	87,000	---
Lead	mg/kg	22	24	---	54	---	64	---	---	17	---
Magnesium	mg/kg	38,000	19,000	---	11,000	---	28,000	---	---	17,000	---
Manganese	mg/kg	31,000	7,000	---	2,800	---	20,000	---	---	14,000	---
Mercury	mg/kg	0.21	<0.05	---	<0.05	---	<0.05	---	---	<0.05	---
Molybdenum	mg/kg	9.3	0.9	---	6.7	---	4.8	---	---	5	---
Nickel	mg/kg	14	3.4	---	20	---	14	---	---	14	---
Potassium	mg/kg	460	1,800	---	1,900	---	400	---	---	240	---
Selenium	mg/kg	9.8	2.3	---	1.5	---	5.5	---	---	4.8	---
Silicon	mg/kg	---	---	---	---	---	53,000	---	---	46,000	---
Sodium	mg/kg	520	960	---	950	---	410	---	---	180	---
Tin	mg/kg	6.1	2.2	---	<1	---	10	---	---	6.2	---
Titanium	mg/kg	1,500	630	---	440	---	1,400	---	---	1,600	---
Vanadium	mg/kg	2,600	360	---	110	---	2,000	---	---	1,500	---
Zinc	mg/kg	120	50	---	19	---	180	---	---	58	---
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	0.75	1	---	2.1	---	1.5	---	---	1.2	---
Nitrite (as N)	mg/kg	<0.5	<0.5	---	<0.5	---	<0.5	---	---	<0.5	---
Chloride	mg/kg	723	26.7	---	16.9	---	82	---	---	361	---
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	<0.1	<0.1	---	<0.1	---	0.3	---	---	<0.1	---
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	0.2	0.2	---	0.1	---	0.1	---	---	<0.1	---
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	<0.2	<0.2	---	<0.2	---	<0.2	---	---	<0.2	---
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	5.8	9.5	---	8.8	---	11	---	---	3.4	---
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	3.7	<1	---	<1	---	<1	---	---	<1	---
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	5,500	20,000	---	28,000	---	5,300	---	---	2,000	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	34	330	---	770	---	28	---	---	<10	---
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	11.3	---	8.9	---	12.3	---	---	12.4	---
Sulphur as S	%	0.21	0.45	0.0058	0.5	0.011	0.27	<0.000075	---	0.09	<0.000075
Sulphur (free)	mg/kg	<0.75	58	---	110	---	<0.75	---	---	<0.75	---
Sulphide	mg/kg	150	1,900	---	2,000	---	250	---	---	220	---
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	2	---	2.8	---	0.53	---	---	0.2	---
Thiocyanate (as SCN)	mg/kg	0.8	<0.6	---	<0.6	---	<0.6	---	---	<0.6	---
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	<0.20	<0.20	---	<0.20	---	<0.20	---	---	<0.20	---
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	<0.1	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---
Fluoride	mg/kg	40	8.7	---	11	---	15	---	---	50	---
Other											
Organic Matter	%	2.6	2.1	---	0.7	---	0.1	---	---	0.9	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	7.4	11	---	8.7	---	9.6	---	---	8.5	---
TPH CWG											
>C5-C6 Aliphatics	mg/kg	<0.01	<0.01	---	---	---	---	---	---	---	---
>C6-C8 Aliphatics	mg/kg	<0.01	<0.01	---	---	---	---	---	---	---	---
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH7	B-BH8	B-BH8	B-BH8	B-BH8	B-BH9	B-BH9	B-BH9	B-BH9	B-BH9
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-20933	23-17193	23-17193	23-17193	23-17193	23-16775-0	23-16775-0	23-16775-0	23-16775-0	23-16775-0
Date		30 Aug 2023	11 Jul 2023	11 Jul 2023	11 Jul 2023	11 Jul 2023	07 Jul 2023	07 Jul 2023	07 Jul 2023	07 Jul 2023	07 Jul 2023
Depth		5	1.4	1.4	2.1	2.1	0.3	0.3	0.5	2	2
	Unit										
>C8-C10 Aliphatics	mg/kg	<0.01	<0.01	---	---	---	---	---	---	---	---
>C10-C44 Aliphatics	mg/kg	<10	<10	---	---	---	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	<1.5	<1.5	---	---	---	---	---	---	---	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	<1.2	<1.2	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics	mg/kg	<1.5	<1.5	---	---	---	---	---	---	---	---
>C16-C35 Aliphatics	mg/kg	<4.9	<4.9	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics	mg/kg	<3.4	<3.4	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	mg/kg	<3.4	<3.4	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	<0.01	<0.01	---	---	---	---	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	<0.01	<0.01	---	---	---	---	---	---	---	---
>EC10-EC44 Aromatics	mg/kg	<10	<10	---	---	---	---	---	---	---	---
>EC8-EC10 Aromatics	mg/kg	<0.01	<0.01	---	---	---	---	---	---	---	---
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	<0.9	<0.9	---	---	---	---	---	---	---	---
>EC12-EC16 Aromatics	mg/kg	<0.5	<0.5	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	mg/kg	<0.6	<0.6	---	---	---	---	---	---	---	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	<1.4	<1.4	---	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	mg/kg	<1.4	<1.4	---	---	---	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	<10	<10	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	<10	<10	---	---	---	---	---	---	---	---
TPH											
EPH >C10-40	mg/kg	<10	<10	---	<10	---	32	---	---	<10	---
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	<0.1	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	<0.002	<0.002	---	---	---	---	---	---	---	---
Toluene	mg/kg	<0.005	<0.005	---	---	---	---	---	---	---	---
Ethylbenzene	mg/kg	<0.002	<0.002	---	---	---	---	---	---	---	---
Xylene (m & p)	mg/kg	<0.002	<0.002	---	---	---	---	---	---	---	---
Xylene (o)	mg/kg	<0.002	<0.002	---	---	---	---	---	---	---	---
Xylene Total	mg/kg	<0.004	<0.004	---	---	---	---	---	---	---	---
MTBE	mg/kg	<0.005	<0.005	---	---	---	---	---	---	---	---
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Coronene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	0.07	<0.03	---	<0.03	---	0.08	---	---	<0.03	---
Acenaphthene	mg/kg	0.05	<0.03	---	<0.03	---	<0.03	---	---	<0.03	---
Acenaphthylene	mg/kg	<0.03	<0.03	---	<0.03	---	<0.03	---	---	<0.03	---
Fluoranthene	mg/kg	0.25	0.06	---	0.09	---	0.68	---	---	<0.03	---
Anthracene	mg/kg	0.09	<0.03	---	<0.03	---	0.06	---	---	<0.03	---
Phenanthrene	mg/kg	0.53	0.04	---	0.03	---	0.39	---	---	<0.03	---
Fluorene	mg/kg	0.05	<0.03	---	<0.03	---	<0.03	---	---	<0.03	---
Chrysene	mg/kg	0.04	<0.03	---	0.1	---	0.25	---	---	<0.03	---
Pyrene	mg/kg	0.18	0.05	---	0.15	---	0.42	---	---	<0.03	---
Benzo(a)anthracene	mg/kg	<0.03	<0.03	---	0.06	---	0.12	---	---	<0.03	---
Benzo(b)fluoranthene	mg/kg	<0.03	<0.03	---	0.07	---	0.15	---	---	<0.03	---
Benzo(k)fluoranthene	mg/kg	<0.03	<0.03	---	0.04	---	0.08	---	---	<0.03	---
Benzo(b+k)fluoranthene	mg/kg	<0.06	<0.06	---	0.11	---	0.23	---	---	<0.06	---
Benzo(a)pyrene	mg/kg	<0.03	<0.03	---	<0.03	---	0.04	---	---	<0.03	---
Dibenz(a,h)anthracene	mg/kg	<0.03	<0.03	---	<0.03	---	<0.03	---	---	<0.03	---
Benzo(g,h,i)perylene	mg/kg	<0.03	<0.03	---	<0.03	---	0.05	---	---	<0.03	---
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.03	<0.03	---	0.03	---	0.05	---	---	<0.03	---
PAH 16 Total	mg/kg	1.3	0.15	---	0.51	---	2.4	---	---	<0.1	---
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	mg/kg	<0.3	<0.3	---	<0.3	---	<0.3	---	---	<0.3	---
3/4-Methylphenol (m/p-cresol)	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Xylenols	mg/kg	---	<0.01	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	<0.01	0.02	---	---	---	---	---	---	---	---
Phenols Monohydric	mg/kg	---	<0.3	---	<0.3	---	<0.3	---	---	<0.3	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	<0.02	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		B-BH7	B-BH8	B-BH8	B-BH8	B-BH8	B-BH9	B-BH9	B-BH9	B-BH9
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-20933	23-17193	23-17193	23-17193	23-17193	23-16775-0	23-16775-0	23-16775-0	23-16775-0
		30 Aug 2023	11 Jul 2023	11 Jul 2023	11 Jul 2023	11 Jul 2023	07 Jul 2023	07 Jul 2023	07 Jul 2023	07 Jul 2023
		5	1.4	1.4	2.1	2.1	0.3	0.3	0.5	2
1,1,1,2-tetrachloroethane	mg/kg	<0.01	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	<0.01	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	<0.01	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	<0.01	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	<0.01	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	<0.01	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	<0.01	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	<0.01	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	<0.01	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	<0.01	---	---	---	---	---	---	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	<0.02	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	<0.01	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	<0.01	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	<0.01	---	---	---	---	---	---	---	---
Trihalomethanes	mg/kg	<0.04	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	<0.01	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	<0.01	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	<0.01	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	<0.01	---	---	---	---	---	---	---	---
Bromoform	mg/kg	<0.01	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	<0.01	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	<0.01	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	<0.01	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	<0.01	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	<0.01	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	<0.01	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	<0.01	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	<0.01	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	<0.01	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	<0.01	---	---	---	---	---	---	---	---
tert-Amyl methyl ether	mg/kg	<0.005	<0.005	---	---	---	---	---	---	---
VOC/SVOC										
1,2,3-trichlorobenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	<0.01	---	---	---	---	---	---	---	---
Trichlorobenzene (total)	mg/kg	<0.02	---	---	---	---	---	---	---	---
SVOC										
1,4-dinitrobenzene	mg/kg	<0.1	---	---	---	---	---	---	---	---
Benzyl alcohol	mg/kg	<0.1	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	<0.1	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	<0.1	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	<0.1	---	---	---	---	---	---	---	---
1,2-Dinitrobenzene	mg/kg	<0.1	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	<0.1	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	<0.1	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	<0.1	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	<0.1	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	<0.01	<0.01	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	0.01	<0.01	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	0.02	<0.01	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	<0.1	---	---	---	---	---	---	---	---
2,6-dichlorophenol	mg/kg	<0.01	<0.01	---	---	---	---	---	---	---
2,6-Dimethylphenol	mg/kg	<0.01	<0.01	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH7	B-BH8	B-BH8	B-BH8	B-BH8	B-BH9	B-BH9	B-BH9	B-BH9
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-20933	23-17193	23-17193	23-17193	23-17193	23-16775-0	23-16775-0	23-16775-0	23-16775-0
Date		30 Aug 2023	11 Jul 2023	11 Jul 2023	11 Jul 2023	11 Jul 2023	07 Jul 2023	07 Jul 2023	07 Jul 2023	07 Jul 2023
Depth		5	1.4	1.4	2.1	2.1	0.3	0.3	0.5	2
	Unit									
2,6-dinitrotoluene	mg/kg	<0.1	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	<0.1	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	<0.1	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	<0.1	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	<0.1	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	<0.1	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	<0.1	---	---	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	<0.1	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	<0.01	<0.01	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	<0.1	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	0.04	0.02	---	---	---	---	---	---	---
Aniline	mg/kg	<0.1	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	<0.1	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	<0.1	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	<0.1	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	<0.1	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	<0.1	---	---	---	---	---	---	---	---
Carbazole	mg/kg	<0.1	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	<0.1	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	<0.1	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	<0.1	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	<0.1	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	<0.1	---	---	---	---	---	---	---	---
Diphenylamine	mg/kg	<0.1	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	<0.1	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	<0.1	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	<0.1	---	---	---	---	---	---	---	---
PCB										
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---
PAH/Phenols										
PAHs (Sum of 4)	mg/kg	<0.12	<0.12	---	0.17	---	0.33	---	---	<0.12
Pesticides										
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH7	B-BH8	B-BH8	B-BH8	B-BH8	B-BH9	B-BH9	B-BH9	B-BH9	B-BH9
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-20933	23-17193	23-17193	23-17193	23-17193	23-16775-0	23-16775-0	23-16775-0	23-16775-0	23-16775-0
Date		30 Aug 2023	11 Jul 2023	11 Jul 2023	11 Jul 2023	11 Jul 2023	07 Jul 2023	07 Jul 2023	07 Jul 2023	07 Jul 2023	07 Jul 2023
Depth		5	1.4	1.4	2.1	2.1	0.3	0.3	0.5	2	2
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	11.6	11.3	---	8.9	---	12.3	---	---	12.4	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		B-BH9	B-BH10	B-BH10	B-BH10	B-BH10	B-BH11	B-BH11	B-BH12	B-BH12	B-BH12
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-16775-0	23-21550	23-21550	23-21550	23-21550	23-21436	23-21436	23-21439	23-21439	23-21439
		07 Jul 2023	06 Sep 2023	06 Sep 2023	06 Sep 2023	06 Sep 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023
		3.8	0.3 - 0.4	0.5 - 0.6	1 - 1.1	2.9	0.3	0.5	0.6	1.3	4.3
	Unit										
Metals											
Aluminium	mg/kg	---	18,000	---	36,000	37,000	---	32,000	6,000	---	5,600
Antimony	mg/kg	---	5.1	---	1.4	3.8	---	<1	11	---	9.2
Arsenic	mg/kg	---	6.8	---	21	400	---	5.6	30	---	8.4
Barium	mg/kg	---	160	---	360	110	---	180	240	---	490
Beryllium	mg/kg	---	2	---	4.2	3.8	---	4.3	0.6	---	0.4
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron (filtered)	mg/kg	---	3.3	---	5	2.8	---	5.4	5.9	---	9.6
Cadmium	mg/kg	---	0.3	---	0.2	1	---	0.4	20	---	0.5
Calcium	mg/kg	---	53,000	---	120,000	86,000	---	95,000	47,000	---	190,000
Chromium (hexavalent)	mg/kg	---	<1	---	<1	<1	---	<1	<1	---	<1
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	---	32	---	65	79	---	16	57	---	650
Chromium (Trivalent)	mg/kg	---	32	---	65	79	---	16	57	---	650
Copper	mg/kg	---	11	---	11	45	---	8.6	130	---	34
Iron	mg/kg	---	150,000	---	26,000	100,000	---	11,000	260,000	---	81,000
Lead	mg/kg	---	31	---	14	170	---	39	1,400	---	36
Magnesium	mg/kg	---	10,000	---	21,000	12,000	---	14,000	11,000	---	28,000
Manganese	mg/kg	---	1,700	---	3,200	2,100	---	1,800	13,000	---	29,000
Mercury	mg/kg	---	<0.05	---	<0.05	0.2	---	<0.05	0.36	---	0.09
Molybdenum	mg/kg	---	0.4	---	0.9	20	---	<0.4	3.2	---	3.6
Nickel	mg/kg	---	5.5	---	8.1	55	---	4.2	52	---	7
Potassium	mg/kg	---	600	---	3,000	3,400	---	1,800	580	---	450
Selenium	mg/kg	---	<0.5	---	2.2	<0.5	---	1.7	3.8	---	12
Silicon	mg/kg	---	---	---	61,000	---	---	60,000	31,000	---	---
Sodium	mg/kg	---	340	---	1,600	1,300	---	720	990	---	500
Tin	mg/kg	---	<1	---	<1	2.3	---	<1	33	---	4.7
Titanium	mg/kg	---	370	---	490	450	---	410	330	---	540
Vanadium	mg/kg	---	110	---	250	240	---	52	290	---	2,900
Zinc	mg/kg	---	110	---	210	450	---	150	7,400	---	99
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	---	1.8	---	2	2.4	---	0.94	1.2	---	0.93
Nitrite (as N)	mg/kg	---	<0.5	---	<0.5	<0.5	---	<0.5	<0.5	---	<0.5
Chloride	mg/kg	---	14.2	---	17.5	14.5	---	6.7	131	---	88.3
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	<0.1	---	<0.1	<0.1	---	<0.1	<0.1	---	<0.1
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	---	0.6	---	<0.1	0.5	---	0.1	37	---	0.3
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	---	0.6	---	<0.2	0.5	---	<0.2	37	---	0.3
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	11	---	12	9.6	---	5.5	17	---	5.3
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	5.5	---	2.3	18	---	4.2	5.6	---	2.6
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	3,300	---	17,000	64,000	---	26,000	4,500	---	9,900
Sulphate (2:1 Water Soluble) as SO4	mg/L	---	360	---	1,800	1,700	---	380	380	---	130
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	---	---	---	---	---	---	---	---	---
Sulphur as S	%	---	0.12	---	0.58	2	---	0.37	0.13	---	0.25
Sulphur (free)	mg/kg	---	35	---	160	23	---	110	<0.75	---	<0.75
Sulphide	mg/kg	---	650	---	1,700	730	---	<10	48	---	190
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	1.6	---	1.7	1.7	---	1.8	1.1	---	1.4
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	0.28	---	<0.20	<0.20	---	<0.20	<0.20	---	<0.20
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	---	0.14	---	<0.1	<0.1	---	<0.1	<0.1	---	<0.1
Fluoride	mg/kg	---	9.4	---	4.9	<1	---	11	8.1	---	29
Other											
Organic Matter	%	---	1.8	---	1.4	0.7	---	0.1	0.1	---	0.2
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	---	10	---	9.5	17	---	7.5	17	---	6.2
TPH CWG											
>C5-C6 Aliphatics	mg/kg	<0.01	---	---	<0.01	---	---	---	---	---	---
>C6-C8 Aliphatics	mg/kg	<0.01	---	---	<0.01	---	---	---	---	---	---
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH9	B-BH10	B-BH10	B-BH10	B-BH10	B-BH11	B-BH11	B-BH12	B-BH12	B-BH12
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-16775-0	23-21550	23-21550	23-21550	23-21550	23-21436	23-21436	23-21439	23-21439	23-21439
Date		07 Jul 2023	06 Sep 2023	06 Sep 2023	06 Sep 2023	06 Sep 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023
Depth		3.8	0.3 - 0.4	0.5 - 0.6	1 - 1.1	2.9	0.3	0.5	0.6	1.3	4.3
	Unit										
>C8-C10 Aliphatics	mg/kg	<0.01	---	---	<0.01	---	---	---	---	---	---
>C10-C44 Aliphatics	mg/kg	<10	---	---	<10	---	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	<1.5	---	---	<1.5	---	---	---	---	---	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	<1.2	---	---	<1.2	---	---	---	---	---	---
>C16-C21 Aliphatics	mg/kg	<1.5	---	---	<1.5	---	---	---	---	---	---
>C16-C35 Aliphatics	mg/kg	<4.9	---	---	<4.9	---	---	---	---	---	---
>C21-C35 Aliphatics	mg/kg	<3.4	---	---	<3.4	---	---	---	---	---	---
>C35-C44 Aliphatics	mg/kg	<3.4	---	---	<3.4	---	---	---	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	<0.01	---	---	<0.01	---	---	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	<0.01	---	---	<0.01	---	---	---	---	---	---
>EC10-EC44 Aromatics	mg/kg	<10	---	---	<10	---	---	---	---	---	---
>EC8-EC10 Aromatics	mg/kg	<0.01	---	---	<0.01	---	---	---	---	---	---
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	<0.9	---	---	<0.9	---	---	---	---	---	---
>EC12-EC16 Aromatics	mg/kg	<0.5	---	---	<0.5	---	---	---	---	---	---
>EC16-EC21 Aromatics	mg/kg	<0.6	---	---	<0.6	---	---	---	---	---	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	<1.4	---	---	<1.4	---	---	---	---	---	---
>EC35-EC44 Aromatics	mg/kg	<1.4	---	---	<1.4	---	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	<10	---	---	<10	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	<10	---	---	<10	---	---	---	---	---	---
TPH											
EPH >C10-40	mg/kg	---	<10	---	<10	<10	---	<10	<10	---	<10
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	0.3	---	<0.1	<0.1	---	<0.1	<0.1	---	0.1
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	<0.002	---	---	<0.002	---	---	---	---	---	---
Toluene	mg/kg	<0.005	---	---	<0.005	---	---	---	---	---	---
Ethylbenzene	mg/kg	<0.002	---	---	<0.002	---	---	---	---	---	---
Xylene (m & p)	mg/kg	<0.002	---	---	<0.002	---	---	---	---	---	---
Xylene (o)	mg/kg	<0.002	---	---	<0.002	---	---	---	---	---	---
Xylene Total	mg/kg	<0.004	---	---	<0.004	---	---	---	---	---	---
MTBE	mg/kg	<0.005	---	---	<0.005	---	---	---	---	---	---
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Coronene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	<0.01	0.03	---	0.05	<0.03	---	<0.03	0.07	---	<0.03
Acenaphthene	mg/kg	<0.1	<0.03	---	<0.03	<0.03	---	<0.03	0.04	---	<0.03
Acenaphthylene	mg/kg	<0.1	<0.03	---	<0.03	<0.03	---	<0.03	<0.03	---	<0.03
Fluoranthene	mg/kg	<0.1	0.04	---	0.67	0.11	---	<0.03	0.12	---	0.07
Anthracene	mg/kg	<0.1	<0.03	---	<0.03	<0.03	---	<0.03	<0.03	---	<0.03
Phenanthrene	mg/kg	<0.1	0.06	---	0.35	0.09	---	<0.03	0.07	---	0.06
Fluorene	mg/kg	<0.1	<0.03	---	<0.03	<0.03	---	<0.03	<0.03	---	<0.03
Chrysene	mg/kg	<0.1	<0.03	---	0.46	0.04	---	<0.03	0.04	---	<0.03
Pyrene	mg/kg	<0.1	0.03	---	0.65	0.08	---	<0.03	0.09	---	0.05
Benzo(a)anthracene	mg/kg	<0.1	<0.03	---	0.4	<0.03	---	<0.03	<0.03	---	<0.03
Benzo(b)fluoranthene	mg/kg	<0.1	<0.03	---	0.46	0.04	---	<0.03	<0.03	---	<0.03
Benzo(k)fluoranthene	mg/kg	<0.1	<0.03	---	0.15	<0.03	---	<0.03	<0.03	---	<0.03
Benzo(b+k)fluoranthene	mg/kg	<0.2	<0.06	---	0.61	0.07	---	<0.06	<0.06	---	<0.06
Benzo(a)pyrene	mg/kg	<0.1	<0.03	---	0.22	<0.03	---	<0.03	<0.03	---	<0.03
Dibenz(a,h)anthracene	mg/kg	<0.1	<0.03	---	0.05	<0.03	---	<0.03	<0.03	---	<0.03
Benzo(g,h,i)perylene	mg/kg	<0.1	<0.03	---	0.12	<0.03	---	<0.03	<0.03	---	<0.03
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.1	<0.03	---	0.12	<0.03	---	<0.03	<0.03	---	<0.03
PAH 16 Total	mg/kg	---	<0.1	---	3.7	0.36	---	<0.1	0.4	---	0.18
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	mg/kg	---	1	---	0.9	0.8	---	<0.3	<0.3	---	<0.3
3/4-Methylphenol (m/p-cresol)	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Xylenols	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	<0.01	---	---	0.05	---	---	---	---	---	---
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	<0.02	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH9	B-BH10	B-BH10	B-BH10	B-BH10	B-BH11	B-BH11	B-BH12	B-BH12	B-BH12
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-16775-0	23-21550	23-21550	23-21550	23-21550	23-21436	23-21436	23-21439	23-21439	23-21439
Date		07 Jul 2023	06 Sep 2023	06 Sep 2023	06 Sep 2023	06 Sep 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023
Depth		3.8	0.3 - 0.4	0.5 - 0.6	1 - 1.1	2.9	0.3	0.5	0.6	1.3	4.3
	Unit										
1,1,1,2-tetrachloroethane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	<0.02	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Trihalomethanes	mg/kg	0.05	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	0.02	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
tert-Amyl methyl ether	mg/kg	<0.005	---	---	<0.005	---	---	---	---	---	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Trichlorobenzene (total)	mg/kg	<0.02	---	---	---	---	---	---	---	---	---
SVOC											
1,4-dinitrobenzene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Benzyl alcohol	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
1,2-Dinitrobenzene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	<0.01	---	---	0.03	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	<0.01	---	---	0.05	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	<0.01	---	---	0.02	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
2,6-dichlorophenol	mg/kg	<0.01	---	---	0.03	---	---	---	---	---	---
2,6-Dimethylphenol	mg/kg	<0.01	---	---	<0.01	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH9	B-BH10	B-BH10	B-BH10	B-BH10	B-BH11	B-BH11	B-BH12	B-BH12	B-BH12
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-16775-0	23-21550	23-21550	23-21550	23-21550	23-21436	23-21436	23-21439	23-21439	23-21439
Date		07 Jul 2023	06 Sep 2023	06 Sep 2023	06 Sep 2023	06 Sep 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023
Depth		3.8	0.3 - 0.4	0.5 - 0.6	1 - 1.1	2.9	0.3	0.5	0.6	1.3	4.3
	Unit										
2,6-dinitrotoluene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	<0.01	---	---	0.07	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	<0.01	---	---	0.05	---	---	---	---	---	---
Aniline	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Diphenylamine	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	<0.4	<0.12	---	0.85	0.13	---	<0.12	<0.12	---	<0.12
Pesticides											
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH9	B-BH10	B-BH10	B-BH10	B-BH10	B-BH11	B-BH11	B-BH12	B-BH12	B-BH12
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-16775-0	23-21550	23-21550	23-21550	23-21550	23-21436	23-21436	23-21439	23-21439	23-21439
Date		07 Jul 2023	06 Sep 2023	06 Sep 2023	06 Sep 2023	06 Sep 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023
Depth		3.8	0.3 - 0.4	0.5 - 0.6	1 - 1.1	2.9	0.3	0.5	0.6	1.3	4.3
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	---	10.7	---	10.8	8.6	---	10.4	9.4	---	11.8



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH13	B-BH13	B-BH15	B-BH15	B-BH15	B-BH15	B-BH16	B-BH16	B-BH16	B-BH16
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-21901	23-21901	23-05104-0	23-05104-0	23-05111	23-05111	23-20508	23-20508	23-20508	23-20508
Date		07 Sep 2023	07 Sep 2023	24 Feb 2023	24 Feb 2023	23 Feb 2023	23 Feb 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023
Depth		1.7	3.5	2.8	2.8	0.5	0.5	0.7	1	1.9	3.6
	Unit										
Metals											
Aluminium	mg/kg	25,000	21,000	47,000	---	45,000	---	<1	---	<1	7,400
Antimony	mg/kg	<1	<1	<1	---	---	---	3.2	---	<1	11
Arsenic	mg/kg	7.2	4	4.8	---	8.2	---	32	---	9.9	2.5
Barium	mg/kg	250	220	290	---	---	---	190	---	230	260
Beryllium	mg/kg	3.7	2.7	4.6	---	4.7	---	4.4	---	8.8	0.5
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron (filtered)	mg/kg	3.1	4.5	2.9	---	4.8	---	7.1	---	5.6	1
Cadmium	mg/kg	0.5	<0.1	<0.1	---	0.3	---	0.6	---	<0.1	0.5
Calcium	mg/kg	61,000	57,000	150,000	---	130,000	---	<1	---	<1	<1
Chromium (hexavalent)	mg/kg	<1	<1	<1	---	<1	---	<1	---	<1	<1
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	22	11	---	---	---	---	120	---	27	970
Chromium (Trivalent)	mg/kg	22	11	11	---	33	---	120	---	27	970
Copper	mg/kg	11	4.8	4.4	---	12	---	36	---	8.7	58
Iron	mg/kg	14,000	4,500	5,300	---	18,000	---	<25	---	10,000	<25
Lead	mg/kg	45	7.9	0.7	---	27	---	55	---	7.4	23
Magnesium	mg/kg	8,800	10,000	27,000	---	20,000	---	<1	---	<1	<1
Manganese	mg/kg	1,400	1,200	3,300	---	2,500	---	<20	---	2,300	<20
Mercury	mg/kg	<0.05	0.1	<0.05	---	<0.05	---	<0.05	---	<0.05	0.16
Molybdenum	mg/kg	1.6	<0.4	0.4	---	1.1	---	1.1	---	<0.4	3.3
Nickel	mg/kg	9.8	1.7	1.4	---	4.6	---	21	---	4.1	5.4
Potassium	mg/kg	2,100	1,700	3,900	---	2,100	---	2,300	---	3,700	350
Selenium	mg/kg	0.6	1.2	2.7	---	2.1	---	3.4	---	2.8	6.4
Silicon	mg/kg	---	---	61,000	---	67,000	---	64,000	---	---	---
Sodium	mg/kg	560	760	3,100	---	930	---	1,000	---	1,200	280
Tin	mg/kg	<1	<1	<1	---	1	---	1.6	---	<1	2.1
Titanium	mg/kg	330	350	760	---	720	---	990	---	700	1,600
Vanadium	mg/kg	95	39	50	---	110	---	490	---	85	<0.8
Zinc	mg/kg	170	15	2.1	---	95	---	190	---	47	96
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	2.3	0.97	1.1	---	3.1	---	1.6	---	1.2	0.92
Nitrite (as N)	mg/kg	<0.5	<0.5	<0.5	---	---	---	<0.5	---	<0.5	<0.5
Chloride	mg/kg	9.5	14.8	8.7	---	26.8	---	111	---	10.5	46.8
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	<0.1	<0.1	0.1	---	<0.1	---	<0.1	---	<0.1	<0.1
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	0.1	0.2	0.4	---	3.8	---	14	---	1.2	0.4
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	<0.2	<0.2	0.2	---	---	---	14	---	1.2	0.4
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	5.1	2.9	<1	---	<1	---	33	---	4.4	5.5
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	<1	1.4	<1	---	---	---	2	---	<1	<1
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	10,000	9,700	20,000	---	16,000	---	8,500	---	14,000	22,000
Sulphate (2:1 Water Soluble) as SO4	mg/L	1,600	1,300	1,800	---	1,600	---	1,200	---	1,900	230
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	---	10.5	---	11	---	---	---	---	---
Sulphur as S	%	0.31	0.28	0.73	0.01	0.47	0.0055	0.39	---	0.87	0.62
Sulphur (free)	mg/kg	30	13	100	---	55	---	16	---	220	3.6
Sulphide	mg/kg	1,600	2,700	4,500	---	32	---	160	---	190	88
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	2	---	1.6	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	<0.6	0.7	1.1	---	<0.6	---	0.7	---	1	<0.6
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	<0.20	<0.20	<0.20	---	<0.20	---	<0.20	---	<0.20	<0.20
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	<0.1
Fluoride	mg/kg	13	9.9	<1	---	---	---	7.9	---	4.4	6.5
Other											
Organic Matter	%	3.6	2.2	0.4	---	1.2	---	0.9	---	0.8	0.8
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	5.5	14	7.5	---	7.9	---	8.8	---	8.4	11
TPH CWG											
>C5-C6 Aliphatics	mg/kg	<0.01	---	---	---	<0.01	---	---	---	<0.01	---
>C6-C8 Aliphatics	mg/kg	<0.01	---	---	---	<0.01	---	---	---	<0.01	---
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH13	B-BH13	B-BH15	B-BH15	B-BH15	B-BH15	B-BH16	B-BH16	B-BH16	B-BH16
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-21901	23-21901	23-05104-0	23-05104-0	23-05111	23-05111	23-20508	23-20508	23-20508	23-20508
Date		07 Sep 2023	07 Sep 2023	24 Feb 2023	24 Feb 2023	23 Feb 2023	23 Feb 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023
Depth		1.7	3.5	2.8	2.8	0.5	0.5	0.7	1	1.9	3.6
	Unit										
>C8-C10 Aliphatics	mg/kg	<0.01	---	---	---	<0.01	---	---	---	<0.01	---
>C10-C44 Aliphatics	mg/kg	<10	---	---	---	<10	---	---	---	<10	---
>C10-C12 Aliphatics	mg/kg	<1.5	---	---	---	<1.5	---	---	---	<1.5	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	<1.2	---	---	---	<1.2	---	---	---	<1.2	---
>C16-C21 Aliphatics	mg/kg	<1.5	---	---	---	<1.5	---	---	---	<1.5	---
>C16-C35 Aliphatics	mg/kg	<4.9	---	---	---	---	---	---	---	<4.9	---
>C21-C35 Aliphatics	mg/kg	<3.4	---	---	---	<3.4	---	---	---	<3.4	---
>C35-C44 Aliphatics	mg/kg	<3.4	---	---	---	<3.4	---	---	---	<3.4	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	<0.01	---	---	---	<0.01	---	---	---	<0.01	---
>EC7-EC8 Aromatics	mg/kg	<0.01	---	---	---	<0.01	---	---	---	<0.01	---
>EC10-EC44 Aromatics	mg/kg	<10	---	---	---	<10	---	---	---	<10	---
>EC8-EC10 Aromatics	mg/kg	<0.01	---	---	---	<0.01	---	---	---	<0.01	---
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	<0.9	---	---	---	<0.9	---	---	---	<0.9	---
>EC12-EC16 Aromatics	mg/kg	<0.5	---	---	---	<0.5	---	---	---	<0.5	---
>EC16-EC21 Aromatics	mg/kg	<0.6	---	---	---	<0.6	---	---	---	<0.6	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	<1.4	---	---	---	<1.4	---	---	---	<1.4	---
>EC35-EC44 Aromatics	mg/kg	<1.4	---	---	---	<1.4	---	---	---	<1.4	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	<10	---	---	---	<10	---	---	---	<10	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	<10	---	---	---	<10	---	---	---	<10	---
TPH											
EPH >C10-40	mg/kg	<10	<10	<10	---	<10	---	<10	---	<10	<10
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	<0.1
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	<0.002	---	---	---	<0.002	---	---	---	<0.002	---
Toluene	mg/kg	<0.005	---	---	---	<0.005	---	---	---	<0.005	---
Ethylbenzene	mg/kg	<0.002	---	---	---	<0.002	---	---	---	<0.002	---
Xylene (m & p)	mg/kg	<0.002	---	---	---	<0.002	---	---	---	<0.002	---
Xylene (o)	mg/kg	<0.002	---	---	---	<0.002	---	---	---	<0.002	---
Xylene Total	mg/kg	<0.004	---	---	---	---	---	---	---	<0.004	---
MTBE	mg/kg	<0.005	---	---	---	<0.005	---	---	---	<0.005	---
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Coronene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	<0.03	<0.03	<0.03	---	0.04	---	<0.03	---	<0.03	<0.03
Acenaphthene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	---	<0.03	---	<0.03	<0.03
Acenaphthylene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	---	<0.03	---	<0.03	<0.03
Fluoranthene	mg/kg	0.16	0.03	<0.03	---	0.06	---	0.41	---	0.04	<0.03
Anthracene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	---	<0.03	---	<0.03	<0.03
Phenanthrene	mg/kg	0.07	<0.03	<0.03	---	0.06	---	0.21	---	<0.03	<0.03
Fluorene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	---	<0.03	---	<0.03	<0.03
Chrysene	mg/kg	0.06	<0.03	<0.03	---	0.03	---	0.34	---	<0.03	<0.03
Pyrene	mg/kg	0.12	<0.03	<0.03	---	0.04	---	0.29	---	<0.03	<0.03
Benzo(a)anthracene	mg/kg	0.04	<0.03	<0.03	---	<0.03	---	0.12	---	<0.03	<0.03
Benzo(b)fluoranthene	mg/kg	0.03	<0.03	<0.03	---	<0.03	---	0.27	---	<0.03	<0.03
Benzo(k)fluoranthene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	---	0.09	---	<0.03	<0.03
Benzo(b+k)fluoranthene	mg/kg	0.06	<0.06	---	---	---	---	0.36	---	<0.06	<0.06
Benzo(a)pyrene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	---	0.05	---	<0.03	<0.03
Dibenz(a,h)anthracene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	---	<0.03	---	<0.03	<0.03
Benzo(g,h,i)perylene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	---	0.06	---	<0.03	<0.03
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.03	<0.03	<0.03	---	<0.03	---	0.04	---	<0.03	<0.03
PAH 16 Total	mg/kg	0.44	<0.1	<0.1	---	0.2	---	1.9	---	<0.1	<0.1
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	mg/kg	<0.3	0.3	0.8	---	<0.3	---	0.4	---	0.3	<0.3
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Xylenols	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Phenols Monohydric	mg/kg	---	---	0.8	---	<0.3	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	<0.02	---
Styrene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH13	B-BH13	B-BH15	B-BH15	B-BH15	B-BH15	B-BH16	B-BH16	B-BH16	B-BH16
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-21901	23-21901	23-05104-0	23-05104-0	23-05111	23-05111	23-20508	23-20508	23-20508	23-20508
Date		07 Sep 2023	07 Sep 2023	24 Feb 2023	24 Feb 2023	23 Feb 2023	23 Feb 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023
Depth		1.7	3.5	2.8	2.8	0.5	0.5	0.7	1	1.9	3.6
	Unit										
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
1,1-dichloroethane	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
1,1-dichloroethene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
1,1-dichloropropene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
1,2-dibromoethane	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
1,2-dichloroethane	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	---	---	---	---	---	---	---	<0.02	---
1,2-dichloropropane	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
1,3-dichloropropane	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
2,2-dichloropropane	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Trihalomethanes	mg/kg	---	---	---	---	---	---	---	---	<0.04	---
2-chlorotoluene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
4-chlorotoluene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Bromobenzene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Bromochloromethane	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Bromodichloromethane	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Bromoform	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Chlorodibromomethane	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Dibromomethane	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
n-butylbenzene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
n-propylbenzene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
p-isopropyltoluene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
sec-butylbenzene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Trichloroethene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
tert-butylbenzene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Tetrachloroethene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
tert-Amyl methyl ether	mg/kg	<0.005	---	---	---	<0.005	---	---	---	<0.005	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Chlorobenzene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Hexachlorobutadiene	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Trichlorobenzene (total)	mg/kg	---	---	---	---	---	---	---	---	<0.02	---
SVOC											
1,4-dinitrobenzene	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Benzyl alcohol	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
4-nitroaniline	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
4-nitrophenol	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
1,2-Dinitrobenzene	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
1,3-Dinitrobenzene	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
2,4-dichlorophenol	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
2,4-dimethylphenol	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
2,6-dichlorophenol	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
2,6-Dimethylphenol	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH13	B-BH13	B-BH15	B-BH15	B-BH15	B-BH15	B-BH16	B-BH16	B-BH16	B-BH16
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-21901	23-21901	23-05104-0	23-05104-0	23-05111	23-05111	23-20508	23-20508	23-20508	23-20508
Date		07 Sep 2023	07 Sep 2023	24 Feb 2023	24 Feb 2023	23 Feb 2023	23 Feb 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023
Depth		1.7	3.5	2.8	2.8	0.5	0.5	0.7	1	1.9	3.6
	Unit										
2,6-dinitrotoluene	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
2-chloronaphthalene	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
2-chlorophenol	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
2-methylnaphthalene	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
2-methylphenol	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
2-nitroaniline	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
4-methylphenol	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Aniline	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Azobenzene	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Carbazole	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Dibenzofuran	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Diethylphthalate	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Dimethyl phthalate	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Diphenylamine	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Hexachlorobenzene	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
PCB 101	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
PCB 118	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
PCB 138	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
PCB 153	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
PCB 180	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
PCB 52	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	<0.01	---	---	---	<0.01	---
PCBs (Sum of total)	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	0.12	<0.12	---	---	---	---	0.46	---	<0.12	<0.12
Pesticides											
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH13	B-BH13	B-BH15	B-BH15	B-BH15	B-BH15	B-BH16	B-BH16	B-BH16	B-BH16
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-21901	23-21901	23-05104-0	23-05104-0	23-05111	23-05111	23-20508	23-20508	23-20508	23-20508
Date		07 Sep 2023	07 Sep 2023	24 Feb 2023	24 Feb 2023	23 Feb 2023	23 Feb 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023
Depth		1.7	3.5	2.8	2.8	0.5	0.5	0.7	1	1.9	3.6
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	10.2	10.5	---	---	---	---	9.6	---	10.6	11.5



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		B-BH16	B-BH16	B-BH17	B-BH17	B-BH17	B-BH18	B-BH18	B-BH18	B-BH18	B-BH21
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-20508	23-20508	23-20739	23-20739	23-20739	23-17605-1-1	23-17605-1-1	23-17605-1-1	23-17605-1-1	23-18898
		22 Aug 2023	22 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	19 Jul 2023	19 Jul 2023	19 Jul 2023	19 Jul 2023	03 Aug 2023
		4.4	4.5	0.3	0.5	2.3	0.3	0.3	1	1	0.5
	Unit										
Metals											
Aluminium	mg/kg	---	---	---	63,000	59,000	40,000	---	47,000	---	38,000
Antimony	mg/kg	---	---	---	4.4	17	<1	---	<1	---	<1
Arsenic	mg/kg	---	---	---	25	15	2.9	---	3.5	---	3.4
Barium	mg/kg	---	---	---	370	460	120	---	97	---	180
Beryllium	mg/kg	---	---	---	7.4	7.2	4.6	---	5.2	---	4.7
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron (filtered)	mg/kg	---	---	---	9.4	3.3	3.2	---	4.4	---	5.6
Cadmium	mg/kg	---	---	---	2	20	0.1	---	0.2	---	<0.1
Calcium	mg/kg	---	---	---	180,000	190,000	110,000	---	130,000	---	100,000
Chromium (hexavalent)	mg/kg	---	---	---	<1	<1	<1	---	<1	---	<1
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	---	---	---	31	19	6.5	---	7.6	---	13
Chromium (Trivalent)	mg/kg	---	---	---	31	19	6.5	---	7.6	---	13
Copper	mg/kg	---	---	---	75	70	3.2	---	3.2	---	2.2
Iron	mg/kg	---	---	---	19,000	6,100	2,500	---	2,300	---	4,100
Lead	mg/kg	---	---	---	170	160	4.1	---	4.8	---	2
Magnesium	mg/kg	---	---	---	30,000	27,000	17,000	---	20,000	---	17,000
Manganese	mg/kg	---	---	---	2,800	2,600	2,200	---	2,600	---	1,500
Mercury	mg/kg	---	---	---	<0.05	0.4	<0.05	---	<0.05	---	<0.05
Molybdenum	mg/kg	---	---	---	3.1	0.8	0.6	---	<0.4	---	<0.4
Nickel	mg/kg	---	---	---	6.1	5.7	<1	---	<1	---	<1
Potassium	mg/kg	---	---	---	3,600	6,700	1,700	---	2,100	---	1,800
Selenium	mg/kg	---	---	---	2.9	2.2	2.2	---	2.6	---	1.2
Silicon	mg/kg	---	---	---	54,000	32,000	60,000	---	85,000	---	57,000
Sodium	mg/kg	---	---	---	2,400	3,700	870	---	990	---	750
Tin	mg/kg	---	---	---	91	31	<1	---	<1	---	<1
Titanium	mg/kg	---	---	---	850	920	420	---	490	---	530
Vanadium	mg/kg	---	---	---	130	61	24	---	28	---	46
Zinc	mg/kg	---	---	---	210	1,900	17	---	18	---	16
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	---	---	---	1.6	1.8	0.67	---	0.84	---	0.92
Nitrite (as N)	mg/kg	---	---	---	<0.5	<0.5	<0.5	---	<0.5	---	<0.5
Chloride	mg/kg	---	---	---	99.8	17,600	18	---	31.4	---	20.8
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	---	---	<0.1	<0.1	<0.1	---	<0.1	---	<0.1
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	---	---	---	5.9	0.3	2.3	---	1.6	---	0.7
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	---	---	---	5.9	0.3	2.3	---	1.6	---	0.7
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	---	---	8	180	19	---	13	---	15
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	---	---	5.4	320	<1	---	<1	---	<1
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	---	---	30,000	24,000	18,000	---	16,000	---	19,000
Sulphate (2:1 Water Soluble) as SO4	mg/L	---	---	---	1,600	1,300	1,500	---	930	---	1,500
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	---	---	---	---	10.7	---	10.7	---	---
Sulphur as S	%	---	---	---	1.1	0.95	0.44	0.0037	0.51	0.0016	0.43
Sulphur (free)	mg/kg	---	---	---	51	140	37	---	16	---	2.6
Sulphide	mg/kg	---	---	---	60	150	2,500	---	2,100	---	51
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	1.8	---	1.6	---	---
Thiocyanate (as SCN)	mg/kg	---	---	---	0.7	<0.6	<0.6	---	<0.6	---	33
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	---	---	<0.20	<0.20	<0.20	---	<0.20	---	<0.20
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	---	---	---	<0.1	<0.1	<0.1	---	<0.1	---	<0.1
Fluoride	mg/kg	---	---	---	9.8	5.6	4.5	---	6.5	---	4.6
Other											
Organic Matter	%	---	---	---	4.2	4.6	0.4	---	0.4	---	0.9
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	---	---	---	7.8	8.4	8.5	---	10	---	12
TPH CWG											
>C5-C6 Aliphatics	mg/kg	<0.01	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
>C6-C8 Aliphatics	mg/kg	<0.01	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		B-BH16	B-BH16	B-BH17	B-BH17	B-BH17	B-BH18	B-BH18	B-BH18	B-BH18	B-BH21
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-20508	23-20508	23-20739	23-20739	23-20739	23-17605-1-1	23-17605-1-1	23-17605-1-1	23-17605-1-1	23-18898
		22 Aug 2023	22 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	19 Jul 2023	19 Jul 2023	19 Jul 2023	19 Jul 2023	03 Aug 2023
		4.4	4.5	0.3	0.5	2.3	0.3	0.3	1	1	0.5
	Unit										
>C8-C10 Aliphatics	mg/kg	<0.01	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
>C10-C44 Aliphatics	mg/kg	<10	<10	---	<10	---	<10	---	<10	---	<10
>C10-C12 Aliphatics	mg/kg	<1.5	<1.5	---	<1.5	---	<1.5	---	<1.5	---	<1.5
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	<1.2	<1.2	---	<1.2	---	<1.2	---	<1.2	---	<1.2
>C16-C21 Aliphatics	mg/kg	<1.5	<1.5	---	<1.5	---	<1.5	---	<1.5	---	<1.5
>C16-C35 Aliphatics	mg/kg	<4.9	<4.9	---	<4.9	---	<4.9	---	<4.9	---	<4.9
>C21-C35 Aliphatics	mg/kg	<3.4	<3.4	---	<3.4	---	<3.4	---	<3.4	---	<3.4
>C35-C44 Aliphatics	mg/kg	<3.4	<3.4	---	<3.4	---	<3.4	---	<3.4	---	<3.4
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	<0.01	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
>EC7-EC8 Aromatics	mg/kg	<0.01	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
>EC10-EC44 Aromatics	mg/kg	<10	<10	---	<10	---	<10	---	<10	---	<10
>EC8-EC10 Aromatics	mg/kg	<0.01	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	<0.9	<0.9	---	<0.9	---	<0.9	---	<0.9	---	<0.9
>EC12-EC16 Aromatics	mg/kg	<0.5	<0.5	---	<0.5	---	<0.5	---	<0.5	---	<0.5
>EC16-EC21 Aromatics	mg/kg	<0.6	<0.6	---	<0.6	---	<0.6	---	<0.6	---	<0.6
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	<1.4	<1.4	---	<1.4	---	<1.4	---	<1.4	---	<1.4
>EC35-EC44 Aromatics	mg/kg	<1.4	<1.4	---	<1.4	---	<1.4	---	<1.4	---	<1.4
Total Aliphatics & Aromatics >C10-C44	mg/kg	<10	<10	---	<10	---	<10	---	<10	---	<10
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	<10	<10	---	<10	---	<10	---	<10	---	<10
TPH											
EPH >C10-40	mg/kg	---	---	---	<10	<10	<10	---	<10	---	<10
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	---	---	<0.1	<0.1	<0.1	---	<0.1	---	<0.1
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	<0.002	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002
Toluene	mg/kg	<0.005	<0.005	---	<0.005	---	<0.005	---	<0.005	---	<0.005
Ethylbenzene	mg/kg	<0.002	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002
Xylene (m & p)	mg/kg	<0.002	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002
Xylene (o)	mg/kg	<0.002	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002
Xylene Total	mg/kg	<0.004	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004
MTBE	mg/kg	<0.005	<0.005	---	<0.005	---	<0.005	---	<0.005	---	<0.005
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Coronene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	---	<0.01	---	<0.03	<0.03	<0.03	---	<0.03	---	<0.03
Acenaphthene	mg/kg	---	<0.1	---	<0.03	<0.03	<0.03	---	<0.03	---	<0.03
Acenaphthylene	mg/kg	---	<0.1	---	<0.03	<0.03	<0.03	---	<0.03	---	<0.03
Fluoranthene	mg/kg	---	<0.1	---	0.03	<0.03	<0.03	---	0.62	---	<0.03
Anthracene	mg/kg	---	<0.1	---	<0.03	<0.03	<0.03	---	0.07	---	<0.03
Phenanthrene	mg/kg	---	<0.1	---	<0.03	<0.03	<0.03	---	0.5	---	<0.03
Fluorene	mg/kg	---	<0.1	---	<0.03	<0.03	<0.03	---	0.06	---	<0.03
Chrysene	mg/kg	---	<0.1	---	0.03	<0.03	<0.03	---	0.15	---	<0.03
Pyrene	mg/kg	---	<0.1	---	<0.03	<0.03	<0.03	---	0.48	---	<0.03
Benzo(a)anthracene	mg/kg	---	<0.1	---	<0.03	<0.03	<0.03	---	0.14	---	<0.03
Benzo(b)fluoranthene	mg/kg	---	<0.1	---	0.04	<0.03	<0.03	---	0.12	---	<0.03
Benzo(k)fluoranthene	mg/kg	---	<0.1	---	<0.03	<0.03	<0.03	---	0.05	---	<0.03
Benzo(b+k)fluoranthene	mg/kg	---	<0.2	---	0.07	<0.06	<0.06	---	0.17	---	<0.06
Benzo(a)pyrene	mg/kg	---	<0.1	---	<0.03	<0.03	<0.03	---	0.09	---	<0.03
Dibenz(a,h)anthracene	mg/kg	---	<0.1	---	<0.03	<0.03	<0.03	---	<0.03	---	<0.03
Benzo(g,h,i)perylene	mg/kg	---	<0.1	---	<0.03	<0.03	<0.03	---	0.05	---	<0.03
Indeno(1,2,3-c,d)pyrene	mg/kg	---	<0.1	---	<0.03	<0.03	<0.03	---	0.05	---	<0.03
PAH 16 Total	mg/kg	---	---	---	0.11	<0.1	<0.1	---	2.4	---	<0.1
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	mg/kg	---	---	---	<0.3	<0.3	<0.3	---	<0.3	---	<0.3
3/4-Methylphenol (m/p-cresol)	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
Xylenols	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	<0.01	---	0.09	---	---	---	<0.01	---	<0.01
Phenols Monohydric	mg/kg	---	---	---	---	---	<0.3	---	<0.3	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	<0.02	---	---	---	---	---	<0.02	---	<0.02
Styrene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
cis-1,3-dichloropropene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
trans-1,3-dichloropropene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH16	B-BH16	B-BH17	B-BH17	B-BH17	B-BH18	B-BH18	B-BH18	B-BH18	B-BH21
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-20508	23-20508	23-20739	23-20739	23-20739	23-17605-1-1	23-17605-1-1	23-17605-1-1	23-17605-1-1	23-18898
Date		22 Aug 2023	22 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	19 Jul 2023	19 Jul 2023	19 Jul 2023	19 Jul 2023	03 Aug 2023
Depth		4.4	4.5	0.3	0.5	2.3	0.3	0.3	1	1	0.5
	Unit										
1,1,1,2-tetrachloroethane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
1,1,1-trichloroethane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
1,1-dichloroethane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
1,1-dichloroethene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
1,1-dichloropropene	mg/kg	---	0.01	---	---	---	---	---	<0.01	---	<0.01
1,2,3-trichloropropane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
1,2,4-trimethylbenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
1,2-dibromo-3-chloropropane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
1,2-dibromoethane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
1,2-dichloroethane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	<0.02	---	---	---	---	---	<0.02	---	<0.02
1,2-dichloropropane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
1,3,5-trimethylbenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
1,3-dichloropropane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
2,2-dichloropropane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
Trihalomethanes	mg/kg	---	<0.04	---	---	---	---	---	<0.04	---	<0.04
2-chlorotoluene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
4-chlorotoluene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
Bromobenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
Bromochloromethane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
Bromodichloromethane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
Bromoform	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
Chlorodibromomethane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
Dibromomethane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
n-butylbenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
n-propylbenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
p-isopropyltoluene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
sec-butylbenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
Trichloroethene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
tert-butylbenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
Tetrachloroethene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
trans-1,2-dichloroethene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
tert-Amyl methyl ether	mg/kg	<0.005	<0.005	---	<0.005	---	<0.005	---	<0.005	---	<0.005
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
1,2,4-trichlorobenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
1,2-dichlorobenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
1,3-dichlorobenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
1,4-dichlorobenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
Chlorobenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
Hexachlorobutadiene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	<0.01
Trichlorobenzene (total)	mg/kg	---	<0.02	---	---	---	---	---	<0.02	---	<0.02
SVOC											
1,4-dinitrobenzene	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
Benzyl alcohol	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
4-bromophenyl phenyl ether	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
4-nitroaniline	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
4-nitrophenol	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
1,2-Dinitrobenzene	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
1,3-Dinitrobenzene	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
2,3,4,6-tetrachlorophenol	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
2,3,5,6-Tetrachlorophenol	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
2,4,5-trichlorophenol	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
2,4,6-trichlorophenol	mg/kg	---	<0.01	---	<0.01	---	---	---	<0.01	---	<0.01
2,4-dichlorophenol	mg/kg	---	<0.01	---	0.01	---	---	---	<0.01	---	<0.01
2,4-dimethylphenol	mg/kg	---	<0.01	---	0.05	---	---	---	<0.01	---	<0.01
2,4-dinitrotoluene	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
2,6-dichlorophenol	mg/kg	---	<0.01	---	<0.01	---	---	---	<0.01	---	<0.01
2,6-Dimethylphenol	mg/kg	---	<0.01	---	0.01	---	---	---	<0.01	---	<0.01



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH16	B-BH16	B-BH17	B-BH17	B-BH17	B-BH18	B-BH18	B-BH18	B-BH18	B-BH21
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-20508	23-20508	23-20739	23-20739	23-20739	23-17605-1-1	23-17605-1-1	23-17605-1-1	23-17605-1-1	23-18898
Date		22 Aug 2023	22 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	19 Jul 2023	19 Jul 2023	19 Jul 2023	19 Jul 2023	03 Aug 2023
Depth		4.4	4.5	0.3	0.5	2.3	0.3	0.3	1	1	0.5
	Unit										
2,6-dinitrotoluene	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
2-chloronaphthalene	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
2-chlorophenol	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
2-methylnaphthalene	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
2-methylphenol	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
2-nitroaniline	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
4,6-Dinitro-2-methylphenol	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
4-chloro-3-methylphenol	mg/kg	---	0.01	---	<0.01	---	---	---	<0.01	---	0.01
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
4-methylphenol	mg/kg	---	0.03	---	0.13	---	---	---	<0.01	---	<0.01
Aniline	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
Azobenzene	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
Bis(2-chloroethoxy) methane	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
Bis(2-ethylhexyl) phthalate	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
Butyl benzyl phthalate	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
Carbazole	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
Dibenzofuran	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
Diethylphthalate	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
Dimethyl phthalate	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
Di-n-butyl phthalate	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
Di-n-octyl phthalate	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
Diphenylamine	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
Hexachlorobenzene	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
Hexachlorocyclopentadiene	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	<0.1
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	<0.1	---	<0.035	---	---	---	<0.1	---	<0.1
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	---	<0.4	---	0.13	<0.12	<0.12	---	0.27	---	<0.12
Pesticides											
Heptachlor epoxide	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	<0.035	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH16	B-BH16	B-BH17	B-BH17	B-BH17	B-BH18	B-BH18	B-BH18	B-BH18	B-BH21
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-20508	23-20508	23-20739	23-20739	23-20739	23-17605-1-1	23-17605-1-1	23-17605-1-1	23-17605-1-1	23-18898
Date		22 Aug 2023	22 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	19 Jul 2023	19 Jul 2023	19 Jul 2023	19 Jul 2023	03 Aug 2023
Depth		4.4	4.5	0.3	0.5	2.3	0.3	0.3	1	1	0.5
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	<0.035	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	<0.035	---	---	---	---	---	---
Hedonal	mg/kg	---	---	---	<0.035	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	<0.035	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	<0.035	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	<0.2	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	<0.3	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	<0.035	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	<0.035	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	<0.035	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	<0.035	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	<0.035	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
DDT	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	<0.035	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	<0.035	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	<0.035	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	<0.035	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	<0.035	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	<0.035	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	<0.1	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	<0.035	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	---	---	---	9.8	10.3	10.7	---	10.7	---	10.8



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH21	B-BH21	B-BH22	B-BH22	B-BH22	B-BH22	B-BH23	B-BH25	B-BH25	B-BH25
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-18898	23-18898	23-20505	23-20505	23-20505	23-20505	23-22399	23-20821	23-20821	23-20821
Date		03 Aug 2023	03 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	12 Sep 2023	29 Aug 2023	29 Aug 2023	29 Aug 2023
Depth		0.8	2.2	0.3	0.5	1	2	1	0.3	0.5	1
	Unit										
Metals											
Aluminium	mg/kg	---	36,000	<1	---	<1	---	16,000	---	1,400	---
Antimony	mg/kg	---	<1	<1	---	<1	---	7	---	2.8	---
Arsenic	mg/kg	---	3.3	6.8	---	8.2	---	25	---	16	---
Barium	mg/kg	---	260	270	---	250	---	430	---	140	---
Beryllium	mg/kg	---	3.7	5.8	---	2.2	---	1.1	---	1.5	---
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron (filtered)	mg/kg	---	3.8	6.7	---	3.2	---	3.9	---	1.4	---
Cadmium	mg/kg	---	<0.1	0.1	---	0.1	---	1	---	0.2	---
Calcium	mg/kg	---	96,000	<1	---	<1	---	140,000	---	2,800	---
Chromium (hexavalent)	mg/kg	---	<1	<1	---	<1	---	<1	---	<1	---
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	---	16	22	---	36	---	250	---	15	---
Chromium (Trivalent)	mg/kg	---	16	22	---	36	---	250	---	15	---
Copper	mg/kg	---	3	6.4	---	21	---	70	---	35	---
Iron	mg/kg	---	3,100	7,600	---	22,000	---	140,000	---	1,800	---
Lead	mg/kg	---	5	7.6	---	15	---	50	---	26	---
Magnesium	mg/kg	---	15,000	<1	---	<1	---	21,000	---	2,500	---
Manganese	mg/kg	---	1,800	3,200	---	1,400	---	32,000	---	920	---
Mercury	mg/kg	---	<0.05	<0.05	---	<0.05	---	0.08	---	0.16	---
Molybdenum	mg/kg	---	<0.4	<0.4	---	<0.4	---	5.2	---	3	---
Nickel	mg/kg	---	1	2.4	---	19	---	33	---	14	---
Potassium	mg/kg	---	2,100	2,400	---	2,600	---	760	---	1,300	---
Selenium	mg/kg	---	1.6	2.6	---	0.9	---	10	---	0.6	---
Silicon	mg/kg	---	59,000	57,000	---	---	---	---	---	110,000	---
Sodium	mg/kg	---	1,000	1,200	---	2,300	---	940	---	460	---
Tin	mg/kg	---	<1	<1	---	<1	---	6.8	---	<1	---
Titanium	mg/kg	---	590	630	---	390	---	1,400	---	250	---
Vanadium	mg/kg	---	60	69	---	96	---	1,300	---	38	---
Zinc	mg/kg	---	28	67	---	63	---	190	---	40	---
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	---	1.4	0.97	---	0.88	---	<0.5	---	2	---
Nitrite (as N)	mg/kg	---	<0.5	<0.5	---	<0.5	---	<0.5	---	<0.5	---
Chloride	mg/kg	---	16.8	17.1	---	27	---	469	---	45.1	---
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	<0.1	<0.1	---	<0.1	---	<0.1	---	0.1	---
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	---	0.1	0.7	---	<0.1	---	1.4	---	0.2	---
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	---	<0.2	0.7	---	<0.2	---	1.4	---	<0.2	---
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	4.1	18	---	9.6	---	26	---	9.4	---
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	<1	<1	---	1.8	---	12	---	2.3	---
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	20,000	15,000	---	5,000	---	8,400	---	2,600	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	---	1,500	1,600	---	900	---	130	---	500	---
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	---	---	---	---	---	---	---	---	---
Sulphur as S	%	---	0.45	0.71	---	0.76	---	0.25	---	0.13	---
Sulphur (free)	mg/kg	---	30	82	---	2.6	---	2.2	---	4.7	---
Sulphide	mg/kg	---	75	190	---	52	---	730	---	84	---
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	31	1.5	---	0.8	---	4.7	---	6.7	---
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	<0.20	<0.20	---	<0.20	---	<0.20	---	<0.20	---
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	---	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Fluoride	mg/kg	---	2.6	8.8	---	8.6	---	21	---	6.4	---
Other											
Organic Matter	%	---	2.6	0.7	---	0.9	---	1.3	---	5.4	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	---	8.9	7.4	---	13	---	10	---	12	---
TPH CWG											
>C5-C6 Aliphatics	mg/kg	---	<0.01	<0.01	---	<0.01	---	<0.01	---	---	---
>C6-C8 Aliphatics	mg/kg	---	<0.01	<0.01	---	<0.01	---	<0.01	---	---	---
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH21	B-BH21	B-BH22	B-BH22	B-BH22	B-BH22	B-BH23	B-BH25	B-BH25	B-BH25
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-18898	23-18898	23-20505	23-20505	23-20505	23-20505	23-22399	23-20821	23-20821	23-20821
Date		03 Aug 2023	03 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	12 Sep 2023	29 Aug 2023	29 Aug 2023	29 Aug 2023
Depth		0.8	2.2	0.3	0.5	1	2	1	0.3	0.5	1
	Unit										
>C8-C10 Aliphatics	mg/kg	---	<0.01	<0.01	---	<0.01	---	<0.01	---	---	---
>C10-C44 Aliphatics	mg/kg	---	<10	<10	---	<10	---	<10	---	---	---
>C10-C12 Aliphatics	mg/kg	---	<1.5	<1.5	---	<1.5	---	<1.5	---	---	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	<1.2	<1.2	---	<1.2	---	<1.2	---	---	---
>C16-C21 Aliphatics	mg/kg	---	<1.5	<1.5	---	<1.5	---	<1.5	---	---	---
>C16-C35 Aliphatics	mg/kg	---	<4.9	<4.9	---	<4.9	---	<4.9	---	---	---
>C21-C35 Aliphatics	mg/kg	---	<3.4	<3.4	---	<3.4	---	<3.4	---	---	---
>C35-C44 Aliphatics	mg/kg	---	<3.4	<3.4	---	<3.4	---	<3.4	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	<0.01	<0.01	---	<0.01	---	<0.01	---	---	---
>EC7-EC8 Aromatics	mg/kg	---	<0.01	<0.01	---	<0.01	---	<0.01	---	---	---
>EC10-EC44 Aromatics	mg/kg	---	<10	<10	---	<10	---	<10	---	---	---
>EC8-EC10 Aromatics	mg/kg	---	<0.01	<0.01	---	<0.01	---	<0.01	---	---	---
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	<0.9	<0.9	---	<0.9	---	<0.9	---	---	---
>EC12-EC16 Aromatics	mg/kg	---	<0.5	<0.5	---	<0.5	---	<0.5	---	---	---
>EC16-EC21 Aromatics	mg/kg	---	<0.6	<0.6	---	<0.6	---	<0.6	---	---	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	<1.4	<1.4	---	<1.4	---	<1.4	---	---	---
>EC35-EC44 Aromatics	mg/kg	---	<1.4	<1.4	---	<1.4	---	<1.4	---	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	<10	<10	---	<10	---	<10	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	<10	<10	---	<10	---	<10	---	---	---
TPH											
EPH >C10-40	mg/kg	---	<10	<10	---	<10	---	<10	---	<10	---
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	---	<0.002	<0.002	---	<0.002	---	<0.002	---	---	---
Toluene	mg/kg	---	<0.005	<0.005	---	<0.005	---	<0.005	---	---	---
Ethylbenzene	mg/kg	---	<0.002	<0.002	---	<0.002	---	<0.002	---	---	---
Xylene (m & p)	mg/kg	---	<0.002	<0.002	---	<0.002	---	<0.002	---	---	---
Xylene (o)	mg/kg	---	<0.002	<0.002	---	<0.002	---	<0.002	---	---	---
Xylene Total	mg/kg	---	<0.004	<0.004	---	<0.004	---	<0.004	---	---	---
MTBE	mg/kg	---	<0.005	<0.005	---	<0.005	---	<0.005	---	---	---
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Coronene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	---	<0.03	<0.03	---	<0.03	---	0.23	---	<0.03	---
Acenaphthene	mg/kg	---	<0.03	<0.03	---	<0.03	---	0.12	---	<0.03	---
Acenaphthylene	mg/kg	---	<0.03	<0.03	---	<0.03	---	0.04	---	<0.03	---
Fluoranthene	mg/kg	---	<0.03	0.05	---	<0.03	---	0.97	---	0.34	---
Anthracene	mg/kg	---	<0.03	<0.03	---	<0.03	---	0.21	---	0.04	---
Phenanthrene	mg/kg	---	<0.03	0.04	---	<0.03	---	0.66	---	0.22	---
Fluorene	mg/kg	---	<0.03	<0.03	---	<0.03	---	0.12	---	<0.03	---
Chrysene	mg/kg	---	<0.03	<0.03	---	<0.03	---	0.42	---	0.11	---
Pyrene	mg/kg	---	<0.03	0.04	---	<0.03	---	0.89	---	0.25	---
Benzo(a)anthracene	mg/kg	---	<0.03	0.03	---	<0.03	---	0.3	---	0.1	---
Benzo(b)fluoranthene	mg/kg	---	<0.03	0.03	---	<0.03	---	0.36	---	0.11	---
Benzo(k)fluoranthene	mg/kg	---	<0.03	<0.03	---	<0.03	---	0.15	---	0.04	---
Benzo(b+k)fluoranthene	mg/kg	---	<0.06	0.06	---	<0.06	---	0.51	---	0.15	---
Benzo(a)pyrene	mg/kg	---	<0.03	<0.03	---	<0.03	---	0.19	---	0.07	---
Dibenz(a,h)anthracene	mg/kg	---	<0.03	<0.03	---	<0.03	---	0.04	---	<0.03	---
Benzo(g,h,i)perylene	mg/kg	---	<0.03	<0.03	---	<0.03	---	0.15	---	0.03	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	<0.03	<0.03	---	<0.03	---	0.13	---	<0.03	---
PAH 16 Total	mg/kg	---	<0.1	0.19	---	<0.1	---	5	---	1.3	---
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	mg/kg	---	<0.3	<0.3	---	<0.3	---	<0.3	---	2.1	---
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
Xylenols	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	---	---	---	<0.01	---	0.02	---	0.01	---
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	<0.02	---	---	---	---	---
Styrene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH21	B-BH21	B-BH22	B-BH22	B-BH22	B-BH22	B-BH23	B-BH25	B-BH25	B-BH25
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-18898	23-18898	23-20505	23-20505	23-20505	23-20505	23-22399	23-20821	23-20821	23-20821
Date		03 Aug 2023	03 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	12 Sep 2023	29 Aug 2023	29 Aug 2023	29 Aug 2023
Depth		0.8	2.2	0.3	0.5	1	2	1	0.3	0.5	1
	Unit										
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	---	---	---	<0.02	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
Trihalomethanes	mg/kg	---	---	---	---	<0.04	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
tert-Amyl methyl ether	mg/kg	---	<0.005	<0.005	---	<0.005	---	<0.005	---	---	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	<0.01	---	---	---	---	---
Trichlorobenzene (total)	mg/kg	---	---	---	---	<0.02	---	---	---	---	---
SVOC											
1,4-dinitrobenzene	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
Benzyl alcohol	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
1,2-Dinitrobenzene	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	<0.01	---	<0.01	---	<0.01	---
2,4-dichlorophenol	mg/kg	---	---	---	---	<0.01	---	<0.01	---	<0.01	---
2,4-dimethylphenol	mg/kg	---	---	---	---	<0.01	---	<0.01	---	<0.01	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
2,6-dichlorophenol	mg/kg	---	---	---	---	<0.01	---	<0.01	---	<0.01	---
2,6-Dimethylphenol	mg/kg	---	---	---	---	<0.01	---	<0.01	---	<0.01	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH21	B-BH21	B-BH22	B-BH22	B-BH22	B-BH22	B-BH23	B-BH25	B-BH25	B-BH25
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-18898	23-18898	23-20505	23-20505	23-20505	23-20505	23-22399	23-20821	23-20821	23-20821
Date		03 Aug 2023	03 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	12 Sep 2023	29 Aug 2023	29 Aug 2023	29 Aug 2023
Depth		0.8	2.2	0.3	0.5	1	2	1	0.3	0.5	1
	Unit										
2,6-dinitrotoluene	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	<0.01	---	<0.01	---	<0.01	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	0.04	---	0.02	---	0.01	---
Aniline	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
Diphenylamine	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	---	<0.12	0.12	---	<0.12	---	0.79	---	0.21	---
Pesticides											
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH21	B-BH21	B-BH22	B-BH22	B-BH22	B-BH22	B-BH23	B-BH25	B-BH25	B-BH25
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-18898	23-18898	23-20505	23-20505	23-20505	23-20505	23-22399	23-20821	23-20821	23-20821
Date		03 Aug 2023	03 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	12 Sep 2023	29 Aug 2023	29 Aug 2023	29 Aug 2023
Depth		0.8	2.2	0.3	0.5	1	2	1	0.3	0.5	1
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	---	11.2	10.5	---	10.6	---	11.6	---	8.3	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		B-BH29	B-BH29	B-BH29	B-BH29	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-21837	23-21837	23-21837	23-21837	23-16282	23-16282	23-16282	23-16282	23-16282	23-16282
		05 Sep 2023	05 Sep 2023	05 Sep 2023	05 Sep 2023	04 Jul 2023	04 Jul 2023	04 Jul 2023	04 Jul 2023	04 Jul 2023	04 Jul 2023
		0.3	0.5	2.3	3.7	0.3	0.3	1	2.9	2.9	3.45
Metals											
Aluminium	mg/kg	---	28,000	10,000	9,600	84,000	---	---	30,000	---	83,000
Antimony	mg/kg	---	2.2	8.7	17	2.7	---	---	<1	---	3.7
Arsenic	mg/kg	---	130	32	8.2	50	---	---	15	---	13
Barium	mg/kg	---	120	370	730	520	---	---	320	---	470
Beryllium	mg/kg	---	2.6	1.1	<0.2	6.1	---	---	7.6	---	2.1
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron (filtered)	mg/kg	---	3.2	1.3	1.3	3.5	---	---	3.5	---	0.5
Cadmium	mg/kg	---	2.6	0.7	0.7	0.2	---	---	<0.1	---	0.5
Calcium	mg/kg	---	52,000	190,000	160,000	260,000	---	---	110,000	---	260,000
Chromium (hexavalent)	mg/kg	---	<1	<1	<1	<1	---	---	<1	---	<1
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	---	25	450	1,200	110	---	---	34	---	100
Chromium (Trivalent)	mg/kg	---	25	450	1,200	110	---	---	34	---	100
Copper	mg/kg	---	36	47	110	22	---	---	5.6	---	77
Iron	mg/kg	---	73,000	110,000	170,000	42,000	---	---	26,000	---	40,000
Lead	mg/kg	---	200	77	120	35	---	---	<0.3	---	80
Magnesium	mg/kg	---	7,400	28,000	36,000	34,000	---	---	21,000	---	33,000
Manganese	mg/kg	---	1,200	16,000	35,000	4,100	---	---	2,200	---	3,900
Mercury	mg/kg	---	<0.05	0.09	<0.05	0.08	---	---	<0.05	---	0.34
Molybdenum	mg/kg	---	6.1	3	8.9	1.2	---	---	0.6	---	1
Nickel	mg/kg	---	47	20	18	43	---	---	10	---	13
Potassium	mg/kg	---	1,700	760	2,000	2,500	---	---	3,800	---	2,300
Selenium	mg/kg	---	0.9	5.2	11	2.8	---	---	1.9	---	3.3
Silicon	mg/kg	---	72,000	---	---	52,000	---	---	63,000	---	---
Sodium	mg/kg	---	880	510	1,500	1,200	---	---	1,300	---	960
Tin	mg/kg	---	4.6	6.1	15	1.3	---	---	<1	---	5.7
Titanium	mg/kg	---	580	850	930	830	---	---	690	---	730
Vanadium	mg/kg	---	110	1,500	3,500	390	---	---	110	---	310
Zinc	mg/kg	---	2,000	260	430	170	---	---	6.7	---	170
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	---	2.5	<0.5	<0.5	1.4	---	---	1.3	---	1.5
Nitrite (as N)	mg/kg	---	<0.5	<0.5	<0.5	<0.5	---	---	<0.5	---	<0.5
Chloride	mg/kg	---	12.5	25	40	158	---	---	14.5	---	29.9
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	<0.1	<0.1	<0.1	<0.1	---	---	<0.1	---	<0.1
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	---	<0.1	0.5	0.6	0.3	---	---	0.2	---	<0.1
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	---	<0.2	0.5	0.6	0.3	---	---	0.2	---	<0.2
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	16	7.8	7.4	9.9	---	---	5.3	---	10
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	2.5	1.5	2	<1	---	---	<1	---	<1
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	30,000	9,300	4,100	13,000	---	---	21,000	---	9,800
Sulphate (2:1 Water Soluble) as SO4	mg/L	---	1,500	300	19	900	---	---	1,400	---	430
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	---	---	---	10.9	---	---	10.6	---	11.1
Sulphur as S	%	---	0.76	0.27	0.21	0.48	0.0015	---	0.66	0.0048	0.27
Sulphur (free)	mg/kg	---	6.4	9	2.2	15	---	---	48	---	<0.75
Sulphide	mg/kg	---	120	120	110	1,700	---	---	3,100	---	1,000
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	1.3	---	---	2.1	---	0.98
Thiocyanate (as SCN)	mg/kg	---	4.7	1.1	2.1	0.9	---	---	0.8	---	<0.6
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	<0.20	<0.20	<0.20	<0.20	---	---	<0.20	---	<0.20
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	---	<0.1	<0.1	<0.1	<0.1	---	---	<0.1	---	<0.1
Fluoride	mg/kg	---	1.2	14	29	7.5	---	---	7.6	---	11
Other											
Organic Matter	%	---	0.6	0.9	0.3	1.8	---	---	4.1	---	2.2
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	---	14	7.3	3.4	5.5	---	---	5.4	---	17
TPH CWG											
>C5-C6 Aliphatics	mg/kg	---	<0.01	---	<0.01	<0.01	---	---	---	---	<0.01
>C6-C8 Aliphatics	mg/kg	---	<0.01	---	<0.01	<0.01	---	---	---	---	<0.01
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH29	B-BH29	B-BH29	B-BH29	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-21837	23-21837	23-21837	23-21837	23-16282	23-16282	23-16282	23-16282	23-16282	23-16282
Date		05 Sep 2023	05 Sep 2023	05 Sep 2023	05 Sep 2023	04 Jul 2023	04 Jul 2023	04 Jul 2023	04 Jul 2023	04 Jul 2023	04 Jul 2023
Depth		0.3	0.5	2.3	3.7	0.3	0.3	1	2.9	2.9	3.45
	Unit										
>C8-C10 Aliphatics	mg/kg	---	<0.01	---	<0.01	<0.01	---	---	---	---	<0.01
>C10-C44 Aliphatics	mg/kg	---	<10	---	<10	<10	---	---	---	---	<10
>C10-C12 Aliphatics	mg/kg	---	<1.5	---	<1.5	<1.5	---	---	---	---	<1.5
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	<1.2	---	<1.2	<1.2	---	---	---	---	<1.2
>C16-C21 Aliphatics	mg/kg	---	<1.5	---	<1.5	<1.5	---	---	---	---	<1.5
>C16-C35 Aliphatics	mg/kg	---	<4.9	---	<4.9	<4.9	---	---	---	---	<4.9
>C21-C35 Aliphatics	mg/kg	---	<3.4	---	<3.4	<3.4	---	---	---	---	<3.4
>C35-C44 Aliphatics	mg/kg	---	<3.4	---	<3.4	<3.4	---	---	---	---	<3.4
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	<0.01	---	<0.01	<0.01	---	---	---	---	<0.01
>EC7-EC8 Aromatics	mg/kg	---	<0.01	---	<0.01	<0.01	---	---	---	---	<0.01
>EC10-EC44 Aromatics	mg/kg	---	<10	---	<10	<10	---	---	---	---	<10
>EC8-EC10 Aromatics	mg/kg	---	<0.01	---	<0.01	<0.01	---	---	---	---	<0.01
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	<0.9	---	<0.9	<0.9	---	---	---	---	<0.9
>EC12-EC16 Aromatics	mg/kg	---	<0.5	---	<0.5	<0.5	---	---	---	---	<0.5
>EC16-EC21 Aromatics	mg/kg	---	<0.6	---	<0.6	<0.6	---	---	---	---	<0.6
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	<1.4	---	<1.4	<1.4	---	---	---	---	<1.4
>EC35-EC44 Aromatics	mg/kg	---	<1.4	---	<1.4	<1.4	---	---	---	---	<1.4
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	<10	---	<10	<10	---	---	---	---	<10
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	<10	---	<10	<10	---	---	---	---	<10
TPH											
EPH >C10-40	mg/kg	---	<10	<10	<10	38	---	---	20	---	120
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	<0.1	<0.1	<0.1	<0.1	---	---	<0.1	---	<0.1
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	---	<0.002	---	<0.002	<0.002	---	---	---	---	<0.002
Toluene	mg/kg	---	<0.005	---	<0.005	<0.005	---	---	---	---	<0.005
Ethylbenzene	mg/kg	---	<0.002	---	<0.002	<0.002	---	---	---	---	<0.002
Xylene (m & p)	mg/kg	---	<0.002	---	<0.002	<0.002	---	---	---	---	<0.002
Xylene (o)	mg/kg	---	<0.002	---	<0.002	<0.002	---	---	---	---	<0.002
Xylene Total	mg/kg	---	<0.004	---	<0.004	<0.004	---	---	---	---	<0.004
MTBE	mg/kg	---	<0.005	---	<0.005	<0.005	---	---	---	---	<0.005
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Coronene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	---	<0.03	0.05	<0.03	<0.03	---	---	<0.03	---	0.12
Acenaphthene	mg/kg	---	<0.03	<0.03	<0.03	<0.03	---	---	<0.03	---	0.08
Acenaphthylene	mg/kg	---	<0.03	<0.03	<0.03	<0.03	---	---	<0.03	---	<0.03
Fluoranthene	mg/kg	---	0.06	0.39	0.09	0.33	---	---	<0.03	---	1.3
Anthracene	mg/kg	---	<0.03	0.04	<0.03	<0.03	---	---	<0.03	---	0.22
Phenanthrene	mg/kg	---	0.04	0.21	0.04	0.14	---	---	<0.03	---	1.2
Fluorene	mg/kg	---	<0.03	<0.03	<0.03	<0.03	---	---	<0.03	---	0.07
Chrysene	mg/kg	---	<0.03	0.16	0.04	0.23	---	---	<0.03	---	0.45
Pyrene	mg/kg	---	0.04	0.29	0.06	0.25	---	---	<0.03	---	1.1
Benzo(a)anthracene	mg/kg	---	<0.03	0.15	<0.03	0.13	---	---	<0.03	---	0.37
Benzo(b)fluoranthene	mg/kg	---	<0.03	0.15	<0.03	0.18	---	---	<0.03	---	0.32
Benzo(k)fluoranthene	mg/kg	---	<0.03	0.06	<0.03	0.06	---	---	<0.03	---	0.1
Benzo(b+k)fluoranthene	mg/kg	---	<0.06	0.21	<0.06	0.24	---	---	<0.06	---	0.42
Benzo(a)pyrene	mg/kg	---	<0.03	0.09	<0.03	0.06	---	---	<0.03	---	0.19
Dibenz(a,h)anthracene	mg/kg	---	<0.03	<0.03	<0.03	<0.03	---	---	<0.03	---	0.03
Benzo(g,h,i)perylene	mg/kg	---	<0.03	0.05	<0.03	0.07	---	---	<0.03	---	0.11
Indeno(1,2,3-c,d)pyrene	mg/kg	---	<0.03	0.05	<0.03	0.06	---	---	<0.03	---	0.1
PAH 16 Total	mg/kg	---	0.14	1.7	0.23	1.5	---	---	<0.1	---	5.8
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	mg/kg	---	<0.3	<0.3	<0.3	<0.3	---	---	<0.3	---	<0.3
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Xylenols	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	0.03	---	0.02	---	---	---	---	---	<0.01
Phenols Monohydric	mg/kg	---	---	---	---	<0.3	---	---	<0.3	---	<0.3
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	<0.02
Styrene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH29	B-BH29	B-BH29	B-BH29	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-21837	23-21837	23-21837	23-21837	23-16282	23-16282	23-16282	23-16282	23-16282	23-16282
Date		05 Sep 2023	05 Sep 2023	05 Sep 2023	05 Sep 2023	04 Jul 2023	04 Jul 2023	04 Jul 2023	04 Jul 2023	04 Jul 2023	04 Jul 2023
Depth		0.3	0.5	2.3	3.7	0.3	0.3	1	2.9	2.9	3.45
	Unit										
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	---	---	---	---	---	---	---	---	<0.02
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
Trihalomethanes	mg/kg	---	---	---	---	---	---	---	---	---	<0.04
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
tert-Amyl methyl ether	mg/kg	---	<0.005	---	<0.005	<0.005	---	---	---	---	<0.005
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	---	<0.01
Trichlorobenzene (total)	mg/kg	---	---	---	---	---	---	---	---	---	<0.02
SVOC											
1,4-dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Benzyl alcohol	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
1,2-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
1,3-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
2,4,6-trichlorophenol	mg/kg	---	<0.01	---	<0.01	---	---	---	---	---	<0.01
2,4-dichlorophenol	mg/kg	---	<0.01	---	<0.01	---	---	---	---	---	<0.01
2,4-dimethylphenol	mg/kg	---	0.02	---	0.02	---	---	---	---	---	0.02
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
2,6-dichlorophenol	mg/kg	---	<0.01	---	<0.01	---	---	---	---	---	<0.01
2,6-Dimethylphenol	mg/kg	---	<0.01	---	<0.01	---	---	---	---	---	<0.01



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH29	B-BH29	B-BH29	B-BH29	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-21837	23-21837	23-21837	23-21837	23-16282	23-16282	23-16282	23-16282	23-16282	23-16282
Date		05 Sep 2023	05 Sep 2023	05 Sep 2023	05 Sep 2023	04 Jul 2023	04 Jul 2023	04 Jul 2023	04 Jul 2023	04 Jul 2023	04 Jul 2023
Depth		0.3	0.5	2.3	3.7	0.3	0.3	1	2.9	2.9	3.45
	Unit										
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	0.2
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
4-chloro-3-methylphenol	mg/kg	---	<0.01	---	<0.01	---	---	---	---	---	<0.01
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
4-methylphenol	mg/kg	---	0.02	---	0.02	---	---	---	---	---	0.01
Aniline	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Azobenzene	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Carbazole	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Diphenylamine	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	<0.1
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	---	<0.12	0.31	<0.12	0.37	---	---	<0.12	---	0.63
Pesticides											
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH29	B-BH29	B-BH29	B-BH29	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-21837	23-21837	23-21837	23-21837	23-16282	23-16282	23-16282	23-16282	23-16282	23-16282
Date		05 Sep 2023	05 Sep 2023	05 Sep 2023	05 Sep 2023	04 Jul 2023	04 Jul 2023	04 Jul 2023	04 Jul 2023	04 Jul 2023	04 Jul 2023
Depth		0.3	0.5	2.3	3.7	0.3	0.3	1	2.9	2.9	3.45
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	---	8.1	11.4	12	10.9	---	---	10.6	---	11.1



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		B-BH30	B-BH31	B-BH31	B-TP2	B-TP2	B-TP2	B-TP2	B-TP2	B-TP3	B-TP3
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-16282	23-19613	23-19613	23-26183	23-26183	23-26183	23-26183	23-26183	23-26407	23-26407
		04 Jul 2023	08 Aug 2023	08 Aug 2023	31 Oct 2023	31 Oct 2023	31 Oct 2023	31 Oct 2023	31 Oct 2023	07 Nov 2023	07 Nov 2023
		3.45	0.5	2.4	0.3	0.5	1	2	0.3	0.6	1.1
Metals											
Aluminium	mg/kg	---	55,000	---	21,000	---	18,000	---	28,000	---	40,000
Antimony	mg/kg	---	<1	---	8.2	---	7.9	---	4.8	---	2.7
Arsenic	mg/kg	---	5.8	---	30	---	3.3	---	29	---	140
Barium	mg/kg	---	340	---	250	---	150	---	620	---	240
Beryllium	mg/kg	---	7	---	2.5	---	1.7	---	3.1	---	6
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron (filtered)	mg/kg	---	3.8	---	7.7	---	2.1	---	2.1	---	2.7
Cadmium	mg/kg	---	0.1	---	2.8	---	0.2	---	0.8	---	3.1
Calcium	mg/kg	---	140,000	---	110,000	---	130,000	---	120,000	---	110,000
Chromium (hexavalent)	mg/kg	---	<1	---	<1	---	<1	---	<1	---	<1
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	---	23	---	290	---	550	---	210	---	53
Chromium (Trivalent)	mg/kg	---	23	---	290	---	550	---	210	---	53
Copper	mg/kg	---	20	---	120	---	23	---	130	---	33
Iron	mg/kg	---	7,700	---	81,000	---	45,000	---	84,000	---	61,000
Lead	mg/kg	---	14	---	170	---	17	---	91	---	160
Magnesium	mg/kg	---	25,000	---	19,000	---	21,000	---	20,000	---	16,000
Manganese	mg/kg	---	3,400	---	37,000	---	12,000	---	7,200	---	4,700
Mercury	mg/kg	---	<0.05	---	0.72	---	<0.05	---	0.06	---	<0.05
Molybdenum	mg/kg	---	<0.4	---	7.4	---	4	---	3.1	---	5.3
Nickel	mg/kg	---	2.5	---	41	---	6.7	---	19	---	34
Potassium	mg/kg	---	3,400	---	1,400	---	1,000	---	1,800	---	3,400
Selenium	mg/kg	---	2.9	---	18	---	5.2	---	3.2	---	2.8
Silicon	mg/kg	---	57,000	---	---	---	---	---	---	---	---
Sodium	mg/kg	---	1,400	---	690	---	590	---	880	---	1,000
Tin	mg/kg	---	<1	---	16	---	2.2	---	16	---	2.9
Titanium	mg/kg	---	920	---	960	---	970	---	1,200	---	690
Vanadium	mg/kg	---	84	---	440	---	1,100	---	500	---	170
Zinc	mg/kg	---	36	---	530	---	62	---	280	---	1,200
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	---	<0.5	---	0.55	---	0.56	---	2	---	2.4
Nitrite (as N)	mg/kg	---	<0.5	---	<0.5	---	<0.5	---	<0.5	---	<0.5
Chloride	mg/kg	---	16.9	---	56.3	---	83	---	25.5	---	20.4
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	---	0.1	---	1.5	---	0.2	---	0.2	---	0.2
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	---	<0.2	---	1.4	---	0.2	---	<0.2	---	<0.2
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	5.5	---	22	---	32	---	15	---	7.4
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	17	---	<1	---	1.2	---	<1	---	<1
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	16,000	---	7,900	---	9,500	---	4,500	---	42,000
Sulphate (2:1 Water Soluble) as SO4	mg/L	---	1,900	---	300	---	83	---	290	---	1,600
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	---	---	---	---	---	---	---	---	---
Sulphur as S	%	<0.000075	0.65	---	0.14	---	0.18	---	0.28	---	1.3
Sulphur (free)	mg/kg	---	30	---	<0.75	---	<0.75	---	3.9	---	1.8
Sulphide	mg/kg	---	44	---	24	---	32	---	20	---	2,400
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	0.9	---	1.3	---	1.8	---	0.9	---	0.9
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	<0.20	---	<0.20	---	<0.20	---	<0.20	---	<0.20
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1
Fluoride	mg/kg	---	7.3	---	9.9	---	21	---	14	---	17
Other											
Organic Matter	%	---	0.8	---	1.9	---	0.5	---	1.6	---	0.8
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	---	6.4	---	12	---	8.3	---	8.5	---	11
TPH CWG											
>C5-C6 Aliphatics	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	<0.01
>C6-C8 Aliphatics	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	<0.01
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH30	B-BH31	B-BH31	B-TP2	B-TP2	B-TP2	B-TP2	B-TP2	B-TP3	B-TP3
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-16282	23-19613	23-19613	23-26183	23-26183	23-26183	23-26183	23-26407	23-26407	23-26407
Date		04 Jul 2023	08 Aug 2023	08 Aug 2023	31 Oct 2023	31 Oct 2023	31 Oct 2023	31 Oct 2023	07 Nov 2023	07 Nov 2023	07 Nov 2023
Depth		3.45	0.5	2.4	0.3	0.5	1	2	0.3	0.6	1.1
	Unit										
>C8-C10 Aliphatics	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	<0.01
>C10-C44 Aliphatics	mg/kg	---	<10	---	---	---	<10	---	---	---	<10
>C10-C12 Aliphatics	mg/kg	---	<1.5	---	---	---	<1.5	---	---	---	<1.5
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	<1.2	---	---	---	<1.2	---	---	---	<1.2
>C16-C21 Aliphatics	mg/kg	---	<1.5	---	---	---	<1.5	---	---	---	<1.5
>C16-C35 Aliphatics	mg/kg	---	<4.9	---	---	---	<4.9	---	---	---	<4.9
>C21-C35 Aliphatics	mg/kg	---	<3.4	---	---	---	<3.4	---	---	---	<3.4
>C35-C44 Aliphatics	mg/kg	---	<3.4	---	---	---	<3.4	---	---	---	<3.4
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	<0.01
>EC7-EC8 Aromatics	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	<0.01
>EC10-EC44 Aromatics	mg/kg	---	<10	---	---	---	<10	---	---	---	<10
>EC8-EC10 Aromatics	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	<0.01
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	<0.9	---	---	---	<0.9	---	---	---	<0.9
>EC12-EC16 Aromatics	mg/kg	---	<0.5	---	---	---	<0.5	---	---	---	<0.5
>EC16-EC21 Aromatics	mg/kg	---	<0.6	---	---	---	<0.6	---	---	---	<0.6
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	<1.4	---	---	---	<1.4	---	---	---	<1.4
>EC35-EC44 Aromatics	mg/kg	---	<1.4	---	---	---	<1.4	---	---	---	<1.4
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	<10	---	---	---	<10	---	---	---	<10
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	<10	---	---	---	<10	---	---	---	<10
TPH											
EPH >C10-40	mg/kg	---	<10	---	<10	---	92	---	61	---	<10
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	---	<0.002	---	---	---	<0.002	---	---	---	<0.002
Toluene	mg/kg	---	<0.005	---	---	---	<0.005	---	---	---	<0.005
Ethylbenzene	mg/kg	---	<0.002	---	---	---	<0.002	---	---	---	<0.002
Xylene (m & p)	mg/kg	---	<0.002	---	---	---	<0.002	---	---	---	<0.002
Xylene (o)	mg/kg	---	<0.002	---	---	---	<0.002	---	---	---	<0.002
Xylene Total	mg/kg	---	<0.004	---	---	---	<0.004	---	---	---	<0.004
MTBE	mg/kg	---	<0.005	---	---	---	<0.005	---	---	---	<0.005
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Coronene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	---	<0.03	---	0.14	---	<0.03	---	0.04	---	<0.03
Acenaphthene	mg/kg	---	<0.03	---	0.1	---	<0.03	---	<0.03	---	<0.03
Acenaphthylene	mg/kg	---	<0.03	---	0.16	---	<0.03	---	<0.03	---	<0.03
Fluoranthene	mg/kg	---	0.11	---	3.3	---	0.13	---	0.39	---	0.11
Anthracene	mg/kg	---	<0.03	---	0.4	---	<0.03	---	0.05	---	<0.03
Phenanthrene	mg/kg	---	0.06	---	1.2	---	0.06	---	0.28	---	0.05
Fluorene	mg/kg	---	<0.03	---	0.11	---	<0.03	---	<0.03	---	<0.03
Chrysene	mg/kg	---	0.07	---	1.5	---	0.07	---	0.18	---	0.07
Pyrene	mg/kg	---	0.09	---	3.3	---	0.12	---	0.3	---	0.09
Benzo(a)anthracene	mg/kg	---	0.05	---	1.7	---	0.04	---	0.17	---	0.07
Benzo(b)fluoranthene	mg/kg	---	0.06	---	2.3	---	0.06	---	0.16	---	0.06
Benzo(k)fluoranthene	mg/kg	---	<0.03	---	0.76	---	0.03	---	0.08	---	0.04
Benzo(b+k)fluoranthene	mg/kg	---	0.09	---	3.06	---	0.09	---	0.24	---	0.1
Benzo(a)pyrene	mg/kg	---	0.04	---	1.4	---	0.04	---	0.07	---	<0.03
Dibenz(a,h)anthracene	mg/kg	---	0.03	---	0.23	---	<0.03	---	<0.03	---	<0.03
Benzo(g,h,i)perylene	mg/kg	---	0.03	---	1.1	---	0.03	---	0.07	---	<0.03
Indeno(1,2,3-c,d)pyrene	mg/kg	---	0.04	---	0.86	---	<0.03	---	0.07	---	0.03
PAH 16 Total	mg/kg	---	0.56	---	18	---	0.55	---	1.9	---	0.49
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	mg/kg	---	<0.3	---	<0.3	---	<0.3	---	<0.3	---	<0.3
3/4-Methylphenol (m/p-cresol)	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
Xylenols	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	<0.01	---	---	---	<0.1	---	---	---	---
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	<0.02	---	---	---	<0.02	---	---	---	---
Styrene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH30	B-BH31	B-BH31	B-TP2	B-TP2	B-TP2	B-TP2	B-TP2	B-TP3	B-TP3
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-16282	23-19613	23-19613	23-26183	23-26183	23-26183	23-26183	23-26407	23-26407	23-26407
Date		04 Jul 2023	08 Aug 2023	08 Aug 2023	31 Oct 2023	31 Oct 2023	31 Oct 2023	31 Oct 2023	07 Nov 2023	07 Nov 2023	07 Nov 2023
Depth		3.45	0.5	2.4	0.3	0.5	1	2	0.3	0.6	1.1
	Unit										
1,1,1,2-tetrachloroethane	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
1,1-dichloroethane	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
1,1-dichloroethene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
1,1-dichloropropene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
1,2-dibromoethane	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
1,2-dichloroethane	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	<0.02	---	---	---	<0.02	---	---	---	---
1,2-dichloropropane	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
1,3-dichloropropane	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
2,2-dichloropropane	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
Trihalomethanes	mg/kg	---	<0.04	---	---	---	<0.04	---	---	---	---
2-chlorotoluene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
4-chlorotoluene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
Bromobenzene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
Bromochloromethane	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
Bromodichloromethane	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
Bromoform	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
Chlorodibromomethane	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
Dibromomethane	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
n-butylbenzene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
n-propylbenzene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
p-isopropyltoluene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
sec-butylbenzene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
Trichloroethene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
tert-butylbenzene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
Tetrachloroethene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
tert-Amyl methyl ether	mg/kg	---	<0.005	---	---	---	<0.005	---	---	---	<0.005
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
Chlorobenzene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
Hexachlorobutadiene	mg/kg	---	<0.01	---	---	---	<0.01	---	---	---	---
Trichlorobenzene (total)	mg/kg	---	<0.02	---	---	---	<0.02	---	---	---	---
SVOC											
1,4-dinitrobenzene	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
Benzyl alcohol	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
4-nitroaniline	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
4-nitrophenol	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
1,2-Dinitrobenzene	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
1,3-Dinitrobenzene	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	<0.01	---	---	---	<0.1	---	---	---	---
2,4-dichlorophenol	mg/kg	---	<0.01	---	---	---	<0.1	---	---	---	---
2,4-dimethylphenol	mg/kg	---	<0.01	---	---	---	<0.1	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
2,6-dichlorophenol	mg/kg	---	<0.01	---	---	---	---	---	---	---	---
2,6-Dimethylphenol	mg/kg	---	<0.01	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH30	B-BH31	B-BH31	B-TP2	B-TP2	B-TP2	B-TP2	B-TP2	B-TP3	B-TP3
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-16282	23-19613	23-19613	23-26183	23-26183	23-26183	23-26183	23-26407	23-26407	23-26407
Date		04 Jul 2023	08 Aug 2023	08 Aug 2023	31 Oct 2023	31 Oct 2023	31 Oct 2023	31 Oct 2023	07 Nov 2023	07 Nov 2023	07 Nov 2023
Depth		3.45	0.5	2.4	0.3	0.5	1	2	0.3	0.6	1.1
	Unit										
2,6-dinitrotoluene	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
2-chloronaphthalene	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
2-chlorophenol	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
2-methylnaphthalene	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
2-methylphenol	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
2-nitroaniline	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	<0.01	---	---	---	<0.1	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
4-methylphenol	mg/kg	---	<0.01	---	---	---	---	---	---	---	---
Aniline	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
Azobenzene	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
Carbazole	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
Dibenzofuran	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
Diethylphthalate	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
Dimethyl phthalate	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
Diphenylamine	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
Hexachlorobenzene	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	<0.1	---	---	---	<0.1	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	<0.035	---	---	---	<0.1	---	---	---	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	---	0.16	---	5.02	---	0.15	---	0.38	---	0.16
Pesticides											
Heptachlor epoxide	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	<0.035	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH30	B-BH31	B-BH31	B-TP2	B-TP2	B-TP2	B-TP2	B-TP2	B-TP3	B-TP3
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-16282	23-19613	23-19613	23-26183	23-26183	23-26183	23-26183	23-26407	23-26407	23-26407
Date		04 Jul 2023	08 Aug 2023	08 Aug 2023	31 Oct 2023	31 Oct 2023	31 Oct 2023	31 Oct 2023	07 Nov 2023	07 Nov 2023	07 Nov 2023
Depth		3.45	0.5	2.4	0.3	0.5	1	2	0.3	0.6	1.1
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
Hedonal	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	<0.2	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	<0.3	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
DDT	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	---	10.8	---	10.9	---	11.7	---	11	---	9



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		B-TP3	B-TP4	B-TP4	B-TP4	B-TP4	B-TP4	B-TP5	B-TP5	B-TP5	B-TP5
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-26407	23-26186	23-26186	23-26186	23-26186	23-26186	23-26257	23-26257	23-26257	23-26257
		07 Nov 2023	02 Nov 2023	02 Nov 2023	02 Nov 2023	03 Nov 2023	03 Nov 2023	02 Nov 2023	02 Nov 2023	02 Nov 2023	02 Nov 2023
		3.06	0.3	0.5	1	2	4	0.3	0.6	1	3.05
Metals											
Aluminium	mg/kg	57,000	---	6,800	---	7,600	9,800	---	---	9,300	7,700
Antimony	mg/kg	1	---	13	---	17	17	---	---	13	14
Arsenic	mg/kg	19	---	3.2	---	2.5	1.5	---	---	5.5	4.4
Barium	mg/kg	530	---	250	---	800	920	---	---	360	440
Beryllium	mg/kg	5.8	---	0.4	---	0.2	0.8	---	---	0.9	0.3
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron (filtered)	mg/kg	3	---	2.3	---	1.9	3	---	---	2.7	2.8
Cadmium	mg/kg	0.8	---	1	---	0.5	0.3	---	---	0.9	0.6
Calcium	mg/kg	160,000	---	120,000	---	180,000	200,000	---	---	130,000	140,000
Chromium (hexavalent)	mg/kg	<1	---	<1	---	<1	<1	---	---	<1	<1
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	43	---	810	---	1,100	1,200	---	---	760	920
Chromium (Trivalent)	mg/kg	43	---	810	---	1,100	1,200	---	---	760	920
Copper	mg/kg	22	---	49	---	110	37	---	---	80	63
Iron	mg/kg	20,000	---	110,000	---	97,000	72,000	---	---	74,000	90,000
Lead	mg/kg	31	---	78	---	43	17	---	---	140	100
Magnesium	mg/kg	24,000	---	24,000	---	29,000	29,000	---	---	22,000	23,000
Manganese	mg/kg	2,800	---	17,000	---	22,000	27,000	---	---	14,000	18,000
Mercury	mg/kg	<0.05	---	0.08	---	<0.05	<0.05	---	---	0.06	<0.05
Molybdenum	mg/kg	0.9	---	3.9	---	5.3	5.6	---	---	4.3	4.3
Nickel	mg/kg	8.5	---	15	---	13	5.5	---	---	21	15
Potassium	mg/kg	4,900	---	360	---	360	570	---	---	500	520
Selenium	mg/kg	3	---	7	---	9.6	12	---	---	6.5	7.9
Silicon	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium	mg/kg	2,300	---	430	---	310	430	---	---	330	410
Tin	mg/kg	1.4	---	6.4	---	13	4.5	---	---	12	10
Titanium	mg/kg	1,200	---	1,500	---	1,200	1,100	---	---	880	830
Vanadium	mg/kg	120	---	1,600	---	1,900	2,000	---	---	1,300	1,700
Zinc	mg/kg	100	---	240	---	110	46	---	---	340	170
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	0.84	---	0.5	---	<0.5	<0.5	---	---	<0.5	0.7
Nitrite (as N)	mg/kg	<0.5	---	3.2	---	5.7	1.3	---	---	2	<0.5
Chloride	mg/kg	16.9	---	80.2	---	109	95.7	---	---	81.8	104
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	<0.1	---	<0.1	---	<0.1	<0.1	---	---	<0.1	<0.1
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	0.5	---	0.6	---	0.3	0.1	---	---	2.3	0.9
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	0.5	---	0.6	---	0.3	<0.2	---	---	2.3	0.9
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	9.5	---	29	---	39	35	---	---	25	14
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	<1	---	3.1	---	5.2	2.6	---	---	1.6	<1
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	16,000	---	4,100	---	3,100	1,900	---	---	5,300	2,900
Sulphate (2:1 Water Soluble) as SO4	mg/L	1,400	---	19	---	11	11	---	---	59	16
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	---	---	---	---	---	---	---	---	---
Sulphur as S	%	0.68	---	0.09	---	0.1	0.08	---	---	0.17	0.11
Sulphur (free)	mg/kg	<0.75	---	<0.75	---	29	0.8	---	---	<0.75	<0.75
Sulphide	mg/kg	3,400	---	300	---	12	820	---	---	<10	230
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	4.7	---	3.1	---	1.1	6.1	---	---	9.4	9
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	<0.20	---	<0.20	---	<0.20	<0.20	---	---	<0.20	<0.20
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	<0.1	---	<0.1	---	<0.1	<0.1	---	---	<0.1	<0.1
Fluoride	mg/kg	8.4	---	8.1	---	8.2	34	---	---	6	4.1
Other											
Organic Matter	%	1.8	---	1.7	---	0.2	0.5	---	---	0.9	0.8
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	9.8	---	8.6	---	6.5	4.9	---	---	8.8	7
TPH CWG											
>C5-C6 Aliphatics	mg/kg	---	---	<0.01	---	<0.01	---	---	---	---	<0.01
>C6-C8 Aliphatics	mg/kg	---	---	<0.01	---	<0.01	---	---	---	---	<0.01
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP3	B-TP4	B-TP4	B-TP4	B-TP4	B-TP4	B-TP5	B-TP5	B-TP5	B-TP5
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-26407	23-26186	23-26186	23-26186	23-26186	23-26186	23-26257	23-26257	23-26257	23-26257
Date		07 Nov 2023	02 Nov 2023	02 Nov 2023	02 Nov 2023	03 Nov 2023	03 Nov 2023	02 Nov 2023	02 Nov 2023	02 Nov 2023	02 Nov 2023
Depth		3.06	0.3	0.5	1	2	4	0.3	0.6	1	3.05
	Unit										
>C8-C10 Aliphatics	mg/kg	---	---	<0.01	---	<0.01	---	---	---	---	<0.01
>C10-C44 Aliphatics	mg/kg	---	---	62	---	100	---	---	---	---	<10
>C10-C12 Aliphatics	mg/kg	---	---	<1.5	---	<1.5	---	---	---	---	<1.5
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	---	<1.2	---	<1.2	---	---	---	---	<1.2
>C16-C21 Aliphatics	mg/kg	---	---	4.2	---	16	---	---	---	---	<1.5
>C16-C35 Aliphatics	mg/kg	---	---	39.2	---	76	---	---	---	---	<4.9
>C21-C35 Aliphatics	mg/kg	---	---	35	---	60	---	---	---	---	<3.4
>C35-C44 Aliphatics	mg/kg	---	---	22	---	29	---	---	---	---	<3.4
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	---	<0.01	---	<0.01	---	---	---	---	<0.01
>EC7-EC8 Aromatics	mg/kg	---	---	<0.01	---	<0.01	---	---	---	---	<0.01
>EC10-EC44 Aromatics	mg/kg	---	---	71	---	54	---	---	---	---	<10
>EC8-EC10 Aromatics	mg/kg	---	---	<0.01	---	<0.01	---	---	---	---	<0.01
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	---	<0.9	---	<0.9	---	---	---	---	<0.9
>EC12-EC16 Aromatics	mg/kg	---	---	0.6	---	<0.5	---	---	---	---	<0.5
>EC16-EC21 Aromatics	mg/kg	---	---	7	---	5.3	---	---	---	---	<0.6
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	---	38	---	30	---	---	---	---	<1.4
>EC35-EC44 Aromatics	mg/kg	---	---	25	---	19	---	---	---	---	<1.4
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	---	130	---	160	---	---	---	---	<10
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	131.8	---	159.3	---	---	---	---	<10
TPH											
EPH >C10-40	mg/kg	<10	---	690	---	<10	<10	---	---	230	<10
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	<0.1	---	<0.1	---	<0.1	<0.1	---	---	<0.1	<0.1
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	---	---	<0.002	---	<0.002	---	---	---	---	<0.002
Toluene	mg/kg	---	---	<0.005	---	<0.005	---	---	---	---	<0.005
Ethylbenzene	mg/kg	---	---	<0.002	---	<0.002	---	---	---	---	<0.002
Xylene (m & p)	mg/kg	---	---	<0.002	---	<0.002	---	---	---	---	<0.002
Xylene (o)	mg/kg	---	---	<0.002	---	<0.002	---	---	---	---	<0.002
Xylene Total	mg/kg	---	---	<0.004	---	<0.004	---	---	---	---	<0.004
MTBE	mg/kg	---	---	<0.005	---	<0.005	---	---	---	---	<0.005
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Coronene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	0.07	---	<0.03	---	<0.03	<0.03	---	---	0.05	<0.03
Acenaphthene	mg/kg	<0.03	---	<0.03	---	<0.03	<0.03	---	---	<0.03	<0.03
Acenaphthylene	mg/kg	0.03	---	0.11	---	<0.03	<0.03	---	---	<0.03	<0.03
Fluoranthene	mg/kg	0.37	---	1.7	---	0.4	0.07	---	---	0.51	0.46
Anthracene	mg/kg	0.05	---	0.24	---	0.05	<0.03	---	---	0.04	<0.03
Phenanthrene	mg/kg	0.33	---	0.97	---	0.19	0.03	---	---	0.24	0.21
Fluorene	mg/kg	0.04	---	<0.03	---	<0.03	<0.03	---	---	<0.03	<0.03
Chrysene	mg/kg	0.15	---	0.67	---	0.21	0.04	---	---	0.12	0.12
Pyrene	mg/kg	0.33	---	1.3	---	0.35	0.06	---	---	0.39	0.36
Benzo(a)anthracene	mg/kg	0.14	---	0.77	---	0.19	<0.03	---	---	0.13	0.13
Benzo(b)fluoranthene	mg/kg	0.13	---	0.83	---	0.33	0.06	---	---	0.18	0.18
Benzo(k)fluoranthene	mg/kg	0.06	---	0.32	---	0.11	<0.03	---	---	0.07	0.07
Benzo(b+k)fluoranthene	mg/kg	0.19	---	1.15	---	0.44	0.09	---	---	0.25	0.25
Benzo(a)pyrene	mg/kg	0.06	---	0.57	---	0.19	<0.03	---	---	0.08	0.1
Dibenz(a,h)anthracene	mg/kg	<0.03	---	0.1	---	0.03	<0.03	---	---	<0.03	<0.03
Benzo(g,h,i)perylene	mg/kg	0.05	---	0.35	---	0.16	0.03	---	---	0.07	0.09
Indeno(1,2,3-c,d)pyrene	mg/kg	0.05	---	0.31	---	0.13	0.03	---	---	0.06	0.06
PAH 16 Total	mg/kg	1.9	---	8.3	---	2.3	0.27	---	---	1.9	1.8
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	mg/kg	<0.3	---	<0.3	---	<0.3	<0.3	---	---	<0.3	<0.3
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---	---
Xylenols	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	---	---	---	<0.01	---	---	---	---	0.01
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP3	B-TP4	B-TP4	B-TP4	B-TP4	B-TP4	B-TP5	B-TP5	B-TP5	B-TP5
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-26407	23-26186	23-26186	23-26186	23-26186	23-26186	23-26257	23-26257	23-26257	23-26257
Date		07 Nov 2023	02 Nov 2023	02 Nov 2023	02 Nov 2023	03 Nov 2023	03 Nov 2023	02 Nov 2023	02 Nov 2023	02 Nov 2023	02 Nov 2023
Depth		3.06	0.3	0.5	1	2	4	0.3	0.6	1	3.05
	Unit										
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
Trihalomethanes	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	---	---
tert-Amyl methyl ether	mg/kg	---	---	<0.005	---	<0.005	---	---	---	---	<0.005
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichlorobenzene (total)	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC											
1,4-dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzyl alcohol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	<0.01	---	---	---	---	0.02
2,4-dichlorophenol	mg/kg	---	---	---	---	<0.01	---	---	---	---	<0.01
2,4-dimethylphenol	mg/kg	---	---	---	---	<0.01	---	---	---	---	<0.01
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,6-dichlorophenol	mg/kg	---	---	---	---	<0.01	---	---	---	---	<0.01
2,6-Dimethylphenol	mg/kg	---	---	---	---	<0.01	---	---	---	---	<0.01



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP3	B-TP4	B-TP4	B-TP4	B-TP4	B-TP4	B-TP5	B-TP5	B-TP5	B-TP5
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-26407	23-26186	23-26186	23-26186	23-26186	23-26186	23-26257	23-26257	23-26257	23-26257
Date		07 Nov 2023	02 Nov 2023	02 Nov 2023	02 Nov 2023	03 Nov 2023	03 Nov 2023	02 Nov 2023	02 Nov 2023	02 Nov 2023	02 Nov 2023
Depth		3.06	0.3	0.5	1	2	4	0.3	0.6	1	3.05
	Unit										
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	<0.01	---	---	---	---	<0.01
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	<0.01	---	---	---	---	<0.01
Aniline	mg/kg	---	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Diphenylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	0.29	---	1.81	---	0.73	0.15	---	---	0.38	0.4
Pesticides											
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP3	B-TP4	B-TP4	B-TP4	B-TP4	B-TP4	B-TP5	B-TP5	B-TP5	B-TP5
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-26407	23-26186	23-26186	23-26186	23-26186	23-26186	23-26257	23-26257	23-26257	23-26257
Date		07 Nov 2023	02 Nov 2023	02 Nov 2023	02 Nov 2023	03 Nov 2023	03 Nov 2023	02 Nov 2023	02 Nov 2023	02 Nov 2023	02 Nov 2023
Depth		3.06	0.3	0.5	1	2	4	0.3	0.6	1	3.05
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	10.7	---	11.8	---	12.3	12.2	---	---	11.5	11.9



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		B-TP5	B-TP6	B-TP6	B-TP6	B-TP6	B-TP7	B-TP7	B-TP7	B-TP7	B-TP8
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-26257	23-26374	23-26374	23-26374	23-26374	23-20261	23-20261	23-20261	23-20261	23-20261
		02 Nov 2023	06 Nov 2023	06 Nov 2023	06 Nov 2023	06 Nov 2023	18 Aug 2023	18 Aug 2023	18 Aug 2023	18 Aug 2023	17 Aug 2023
Depth	Unit	4	0.35	0.6	2	4.1	0.3	0.5	2	4.5	0.3
Metals											
Aluminium	mg/kg	8,900	---	44,000	37,000	40,000	---	7,900	7,000	5,000	8,100
Antimony	mg/kg	16	---	4.8	7.7	4.5	---	13	13	8	9.5
Arsenic	mg/kg	4.1	---	11	11	10	---	4.4	4.6	3.2	17
Barium	mg/kg	280	---	740	810	970	---	470	800	560	620
Beryllium	mg/kg	0.4	---	5	2.9	3.5	---	0.7	0.7	0.5	0.9
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron (filtered)	mg/kg	2.7	---	3.8	1.9	4	---	2.6	3	2.5	2.1
Cadmium	mg/kg	0.8	---	0.3	0.8	0.3	---	0.7	0.6	0.3	0.9
Calcium	mg/kg	160,000	---	180,000	180,000	200,000	---	21,000	21,000	19,000	22,000
Chromium (hexavalent)	mg/kg	<1	---	<1	<1	<1	---	<1	<1	<1	<1
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	990	---	330	500	260	---	1,200	1,300	800	850
Chromium (Trivalent)	mg/kg	990	---	330	500	260	---	1,200	1,300	800	850
Copper	mg/kg	110	---	20	58	48	---	56	46	33	45
Iron	mg/kg	100,000	---	40,000	46,000	54,000	---	13,000	12,000	7,700	9,300
Lead	mg/kg	97	---	20	95	35	---	49	51	27	62
Magnesium	mg/kg	42,000	---	29,000	28,000	31,000	---	3,600	3,800	2,500	2,800
Manganese	mg/kg	21,000	---	10,000	11,000	15,000	---	2,300	2,700	1,600	2,300
Mercury	mg/kg	<0.05	---	<0.05	0.17	<0.05	---	<0.05	<0.05	0.07	0.1
Molybdenum	mg/kg	4.5	---	2.3	3	2.2	---	5.4	7.3	4.5	4.9
Nickel	mg/kg	36	---	7	9	18	---	15	12	7.9	12
Potassium	mg/kg	370	---	2,400	2,900	2,600	---	280	270	190	290
Selenium	mg/kg	8.5	---	5.4	5.4	6.4	---	9.6	11	7.4	11
Silicon	mg/kg	---	---	---	---	---	---	38,000	---	---	43,000
Sodium	mg/kg	340	---	1,100	1,400	1,700	---	350	290	230	470
Tin	mg/kg	13	---	2.6	8.9	5.6	---	12	11	7.2	9
Titanium	mg/kg	910	---	1,400	1,400	2,100	---	1,200	1,000	760	770
Vanadium	mg/kg	2,200	---	760	1,200	900	---	230	240	180	230
Zinc	mg/kg	210	---	70	170	98	---	140	130	73	170
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	<0.5	---	1.1	0.74	0.99	---	0.51	<0.5	0.85	<0.5
Nitrite (as N)	mg/kg	<0.5	---	<0.5	<0.5	<0.5	---	<0.5	<0.5	0.76	<0.5
Chloride	mg/kg	110	---	18.7	17.9	15.1	---	414	135	117	25.1
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	<0.1	---	<0.1	<0.1	<0.1	---	<0.1	<0.1	<0.1	<0.1
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	0.6	---	0.1	0.5	0.3	---	<0.1	<0.1	1.5	1.2
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	0.6	---	<0.2	0.5	0.3	---	<0.2	<0.2	1.5	1.2
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	100	---	21	17	9	---	24	6.1	14	1.6
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	7.4	---	<1	<1	<1	---	<1	<1	1.2	9
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	6,400	---	17,000	14,000	4,600	---	3,900	2,600	6,400	2,600
Sulphate (2:1 Water Soluble) as SO4	mg/L	55	---	740	220	300	---	19	13	44	55
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	---	---	---	---	---	---	---	---	---
Sulphur as S	%	0.21	---	0.66	0.55	0.37	---	0.19	0.19	0.22	0.22
Sulphur (free)	mg/kg	1.7	---	3.4	4.1	<0.75	---	<0.75	<0.75	<0.75	<0.75
Sulphide	mg/kg	<10	---	1,300	24	1,300	---	88	230	210	120
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	8.6	---	0.7	<0.6	1.5	---	<0.6	<0.6	1.8	<0.6
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	<0.20	---	<0.20	<0.20	<0.20	---	<0.20	<0.20	<0.20	<0.20
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	<0.1	---	<0.1	<0.1	<0.1	---	<0.1	<0.1	<0.1	<0.1
Fluoride	mg/kg	4.1	---	22	19	11	---	5.5	4	6.8	19
Other											
Organic Matter	%	1	---	0.8	1	0.8	---	0.8	<0.1	0.9	1.2
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	9.9	---	9.4	9.2	9.2	---	5.1	7.2	10	5.9
TPH CWG											
>C5-C6 Aliphatics	mg/kg	<0.01	---	<0.01	0.3	---	---	<0.01	---	---	---
>C6-C8 Aliphatics	mg/kg	<0.01	---	<0.01	<0.01	---	---	<0.01	---	---	---
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP5	B-TP6	B-TP6	B-TP6	B-TP6	B-TP7	B-TP7	B-TP7	B-TP7	B-TP8
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-26257	23-26374	23-26374	23-26374	23-26374	23-20261	23-20261	23-20261	23-20261	23-20261
Date		02 Nov 2023	06 Nov 2023	06 Nov 2023	06 Nov 2023	06 Nov 2023	18 Aug 2023	18 Aug 2023	18 Aug 2023	18 Aug 2023	17 Aug 2023
Depth		4	0.35	0.6	2	4.1	0.3	0.5	2	4.5	0.3
	Unit										
>C8-C10 Aliphatics	mg/kg	<0.01	---	<0.01	<0.01	---	---	<0.01	---	---	---
>C10-C44 Aliphatics	mg/kg	160	---	<10	<10	---	---	<10	---	---	---
>C10-C12 Aliphatics	mg/kg	<1.5	---	<1.5	<1.5	---	---	<1.5	---	---	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	<1.2	---	<1.2	<1.2	---	---	<1.2	---	---	---
>C16-C21 Aliphatics	mg/kg	9.5	---	<1.5	<1.5	---	---	<1.5	---	---	---
>C16-C35 Aliphatics	mg/kg	119.5	---	<4.9	<4.9	---	---	<4.9	---	---	---
>C21-C35 Aliphatics	mg/kg	110	---	<3.4	<3.4	---	---	<3.4	---	---	---
>C35-C44 Aliphatics	mg/kg	41	---	<3.4	<3.4	---	---	<3.4	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	<0.01	---	<0.01	<0.01	---	---	<0.01	---	---	---
>EC7-EC8 Aromatics	mg/kg	<0.01	---	<0.01	<0.01	---	---	<0.01	---	---	---
>EC10-EC44 Aromatics	mg/kg	120	---	<10	<10	---	---	<10	---	---	---
>EC8-EC10 Aromatics	mg/kg	<0.01	---	<0.01	<0.01	---	---	<0.01	---	---	---
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	1.9	---	<0.9	<0.9	---	---	<0.9	---	---	---
>EC12-EC16 Aromatics	mg/kg	3.4	---	<0.5	<0.5	---	---	<0.5	---	---	---
>EC16-EC21 Aromatics	mg/kg	8.6	---	<0.6	<0.6	---	---	<0.6	---	---	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	72	---	<1.4	<1.4	---	---	<1.4	---	---	---
>EC35-EC44 Aromatics	mg/kg	39	---	<1.4	<1.4	---	---	<1.4	---	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	280	---	<10	<10	---	---	<10	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	285.4	---	<10	0.3	---	---	<10	---	---	---
TPH											
EPH >C10-40	mg/kg	280	---	<10	83	<10	---	<10	<10	63	90
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	<0.1	---	<0.1	0.3	0.2	---	<0.1	<0.1	<0.1	<0.1
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	<0.002	---	<0.002	<0.002	---	---	<0.002	---	---	---
Toluene	mg/kg	<0.005	---	<0.005	<0.005	---	---	<0.005	---	---	---
Ethylbenzene	mg/kg	<0.002	---	<0.002	<0.002	---	---	<0.002	---	---	---
Xylene (m & p)	mg/kg	<0.002	---	<0.002	<0.002	---	---	<0.002	---	---	---
Xylene (o)	mg/kg	<0.002	---	<0.002	<0.002	---	---	<0.002	---	---	---
Xylene Total	mg/kg	<0.004	---	<0.004	<0.004	---	---	<0.004	---	---	---
MTBE	mg/kg	<0.005	---	<0.005	<0.005	---	---	<0.005	---	---	---
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Coronene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	<0.03	---	<0.03	<0.03	<0.03	---	<0.03	<0.03	0.22	<0.03
Acenaphthene	mg/kg	<0.03	---	<0.03	<0.03	<0.03	---	<0.03	<0.03	0.25	<0.03
Acenaphthylene	mg/kg	<0.03	---	<0.03	<0.03	<0.03	---	<0.03	<0.03	1.2	0.04
Fluoranthene	mg/kg	0.3	---	0.12	0.24	0.06	---	0.21	0.03	6	1.7
Anthracene	mg/kg	<0.03	---	<0.03	0.03	<0.03	---	<0.03	<0.03	2.3	0.11
Phenanthrene	mg/kg	0.12	---	0.05	0.16	<0.03	---	0.22	0.04	8	0.96
Fluorene	mg/kg	<0.03	---	<0.03	<0.03	<0.03	---	<0.03	<0.03	1.5	<0.03
Chrysene	mg/kg	0.1	---	0.05	0.1	<0.03	---	0.08	<0.03	0.99	0.61
Pyrene	mg/kg	0.24	---	0.09	0.23	0.06	---	0.15	<0.03	4.8	1.3
Benzo(a)anthracene	mg/kg	0.11	---	0.06	0.12	0.03	---	0.04	<0.03	1.2	0.41
Benzo(b)fluoranthene	mg/kg	0.15	---	0.07	0.13	0.03	---	0.07	<0.03	0.85	0.55
Benzo(k)fluoranthene	mg/kg	0.06	---	<0.03	0.05	<0.03	---	0.03	<0.03	0.37	0.27
Benzo(b+k)fluoranthene	mg/kg	0.21	---	0.1	0.18	0.06	---	0.1	<0.06	1.22	0.82
Benzo(a)pyrene	mg/kg	0.07	---	0.04	0.09	<0.03	---	0.03	<0.03	0.62	0.28
Dibenz(a,h)anthracene	mg/kg	<0.03	---	<0.03	<0.03	<0.03	---	<0.03	<0.03	0.06	0.07
Benzo(g,h,i)perylene	mg/kg	0.05	---	<0.03	0.06	<0.03	---	<0.03	<0.03	0.26	0.22
Indeno(1,2,3-c,d)pyrene	mg/kg	0.04	---	<0.03	0.04	<0.03	---	<0.03	<0.03	0.24	0.21
PAH 16 Total	mg/kg	1.3	---	0.48	1.2	0.18	---	0.84	<0.1	29	6.7
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	mg/kg	<0.3	---	<0.3	<0.3	<0.3	---	<0.3	<0.3	<0.3	<0.3
3/4-Methylphenol (m/p-cresol)	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---	---
Xylenols	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	<0.1	---	<0.01	---	---	---	0.01	---	---	---
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	<0.02	---	<0.02	---	---	---	---	---	---	---
Styrene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		B-TP5	B-TP6	B-TP6	B-TP6	B-TP6	B-TP7	B-TP7	B-TP7	B-TP7
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-26257	23-26374	23-26374	23-26374	23-26374	23-20261	23-20261	23-20261	23-20261
		02 Nov 2023	06 Nov 2023	06 Nov 2023	06 Nov 2023	06 Nov 2023	18 Aug 2023	18 Aug 2023	18 Aug 2023	18 Aug 2023
		4	0.35	0.6	2	4.1	0.3	0.5	2	4.5
		0.3								
1,1,1,2-tetrachloroethane	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	<0.02	---	<0.02	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
Trihalomethanes	mg/kg	<0.04	---	<0.04	---	---	---	---	---	---
2-chlorotoluene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
4-chlorotoluene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
Bromobenzene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
Bromochloromethane	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
Bromodichloromethane	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
Bromoform	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
Dibromomethane	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
n-butylbenzene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
n-propylbenzene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
sec-butylbenzene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
Trichloroethene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
tert-butylbenzene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
Tetrachloroethene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
tert-Amyl methyl ether	mg/kg	<0.005	---	<0.005	<0.005	---	---	<0.005	---	---
VOC/SVOC										
1,2,3-trichlorobenzene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
Chlorobenzene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	<0.01	---	<0.01	---	---	---	---	---	---
Trichlorobenzene (total)	mg/kg	<0.02	---	<0.02	---	---	---	---	---	---
SVOC										
1,4-dinitrobenzene	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
Benzyl alcohol	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
4-nitroaniline	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
4-nitrophenol	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
1,2-Dinitrobenzene	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	<0.1	---	<0.01	---	---	<0.01	---	---	---
2,4-dichlorophenol	mg/kg	<0.1	---	<0.01	---	---	<0.01	---	---	---
2,4-dimethylphenol	mg/kg	<0.1	---	<0.01	---	---	<0.01	---	---	---
2,4-dinitrotoluene	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
2,6-dichlorophenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	---
2,6-Dimethylphenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		B-TP5	B-TP6	B-TP6	B-TP6	B-TP6	B-TP7	B-TP7	B-TP7	B-TP7
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-26257	23-26374	23-26374	23-26374	23-26374	23-20261	23-20261	23-20261	23-20261
		02 Nov 2023	06 Nov 2023	06 Nov 2023	06 Nov 2023	06 Nov 2023	18 Aug 2023	18 Aug 2023	18 Aug 2023	18 Aug 2023
		4	0.35	0.6	2	4.1	0.3	0.5	2	4.5
		0.3								
2,6-dinitrotoluene	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
2-chlorophenol	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
2-methylphenol	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
2-nitroaniline	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	<0.1	---	<0.01	---	---	---	<0.01	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	<0.01	---	---	---	<0.01	---	---
Aniline	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
Azobenzene	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
Carbazole	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
Dibenzofuran	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
Diethylphthalate	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
Diphenylamine	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---
PCB										
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	<0.01	<0.01	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	<0.01	<0.01	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	<0.01	<0.01	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	<0.01	<0.01	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	<0.01	<0.01	---	---	---	---	---
PCB 101	mg/kg	---	---	<0.01	<0.01	---	---	---	---	---
PCB 118	mg/kg	---	---	<0.01	<0.01	---	---	---	---	---
PCB 138	mg/kg	---	---	<0.01	<0.01	---	---	---	---	---
PCB 153	mg/kg	---	---	<0.01	<0.01	---	---	---	---	---
PCB 180	mg/kg	---	---	<0.01	<0.01	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	<0.01	<0.01	---	---	---	---	---
PCB 52	mg/kg	---	---	<0.01	<0.01	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	<0.01	<0.01	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	<0.01	<0.01	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	<0.01	<0.01	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	<0.01	<0.01	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	<0.01	<0.01	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	<0.01	<0.01	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	<0.01	<0.01	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---
PAH/Phenols										
PAHs (Sum of 4)	mg/kg	0.3	---	0.16	0.28	0.12	---	0.16	<0.12	1.72
Pesticides										
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP5	B-TP6	B-TP6	B-TP6	B-TP6	B-TP7	B-TP7	B-TP7	B-TP7	B-TP8
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-26257	23-26374	23-26374	23-26374	23-26374	23-20261	23-20261	23-20261	23-20261	23-20261
Date		02 Nov 2023	06 Nov 2023	06 Nov 2023	06 Nov 2023	06 Nov 2023	18 Aug 2023	18 Aug 2023	18 Aug 2023	18 Aug 2023	17 Aug 2023
Depth		4	0.35	0.6	2	4.1	0.3	0.5	2	4.5	0.3
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	11.5	---	11	11.2	11	---	12.4	12.3	11.9	11.7



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP8	B-TP8	B-TP9	B-TP9	B-TP9	B-TP9	B-TP10	B-TP10	B-TP10	B-TP10
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-20261	23-20261	23-20261	23-20261	23-20261	23-20261	23-20261	23-20261	23-20261	23-20261
Date		17 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023
Depth		1	4	0.3	0.5	2	4	0.3	0.5	1	3
	Unit										
Metals											
Aluminium	mg/kg	8,300	8,000	---	31,000	34,000	24,000	---	33,000	---	42,000
Antimony	mg/kg	13	11	---	3.2	1.9	6.2	---	2.8	---	<1
Arsenic	mg/kg	11	13	---	290	25	45	---	270	---	20
Barium	mg/kg	530	710	---	160	140	390	---	250	---	270
Beryllium	mg/kg	0.7	0.7	---	4.6	3.7	2.9	---	4.8	---	6.4
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron (filtered)	mg/kg	2.2	<0.2	---	<0.2	3.4	<0.2	---	2.7	---	4.8
Cadmium	mg/kg	0.9	0.9	---	0.9	0.3	0.2	---	0.4	---	1.2
Calcium	mg/kg	24,000	22,000	---	92,000	120,000	160,000	---	96,000	---	130,000
Chromium (hexavalent)	mg/kg	<1	<1	---	<1	<1	<1	---	<1	---	<1
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	1,300	840	---	75	180	520	---	73	---	53
Chromium (Trivalent)	mg/kg	1,300	840	---	75	180	520	---	73	---	53
Copper	mg/kg	63	90	---	18	14	20	---	17	---	15
Iron	mg/kg	12,000	13,000	---	73,000	23,000	79,000	---	64,000	---	22,000
Lead	mg/kg	59	83	---	200	46	24	---	130	---	82
Magnesium	mg/kg	3,200	3,200	---	13,000	19,000	27,000	---	14,000	---	19,000
Manganese	mg/kg	2,400	2,400	---	2,100	5,000	17,000	---	2,300	---	2,600
Mercury	mg/kg	0.07	2.1	---	0.05	<0.05	<0.05	---	0.06	---	<0.05
Molybdenum	mg/kg	6.4	7.7	---	11	1.3	2	---	8.7	---	0.6
Nickel	mg/kg	18	36	---	37	7.4	23	---	29	---	8.4
Potassium	mg/kg	300	340	---	2,600	2,300	1,500	---	2,700	---	2,800
Selenium	mg/kg	11	11	---	1.4	3.2	8.5	---	2	---	2.2
Silicon	mg/kg	42,000	---	---	---	58,000	---	---	54,000	---	---
Sodium	mg/kg	330	400	---	910	1,300	790	---	1,000	---	940
Tin	mg/kg	11	13	---	2.1	2.8	4	---	1.4	---	1.7
Titanium	mg/kg	1,300	980	---	460	660	1,300	---	520	---	750
Vanadium	mg/kg	220	200	---	190	330	1,700	---	220	---	150
Zinc	mg/kg	160	190	---	580	100	49	---	320	---	410
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	<0.5	<0.5	---	2.9	1	1.1	---	4.1	---	1.7
Nitrite (as N)	mg/kg	<0.5	<0.5	---	<0.5	<0.5	<0.5	---	<0.5	---	<0.5
Chloride	mg/kg	46.1	28.4	---	17	14.6	48	---	5.4	---	13.3
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	<0.1	<0.1	---	<0.1	<0.1	<0.1	---	<0.1	---	<0.1
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	1.8	1.8	---	1	0.3	0.2	---	0.2	---	0.2
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	1.8	1.8	---	1	0.3	0.2	---	0.2	---	0.2
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	10	8.8	---	2.9	7.7	<1	---	9	---	2.7
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	<1	<1	---	<1	<1	1.9	---	2	---	<1
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	2,500	1,600	---	34,000	26,000	14,000	---	16,000	---	13,000
Sulphate (2:1 Water Soluble) as SO4	mg/L	28	47	---	1,500	1,600	1,000	---	1,500	---	1,200
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	---	---	---	---	---	---	---	---	---
Sulphur as S	%	0.21	0.23	---	1.5	0.77	0.55	---	0.66	---	0.74
Sulphur (free)	mg/kg	<0.75	<0.75	---	3.9	15	3.3	---	1.8	---	2.6
Sulphide	mg/kg	28	44	---	32	88	60	---	110	---	36
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	<0.6	1	---	<0.6	<0.6	<0.6	---	<0.6	---	<0.6
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	<0.20	<0.20	---	<0.20	<0.20	<0.20	---	<0.20	---	<0.20
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	<0.1	<0.1	---	<0.1	<0.1	<0.1	---	<0.1	---	<0.1
Fluoride	mg/kg	18	16	---	12	11	9.1	---	8.3	---	7.2
Other											
Organic Matter	%	1	1	---	1.6	1.2	1	---	0.8	---	1.2
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	6.2	6.9	---	13	9	13	---	15	---	9.4
TPH CWG											
>C5-C6 Aliphatics	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
>C6-C8 Aliphatics	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP8	B-TP8	B-TP9	B-TP9	B-TP9	B-TP9	B-TP10	B-TP10	B-TP10	B-TP10
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-20261	23-20261	23-20261	23-20261	23-20261	23-20261	23-20261	23-20261	23-20261	23-20261
Date		17 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023
Depth		1	4	0.3	0.5	2	4	0.3	0.5	1	3
	Unit										
>C8-C10 Aliphatics	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
>C10-C44 Aliphatics	mg/kg	---	46	---	---	<10	---	---	<10	---	---
>C10-C12 Aliphatics	mg/kg	---	<1.5	---	---	<1.5	---	---	<1.5	---	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	<1.2	---	---	<1.2	---	---	<1.2	---	---
>C16-C21 Aliphatics	mg/kg	---	6.4	---	---	<1.5	---	---	<1.5	---	---
>C16-C35 Aliphatics	mg/kg	---	38.4	---	---	<4.9	---	---	<4.9	---	---
>C21-C35 Aliphatics	mg/kg	---	32	---	---	<3.4	---	---	<3.4	---	---
>C35-C44 Aliphatics	mg/kg	---	6.3	---	---	<3.4	---	---	<3.4	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
>EC7-EC8 Aromatics	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
>EC10-EC44 Aromatics	mg/kg	---	35	---	---	<10	---	---	<10	---	---
>EC8-EC10 Aromatics	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	<0.9	---	---	<0.9	---	---	<0.9	---	---
>EC12-EC16 Aromatics	mg/kg	---	<0.5	---	---	<0.5	---	---	<0.5	---	---
>EC16-EC21 Aromatics	mg/kg	---	10	---	---	<0.6	---	---	<0.6	---	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	25	---	---	<1.4	---	---	<1.4	---	---
>EC35-EC44 Aromatics	mg/kg	---	<1.4	---	---	<1.4	---	---	<1.4	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	81	---	---	<10	---	---	<10	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	79.7	---	---	<10	---	---	<10	---	---
TPH											
EPH >C10-40	mg/kg	100	110	---	<10	16	<10	---	<10	---	<10
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	<0.1	<0.1	---	<0.1	<0.1	<0.1	---	<0.1	---	<0.1
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	---	<0.002	---	---	<0.002	---	---	<0.002	---	---
Toluene	mg/kg	---	<0.005	---	---	<0.005	---	---	<0.005	---	---
Ethylbenzene	mg/kg	---	<0.002	---	---	<0.002	---	---	0.11	---	---
Xylene (m & p)	mg/kg	---	<0.002	---	---	<0.002	---	---	0.088	---	---
Xylene (o)	mg/kg	---	<0.002	---	---	<0.002	---	---	0.031	---	---
Xylene Total	mg/kg	---	<0.004	---	---	<0.004	---	---	0.119	---	---
MTBE	mg/kg	---	<0.005	---	---	<0.005	---	---	<0.005	---	---
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Coronene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	0.03	<0.03	---	<0.03	0.1	<0.03	---	<0.03	---	<0.03
Acenaphthene	mg/kg	<0.03	<0.03	---	<0.03	<0.03	<0.03	---	<0.03	---	<0.03
Acenaphthylene	mg/kg	0.1	0.05	---	<0.03	0.06	<0.03	---	<0.03	---	<0.03
Fluoranthene	mg/kg	3.6	2.4	---	0.03	0.56	0.08	---	<0.03	---	0.1
Anthracene	mg/kg	0.37	0.27	---	<0.03	0.09	<0.03	---	<0.03	---	<0.03
Phenanthrene	mg/kg	2.2	1.4	---	0.06	0.41	0.05	---	<0.03	---	0.05
Fluorene	mg/kg	0.1	0.05	---	<0.03	0.13	<0.03	---	<0.03	---	<0.03
Chrysene	mg/kg	1	0.74	---	<0.03	0.18	<0.03	---	<0.03	---	0.06
Pyrene	mg/kg	2.5	1.7	---	<0.03	0.39	0.06	---	<0.03	---	0.09
Benzo(a)anthracene	mg/kg	0.85	0.56	---	<0.03	0.16	<0.03	---	<0.03	---	0.04
Benzo(b)fluoranthene	mg/kg	0.93	0.65	---	<0.03	0.17	<0.03	---	<0.03	---	0.04
Benzo(k)fluoranthene	mg/kg	0.46	0.31	---	<0.03	0.07	<0.03	---	<0.03	---	<0.03
Benzo(b+k)fluoranthene	mg/kg	1.39	0.96	---	<0.06	0.24	<0.06	---	<0.06	---	0.07
Benzo(a)pyrene	mg/kg	0.56	0.4	---	<0.03	0.09	<0.03	---	<0.03	---	<0.03
Dibenz(a,h)anthracene	mg/kg	0.11	0.07	---	<0.03	<0.03	<0.03	---	<0.03	---	<0.03
Benzo(g,h,i)perylene	mg/kg	0.34	0.25	---	<0.03	0.06	<0.03	---	<0.03	---	<0.03
Indeno(1,2,3-c,d)pyrene	mg/kg	0.24	0.23	---	<0.03	0.05	<0.03	---	<0.03	---	<0.03
PAH 16 Total	mg/kg	13	9.1	---	<0.1	2.5	0.19	---	<0.1	---	0.37
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	mg/kg	<0.3	<0.3	---	<0.3	<0.3	<0.3	---	<0.3	---	<0.3
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---	---
Xylenols	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	0.02	---	---	<0.01	---	---	<0.01	---	---
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP8	B-TP8	B-TP9	B-TP9	B-TP9	B-TP9	B-TP10	B-TP10	B-TP10	B-TP10
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-20261	23-20261	23-20261	23-20261	23-20261	23-20261	23-20261	23-20261	23-20261	23-20261
Date		17 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023
Depth		1	4	0.3	0.5	2	4	0.3	0.5	1	3
	Unit										
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
Trihalomethanes	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	---	---
tert-Amyl methyl ether	mg/kg	---	<0.005	---	---	<0.005	---	---	<0.005	---	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichlorobenzene (total)	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC											
1,4-dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzyl alcohol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
2,4-dichlorophenol	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
2,4-dimethylphenol	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,6-dichlorophenol	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
2,6-Dimethylphenol	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP8	B-TP8	B-TP9	B-TP9	B-TP9	B-TP9	B-TP10	B-TP10	B-TP10	B-TP10
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-20261	23-20261	23-20261	23-20261	23-20261	23-20261	23-20261	23-20261	23-20261	23-20261
Date		17 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023
Depth		1	4	0.3	0.5	2	4	0.3	0.5	1	3
	Unit										
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
Aniline	mg/kg	---	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Diphenylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	<0.035	---	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	1.97	1.44	---	<0.12	0.35	<0.12	---	<0.12	---	0.13
Pesticides											
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	<0.035	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP8	B-TP8	B-TP9	B-TP9	B-TP9	B-TP9	B-TP10	B-TP10	B-TP10	B-TP10
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-20261	23-20261	23-20261	23-20261	23-20261	23-20261	23-20261	23-20261	23-20261	23-20261
Date		17 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023
Depth		1	4	0.3	0.5	2	4	0.3	0.5	1	3
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	<0.035	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	<0.035	---	---
Hedonal	mg/kg	---	---	---	---	---	---	---	<0.035	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	<0.035	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---	<0.035	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	<0.2	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	<0.3	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	<0.035	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	<0.035	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	<0.035	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	<0.035	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	<0.035	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
DDT	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	<0.035	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	<0.035	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	<0.035	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	<0.035	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	<0.035	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	<0.035	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	<0.035	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	11.6	11.5	---	9.7	10.8	10.8	---	9.1	---	10.4



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		B-TP12	B-TP12	B-TP12	B-TP13	B-TP13	B-TP13	B-TP13	B-TP14	B-TP14	B-TP14
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-18900	23-18900	23-18900	23-19884	23-19884	23-19884	23-19884	23-20263	23-20263	23-20263
		02 Aug 2023	02 Aug 2023	02 Aug 2023	15 Aug 2023	15 Aug 2023	15 Aug 2023	15 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023
		0.3	0.3	0.5	0.3	0.5	3	0.3	0.5	1	2
Metals											
Aluminium	mg/kg	17,000	---	---	---	27,000	38,000	---	300	---	300
Antimony	mg/kg	<1	---	---	---	3.2	1.5	---	1.2	---	<1
Arsenic	mg/kg	7.7	---	---	---	9.8	100	---	15	---	7.7
Barium	mg/kg	300	---	---	---	290	170	---	430	---	370
Beryllium	mg/kg	1.8	---	---	---	5.3	4.9	---	8.2	---	8.1
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron (filtered)	mg/kg	3.1	---	---	---	3	5.4	---	4.6	---	4.6
Cadmium	mg/kg	<0.1	---	---	---	2.9	0.7	---	0.2	---	<0.1
Calcium	mg/kg	56,000	---	---	---	82,000	110,000	---	190	---	240
Chromium (hexavalent)	mg/kg	<1	---	---	---	<1	<1	---	<1	---	<1
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	50	---	---	---	32	30	---	85	---	26
Chromium (Trivalent)	mg/kg	50	---	---	---	32	30	---	85	---	26
Copper	mg/kg	6.1	---	---	---	51	15	---	27	---	8.9
Iron	mg/kg	13,000	---	---	---	62,000	49,000	---	23,000	---	8,400
Lead	mg/kg	13	---	---	---	350	99	---	30	---	7.3
Magnesium	mg/kg	8,900	---	---	---	11,000	15,000	---	100	---	120
Manganese	mg/kg	6,400	---	---	---	2,800	1,700	---	22	---	2,800
Mercury	mg/kg	<0.05	---	---	---	0.07	<0.05	---	0.08	---	<0.05
Molybdenum	mg/kg	0.8	---	---	---	2.5	3.5	---	0.7	---	<0.4
Nickel	mg/kg	3.8	---	---	---	21	18	---	7.6	---	5.1
Potassium	mg/kg	1,300	---	---	---	2,400	2,600	---	3,700	---	2,700
Selenium	mg/kg	4.1	---	---	---	2	1.7	---	3.7	---	2.1
Silicon	mg/kg	83,000	---	---	---	48,000	---	---	59,000	---	---
Sodium	mg/kg	550	---	---	---	860	940	---	1,300	---	1,000
Tin	mg/kg	<1	---	---	---	9.3	<1	---	2.4	---	<1
Titanium	mg/kg	400	---	---	---	580	430	---	1,100	---	890
Vanadium	mg/kg	140	---	---	---	110	94	---	210	---	92
Zinc	mg/kg	99	---	---	---	1,900	410	---	95	---	40
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	1.8	---	---	---	1.8	1.7	---	2.8	---	1.8
Nitrite (as N)	mg/kg	<0.5	---	---	---	<0.5	<0.5	---	<0.5	---	<0.5
Chloride	mg/kg	28	---	---	---	33.6	20.5	---	7.8	---	3.4
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	<0.1	---	---	---	<0.1	<0.1	---	<0.1	---	<0.1
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	<0.1	---	---	---	2.2	0.1	---	0.2	---	0.1
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	<0.2	---	---	---	2.2	<0.2	---	<0.2	---	<0.2
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	22	---	---	---	13	8.5	---	11	---	3.8
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	<1	---	---	---	6.5	11	---	<1	---	<1
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	9,600	---	---	---	9,200	44,000	---	14,000	---	23,000
Sulphate (2:1 Water Soluble) as SO4	mg/L	640	---	---	---	610	1,600	---	1,300	---	1,400
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	10.9	---	---	---	---	---	---	---	---	---
Sulphur as S	%	0.27	0.00041	---	---	0.38	1.3	---	0.81	---	0.79
Sulphur (free)	mg/kg	---	---	---	---	2.4	<0.75	---	3.1	---	6.8
Sulphide	mg/kg	43	---	---	---	120	130	---	16	---	76
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	27	---	---	---	1.6	1.6	---	9.1	---	5.4
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	<0.20	---	---	---	<0.20	<0.20	---	<0.20	---	<0.20
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	<0.1	---	---	---	<0.1	<0.1	---	<0.1	---	<0.1
Fluoride	mg/kg	19	---	---	---	5.8	8.6	---	3.3	---	5.8
Other											
Organic Matter	%	4.7	---	---	---	1.4	<0.1	---	1.5	---	0.7
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	6.5	---	---	---	9.4	8.4	---	8	---	7.1
TPH CWG											
>C5-C6 Aliphatics	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
>C6-C8 Aliphatics	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP12	B-TP12	B-TP12	B-TP13	B-TP13	B-TP13	B-TP14	B-TP14	B-TP14	B-TP14
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-18900	23-18900	23-18900	23-19884	23-19884	23-19884	23-20263	23-20263	23-20263	23-20263
Date		02 Aug 2023	02 Aug 2023	02 Aug 2023	15 Aug 2023	15 Aug 2023	15 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023
Depth		0.3	0.3	0.5	0.3	0.5	3	0.3	0.5	1	2
	Unit										
>C8-C10 Aliphatics	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
>C10-C44 Aliphatics	mg/kg	<10	---	---	---	<10	---	---	<10	---	---
>C10-C12 Aliphatics	mg/kg	<1.5	---	---	---	<1.5	---	---	<1.5	---	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	<1.2	---	---	---	<1.2	---	---	<1.2	---	---
>C16-C21 Aliphatics	mg/kg	<1.5	---	---	---	<1.5	---	---	<1.5	---	---
>C16-C35 Aliphatics	mg/kg	---	---	---	---	<4.9	---	---	<4.9	---	---
>C21-C35 Aliphatics	mg/kg	<3.4	---	---	---	<3.4	---	---	<3.4	---	---
>C35-C44 Aliphatics	mg/kg	<3.4	---	---	---	<3.4	---	---	<3.4	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
>EC7-EC8 Aromatics	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
>EC10-EC44 Aromatics	mg/kg	<10	---	---	---	<10	---	---	<10	---	---
>EC8-EC10 Aromatics	mg/kg	1.4	---	---	---	<0.01	---	---	<0.01	---	---
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	<0.9	---	---	---	<0.9	---	---	<0.9	---	---
>EC12-EC16 Aromatics	mg/kg	<0.5	---	---	---	<0.5	---	---	<0.5	---	---
>EC16-EC21 Aromatics	mg/kg	<0.6	---	---	---	<0.6	---	---	<0.6	---	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	<1.4	---	---	---	<1.4	---	---	<1.4	---	---
>EC35-EC44 Aromatics	mg/kg	<1.4	---	---	---	<1.4	---	---	<1.4	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	<10	---	---	---	<10	---	---	<10	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	1.4	---	---	---	<10	---	---	<10	---	---
TPH											
EPH >C10-40	mg/kg	<10	---	---	---	<10	180	---	<10	---	<10
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	1.1	---	---	---	<0.1	<0.1	---	<0.1	---	<0.1
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	<0.002	---	---	---	<0.002	---	---	<0.002	---	---
Toluene	mg/kg	<0.005	---	---	---	<0.005	---	---	<0.005	---	---
Ethylbenzene	mg/kg	<0.002	---	---	---	<0.002	---	---	<0.002	---	---
Xylene (m & p)	mg/kg	<0.002	---	---	---	<0.002	---	---	<0.002	---	---
Xylene (o)	mg/kg	<0.002	---	---	---	<0.002	---	---	<0.002	---	---
Xylene Total	mg/kg	---	---	---	---	<0.004	---	---	<0.004	---	---
MTBE	mg/kg	<0.005	---	---	---	<0.005	---	---	<0.005	---	---
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Coronene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	0.05	---	---	---	<0.03	<0.03	---	<0.03	---	<0.03
Acenaphthene	mg/kg	<0.03	---	---	---	<0.03	<0.03	---	<0.03	---	<0.03
Acenaphthylene	mg/kg	<0.03	---	---	---	<0.03	<0.03	---	<0.03	---	<0.03
Fluoranthene	mg/kg	0.28	---	---	---	0.09	0.12	---	0.22	---	0.32
Anthracene	mg/kg	0.03	---	---	---	<0.03	<0.03	---	<0.03	---	0.04
Phenanthrene	mg/kg	0.16	---	---	---	0.06	0.07	---	0.08	---	0.15
Fluorene	mg/kg	<0.03	---	---	---	<0.03	<0.03	---	<0.03	---	<0.03
Chrysene	mg/kg	0.2	---	---	---	0.05	0.06	---	0.11	---	0.11
Pyrene	mg/kg	0.23	---	---	---	0.07	0.09	---	0.16	---	0.22
Benzo(a)anthracene	mg/kg	0.13	---	---	---	0.03	0.04	---	0.08	---	0.1
Benzo(b)fluoranthene	mg/kg	0.2	---	---	---	0.04	0.05	---	0.09	---	0.09
Benzo(k)fluoranthene	mg/kg	0.09	---	---	---	<0.03	<0.03	---	0.04	---	0.04
Benzo(b+k)fluoranthene	mg/kg	---	---	---	---	0.07	0.08	---	0.13	---	0.13
Benzo(a)pyrene	mg/kg	0.11	---	---	---	<0.03	<0.03	---	0.04	---	0.05
Dibenz(a,h)anthracene	mg/kg	<0.03	---	---	---	<0.03	<0.03	---	<0.03	---	<0.03
Benzo(g,h,i)perylene	mg/kg	0.08	---	---	---	<0.03	<0.03	---	0.04	---	0.04
Indeno(1,2,3-c,d)pyrene	mg/kg	0.08	---	---	---	<0.03	<0.03	---	0.03	---	0.03
PAH 16 Total	mg/kg	1.6	---	---	---	0.31	0.42	---	0.89	---	1.2
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	mg/kg	<0.3	---	---	---	<0.3	<0.3	---	<0.3	---	<0.3
3/4-Methylphenol (m/p-cresol)	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Xylenols	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	<0.01	---	---	---	0.01	---	---	<0.01	---	---
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP12	B-TP12	B-TP12	B-TP13	B-TP13	B-TP13	B-TP13	B-TP14	B-TP14	B-TP14
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-18900	23-18900	23-18900	23-19884	23-19884	23-19884	23-19884	23-20263	23-20263	23-20263
Date		02 Aug 2023	02 Aug 2023	02 Aug 2023	15 Aug 2023	15 Aug 2023	15 Aug 2023	15 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023
Depth		0.3	0.3	0.5	0.3	0.5	3	0.3	0.5	1	2
	Unit										
1,1,1,2-tetrachloroethane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Trihalomethanes	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
tert-Amyl methyl ether	mg/kg	<0.005	---	---	---	<0.005	---	---	<0.005	---	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	<0.01	---	---	---	---	---	---	---	---	---
Trichlorobenzene (total)	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC											
1,4-dinitrobenzene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Benzyl alcohol	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
1,2-Dinitrobenzene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
2,4-dichlorophenol	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
2,4-dimethylphenol	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
2,4-dinitrotoluene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
2,6-dichlorophenol	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
2,6-Dimethylphenol	mg/kg	---	---	---	---	<0.01	---	---	<0.01	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		B-TP12	B-TP12	B-TP12	B-TP13	B-TP13	B-TP13	B-TP13	B-TP14	B-TP14	B-TP14
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-18900	23-18900	23-18900	23-19884	23-19884	23-19884	23-19884	23-20263	23-20263	23-20263
		02 Aug 2023	02 Aug 2023	02 Aug 2023	15 Aug 2023	15 Aug 2023	15 Aug 2023	15 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023
		0.3	0.3	0.5	0.3	0.5	3	0.3	0.5	1	2
	Unit										
2,6-dinitrotoluene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	<0.01	---	---	---	<0.01	---	---	<0.01	---	---
Aniline	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Diphenylamine	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	---	---	---	---	0.13	0.14	---	0.2	---	0.2
Pesticides											
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP12	B-TP12	B-TP12	B-TP13	B-TP13	B-TP13	B-TP14	B-TP14	B-TP14	B-TP14
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-18900	23-18900	23-18900	23-19884	23-19884	23-19884	23-20263	23-20263	23-20263	23-20263
Date		02 Aug 2023	02 Aug 2023	02 Aug 2023	15 Aug 2023	15 Aug 2023	15 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023
Depth		0.3	0.3	0.5	0.3	0.5	3	0.3	0.5	1	2
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	---	---	---	---	10.1	9.2	---	11	---	10.6



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP15	B-TP15	B-TP15	B-TP15	B-TP16	B-TP16	B-TP16	B-TP16	B-TP16	B-TP17
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-19422	23-19422	23-19422	23-19422	23-18900	23-18900	23-18900	23-18900	23-18900	23-19884
Date		07 Aug 2023	07 Aug 2023	07 Aug 2023	07 Aug 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	15 Aug 2023
Depth		0.3	0.5	1	1	0.5	0.5	1	4.1	4.1	1
	Unit										
Metals											
Aluminium	mg/kg	---	---	22,000	---	31,000	---	---	7,000	---	27,000
Antimony	mg/kg	---	---	<1	---	<1	---	---	8.6	---	3.8
Arsenic	mg/kg	---	---	3.8	---	4	---	---	5.5	---	19
Barium	mg/kg	---	---	96	---	190	---	---	170	---	200
Beryllium	mg/kg	---	---	3	---	4.1	---	---	0.3	---	3.3
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron (filtered)	mg/kg	---	---	3.4	---	3.9	---	---	0.9	---	4.9
Cadmium	mg/kg	---	---	0.5	---	0.1	---	---	1.3	---	3.9
Calcium	mg/kg	---	---	63,000	---	78,000	---	---	110,000	---	89,000
Chromium (hexavalent)	mg/kg	---	---	<1	---	<1	---	---	<1	---	<1
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	---	---	12	---	13	---	---	540	---	38
Chromium (Trivalent)	mg/kg	---	---	12	---	13	---	---	540	---	38
Copper	mg/kg	---	---	6.5	---	3.1	---	---	48	---	31
Iron	mg/kg	---	---	12,000	---	6,200	---	---	79,000	---	100,000
Lead	mg/kg	---	---	36	---	15	---	---	93	---	210
Magnesium	mg/kg	---	---	7,400	---	13,000	---	---	23,000	---	16,000
Manganese	mg/kg	---	---	1,100	---	1,500	---	---	13,000	---	3,700
Mercury	mg/kg	---	---	<0.05	---	<0.05	---	---	0.08	---	0.1
Molybdenum	mg/kg	---	---	4.7	---	<0.4	---	---	3.3	---	1.2
Nickel	mg/kg	---	---	2.8	---	1.2	---	---	9.5	---	18
Potassium	mg/kg	---	---	1,100	---	1,900	---	---	760	---	1,600
Selenium	mg/kg	---	---	1	---	1.5	---	---	5.1	---	2.4
Silicon	mg/kg	---	---	52,000	---	66,000	---	---	49,000	---	15,000
Sodium	mg/kg	---	---	340	---	630	---	---	510	---	640
Tin	mg/kg	---	---	1.2	---	<1	---	---	7.3	---	4.8
Titanium	mg/kg	---	---	300	---	440	---	---	1,200	---	500
Vanadium	mg/kg	---	---	37	---	72	---	---	1,400	---	160
Zinc	mg/kg	---	---	130	---	66	---	---	320	---	850
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	---	---	0.86	---	1.6	---	---	0.69	---	0.95
Nitrite (as N)	mg/kg	---	---	<0.5	---	<0.5	---	---	<0.5	---	<0.5
Chloride	mg/kg	---	---	22.4	---	10	---	---	72.9	---	12.9
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	---	---	2.9	---	0.1	---	---	0.8	---	17
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	---	---	2.9	---	<0.2	---	---	0.8	---	17
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	---	4.4	---	5.2	---	---	8.5	---	6.2
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	---	2.3	---	<1	---	---	4.5	---	1.2
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	---	21,000	---	14,000	---	---	31,000	---	15,000
Sulphate (2:1 Water Soluble) as SO4	mg/L	---	---	1,800	---	1,800	---	---	470	---	1,600
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	---	10.5	---	11.1	---	---	12.3	---	---
Sulphur as S	%	---	---	0.3	0.00014	0.37	0.00027	---	0.63	<0.000075	0.52
Sulphur (free)	mg/kg	---	---	---	---	---	---	---	---	---	32
Sulphide	mg/kg	---	---	82	---	47	---	---	150	---	140
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	---	1.1	---	25	---	---	17	---	2.2
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	---	<0.20	---	<0.20	---	---	<0.20	---	<0.20
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	---	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
Fluoride	mg/kg	---	---	5.4	---	6.6	---	---	6.2	---	9.5
Other											
Organic Matter	%	---	---	3.1	---	2.3	---	---	3.6	---	0.7
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	---	---	6.9	---	6.7	---	---	15	---	9.6
TPH CWG											
>C5-C6 Aliphatics	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	<0.01
>C6-C8 Aliphatics	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	<0.01
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP15	B-TP15	B-TP15	B-TP15	B-TP16	B-TP16	B-TP16	B-TP16	B-TP16	B-TP17
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-19422	23-19422	23-19422	23-19422	23-18900	23-18900	23-18900	23-18900	23-18900	23-19884
Date		07 Aug 2023	07 Aug 2023	07 Aug 2023	07 Aug 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	15 Aug 2023
Depth		0.3	0.5	1	1	0.5	0.5	1	4.1	4.1	1
	Unit										
>C8-C10 Aliphatics	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	<0.01
>C10-C44 Aliphatics	mg/kg	---	---	<10	---	---	---	---	40	---	<10
>C10-C12 Aliphatics	mg/kg	---	---	<1.5	---	---	---	---	<1.5	---	<1.5
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	---	<1.2	---	---	---	---	1.8	---	<1.2
>C16-C21 Aliphatics	mg/kg	---	---	<1.5	---	---	---	---	6.5	---	<1.5
>C16-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	<4.9
>C21-C35 Aliphatics	mg/kg	---	---	<3.4	---	---	---	---	28	---	<3.4
>C35-C44 Aliphatics	mg/kg	---	---	<3.4	---	---	---	---	3.6	---	<3.4
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	<0.01
>EC7-EC8 Aromatics	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	<0.01
>EC10-EC44 Aromatics	mg/kg	---	---	<10	---	---	---	---	19	---	<10
>EC8-EC10 Aromatics	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	<0.01
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	---	<0.9	---	---	---	---	2.1	---	<0.9
>EC12-EC16 Aromatics	mg/kg	---	---	<0.5	---	---	---	---	1.8	---	<0.5
>EC16-EC21 Aromatics	mg/kg	---	---	<0.6	---	---	---	---	1.9	---	<0.6
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	---	<1.4	---	---	---	---	9.9	---	<1.4
>EC35-EC44 Aromatics	mg/kg	---	---	<1.4	---	---	---	---	3.6	---	<1.4
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	---	<10	---	---	---	---	59	---	<10
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	<10	---	---	---	---	59.2	---	<10
TPH											
EPH >C10-40	mg/kg	---	---	<10	---	<10	---	---	<10	---	<10
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	---	---	<0.002	---	---	---	---	<0.002	---	<0.002
Toluene	mg/kg	---	---	<0.005	---	---	---	---	<0.005	---	<0.005
Ethylbenzene	mg/kg	---	---	<0.01	---	---	---	---	<0.002	---	<0.002
Xylene (m & p)	mg/kg	---	---	<0.002	---	---	---	---	<0.002	---	<0.002
Xylene (o)	mg/kg	---	---	<0.002	---	---	---	---	<0.002	---	<0.002
Xylene Total	mg/kg	---	---	---	---	---	---	---	---	---	<0.004
MTBE	mg/kg	---	---	<0.005	---	---	---	---	<0.005	---	<0.005
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Coronene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	---	---	0.18	---	<0.03	---	---	<0.03	---	0.06
Acenaphthene	mg/kg	---	---	0.06	---	<0.03	---	---	<0.03	---	0.06
Acenaphthylene	mg/kg	---	---	<0.03	---	<0.03	---	---	<0.03	---	<0.03
Fluoranthene	mg/kg	---	---	0.37	---	0.04	---	---	0.51	---	0.17
Anthracene	mg/kg	---	---	0.08	---	<0.03	---	---	0.03	---	0.04
Phenanthrene	mg/kg	---	---	0.32	---	<0.03	---	---	0.33	---	0.13
Fluorene	mg/kg	---	---	0.04	---	<0.03	---	---	<0.03	---	<0.03
Chrysene	mg/kg	---	---	0.25	---	0.03	---	---	0.15	---	0.11
Pyrene	mg/kg	---	---	0.28	---	<0.03	---	---	0.42	---	0.13
Benzo(a)anthracene	mg/kg	---	---	0.13	---	<0.03	---	---	0.11	---	0.06
Benzo(b)fluoranthene	mg/kg	---	---	0.2	---	<0.03	---	---	0.09	---	0.09
Benzo(k)fluoranthene	mg/kg	---	---	0.07	---	<0.03	---	---	0.05	---	<0.03
Benzo(b+k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	0.12
Benzo(a)pyrene	mg/kg	---	---	0.12	---	<0.03	---	---	0.03	---	<0.03
Dibenz(a,h)anthracene	mg/kg	---	---	<0.03	---	<0.03	---	---	<0.03	---	<0.03
Benzo(g,h,i)perylene	mg/kg	---	---	0.06	---	<0.03	---	---	0.03	---	<0.03
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	0.05	---	<0.03	---	---	0.03	---	<0.03
PAH 16 Total	mg/kg	---	---	2.2	---	<0.1	---	---	1.7	---	0.85
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	mg/kg	---	---	<0.3	---	<0.3	---	---	<0.3	---	<0.3
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
Xylenols	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	<0.01
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
cis-1,3-dichloropropene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
trans-1,3-dichloropropene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP15	B-TP15	B-TP15	B-TP15	B-TP16	B-TP16	B-TP16	B-TP16	B-TP16	B-TP17
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-19422	23-19422	23-19422	23-19422	23-18900	23-18900	23-18900	23-18900	23-18900	23-19884
Date		07 Aug 2023	07 Aug 2023	07 Aug 2023	07 Aug 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	15 Aug 2023
Depth		0.3	0.5	1	1	0.5	0.5	1	4.1	4.1	1
	Unit										
1,1,1,2-tetrachloroethane	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
1,1,1-trichloroethane	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
1,1-dichloroethane	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
1,1-dichloroethene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
1,1-dichloropropene	mg/kg	---	---	<0.01	---	---	---	---	0.01	---	---
1,2,3-trichloropropane	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
1,2-dibromoethane	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
1,2-dichloroethane	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
1,3-dichloropropane	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
2,2-dichloropropane	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
Trihalomethanes	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
4-chlorotoluene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
Bromobenzene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
Bromochloromethane	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
Bromodichloromethane	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
Bromoform	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
Chlorodibromomethane	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
Dibromomethane	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
n-butylbenzene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
n-propylbenzene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
p-isopropyltoluene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
sec-butylbenzene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
Trichloroethene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
tert-butylbenzene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
Tetrachloroethene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
trans-1,2-dichloroethene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
tert-Amyl methyl ether	mg/kg	---	---	<0.005	---	---	---	---	<0.005	---	<0.005
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
1,2-dichlorobenzene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
1,3-dichlorobenzene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
1,4-dichlorobenzene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
Chlorobenzene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
Hexachlorobutadiene	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	---
Trichlorobenzene (total)	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC											
1,4-dinitrobenzene	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
Benzyl alcohol	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
4-bromophenyl phenyl ether	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
4-nitroaniline	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
4-nitrophenol	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
1,2-Dinitrobenzene	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
1,3-Dinitrobenzene	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
2,4,5-trichlorophenol	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
2,4,6-trichlorophenol	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	<0.01
2,4-dichlorophenol	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	<0.01
2,4-dimethylphenol	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	<0.01
2,4-dinitrotoluene	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
2,6-dichlorophenol	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	<0.01
2,6-Dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---	<0.01



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP15	B-TP15	B-TP15	B-TP15	B-TP16	B-TP16	B-TP16	B-TP16	B-TP16	B-TP17
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-19422	23-19422	23-19422	23-19422	23-18900	23-18900	23-18900	23-18900	23-18900	23-19884
Date		07 Aug 2023	07 Aug 2023	07 Aug 2023	07 Aug 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	15 Aug 2023
Depth		0.3	0.5	1	1	0.5	0.5	1	4.1	4.1	1
	Unit										
2,6-dinitrotoluene	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
2-chloronaphthalene	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
2-chlorophenol	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
2-methylnaphthalene	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
2-methylphenol	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
2-nitroaniline	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
4-chloro-3-methylphenol	mg/kg	---	---	<0.01	---	---	---	---	<0.01	---	<0.01
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
4-methylphenol	mg/kg	---	---	0.02	---	---	---	---	<0.01	---	<0.01
Aniline	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
Azobenzene	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
Butyl benzyl phthalate	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
Carbazole	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
Dibenzofuran	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
Diethylphthalate	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
Dimethyl phthalate	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
Di-n-butyl phthalate	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
Di-n-octyl phthalate	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
Diphenylamine	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
Hexachlorobenzene	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	---	---	---	---	---	---	---	---	---	0.18
Pesticides											
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP15	B-TP15	B-TP15	B-TP15	B-TP16	B-TP16	B-TP16	B-TP16	B-TP16	B-TP17
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-19422	23-19422	23-19422	23-19422	23-18900	23-18900	23-18900	23-18900	23-18900	23-19884
Date		07 Aug 2023	07 Aug 2023	07 Aug 2023	07 Aug 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	15 Aug 2023
Depth		0.3	0.5	1	1	0.5	0.5	1	4.1	4.1	1
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	---	---	---	---	---	---	---	---	---	10



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		B-TP18	B-TP18	B-TP18	B-TP19	B-TP19	B-TP19	B-TP19	B-TP20	B-TP20	B-TP22
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-19888	23-19888	23-19888	23-19629	23-19629	23-19629	23-19629	23-19614	23-19614	23-19614
		14 Aug 2023	14 Aug 2023	14 Aug 2023	10 Aug 2023	10 Aug 2023	10 Aug 2023	10 Aug 2023	09 Aug 2023	09 Aug 2023	09 Aug 2023
		0.5	2	3	0.3	0.5	3	2	4.5	0.3	0.5
Metals											
Aluminium	mg/kg	---	43,000	11,000	---	25,000	43,000	43,000	23,000	---	14,000
Antimony	mg/kg	---	<1	<1	---	<1	<1	2.4	5.2	---	9.1
Arsenic	mg/kg	---	7.8	4.8	---	8	25	8	8.3	---	8.8
Barium	mg/kg	---	410	170	---	430	230	310	260	---	180
Beryllium	mg/kg	---	4.4	<0.2	---	3	5.5	4.7	1.9	---	1.5
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron (filtered)	mg/kg	---	5.7	1.7	---	3.2	1.6	3.6	1.9	---	1.7
Cadmium	mg/kg	---	0.1	<0.1	---	<0.1	0.2	0.2	0.7	---	0.8
Calcium	mg/kg	---	130,000	27,000	---	95,000	150,000	130,000	130,000	---	60,000
Chromium (hexavalent)	mg/kg	---	<1	<1	---	<1	<1	<1	<1	---	<1
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	---	29	25	---	23	56	32	480	---	49
Chromium (Trivalent)	mg/kg	---	29	25	---	23	56	32	480	---	49
Copper	mg/kg	---	12	30	---	9	12	17	31	---	31
Iron	mg/kg	---	14,000	29,000	---	21,000	22,000	70,000	84,000	---	220,000
Lead	mg/kg	---	19	45	---	22	22	23	41	---	33
Magnesium	mg/kg	---	23,000	7,200	---	15,000	20,000	22,000	25,000	---	9,600
Manganese	mg/kg	---	2,400	710	---	3,000	2,800	3,200	9,500	---	1,900
Mercury	mg/kg	---	<0.05	<0.05	---	0.08	<0.05	<0.05	0.07	---	0.08
Molybdenum	mg/kg	---	<0.4	<0.4	---	1.3	1.1	0.8	3.4	---	4.1
Nickel	mg/kg	---	7.8	24	---	5.4	7.7	11	10	---	28
Potassium	mg/kg	---	2,900	250	---	1,500	2,700	3,200	1,700	---	560
Selenium	mg/kg	---	1.6	<0.5	---	2	2.9	1.9	4.3	---	<0.5
Silicon	mg/kg	---	79,000	---	---	80,000	56,000	51,000	---	---	15,000
Sodium	mg/kg	---	1,300	1,300	---	880	990	1,500	710	---	350
Tin	mg/kg	---	<1	<1	---	<1	<1	1.1	2.9	---	2.2
Titanium	mg/kg	---	680	1,000	---	530	760	750	1,300	---	390
Vanadium	mg/kg	---	90	69	---	70	140	130	1,100	---	93
Zinc	mg/kg	---	60	100	---	43	97	62	140	---	190
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	---	1.3	1.1	---	0.53	3	<0.5	<0.5	---	<0.5
Nitrite (as N)	mg/kg	---	<0.5	<0.5	---	<0.5	<0.5	<0.5	<0.5	---	<0.5
Chloride	mg/kg	---	12.1	136	---	19.8	18.9	48.2	67.2	---	15.9
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	<0.1	<0.1	---	<0.1	<0.1	<0.1	<0.1	---	<0.1
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	---	0.8	0.2	---	0.4	0.1	0.1	<0.1	---	0.3
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	---	0.8	<0.2	---	0.4	<0.2	<0.2	<0.2	---	0.3
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	10	7.2	---	17	4.9	1.6	<1	---	7.6
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	<1	5.4	---	1.2	<1	1.6	<1	---	1.1
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	15,000	23,000	---	13,000	27,000	15,000	12,000	---	2,100
Sulphate (2:1 Water Soluble) as SO4	mg/L	---	1,200	880	---	1,100	1,700	1,900	880	---	330
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	---	---	---	---	---	---	---	---	---
Sulphur as S	%	---	0.6	0.09	---	0.45	1	0.58	0.43	---	0.11
Sulphur (free)	mg/kg	---	<0.75	24	---	<0.75	3.7	0.8	<0.75	---	<0.75
Sulphide	mg/kg	---	180	40	---	40	36	130	150	---	87
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	0.8	3.4	---	0.7	<0.6	0.8	<0.6	---	1.5
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	<0.20	<0.20	---	<0.20	<0.20	<0.20	<0.20	---	<0.20
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	---	<0.1	<0.1	---	<0.1	<0.1	<0.1	<0.1	---	<0.1
Fluoride	mg/kg	---	5.7	5.7	---	11	2.9	4.5	7.7	---	6.1
Other											
Organic Matter	%	---	0.4	0.5	---	0.7	1	0.6	1.4	---	2.6
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	---	11	9.8	---	11	13	10	12	---	6.8
TPH CWG											
>C5-C6 Aliphatics	mg/kg	---	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---	---
>C6-C8 Aliphatics	mg/kg	---	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---	---
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG					
		B-TP18		B-TP18		B-TP18		B-TP19		B-TP19		B-TP19		B-TP20		B-TP20		B-TP22		B-TP22	
		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
		23-19888		23-19888		23-19888		23-19629		23-19629		23-19629		23-19614		23-19614		23-19614		23-19614	
		14 Aug 2023		14 Aug 2023		14 Aug 2023		10 Aug 2023		10 Aug 2023		10 Aug 2023		09 Aug 2023		09 Aug 2023		09 Aug 2023		09 Aug 2023	
0.5		2		3		0.3		0.5		3		2		4.5		0.3		0.5			
	Unit																				
>C8-C10 Aliphatics	mg/kg	---	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---	---	---	---	---	---	---	---	---	---	---	---
>C10-C44 Aliphatics	mg/kg	---	<10	---	---	<10	<10	<10	<10	---	---	---	---	---	---	---	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	---	<1.5	---	---	<1.5	<1.5	<1.5	<1.5	---	---	---	---	---	---	---	---	---	---	---	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	<1.2	---	---	<1.2	<1.2	<1.2	<1.2	---	---	---	---	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics	mg/kg	---	<1.5	---	---	<1.5	<1.5	<1.5	<1.5	---	---	---	---	---	---	---	---	---	---	---	---
>C16-C35 Aliphatics	mg/kg	---	<4.9	---	---	<4.9	<4.9	<4.9	<4.9	---	---	---	---	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics	mg/kg	---	<3.4	---	---	<3.4	<3.4	<3.4	<3.4	---	---	---	---	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	mg/kg	---	<3.4	---	---	<3.4	<3.4	<3.4	<3.4	---	---	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---	---	---	---	---	---	---	---	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	---	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---	---	---	---	---	---	---	---	---	---	---	---
>EC10-EC44 Aromatics	mg/kg	---	<10	---	---	<10	<10	<10	<10	---	---	---	---	---	---	---	---	---	---	---	---
>EC8-EC10 Aromatics	mg/kg	---	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---	---	---	---	---	---	---	---	---	---	---	---
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	<0.9	---	---	<0.9	<0.9	<0.9	<0.9	---	---	---	---	---	---	---	---	---	---	---	---
>EC12-EC16 Aromatics	mg/kg	---	<0.5	---	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	mg/kg	---	<0.6	---	---	<0.6	<0.6	<0.6	<0.6	---	---	---	---	---	---	---	---	---	---	---	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	<1.4	---	---	<1.4	<1.4	<1.4	<1.4	---	---	---	---	---	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	mg/kg	---	<1.4	---	---	<1.4	<1.4	<1.4	<1.4	---	---	---	---	---	---	---	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	<10	---	---	<10	<10	<10	<10	---	---	---	---	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	<10	---	---	<10	<10	<10	<10	---	---	---	---	---	---	---	---	---	---	---	---
TPH																					
EPH >C10-40	mg/kg	---	<10	---	<10	---	<10	<10	<10	---	---	---	---	---	---	---	---	---	---	---	57
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	<0.1	---	<0.1	---	<0.1	<0.1	<0.1	---	---	---	---	---	---	---	---	---	---	---	<0.1
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE																					
Benzene	mg/kg	---	<0.002	---	---	<0.002	<0.002	<0.002	<0.002	---	---	---	---	---	---	---	---	---	---	---	---
Toluene	mg/kg	---	<0.005	---	---	<0.005	<0.005	<0.005	<0.005	---	---	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	mg/kg	---	<0.002	---	---	<0.002	<0.002	<0.002	<0.002	---	---	---	---	---	---	---	---	---	---	---	---
Xylene (m & p)	mg/kg	---	<0.002	---	---	<0.002	<0.002	<0.002	<0.002	---	---	---	---	---	---	---	---	---	---	---	---
Xylene (o)	mg/kg	---	<0.002	---	---	<0.002	<0.002	<0.002	<0.002	---	---	---	---	---	---	---	---	---	---	---	---
Xylene Total	mg/kg	---	<0.004	---	---	<0.004	<0.004	<0.004	<0.004	---	---	---	---	---	---	---	---	---	---	---	---
MTBE	mg/kg	---	<0.005	---	---	<0.005	<0.005	<0.005	<0.005	---	---	---	---	---	---	---	---	---	---	---	---
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PAH																					
Coronene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	---	<0.03	0.04	---	<0.03	<0.03	<0.03	<0.03	---	---	---	---	---	---	---	---	---	---	---	0.08
Acenaphthene	mg/kg	---	<0.03	0.03	---	<0.03	<0.03	<0.03	<0.03	---	---	---	---	---	---	---	---	---	---	---	<0.03
Acenaphthylene	mg/kg	---	<0.03	<0.03	---	<0.03	<0.03	<0.03	<0.03	---	---	---	---	---	---	---	---	---	---	---	<0.03
Fluoranthene	mg/kg	---	<0.03	0.55	---	<0.03	<0.03	<0.03	<0.03	---	---	---	---	---	---	---	---	---	---	---	0.3
Anthracene	mg/kg	---	<0.03	0.06	---	<0.03	<0.03	<0.03	<0.03	---	---	---	---	---	---	---	---	---	---	---	0.06
Phenanthrene	mg/kg	---	<0.03	0.34	---	<0.03	<0.03	<0.03	<0.03	---	---	---	---	---	---	---	---	---	---	---	0.22
Fluorene	mg/kg	---	<0.03	<0.03	---	<0.03	<0.03	<0.03	<0.03	---	---	---	---	---	---	---	---	---	---	---	<0.03
Chrysene	mg/kg	---	<0.03	0.21	---	<0.03	<0.03	<0.03	<0.03	---	---	---	---	---	---	---	---	---	---	---	0.16
Pyrene	mg/kg	---	<0.03	0.42	---	<0.03	<0.03	<0.03	<0.03	---	---	---	---	---	---	---	---	---	---	---	0.22
Benzo(a)anthracene	mg/kg	---	<0.03	0.18	---	<0.03	<0.03	<0.03	<0.03	---	---	---	---	---	---	---	---	---	---	---	0.12
Benzo(b)fluoranthene	mg/kg	---	<0.03	0.15	---	<0.03	<0.03	<0.03	<0.03	---	---	---	---	---	---	---	---	---	---	---	0.22
Benzo(k)fluoranthene	mg/kg	---	<0.03	0.05	---	<0.03	<0.03	<0.03	<0.03	---	---	---	---	---	---	---	---	---	---	---	0.11
Benzo(b+k)fluoranthene	mg/kg	---	<0.06	0.2	---	<0.06	<0.06	<0.06	<0.06	---	---	---	---	---	---	---	---	---	---	---	0.33
Benzo(a)pyrene	mg/kg	---	<0.03	0.07	---	<0.03	<0.03	<0.03	<0.03	---	---	---	---	---	---	---	---	---	---	---	0.07
Dibenz(a,h)anthracene	mg/kg	---	<0.03	<0.03	---	<0.03	<0.03	<0.03	<0.03	---	---	---	---	---	---	---	---	---	---	---	<0.03
Benzo(g,h,i)perylene	mg/kg	---	<0.03	0.05	---	<0.03	<0.03	<0.03	<0.03	---	---	---	---	---	---	---	---	---	---	---	0.04
Indeno(1,2,3-c,d)pyrene	mg/kg	---	<0.03	0.05	---	<0.03	<0.03	<0.03	<0.03	---	---	---	---	---	---	---	---	---	---	---	0.04
PAH 16 Total	mg/kg	---	<0.1	2.2	---	<0.1	<0.1	<0.1	<0.1	---	---	---	---	---	---	---	---	---	---	---	1.6
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---						



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		B-TP18	B-TP18	B-TP18	B-TP19	B-TP19	B-TP19	B-TP20	B-TP20	B-TP22
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-19888	23-19888	23-19888	23-19629	23-19629	23-19629	23-19614	23-19614	23-19614
		14 Aug 2023	14 Aug 2023	14 Aug 2023	10 Aug 2023	10 Aug 2023	10 Aug 2023	09 Aug 2023	09 Aug 2023	09 Aug 2023
		0.5	2	3	0.3	0.5	3	2	4.5	0.3
		0.5								
1,1,1,2-tetrachloroethane	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
1,1-dichloroethane	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
1,1-dichloroethene	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
1,1-dichloropropene	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
1,2-dibromoethane	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
1,2-dichloroethane	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	<0.02	---	---	<0.02	---	---	---	---
1,2-dichloropropane	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
1,3-dichloropropane	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
2,2-dichloropropane	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
Trihalomethanes	mg/kg	---	<0.04	---	---	<0.04	---	---	---	---
2-chlorotoluene	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
4-chlorotoluene	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
Bromobenzene	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
Bromochloromethane	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
Bromodichloromethane	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
Bromoform	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
Chlorodibromomethane	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
Dibromomethane	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
n-butylbenzene	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
n-propylbenzene	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
p-isopropyltoluene	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
sec-butylbenzene	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
Trichloroethene	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
tert-butylbenzene	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
Tetrachloroethene	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
tert-Amyl methyl ether	mg/kg	---	<0.005	---	---	<0.005	<0.005	<0.005	<0.005	---
VOC/SVOC										
1,2,3-trichlorobenzene	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
Chlorobenzene	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
Hexachlorobutadiene	mg/kg	---	<0.01	---	---	<0.01	---	---	---	---
Trichlorobenzene (total)	mg/kg	---	<0.02	---	---	<0.02	---	---	---	---
SVOC										
1,4-dinitrobenzene	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---
Benzyl alcohol	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---
4-nitroaniline	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---
4-nitrophenol	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---
1,2-Dinitrobenzene	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---
1,3-Dinitrobenzene	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	<0.01	---	---	<0.01	<0.01	<0.01	---	---
2,4-dichlorophenol	mg/kg	---	<0.01	---	---	<0.01	<0.01	<0.01	---	---
2,4-dimethylphenol	mg/kg	---	<0.01	---	---	<0.01	<0.01	<0.01	---	---
2,4-dinitrotoluene	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---
2,6-dichlorophenol	mg/kg	---	<0.01	---	---	<0.01	<0.01	<0.01	---	---
2,6-Dimethylphenol	mg/kg	---	<0.01	---	---	<0.01	<0.01	<0.01	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP18	B-TP18	B-TP18	B-TP19	B-TP19	B-TP19	B-TP20	B-TP20	B-TP22	B-TP22
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-19888	23-19888	23-19888	23-19629	23-19629	23-19629	23-19614	23-19614	23-19614	23-19614
Date		14 Aug 2023	14 Aug 2023	14 Aug 2023	10 Aug 2023	10 Aug 2023	10 Aug 2023	09 Aug 2023	09 Aug 2023	09 Aug 2023	09 Aug 2023
Depth		0.5	2	3	0.3	0.5	3	2	4.5	0.3	0.5
	Unit										
2,6-dinitrotoluene	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---	---
2-chlorophenol	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---	---
2-methylphenol	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---	---
2-nitroaniline	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	<0.01	---	---	<0.01	<0.01	<0.01	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---	---
4-methylphenol	mg/kg	---	<0.01	---	---	<0.01	<0.01	<0.01	---	---	---
Aniline	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---	---
Azobenzene	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---	---
Carbazole	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---	---
Dibenzofuran	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---	---
Diethylphthalate	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---	---
Diphenylamine	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	<0.1	---	---	<0.1	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	<0.1	---	---	<0.035	---	---	---	---	<0.035
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	---	<0.12	0.3	---	0.14	<0.12	0.13	<0.12	---	0.41
Pesticides											
Heptachlor epoxide	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Simetryn	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Secbumeton	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	<0.035	---	---	---	---	<0.035



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP18	B-TP18	B-TP18	B-TP19	B-TP19	B-TP19	B-TP20	B-TP20	B-TP22	B-TP22
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-19888	23-19888	23-19888	23-19629	23-19629	23-19629	23-19614	23-19614	23-19614	23-19614
Date		14 Aug 2023	14 Aug 2023	14 Aug 2023	10 Aug 2023	10 Aug 2023	10 Aug 2023	09 Aug 2023	09 Aug 2023	09 Aug 2023	09 Aug 2023
Depth		0.5	2	3	0.3	0.5	3	2	4.5	0.3	0.5
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	<0.035	---	---	---	---	<0.035
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	<0.035	---	---	---	---	<0.035
Hedonal	mg/kg	---	---	---	---	<0.035	---	---	---	---	<0.035
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	<0.035	---	---	---	---	<0.035
2,4-Dichloroprop	mg/kg	---	---	---	---	<0.035	---	---	---	---	<0.035
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Aldrin	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Aldrin + Dieldrin	mg/kg	---	---	---	---	<0.2	---	---	---	---	<0.2
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	<0.3	---	---	---	---	<0.3
Ametryn	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Actril (loxynil)	mg/kg	---	---	---	---	<0.035	---	---	---	---	<0.035
Atraton	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Atrazine	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Azinophos methyl	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
b-BHC	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Benazolin	mg/kg	---	---	---	---	<0.035	---	---	---	---	<0.035
Bentazone	mg/kg	---	---	---	---	<0.035	---	---	---	---	<0.035
Bolstar (Sulprofos)	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Bromoxynil	mg/kg	---	---	---	---	<0.035	---	---	---	---	<0.035
gamma-Chlordane	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Chlorpyrifos	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Clopyralid	mg/kg	---	---	---	---	<0.035	---	---	---	---	<0.035
Coumaphos	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
d-BHC	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
DDT	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Demeton-O	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Demeton-S	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Diazinon	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Dicamba	mg/kg	---	---	---	---	<0.035	---	---	---	---	<0.035
Dichlorvos	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Endosulfan sulphate	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Endrin	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Endrin aldehyde	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Endrin ketone	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Ethoprop	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Fensulfothion	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Fenthion	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Fluroxypyr	mg/kg	---	---	---	---	<0.035	---	---	---	---	<0.035
g-BHC (Lindane)	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Heptachlor	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	<0.035	---	---	---	---	<0.035
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	<0.035	---	---	---	---	<0.035
Mecoprop	mg/kg	---	---	---	---	<0.035	---	---	---	---	<0.035
Merphos	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Methoxychlor	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Methyl parathion	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Naled (Dibrom)	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Phorate	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Picloram	mg/kg	---	---	---	---	<0.035	---	---	---	---	<0.035
Prometon	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Prometryn	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Propazine	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Simazine	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Stirophos	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Terbutryn	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Terbutylazine	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Trichloronate	mg/kg	---	---	---	---	<0.1	---	---	---	---	<0.1
Triclopyr	mg/kg	---	---	---	---	<0.035	---	---	---	---	<0.035
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	---	10.1	11.2	---	11.2	11.2	11.3	12.4	---	10.8



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP22	B-TP23	FOU_AUK_TP109	FOU_AUK_TP109	FOU_AUK_TP119	FOU_AUK_TP119	FOU_AUK_TP120	FOU_AUK_TP120	FOU_AUK_TP121	FOU_AUK_TP121
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-19614	23-19629	704765	704765	704765	704765	704949	704949	704949	704949
Date		09 Aug 2023	10 Aug 2023	30 Aug 2023	30 Aug 2023	30 Aug 2023	30 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023
Depth		1	0.3	1	1	1	1	0.5	0.5	3.5	3.5
	Unit										
Metals											
Aluminium	mg/kg	40,000	57,000	6,890	---	56,800	---	45,400	---	6,580	---
Antimony	mg/kg	1.9	2.7	0.941	---	<0.6	---	<0.6	---	3.83	---
Arsenic	mg/kg	55	23	26	---	31.6	---	6.78	---	41.4	---
Barium	mg/kg	300	290	554	---	408	---	744	---	496	---
Beryllium	mg/kg	4.8	5.8	---	---	---	---	---	---	---	---
Boron	mg/kg	---	---	<1	---	1.23	---	1.8	---	<1	---
Boron (filtered)	mg/kg	3.5	6	---	---	---	---	---	---	---	---
Cadmium	mg/kg	0.4	0.2	<0.02	---	<0.02	---	<0.02	---	<0.02	---
Calcium	mg/kg	110,000	170,000	191,000	---	192,000	---	240,000	---	279,000	---
Chromium (hexavalent)	mg/kg	<1	<1	---	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	mg/kg	---	---	<0.6	---	<0.6	---	<0.6	---	<0.6	---
Chromium	mg/kg	30	140	424	---	10.5	---	8.76	---	1,130	---
Chromium (Trivalent)	mg/kg	30	140	---	---	---	---	---	---	---	---
Copper	mg/kg	12	26	18.8	---	3.33	---	3.73	---	36.5	---
Iron	mg/kg	46,000	43,000	66,600	---	<10,000	---	8,810	---	113,000	---
Lead	mg/kg	50	31	27.6	---	<0.7	---	12	---	16.1	---
Magnesium	mg/kg	18,000	26,000	25,900	---	22,700	---	25,600	---	30,500	---
Manganese	mg/kg	2,900	6,900	18,000	---	3,170	---	2,840	---	34,200	---
Mercury	mg/kg	<0.05	0.06	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Molybdenum	mg/kg	2.3	1.6	1.99	---	1.06	---	0.693	---	0.371	---
Nickel	mg/kg	13	15	16.5	---	2.52	---	4.06	---	17.1	---
Potassium	mg/kg	2,900	3,300	494	---	5,040	---	2,350	---	322	---
Selenium	mg/kg	1.9	4.2	8.67	---	5.38	---	4	---	13.9	---
Silicon	mg/kg	52,000	56,000	---	---	---	---	---	---	---	---
Sodium	mg/kg	1,300	1,600	465	---	1,040	---	942	---	271	---
Tin	mg/kg	<1	1.5	---	---	---	---	---	---	---	---
Titanium	mg/kg	730	1,100	---	---	---	---	---	---	---	---
Vanadium	mg/kg	83	290	1,650	---	48.4	---	35.8	---	4,220	---
Zinc	mg/kg	310	90	39.4	---	26.8	---	103	---	31.9	---
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	0.91	<0.5	<12	---	<12	---	<12	---	<12	---
Nitrite (as N)	mg/kg	<0.5	<0.5	---	---	---	---	---	---	---	---
Chloride	mg/kg	8.4	13	---	---	---	---	---	---	---	---
Chloride (filtered)	mg/kg	---	---	25.6	---	128	---	68.3	---	50.2	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	3.8	---	2.36	---	<1	---	<1	---
Cyanide (Free)	mg/kg	<0.1	<0.1	---	---	---	---	---	---	---	---
Cyanide (Free) (filtered)	mg/kg	---	---	<1	---	<1	---	<1	---	<1	---
Cyanide Total	mg/kg	0.3	7	---	---	---	---	---	---	---	---
Cyanide Total (filtered)	mg/kg	---	---	<1	---	<1	---	<1	---	<1	---
Cyanide (Complex)	mg/kg	0.3	7	---	---	---	---	---	---	---	---
Cyanide (Complex) (filtered)	mg/kg	---	---	<1	---	<1	---	<1	---	<1	---
Nitrate (as NO3-)	mg/kg	1.1	2.4	---	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/kg	---	---	3.32	---	2.01	---	<1	---	<1	---
Nitrite (as NO2-)	mg/kg	<1	1.6	---	---	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/kg	---	---	0.36	---	0.26	---	0.13	---	0.81	---
Sulphate	mg/kg	23,000	17,000	6,010	---	61,700	---	24,000	---	12,000	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	1,800	1,900	---	---	---	---	1,420	---	102	---
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	91.3	---	1,570	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	---	12	---	9.44	---	9.08	---	12	---
Sulphur as S	%	0.71	0.68	0.2	---	2.06	---	0.802	---	0.401	---
Sulphur (free)	mg/kg	<0.75	20	---	---	---	---	---	---	---	---
Sulphide	mg/kg	150	<10	32.1	---	992	---	259	---	33.8	---
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	<0.6	<0.6	---	---	---	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	<1	---	<1	---	<1	---	<1	---
Ortho phosphate as PO4	mg/kg	<0.20	<0.20	---	---	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	<1	---	<1	---	<1	---	<1	---
Orthophosphate as P	mg/kg	<0.1	<0.1	---	---	---	---	---	---	---	---
Fluoride	mg/kg	5.7	9.9	1,460	---	596	---	427	---	3,510	---
Other											
Organic Matter	%	0.8	0.7	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	0.0201	---	0	---	0	---	0.0398	---
Acid Reserve	gNaOH/100g	---	---	0	---	0	---	0	---	0	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	8.1	5.8	6.1	---	11	---	5.3	---	9.5	---
TPH CWG											
>C5-C6 Aliphatics	mg/kg	<0.01	<0.01	<0.01	---	<0.01	---	<0.01	---	<0.01	---
>C6-C8 Aliphatics	mg/kg	<0.01	<0.01	<0.01	---	<0.01	---	0.0306	---	<0.01	---
>C5-C10 Aliphatics	mg/kg	---	---	<0.05	---	<0.05	---	0.0623	---	<0.05	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP22	B-TP23	FOU_AUK_TP109	FOU_AUK_TP109	FOU_AUK_TP119	FOU_AUK_TP119	FOU_AUK_TP120	FOU_AUK_TP120	FOU_AUK_TP121	FOU_AUK_TP121
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-19614	23-19629	704765	704765	704765	704765	704949	704949	704949	704949
Date		09 Aug 2023	10 Aug 2023	30 Aug 2023	30 Aug 2023	30 Aug 2023	30 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023
Depth		1	0.3	1	1	1	1	0.5	0.5	3.5	3.5
	Unit										
>C8-C10 Aliphatics	mg/kg	<0.01	<0.01	<0.01	---	<0.01	---	0.0317	---	<0.01	---
>C10-C44 Aliphatics	mg/kg	<10	<10	---	---	---	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	<1.5	<1.5	<1	---	<1	---	<1	---	<1	---
>C10-C40 Aliphatics	mg/kg	---	---	<5	---	<5	---	10.7	---	15.5	---
>C12-C16 Aliphatics	mg/kg	<1.2	<1.2	<1	---	<1	---	<1	---	<1	---
>C16-C21 Aliphatics	mg/kg	<1.5	<1.5	<1	---	<1	---	2.02	---	1.39	---
>C16-C35 Aliphatics	mg/kg	<4.9	<4.9	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics	mg/kg	<3.4	<3.4	<1	---	<1	---	6.94	---	9.18	---
>C35-C44 Aliphatics	mg/kg	<3.4	<3.4	<1	---	<1	---	1.02	---	4.93	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	<0.05	---	<0.05	---	<0.05	---	<0.05	---
>EC5-EC7 Aromatics	mg/kg	<0.01	<0.01	---	---	---	---	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	<0.01	<0.01	<0.01	---	<0.01	---	0.0169	---	<0.01	---
>EC10-EC44 Aromatics	mg/kg	<10	<10	<5	---	<5	---	299	---	<5	---
>EC8-EC10 Aromatics	mg/kg	<0.01	<0.01	<0.01	---	<0.01	---	0.0211	---	<0.01	---
>EC6-EC7 Aromatics	mg/kg	---	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
>EC10-EC12 Aromatics	mg/kg	<0.9	<0.9	<1	---	<1	---	<1	---	<1	---
>EC12-EC16 Aromatics	mg/kg	<0.5	<0.5	<1	---	<1	---	5.34	---	<1	---
>EC16-EC21 Aromatics	mg/kg	<0.6	<0.6	<1	---	<1	---	78	---	<1	---
>EC40-EC44 Aromatics	mg/kg	---	---	<1	---	<1	---	5.75	---	<1	---
>EC21-EC35 Aromatics	mg/kg	<1.4	<1.4	<1	---	<1	---	184	---	1.09	---
>EC35-EC44 Aromatics	mg/kg	<1.4	<1.4	<1	---	<1	---	32.2	---	<1	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	<10	<10	<10	---	<10	---	310	---	17.7	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	<10	<10	<10	---	<10	---	310	---	15.5	---
TPH											
EPH >C10-40	mg/kg	<10	<10	---	---	---	---	---	---	---	---
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	<0.1	<0.1	<0.02	---	<0.02	---	0.0623	---	<0.02	---
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	<0.002	<0.002	<0.001	---	<0.001	---	<0.02	---	<0.001	---
Toluene	mg/kg	<0.005	<0.005	<0.001	---	<0.001	---	0.105	---	<0.001	---
Ethylbenzene	mg/kg	<0.002	<0.002	<0.001	---	<0.001	---	<0.02	---	<0.001	---
Xylene (m & p)	mg/kg	<0.002	<0.002	<0.002	---	<0.002	---	<0.04	---	<0.002	---
Xylene (o)	mg/kg	<0.002	<0.002	<0.002	---	<0.002	---	<0.04	---	<0.002	---
Xylene Total	mg/kg	<0.004	<0.004	<0.02	---	<0.02	---	<0.4	---	<0.02	---
MTBE	mg/kg	<0.005	<0.005	<0.0005	---	<0.0005	---	<0.01	---	<0.0005	---
Total BTEX	mg/kg	---	---	<0.007	---	<0.007	---	<0.14	---	<0.007	---
PAH											
Coronene	mg/kg	---	---	<0.2	---	<0.2	---	0.658	---	<0.2	---
Naphthalene	mg/kg	<0.03	<0.03	<0.008	---	<0.008	---	<0.1	0.075	<0.008	---
Acenaphthene	mg/kg	<0.03	<0.03	<0.008	---	<0.008	---	0.543	0.531	<0.008	---
Acenaphthylene	mg/kg	<0.03	<0.03	<0.012	---	<0.012	---	<0.1	0.0972	<0.012	---
Fluoranthene	mg/kg	0.05	0.12	<0.1	0.0236	<0.1	0.0303	8.94	8.45	<0.1	0.0545
Anthracene	mg/kg	<0.03	<0.03	<0.016	---	<0.016	---	0.74	0.777	<0.016	---
Phenanthrene	mg/kg	0.04	0.08	<0.015	---	<0.015	---	4.8	3.11	<0.1	0.065
Fluorene	mg/kg	<0.03	<0.03	<0.01	---	<0.01	---	0.348	0.385	<0.01	---
Chrysene	mg/kg	0.03	0.04	<0.1	0.0153	<0.1	0.0177	3.99	3.33	<0.1	0.0236
Pyrene	mg/kg	0.04	0.09	<0.1	0.0179	<0.1	0.0214	7.76	6.92	<0.1	0.039
Benzo(a)anthracene	mg/kg	<0.03	0.04	<0.014	---	<0.1	0.0176	4.36	3.81	<0.1	0.0217
Benzo(b)fluoranthene	mg/kg	<0.03	0.04	<0.1	0.0194	<0.1	0.0181	3.08	3.73	<0.1	0.0237
Benzo(k)fluoranthene	mg/kg	<0.03	<0.03	<0.014	---	<0.014	---	3.45	1.82	<0.014	---
Benzo(b+k)fluoranthene	mg/kg	<0.06	0.07	---	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	<0.03	<0.03	<0.015	---	<0.015	---	3.32	3.31	<0.015	---
Dibenz(a,h)anthracene	mg/kg	<0.03	<0.03	<0.023	---	<0.023	---	0.348	0.4	<0.023	---
Benzo(g,h,i)perylene	mg/kg	<0.03	<0.03	<0.024	---	<0.024	---	1.96	1.95	<0.024	---
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.03	<0.03	<0.018	---	<0.018	---	2.13	1.84	<0.018	---
PAH 16 Total	mg/kg	0.13	0.42	<0.118	---	<0.118	---	40.5	---	0.227	---
PAH 17 Total	mg/kg	---	---	<0.318	---	<0.318	---	41.2	---	<0.318	---
Phenolics											
Total Phenols (monohydric)	mg/kg	<0.3	0.4	---	---	---	---	---	---	---	---
3/4-Methylphenol (m/p-cresol)	mg/kg	<0.1	<0.1	---	---	---	---	---	---	---	---
Xylenols	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	<0.01	<0.01	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	<0.02	<0.02	---	---	---	---	---	---	---	---
Styrene	mg/kg	<0.01	<0.01	<0.002	---	<0.002	---	<0.04	---	<0.002	---
cis-1,3-dichloropropene	mg/kg	<0.01	<0.01	<0.0005	---	<0.0005	---	<0.01	---	<0.0005	---
trans-1,3-dichloropropene	mg/kg	<0.01	<0.01	<0.001	---	<0.001	---	<0.02	---	<0.001	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		B-TP22	B-TP23	FOU_AUK_TP109	FOU_AUK_TP109	FOU_AUK_TP119	FOU_AUK_TP119	FOU_AUK_TP120	FOU_AUK_TP120	FOU_AUK_TP121	FOU_AUK_TP121
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-19614	23-19629	704765	704765	704765	704765	704949	704949	704949	704949
		09 Aug 2023	10 Aug 2023	30 Aug 2023	30 Aug 2023	30 Aug 2023	30 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023
		1	0.3	1	1	1	1	0.5	0.5	3.5	3.5
1,1,1,2-tetrachloroethane	mg/kg	<0.01	<0.01	<0.001	---	<0.001	---	<0.02	---	<0.001	---
1,1,1-trichloroethane	mg/kg	<0.01	<0.01	<0.0005	---	<0.0005	---	<0.01	---	<0.0005	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	<0.002	---	<0.002	---	<0.04	---	<0.002	---
1,1,2-trichloroethane	mg/kg	<0.01	<0.01	<0.001	---	<0.001	---	<0.02	---	<0.001	---
1,1-dichloroethane	mg/kg	<0.01	<0.01	<0.0005	---	<0.0005	---	<0.01	---	<0.0005	---
1,1-dichloroethene	mg/kg	<0.01	<0.01	<0.0005	---	<0.0005	---	<0.01	---	<0.0005	---
1,1-dichloropropene	mg/kg	<0.01	<0.01	<0.0005	---	<0.0005	---	<0.01	---	<0.0005	---
1,2,3-trichloropropane	mg/kg	<0.01	<0.01	<0.002	---	<0.002	---	<0.04	---	<0.002	---
1,2,4-trimethylbenzene	mg/kg	<0.01	<0.01	<0.003	---	<0.003	---	<0.06	---	<0.003	---
1,2-dibromo-3-chloropropane	mg/kg	<0.01	<0.01	<0.002	---	<0.002	---	<0.04	---	<0.002	---
1,2-dibromoethane	mg/kg	<0.01	<0.01	<0.001	---	<0.001	---	<0.02	---	<0.001	---
1,2-dichloroethane	mg/kg	<0.01	<0.01	<0.001	---	<0.001	---	<0.02	---	<0.001	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	<0.02	<0.02	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	<0.01	<0.01	<0.0005	---	<0.0005	---	<0.01	---	<0.0005	---
1,3,5-trimethylbenzene	mg/kg	<0.01	<0.01	<0.002	---	<0.002	---	<0.04	---	<0.002	---
1,3-dichloropropane	mg/kg	<0.01	<0.01	<0.001	---	<0.001	---	<0.02	---	<0.001	---
2,2-dichloropropane	mg/kg	<0.01	<0.01	<0.001	---	<0.001	---	<0.02	---	<0.001	---
Trihalomethanes	mg/kg	<0.04	<0.04	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	<0.01	<0.01	<0.003	---	<0.003	---	<0.06	---	<0.003	---
4-chlorotoluene	mg/kg	<0.01	<0.01	<0.003	---	<0.003	---	<0.06	---	<0.003	---
Bromobenzene	mg/kg	<0.01	<0.01	<0.002	---	<0.002	---	<0.04	---	<0.002	---
Bromochloromethane	mg/kg	<0.01	<0.01	<0.002	---	<0.002	---	<0.04	---	<0.002	---
Bromodichloromethane	mg/kg	<0.01	<0.01	<0.002	---	<0.002	---	<0.04	---	<0.002	---
Bromoform	mg/kg	<0.01	<0.01	<0.004	---	<0.002	---	<0.098	---	<0.005	---
Bromomethane	mg/kg	---	---	<0.001	---	<0.001	---	<0.02	---	<0.001	---
Carbon disulfide	mg/kg	---	---	<0.001	---	<0.001	---	<0.02	---	0.00171	---
Carbon tetrachloride	mg/kg	<0.01	<0.01	<0.0005	---	<0.0005	---	<0.01	---	<0.0005	---
Chlorodibromomethane	mg/kg	<0.01	<0.01	<0.002	---	<0.002	---	<0.04	---	<0.002	---
Chloroethane	mg/kg	---	---	<0.001	---	<0.001	---	<0.02	---	<0.001	---
Chloroform	mg/kg	<0.01	<0.01	<0.003	---	<0.003	---	<0.06	---	<0.003	---
Chloromethane	mg/kg	---	---	<0.002	---	<0.002	---	<0.04	---	<0.002	---
cis-1,2-dichloroethene	mg/kg	<0.01	<0.01	<0.0005	---	<0.0005	---	<0.01	---	<0.0005	---
Dibromomethane	mg/kg	<0.01	<0.01	<0.001	---	<0.001	---	<0.02	---	<0.001	---
Dichlorodifluoromethane	mg/kg	---	---	<0.0005	---	<0.0005	---	<0.01	---	<0.0005	---
Dichloromethane	mg/kg	---	---	<0.005	---	<0.005	---	<0.1	---	<0.005	---
Isopropylbenzene	mg/kg	<0.01	<0.01	<0.002	---	<0.002	---	<0.04	---	<0.002	---
n-butylbenzene	mg/kg	<0.01	<0.01	<0.003	---	<0.003	---	<0.06	---	<0.003	---
n-propylbenzene	mg/kg	<0.01	<0.01	<0.002	---	<0.002	---	<0.04	---	<0.002	---
p-isopropyltoluene	mg/kg	<0.01	<0.01	<0.002	---	<0.002	---	<0.04	---	<0.002	---
sec-butylbenzene	mg/kg	<0.01	<0.01	<0.001	---	<0.001	---	<0.02	---	<0.001	---
Trichloroethene	mg/kg	<0.01	<0.01	<0.001	---	<0.001	---	<0.02	---	<0.001	---
tert-butylbenzene	mg/kg	<0.01	<0.01	<0.002	---	<0.002	---	<0.04	---	<0.002	---
Tetrachloroethene	mg/kg	<0.01	<0.01	<0.002	---	<0.002	---	<0.04	---	<0.002	---
trans-1,2-dichloroethene	mg/kg	<0.01	<0.01	<0.001	---	<0.001	---	<0.02	---	<0.001	---
Trichlorofluoromethane	mg/kg	---	---	<0.0005	---	<0.0005	---	<0.01	---	<0.0005	---
Vinyl chloride	mg/kg	<0.01	<0.01	<0.0005	---	<0.0005	---	<0.01	---	<0.0005	---
tert-Amyl methyl ether	mg/kg	<0.005	<0.005	<0.001	---	<0.001	---	<0.02	---	<0.001	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	<0.01	<0.01	<0.01	---	<0.01	---	<0.2	---	<0.01	---
1,2,4-trichlorobenzene	mg/kg	<0.01	<0.01	<0.007	---	<0.007	---	<0.1	---	<0.007	---
1,2-dichlorobenzene	mg/kg	<0.01	<0.01	<0.005	---	<0.005	---	<0.1	---	<0.005	---
1,3-dichlorobenzene	mg/kg	<0.01	<0.01	<0.005	---	<0.005	---	<0.1	---	<0.005	---
1,4-dichlorobenzene	mg/kg	<0.01	<0.01	<0.005	---	<0.005	---	<0.1	---	<0.005	---
Chlorobenzene	mg/kg	<0.01	<0.01	<0.002	---	<0.002	---	<0.04	---	<0.002	---
Hexachlorobutadiene	mg/kg	<0.01	<0.01	<0.004	---	<0.004	---	<0.08	---	<0.004	---
Trichlorobenzene (total)	mg/kg	<0.02	<0.02	---	---	---	---	---	---	---	---
SVOC											
1,4-dinitrobenzene	mg/kg	<0.1	<0.1	---	---	---	---	---	---	---	---
Benzyl alcohol	mg/kg	<0.1	<0.1	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
4-nitroaniline	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
4-nitrophenol	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
1,2-Dinitrobenzene	mg/kg	<0.1	<0.1	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	<0.1	<0.1	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	<0.1	<0.1	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	<0.1	<0.1	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
2,4,6-trichlorophenol	mg/kg	<0.01	<0.01	<0.1	---	<0.1	---	<0.1	---	<0.1	---
2,4-dichlorophenol	mg/kg	<0.01	<0.01	<0.1	---	<0.1	---	<0.1	---	<0.1	---
2,4-dimethylphenol	mg/kg	<0.01	<0.01	<0.1	---	<0.1	---	<0.1	---	<0.1	---
2,4-dinitrotoluene	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
2,6-dichlorophenol	mg/kg	<0.01	<0.01	---	---	---	---	---	---	---	---
2,6-Dimethylphenol	mg/kg	<0.01	<0.01	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP22	B-TP23	FOU_AUK_TP109	FOU_AUK_TP109	FOU_AUK_TP119	FOU_AUK_TP119	FOU_AUK_TP120	FOU_AUK_TP120	FOU_AUK_TP121	FOU_AUK_TP121
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-19614	23-19629	704765	704765	704765	704765	704949	704949	704949	704949
Date		09 Aug 2023	10 Aug 2023	30 Aug 2023	30 Aug 2023	30 Aug 2023	30 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023
Depth		1	0.3	1	1	1	1	0.5	0.5	3.5	3.5
	Unit										
2,6-dinitrotoluene	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
2-chloronaphthalene	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
2-chlorophenol	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
2-methylnaphthalene	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
2-methylphenol	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
2-nitroaniline	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
2-nitrophenol	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
3-nitroaniline	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
4,6-Dinitro-2-methylphenol	mg/kg	<0.1	<0.1	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	<0.01	<0.01	<0.1	---	<0.1	---	<0.1	---	<0.1	---
4-chloroaniline	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
4-chlorophenyl phenyl ether	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
4-methylphenol	mg/kg	<0.01	<0.01	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Aniline	mg/kg	<0.1	<0.1	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Bis(2-chloroethoxy) methane	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Bis(2-chloroethyl)ether	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Bis(2-chloroisopropyl) ether	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Bis(2-ethylhexyl) phthalate	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Butyl benzyl phthalate	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Carbazole	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	0.135	---	<0.1	---
Dibenzofuran	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	0.423	---	<0.1	---
Diethylphthalate	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Dimethyl phthalate	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Di-n-butyl phthalate	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Di-n-octyl phthalate	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Diphenylamine	mg/kg	<0.1	<0.1	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Hexachlorocyclopentadiene	mg/kg	<0.1	<0.1	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Hexachloroethane	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Isophorone	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Nitrobenzene	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
N-nitrosodi-n-propylamine	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Pentachlorophenol	mg/kg	<0.1	<0.035	<0.1	---	<0.1	---	<0.1	---	<0.1	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	<0.12	0.13	---	---	---	---	---	---	---	---
Pesticides											
Heptachlor epoxide	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	<0.035	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP22	B-TP23	FOU_AUK_TP109	FOU_AUK_TP109	FOU_AUK_TP119	FOU_AUK_TP119	FOU_AUK_TP120	FOU_AUK_TP120	FOU_AUK_TP121	FOU_AUK_TP121
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-19614	23-19629	704765	704765	704765	704765	704949	704949	704949	704949
Date		09 Aug 2023	10 Aug 2023	30 Aug 2023	30 Aug 2023	30 Aug 2023	30 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023
Depth		1	0.3	1	1	1	1	0.5	0.5	3.5	3.5
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
Hedonal	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	<0.2	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	<0.3	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
DDT	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	<0.1	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	<0.035	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	10.7	11.2	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		FOU_AUK_TP122	FOU_AUK_TP122	FOU_AUK_TP123	FOU_AUK_TP123	FOU_AUK_TP136	FOU_AUK_TP136	FOU_AUK_TP136	FOU_AUK_TP137	FOU_AUK_TP137	FOU_AUK_TP138
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		704949	704949	704949	704949	704774	704774	704774	704774	704774	705778
		31 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	06 Sep 2023
		1	1	1.5	1.5	0.5	0.5	0.5	2.5	2.5	1.5
Metals											
Aluminium	mg/kg	6,990	---	34,800	---	18,600	---	---	11,400	---	7,430
Antimony	mg/kg	1.99	---	1.02	---	9.27	---	---	13.5	---	<6
Arsenic	mg/kg	7.94	---	62.8	---	31.9	---	---	8.77	---	<6
Barium	mg/kg	1,610	---	265	---	942	---	---	1,240	---	842
Beryllium	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron	mg/kg	<1	---	14.1	---	2.62	---	---	1.79	---	2.57
Boron (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cadmium	mg/kg	<0.02	---	<0.02	---	3.12	---	---	<0.2	---	<0.2
Calcium	mg/kg	288,000	---	159,000	---	186,000	---	---	245,000	---	237,000
Chromium (hexavalent)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	mg/kg	1.14	---	<0.6	---	<0.6	---	---	1.01	---	0.967
Chromium	mg/kg	1,400	---	228	---	1,080	---	---	2,190	---	990
Chromium (Trivalent)	mg/kg	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	17.8	---	45.4	---	125	---	---	58.7	---	31.2
Iron	mg/kg	84,900	---	56,800	---	89,800	---	---	135,000	---	95,700
Lead	mg/kg	10.1	---	46.1	---	613	---	---	79.8	---	25.6
Magnesium	mg/kg	29,100	---	18,600	---	38,100	---	---	40,100	---	35,800
Manganese	mg/kg	37,400	---	81,200	---	23,000	---	---	31,600	---	32,100
Mercury	mg/kg	<0.1	---	<0.1	---	<1	---	---	<1	---	<1
Molybdenum	mg/kg	1.26	---	10.3	---	3.41	---	---	9.44	---	2.39
Nickel	mg/kg	4.84	---	41.2	---	39.1	---	---	12.2	---	12.7
Potassium	mg/kg	409	---	1,440	---	1,080	---	---	558	---	392
Selenium	mg/kg	15	---	38.4	---	15.3	---	---	21.4	---	21.8
Silicon	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium	mg/kg	344	---	826	---	603	---	---	293	---	363
Tin	mg/kg	---	---	---	---	---	---	---	---	---	---
Titanium	mg/kg	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	4,420	---	618	---	2,180	---	---	2,860	---	2,300
Zinc	mg/kg	20.4	---	174	---	809	---	---	253	---	84.8
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	<12	---	<12	---	<12	---	---	<12	---	<12
Nitrite (as N)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloride	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloride (filtered)	mg/kg	50	---	122	---	47.1	---	---	43.1	---	32.6
Nitrogen (Total Oxidised) (filtered)	mg/kg	13.2	---	3.11	---	15.6	---	---	12.3	---	1.91
Cyanide (Free)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free) (filtered)	mg/kg	<1	---	<1	---	<1	---	---	<1	---	<1
Cyanide Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total (filtered)	mg/kg	<1	---	<1	---	1.24	---	---	<1	---	<1
Cyanide (Complex)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex) (filtered)	mg/kg	<1	---	<1	---	1.23	---	---	<1	---	<1
Nitrate (as NO3-)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/kg	11	---	1.83	---	9.15	---	---	7.95	---	1.72
Nitrite (as NO2-)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/kg	1.64	---	0.94	---	4.82	---	---	3.21	---	0.14
Sulphate	mg/kg	2,010	---	23,400	---	5,030	---	---	3,370	---	2,550
Sulphate (2:1 Water Soluble) as SO4	mg/L	15.1	---	1,380	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	133	---	---	36.2	---	27.5
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	12.2	---	10.5	---	12.1	---	---	12.4	---	12.6
Sulphur as S	%	0.067	---	0.78	---	0.168	---	---	0.112	---	0.0849
Sulphur (free)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphide	mg/kg	56.4	---	269	---	86.8	---	---	19.9	---	18.9
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	mg/kg	<1	---	<1	---	<1	---	---	<1	---	<1
Ortho phosphate as PO4	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/kg	<1	---	<1	---	<1	---	---	<1	---	<1
Orthophosphate as P	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluoride	mg/kg	3,050	---	539	---	1,770	---	---	1,480	---	1,050
Other											
Organic Matter	%	---	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	0.0998	---	0	---	0.0202	---	---	0.0992	---	0.179
Acid Reserve	gNaOH/100g	0	---	0	---	0	---	---	0	---	0
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	2.9	---	9.7	---	11	---	---	5.7	---	3.5
TPH CWG											
>C5-C6 Aliphatics	mg/kg	<0.01	---	0.0666	---	<0.01	---	---	<0.01	---	<0.01
>C6-C8 Aliphatics	mg/kg	<0.01	---	0.24	---	<0.01	---	---	<0.01	---	<0.01
>C5-C10 Aliphatics	mg/kg	<0.05	---	0.379	---	<0.05	---	---	<0.05	---	<0.05



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		FOU_AUK_TP122	FOU_AUK_TP122	FOU_AUK_TP123	FOU_AUK_TP123	FOU_AUK_TP136	FOU_AUK_TP136	FOU_AUK_TP136	FOU_AUK_TP137	FOU_AUK_TP137
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		704949	704949	704949	704949	704774	704774	704774	704774	704774
		31 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023
		1	1	1.5	1.5	0.5	0.5	0.5	2.5	2.5
		1	1	1.5	1.5	0.5	0.5	0.5	2.5	2.5
>C8-C10 Aliphatics	mg/kg	<0.01	---	0.0722	---	<0.01	---	---	<0.01	<0.01
>C10-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	<1	---	<1	---	<1	---	---	<1	<1
>C10-C40 Aliphatics	mg/kg	24.1	---	131	---	209	---	---	40.7	19.2
>C12-C16 Aliphatics	mg/kg	<1	---	4.39	---	<1	---	---	<1	<1
>C16-C21 Aliphatics	mg/kg	3.03	---	18.7	---	32.2	---	---	3.18	<1
>C16-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics	mg/kg	15	---	92.8	---	127	---	---	27.5	15.2
>C35-C44 Aliphatics	mg/kg	6.02	---	15.1	---	49.1	---	---	9.97	3.98
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	<0.05	---	<0.05	---	<0.05	---	---	<0.05	<0.05
>EC5-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	<0.01	---	<0.01	---	<0.01	---	---	<0.01	<0.01
>EC10-EC44 Aromatics	mg/kg	<5	---	17.5	---	46.8	---	---	12.1	<5
>EC8-EC10 Aromatics	mg/kg	<0.01	---	0.0488	---	<0.01	---	---	<0.01	<0.01
>EC6-EC7 Aromatics	mg/kg	<0.01	---	<0.01	---	<0.01	---	---	<0.01	<0.01
>EC10-EC12 Aromatics	mg/kg	<1	---	<1	---	<1	---	---	<1	<1
>EC12-EC16 Aromatics	mg/kg	<1	---	<1	---	<1	---	---	<1	<1
>EC16-EC21 Aromatics	mg/kg	<1	---	1.38	---	3.86	---	---	1.3	<1
>EC40-EC44 Aromatics	mg/kg	<1	---	<1	---	<1	---	---	<1	<1
>EC21-EC35 Aromatics	mg/kg	2	---	14.9	---	40.6	---	---	9.46	<1
>EC35-EC44 Aromatics	mg/kg	<1	---	1.04	---	2.17	---	---	<1	<1
Total Aliphatics & Aromatics >C10-C44	mg/kg	27.7	---	149	---	256	---	---	52.8	20.4
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	24.1	---	149	---	256	---	---	52.8	19.2
TPH										
EPH >C10-40	mg/kg	---	---	---	---	---	---	---	---	---
GRO	mg/kg	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	<0.02	---	0.379	---	<0.02	---	---	<0.02	<0.02
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---
BTEX and MTBE										
Benzene	mg/kg	<0.001	---	<0.001	---	<0.001	---	---	<0.001	<0.001
Toluene	mg/kg	0.00194	---	0.0085	---	<0.001	---	---	0.00223	0.00633
Ethylbenzene	mg/kg	<0.001	---	<0.001	---	<0.001	---	---	<0.001	<0.001
Xylene (m & p)	mg/kg	<0.002	---	<0.002	---	<0.002	---	---	<0.002	<0.002
Xylene (o)	mg/kg	<0.002	---	<0.002	---	<0.002	---	---	<0.002	<0.002
Xylene Total	mg/kg	<0.02	---	<0.02	---	<0.02	---	---	<0.02	<0.02
MTBE	mg/kg	<0.0005	---	<0.0005	---	<0.0005	---	---	<0.0005	<0.0005
Total BTEX	mg/kg	<0.007	---	0.0085	---	<0.007	---	---	<0.007	<0.007
PAH										
Coronene	mg/kg	<0.2	---	<0.2	---	<0.2	---	---	<0.2	<0.2
Naphthalene	mg/kg	<0.008	0.0663	<0.008	0.0266	0.0102	<0.1	0.0181	<0.008	0.018
Acenaphthene	mg/kg	<0.1	---	<0.008	0.00983	<0.008	---	---	<0.008	<0.008
Acenaphthylene	mg/kg	<0.012	---	<0.1	0.0344	<0.012	---	---	<0.012	<0.012
Fluoranthene	mg/kg	<0.1	0.111	0.67	0.768	0.879	0.466	---	0.11	0.354
Anthracene	mg/kg	<0.016	---	<0.1	0.0558	<0.1	0.0335	---	<0.016	<0.016
Phenanthrene	mg/kg	<0.1	0.116	0.279	0.266	0.302	0.201	---	<0.1	0.0932
Fluorene	mg/kg	<0.01	---	<0.1	0.012	<0.01	---	---	<0.01	<0.01
Chrysene	mg/kg	<0.1	0.0424	0.403	0.394	0.599	0.304	---	<0.1	0.124
Pyrene	mg/kg	<0.1	0.0779	0.645	0.732	0.823	0.427	---	<0.1	0.24
Benzo(a)anthracene	mg/kg	<0.1	0.0383	0.314	0.403	0.608	0.233	---	<0.1	0.105
Benzo(b)fluoranthene	mg/kg	<0.1	0.0476	0.212	0.455	0.472	0.367	---	<0.1	0.11
Benzo(k)fluoranthene	mg/kg	<0.1	0.0219	0.33	0.185	0.559	0.122	---	<0.1	0.0434
Benzo(b+k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	<0.1	0.0263	0.229	0.287	0.445	0.193	---	<0.1	0.0504
Dibenz(a,h)anthracene	mg/kg	<0.023	---	<0.1	0.0478	<0.1	0.0377	---	<0.023	<0.023
Benzo(g,h,i)perylene	mg/kg	<0.024	---	0.197	0.223	0.33	0.214	---	<0.1	0.055
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.1	0.0211	0.196	0.202	0.353	0.183	---	<0.1	0.0502
PAH 16 Total	mg/kg	0.569	---	4.1	---	2.8	---	---	1.24	---
PAH 17 Total	mg/kg	0.57	---	4.1	---	2.8	---	---	1.24	<0.318
Phenolics										
Total Phenols (monohydric)	mg/kg	---	---	---	---	---	---	---	---	---
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---
Xylenols	mg/kg	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	<0.1
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---
VOC										
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	<0.002	---	<0.002	---	<0.002	---	---	<0.002	<0.002
cis-1,3-dichloropropene	mg/kg	<0.0005	---	<0.0005	---	<0.0005	---	---	<0.0005	<0.0005
trans-1,3-dichloropropene	mg/kg	<0.001	---	<0.001	---	<0.001	---	---	<0.001	<0.001



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		FOU_AUK_TP122	FOU_AUK_TP122	FOU_AUK_TP123	FOU_AUK_TP123	FOU_AUK_TP136	FOU_AUK_TP136	FOU_AUK_TP136	FOU_AUK_TP136	FOU_AUK_TP137	FOU_AUK_TP137
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		704949	704949	704949	704949	704774	704774	704774	704774	704774	705778
		31 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	06 Sep 2023
		1	1	1.5	1.5	0.5	0.5	0.5	2.5	2.5	1.5
1,1,1,2-tetrachloroethane	mg/kg	<0.001	---	<0.001	---	<0.001	---	---	<0.001	---	<0.001
1,1,1-trichloroethane	mg/kg	<0.0005	---	<0.0005	---	<0.0005	---	---	<0.0005	---	<0.0005
1,1,2,2-tetrachloroethane	mg/kg	<0.002	---	<0.002	---	<0.002	---	---	<0.002	---	<0.002
1,1,2-trichloroethane	mg/kg	<0.001	---	<0.001	---	<0.001	---	---	<0.001	---	<0.001
1,1-dichloroethane	mg/kg	<0.0005	---	<0.0005	---	<0.0005	---	---	<0.0005	---	<0.0005
1,1-dichloroethene	mg/kg	<0.0005	---	<0.0005	---	<0.0005	---	---	<0.0005	---	<0.0005
1,1-dichloropropene	mg/kg	<0.0005	---	<0.0005	---	<0.0005	---	---	<0.0005	---	<0.0005
1,2,3-trichloropropane	mg/kg	<0.002	---	<0.002	---	<0.002	---	---	<0.002	---	<0.002
1,2,4-trimethylbenzene	mg/kg	<0.003	---	<0.003	---	<0.003	---	---	<0.003	---	<0.003
1,2-dibromo-3-chloropropane	mg/kg	<0.002	---	<0.002	---	<0.002	---	---	<0.002	---	<0.002
1,2-dibromoethane	mg/kg	<0.001	---	<0.001	---	<0.001	---	---	<0.001	---	<0.001
1,2-dichloroethane	mg/kg	<0.001	---	<0.001	---	<0.001	---	---	<0.001	---	<0.001
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	<0.0005	---	<0.0005	---	<0.0005	---	---	<0.0005	---	<0.0005
1,3,5-trimethylbenzene	mg/kg	<0.002	---	<0.002	---	<0.002	---	---	<0.002	---	<0.002
1,3-dichloropropane	mg/kg	<0.001	---	<0.001	---	<0.001	---	---	<0.001	---	<0.001
2,2-dichloropropane	mg/kg	<0.001	---	<0.001	---	<0.001	---	---	<0.001	---	<0.001
Trihalomethanes	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	<0.003	---	<0.003	---	<0.003	---	---	<0.003	---	<0.003
4-chlorotoluene	mg/kg	<0.003	---	<0.003	---	<0.003	---	---	<0.003	---	<0.003
Bromobenzene	mg/kg	<0.002	---	<0.002	---	<0.002	---	---	<0.002	---	<0.002
Bromochloromethane	mg/kg	<0.002	---	<0.002	---	<0.002	---	---	<0.002	---	<0.002
Bromodichloromethane	mg/kg	<0.002	---	<0.002	---	<0.002	---	---	<0.002	---	<0.002
Bromoform	mg/kg	<0.005	---	<0.005	---	<0.0055	---	---	<0.002	---	<0.002
Bromomethane	mg/kg	<0.001	---	<0.001	---	<0.001	---	---	<0.001	---	<0.001
Carbon disulfide	mg/kg	<0.001	---	0.00121	---	<0.001	---	---	<0.001	---	<0.001
Carbon tetrachloride	mg/kg	<0.0005	---	<0.0005	---	<0.0005	---	---	<0.0005	---	<0.0005
Chlorodibromomethane	mg/kg	<0.002	---	<0.002	---	<0.002	---	---	<0.002	---	<0.002
Chloroethane	mg/kg	<0.001	---	<0.001	---	<0.001	---	---	<0.001	---	<0.001
Chloroform	mg/kg	<0.003	---	<0.003	---	<0.003	---	---	<0.003	---	<0.003
Chloromethane	mg/kg	<0.002	---	<0.002	---	<0.002	---	---	<0.002	---	<0.002
cis-1,2-dichloroethene	mg/kg	<0.0005	---	<0.0005	---	<0.0005	---	---	<0.0005	---	<0.0005
Dibromomethane	mg/kg	<0.001	---	<0.001	---	<0.001	---	---	<0.001	---	<0.001
Dichlorodifluoromethane	mg/kg	<0.0005	---	<0.0005	---	<0.0005	---	---	<0.0005	---	<0.0005
Dichloromethane	mg/kg	<0.005	---	<0.005	---	<0.005	---	---	<0.005	---	<0.005
Isopropylbenzene	mg/kg	<0.002	---	<0.002	---	<0.002	---	---	<0.002	---	<0.002
n-butylbenzene	mg/kg	<0.003	---	<0.003	---	<0.003	---	---	<0.003	---	<0.003
n-propylbenzene	mg/kg	<0.002	---	<0.002	---	<0.002	---	---	<0.002	---	<0.002
p-isopropyltoluene	mg/kg	<0.002	---	<0.002	---	<0.002	---	---	<0.002	---	<0.002
sec-butylbenzene	mg/kg	<0.001	---	<0.001	---	<0.001	---	---	<0.001	---	<0.001
Trichloroethene	mg/kg	<0.001	---	<0.001	---	<0.001	---	---	<0.001	---	<0.001
tert-butylbenzene	mg/kg	<0.002	---	<0.002	---	<0.002	---	---	<0.002	---	<0.002
Tetrachloroethene	mg/kg	<0.002	---	<0.002	---	<0.002	---	---	<0.002	---	<0.002
trans-1,2-dichloroethene	mg/kg	<0.001	---	<0.001	---	<0.001	---	---	<0.001	---	<0.001
Trichlorofluoromethane	mg/kg	<0.0005	---	<0.0005	---	<0.0005	---	---	<0.0005	---	0.00196
Vinyl chloride	mg/kg	<0.0005	---	<0.0005	---	<0.0005	---	---	<0.0005	---	<0.0005
tert-Amyl methyl ether	mg/kg	<0.001	---	<0.001	---	<0.001	---	---	<0.001	---	<0.001
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	<0.01	---	<0.01	---	<0.01	---	---	<0.01	---	<0.01
1,2,4-trichlorobenzene	mg/kg	<0.007	---	<0.007	---	<0.007	---	---	<0.007	---	<0.007
1,2-dichlorobenzene	mg/kg	<0.005	---	<0.005	---	<0.005	---	---	<0.005	---	<0.005
1,3-dichlorobenzene	mg/kg	<0.005	---	<0.005	---	<0.005	---	---	<0.005	---	<0.005
1,4-dichlorobenzene	mg/kg	<0.005	---	<0.005	---	<0.005	---	---	<0.005	---	<0.005
Chlorobenzene	mg/kg	<0.002	---	<0.002	---	<0.002	---	---	<0.002	---	<0.002
Hexachlorobutadiene	mg/kg	<0.004	---	<0.004	---	<0.004	---	---	<0.004	---	<0.004
Trichlorobenzene (total)	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC											
1,4-dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzyl alcohol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
4-nitroaniline	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
4-nitrophenol	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
1,2-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
2,4,6-trichlorophenol	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
2,4-dichlorophenol	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
2,4-dimethylphenol	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
2,4-dinitrotoluene	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
2,6-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,6-Dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		FOU_AUK_TP122	FOU_AUK_TP122	FOU_AUK_TP123	FOU_AUK_TP123	FOU_AUK_TP136	FOU_AUK_TP136	FOU_AUK_TP136	FOU_AUK_TP137	FOU_AUK_TP137	FOU_AUK_TP138
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		704949	704949	704949	704949	704774	704774	704774	704774	704774	705778
		31 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	06 Sep 2023
		1	1	1.5	1.5	0.5	0.5	0.5	2.5	2.5	1.5
	Unit										
2,6-dinitrotoluene	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
2-chloronaphthalene	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
2-chlorophenol	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
2-methylnaphthalene	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
2-methylphenol	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
2-nitroaniline	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
2-nitrophenol	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
3-nitroaniline	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
4-chloroaniline	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
4-chlorophenyl phenyl ether	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
4-methylphenol	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
Aniline	mg/kg	---	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
Bis(2-chloroethoxy) methane	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
Bis(2-chloroethyl)ether	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
Bis(2-chloroisopropyl) ether	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
Bis(2-ethylhexyl) phthalate	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
Butyl benzyl phthalate	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
Carbazole	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
Dibenzofuran	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
Diethylphthalate	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
Dimethyl phthalate	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
Di-n-butyl phthalate	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
Di-n-octyl phthalate	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
Diphenylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
Hexachlorocyclopentadiene	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
Hexachloroethane	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
Isophorone	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
Nitrobenzene	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
N-nitrosodi-n-propylamine	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
Pentachlorophenol	mg/kg	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---	<0.1
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pesticides											
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		FOU_AUK_TP122	FOU_AUK_TP122	FOU_AUK_TP123	FOU_AUK_TP123	FOU_AUK_TP136	FOU_AUK_TP136	FOU_AUK_TP136	FOU_AUK_TP136	FOU_AUK_TP137	FOU_AUK_TP137
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		704949	704949	704949	704949	704774	704774	704774	704774	704774	705778
		31 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	06 Sep 2023
		1	1	1.5	1.5	0.5	0.5	0.5	2.5	2.5	1.5
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	---	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		FOU_AUK_TP138	FOU_AUK_TP139	FOU_AUK_TP139	FOU_AUK_TP140	FOU_AUK_TP140	FOU_AUK_TP144	FOU_AUK_TP144	FOU_AUK_TP144	FOU_AUK_TP145
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		705778	705777	705777	705777	705777	704774	704774	704774	705778
		06 Sep 2023	05 Sep 2023	05 Sep 2023	05 Sep 2023	05 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	06 Sep 2023
		1.5	1	1	1	1	4.4	4.4	4.4	3
		3	3							
Metals										
Aluminium	mg/kg	---	17,900	---	31,000	---	9,460	---	---	---
Antimony	mg/kg	---	<6	---	0.904	---	7.57	---	---	---
Arsenic	mg/kg	---	7.73	---	16.1	---	35.3	---	---	---
Barium	mg/kg	---	621	---	626	---	408	---	---	---
Beryllium	mg/kg	---	---	---	---	---	---	---	---	---
Boron	mg/kg	---	<1	---	2.55	---	7.29	---	---	---
Boron (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Cadmium	mg/kg	---	<0.2	---	0.128	---	<0.02	---	---	---
Calcium	mg/kg	---	226,000	---	177,000	---	114,000	---	---	---
Chromium (hexavalent)	mg/kg	---	---	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	mg/kg	---	1.87	---	<0.6	---	<0.6	---	<0.6	---
Chromium	mg/kg	---	785	---	340	---	934	---	---	---
Chromium (Trivalent)	mg/kg	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	30.8	---	49.3	---	168	---	---	---
Iron	mg/kg	---	106,000	---	68,900	---	88,900	---	---	---
Lead	mg/kg	---	54.4	---	73.5	---	450	---	---	---
Magnesium	mg/kg	---	19,500	---	26,400	---	29,700	---	---	---
Manganese	mg/kg	---	27,000	---	12,000	---	15,200	---	---	---
Mercury	mg/kg	---	<1	---	<0.1	---	1.19	---	---	---
Molybdenum	mg/kg	---	5.2	---	2.01	---	4.65	---	---	---
Nickel	mg/kg	---	12.3	---	17.1	---	25.3	---	---	---
Potassium	mg/kg	---	865	---	1,930	---	1,340	---	---	---
Selenium	mg/kg	---	19.9	---	6.79	---	7.49	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---	---
Sodium	mg/kg	---	568	---	1,030	---	875	---	---	---
Tin	mg/kg	---	---	---	---	---	---	---	---	---
Titanium	mg/kg	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	---	2,060	---	896	---	1,090	---	---	---
Zinc	mg/kg	---	125	---	342	---	447	---	---	---
Inorganics										
Ammoniacal Nitrogen as N	mg/kg	---	<12	---	<12	---	152	---	---	<12
Nitrite (as N)	mg/kg	---	---	---	---	---	---	---	---	---
Chloride	mg/kg	---	---	---	---	---	---	---	---	---
Chloride (filtered)	mg/kg	---	41.3	---	63.7	---	477	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	1.69	---	3.02	---	1.4	---	---	---
Cyanide (Free)	mg/kg	---	---	---	---	---	---	---	---	---
Cyanide (Free) (filtered)	mg/kg	---	<1	---	<1	---	<1	---	<1	---
Cyanide Total	mg/kg	---	---	---	---	---	---	---	---	---
Cyanide Total (filtered)	mg/kg	---	<1	---	<1	---	<1	---	<1	---
Cyanide (Complex)	mg/kg	---	---	---	---	---	---	---	---	---
Cyanide (Complex) (filtered)	mg/kg	---	<1	---	<1	---	<1	---	<1	---
Nitrate (as NO3-)	mg/kg	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/kg	---	<1	---	2.44	---	1.13	---	---	---
Nitrite (as NO2-)	mg/kg	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/kg	---	1.19	---	0.43	---	0.2	---	---	---
Sulphate	mg/kg	---	7,320	---	7,400	---	5,850	---	---	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	---	---	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	29.1	---	225	---	438	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	12.6	---	10.6	---	10.6	---	---	---
Sulphur as S	%	---	0.244	---	0.247	---	0.195	---	---	---
Sulphur (free)	mg/kg	---	---	---	---	---	---	---	---	---
Sulphide	mg/kg	---	38.5	---	148	---	393	---	294	---
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	mg/kg	---	<1	---	<1	---	4.61	---	<1	---
Ortho phosphate as PO4	mg/kg	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/kg	---	<1	---	<1	---	<1	---	---	---
Orthophosphate as P	mg/kg	---	---	---	---	---	---	---	---	---
Fluoride	mg/kg	---	621	---	886	---	981	---	---	---
Other										
Organic Matter	%	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	0.924	---	0	---	0	---	---	---
Acid Reserve	gNaOH/100g	---	0	---	0	---	0	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---
Moisture	%	---	6.2	---	6.4	---	31	---	---	7.2
TPH CWG										
>C5-C6 Aliphatics	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	---	0.351
>C6-C8 Aliphatics	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	---	6.56
>C5-C10 Aliphatics	mg/kg	---	<0.05	---	<0.05	---	<0.05	---	---	37.2



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		FOU_AUK_TP138	FOU_AUK_TP139	FOU_AUK_TP139	FOU_AUK_TP140	FOU_AUK_TP140	FOU_AUK_TP144	FOU_AUK_TP144	FOU_AUK_TP144	FOU_AUK_TP145	FOU_AUK_TP145
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		705778	705777	705777	705777	705777	704774	704774	704774	705778	705778
		06 Sep 2023	05 Sep 2023	05 Sep 2023	05 Sep 2023	05 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	06 Sep 2023	06 Sep 2023
		1.5	1	1	1	1	4.4	4.4	4.4	3	3
>C8-C10 Aliphatics	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	---	30.3	---
>C10-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	---	<1	---	<1	---	<5	---	---	232	---
>C10-C40 Aliphatics	mg/kg	---	49.3	---	124	---	4,920	---	---	14,700	---
>C12-C16 Aliphatics	mg/kg	---	<1	---	<1	---	26.8	---	---	635	---
>C16-C21 Aliphatics	mg/kg	---	6.65	---	15.3	---	775	---	---	1,780	---
>C16-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics	mg/kg	---	37.1	---	65.5	---	2,660	---	---	8,430	---
>C35-C44 Aliphatics	mg/kg	---	5.14	---	42.4	---	1,450	---	---	3,620	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	<0.05	---	<0.05	---	<0.05	---	---	20.3	---
>EC5-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	---	0.101	---
>EC10-EC44 Aromatics	mg/kg	---	8.97	---	67.9	---	777	---	---	3,300	---
>EC8-EC10 Aromatics	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	---	20.2	---
>EC6-EC7 Aromatics	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	---	<0.1	---
>EC10-EC12 Aromatics	mg/kg	---	<1	---	<1	---	<5	---	---	119	---
>EC12-EC16 Aromatics	mg/kg	---	<1	---	<1	---	11.2	---	---	472	---
>EC16-EC21 Aromatics	mg/kg	---	2.04	---	3.34	---	202	---	---	631	---
>EC40-EC44 Aromatics	mg/kg	---	<1	---	2.08	---	<5	---	---	<10	---
>EC21-EC35 Aromatics	mg/kg	---	5.93	---	59.6	---	550	---	---	2,040	---
>EC35-EC44 Aromatics	mg/kg	---	<1	---	4.92	---	13.4	---	---	37.9	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	58.2	---	191	---	5,690	---	---	18,000	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	58.2	---	191	---	5,690	---	---	18,100	---
TPH											
EPH >C10-40	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	<0.02	---	<0.02	---	<0.02	---	---	57.5	---
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	---	<0.001	---	<0.02	---	<0.02	---	---	<0.02	---
Toluene	mg/kg	---	<0.001	---	<0.02	---	<0.02	---	---	<0.02	---
Ethylbenzene	mg/kg	---	<0.001	---	<0.02	---	<0.02	---	---	<0.02	---
Xylene (m & p)	mg/kg	---	<0.002	---	<0.04	---	<0.04	---	---	<0.04	---
Xylene (o)	mg/kg	---	<0.002	---	<0.04	---	<0.04	---	---	0.159	---
Xylene Total	mg/kg	---	<0.02	---	<0.4	---	<0.4	---	---	<0.4	---
MTBE	mg/kg	---	<0.0005	---	<0.01	---	<0.01	---	---	<0.01	---
Total BTEX	mg/kg	---	<0.007	---	<0.14	---	<0.14	---	---	0.159	---
PAH											
Coronene	mg/kg	---	<0.2	---	<0.2	---	0.548	---	---	<2	---
Naphthalene	mg/kg	0.0162	<0.008	0.0217	<0.16	0.121	<0.16	0.464	0.25	<0.16	2.27
Acenaphthene	mg/kg	---	<0.1	0.012	<0.04	---	<0.1	0.192	---	<5	2.47
Acenaphthylene	mg/kg	---	<0.012	---	<0.06	---	<0.1	0.132	---	<0.24	---
Fluoranthene	mg/kg	0.0332	0.542	0.75	0.536	1.18	3.05	6.85	---	<5	5.74
Anthracene	mg/kg	---	<0.1	0.0458	<0.5	0.115	0.272	0.527	---	<5	2.22
Phenanthrene	mg/kg	0.0244	0.286	0.41	<0.5	0.624	1.36	2.74	---	10.1	11
Fluorene	mg/kg	---	<0.01	---	<0.05	---	0.228	0.561	---	<5	2.17
Chrysene	mg/kg	0.0165	0.35	0.423	<0.5	0.563	1.1	1.47	---	11.2	10.3
Pyrene	mg/kg	0.0243	0.474	0.599	<0.5	0.961	2.51	6.17	---	6.34	8.02
Benzo(a)anthracene	mg/kg	0.0174	0.256	0.299	<0.5	0.58	0.898	1.18	---	6.47	6.81
Benzo(b)fluoranthene	mg/kg	0.024	0.229	0.492	<0.5	0.739	0.868	2.49	---	<5	5.37
Benzo(k)fluoranthene	mg/kg	---	0.247	0.17	<0.5	0.309	0.876	0.81	---	<5	1.83
Benzo(b+k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	---	0.249	0.304	<0.5	0.528	0.813	1.27	---	<5	6.23
Dibenz(a,h)anthracene	mg/kg	---	<0.1	0.0491	<0.115	---	<0.1	---	---	<5	0.932
Benzo(g,h,i)perylene	mg/kg	---	0.248	0.274	<0.5	0.424	0.946	1.58	---	<5	3.73
Indeno(1,2,3-c,d)pyrene	mg/kg	---	0.195	0.238	<0.5	0.398	0.966	1.42	---	<5	2.84
PAH 16 Total	mg/kg	---	4.09	---	6.54	---	27.6	---	---	72	---
PAH 17 Total	mg/kg	---	4.09	---	6.54	---	28.2	---	---	72	---
Phenolics											
Total Phenols (monohydric)	mg/kg	---	---	---	---	---	---	---	---	---	---
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---	---
Xylenols	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	---	<0.002	---	<0.04	---	<0.04	---	---	<0.04	---
cis-1,3-dichloropropene	mg/kg	---	<0.0005	---	<0.01	---	<0.01	---	---	<0.01	---
trans-1,3-dichloropropene	mg/kg	---	<0.001	---	<0.02	---	<0.02	---	---	<0.02	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		FOU_AUK_TP138	FOU_AUK_TP139	FOU_AUK_TP139	FOU_AUK_TP140	FOU_AUK_TP140	FOU_AUK_TP144	FOU_AUK_TP144	FOU_AUK_TP144	FOU_AUK_TP145	FOU_AUK_TP145
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		705778	705777	705777	705777	705777	704774	704774	704774	705778	705778
		06 Sep 2023	05 Sep 2023	05 Sep 2023	05 Sep 2023	05 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	06 Sep 2023	06 Sep 2023
		1.5	1	1	1	1	4.4	4.4	4.4	3	3
1,1,1,2-tetrachloroethane	mg/kg	---	<0.001	---	<0.02	---	<0.02	---	---	<0.02	---
1,1,1-trichloroethane	mg/kg	---	<0.0005	---	<0.01	---	<0.01	---	---	<0.01	---
1,1,2,2-tetrachloroethane	mg/kg	---	<0.002	---	<0.04	---	<0.04	---	---	<0.04	---
1,1,2-trichloroethane	mg/kg	---	<0.001	---	<0.02	---	<0.02	---	---	<0.02	---
1,1-dichloroethane	mg/kg	---	<0.0005	---	<0.01	---	<0.01	---	---	<0.01	---
1,1-dichloroethene	mg/kg	---	<0.0005	---	<0.01	---	<0.01	---	---	<0.01	---
1,1-dichloropropene	mg/kg	---	<0.0005	---	<0.01	---	<0.01	---	---	<0.01	---
1,2,3-trichloropropane	mg/kg	---	<0.002	---	<0.04	---	<0.04	---	---	<0.04	---
1,2,4-trimethylbenzene	mg/kg	---	<0.003	---	<0.06	---	<0.06	---	---	<0.06	---
1,2-dibromo-3-chloropropane	mg/kg	---	<0.002	---	<0.04	---	<0.04	---	---	<0.04	---
1,2-dibromoethane	mg/kg	---	<0.001	---	<0.02	---	<0.02	---	---	<0.02	---
1,2-dichloroethane	mg/kg	---	<0.001	---	<0.02	---	<0.02	---	---	<0.02	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	<0.0005	---	<0.01	---	<0.01	---	---	<0.01	---
1,3,5-trimethylbenzene	mg/kg	---	<0.002	---	<0.04	---	<0.04	---	---	0.196	---
1,3-dichloropropane	mg/kg	---	<0.001	---	<0.02	---	<0.02	---	---	<0.02	---
2,2-dichloropropane	mg/kg	---	<0.001	---	<0.02	---	<0.02	---	---	<0.02	---
Trihalomethanes	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	<0.003	---	<0.06	---	<0.06	---	---	<0.06	---
4-chlorotoluene	mg/kg	---	<0.003	---	<0.06	---	<0.06	---	---	<0.06	---
Bromobenzene	mg/kg	---	<0.002	---	<0.04	---	<0.04	---	---	<0.04	---
Bromochloromethane	mg/kg	---	<0.002	---	<0.04	---	<0.04	---	---	<0.04	---
Bromodichloromethane	mg/kg	---	<0.002	---	<0.04	---	<0.04	---	---	<0.04	---
Bromoform	mg/kg	---	<0.002	---	<0.04	---	<0.04	---	---	<0.09	---
Bromomethane	mg/kg	---	<0.001	---	<0.02	---	<0.02	---	---	<0.02	---
Carbon disulfide	mg/kg	---	<0.001	---	<0.02	---	0.0417	---	---	<0.02	---
Carbon tetrachloride	mg/kg	---	<0.0005	---	<0.01	---	<0.01	---	---	<0.01	---
Chlorodibromomethane	mg/kg	---	<0.002	---	<0.04	---	<0.04	---	---	<0.04	---
Chloroethane	mg/kg	---	<0.001	---	<0.02	---	<0.02	---	---	<0.02	---
Chloroform	mg/kg	---	<0.003	---	<0.06	---	<0.06	---	---	<0.06	---
Chloromethane	mg/kg	---	<0.002	---	<0.04	---	<0.04	---	---	<0.04	---
cis-1,2-dichloroethene	mg/kg	---	<0.0005	---	<0.01	---	<0.01	---	---	<0.01	---
Dibromomethane	mg/kg	---	<0.001	---	<0.02	---	<0.02	---	---	<0.02	---
Dichlorodifluoromethane	mg/kg	---	<0.0005	---	<0.01	---	<0.01	---	---	<0.01	---
Dichloromethane	mg/kg	---	<0.005	---	<0.1	---	<0.1	---	---	<0.1	---
Isopropylbenzene	mg/kg	---	<0.002	---	<0.04	---	<0.04	---	---	0.0654	---
n-butylbenzene	mg/kg	---	<0.003	---	<0.06	---	<0.06	---	---	<0.06	---
n-propylbenzene	mg/kg	---	<0.002	---	<0.04	---	<0.04	---	---	<0.04	---
p-isopropyltoluene	mg/kg	---	<0.002	---	<0.04	---	<0.04	---	---	<0.04	---
sec-butylbenzene	mg/kg	---	<0.001	---	<0.02	---	<0.02	---	---	0.0555	---
Trichloroethene	mg/kg	---	<0.001	---	<0.02	---	<0.02	---	---	<0.02	---
tert-butylbenzene	mg/kg	---	<0.002	---	<0.04	---	<0.04	---	---	0.0473	---
Tetrachloroethene	mg/kg	---	<0.002	---	<0.04	---	<0.04	---	---	<0.04	---
trans-1,2-dichloroethene	mg/kg	---	<0.001	---	<0.02	---	<0.02	---	---	<0.02	---
Trichlorofluoromethane	mg/kg	---	<0.0005	---	<0.01	---	<0.01	---	---	<0.01	---
Vinyl chloride	mg/kg	---	<0.0005	---	<0.01	---	<0.01	---	---	<0.01	---
tert-Amyl methyl ether	mg/kg	---	<0.001	---	<0.02	---	<0.02	---	---	<0.02	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	<0.01	---	<0.2	---	<0.2	---	---	<0.2	---
1,2,4-trichlorobenzene	mg/kg	---	<0.007	---	<0.14	---	<0.1	---	---	<0.14	---
1,2-dichlorobenzene	mg/kg	---	<0.005	---	<0.1	---	<0.1	---	---	0.159	<5
1,3-dichlorobenzene	mg/kg	---	<0.005	---	<0.1	---	<0.1	---	---	<0.1	---
1,4-dichlorobenzene	mg/kg	---	<0.005	---	<0.1	---	<0.1	---	---	<0.1	---
Chlorobenzene	mg/kg	---	<0.002	---	<0.04	---	<0.04	---	---	<0.04	---
Hexachlorobutadiene	mg/kg	---	<0.004	---	<0.08	---	<0.08	---	---	<0.08	---
Trichlorobenzene (total)	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC											
1,4-dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzyl alcohol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
4-nitroaniline	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
4-nitrophenol	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
1,2-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
2,4,6-trichlorophenol	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
2,4-dichlorophenol	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
2,4-dimethylphenol	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
2,4-dinitrotoluene	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
2,6-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,6-Dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		FOU_AUK_TP138	FOU_AUK_TP139	FOU_AUK_TP139	FOU_AUK_TP140	FOU_AUK_TP140	FOU_AUK_TP144	FOU_AUK_TP144	FOU_AUK_TP144	FOU_AUK_TP145	FOU_AUK_TP145
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		705778	705777	705777	705777	705777	704774	704774	704774	705778	705778
		06 Sep 2023	05 Sep 2023	05 Sep 2023	05 Sep 2023	05 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	06 Sep 2023	06 Sep 2023
Depth		1.5	1	1	1	1	4.4	4.4	4.4	3	3
	Unit										
2,6-dinitrotoluene	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
2-chloronaphthalene	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
2-chlorophenol	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
2-methylnaphthalene	mg/kg	---	<0.1	---	<0.5	---	0.361	---	---	<5	---
2-methylphenol	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
2-nitroaniline	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
2-nitrophenol	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
3-nitroaniline	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
4-chloroaniline	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
4-chlorophenyl phenyl ether	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
4-methylphenol	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
Aniline	mg/kg	---	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
Bis(2-chloroethoxy) methane	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
Bis(2-chloroethyl)ether	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
Bis(2-chloroisopropyl) ether	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	<0.1	---	2.23	---	<0.1	---	---	<5	---
Butyl benzyl phthalate	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
Carbazole	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
Dibenzofuran	mg/kg	---	<0.1	---	<0.5	---	0.198	---	---	<5	---
Diethylphthalate	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
Dimethyl phthalate	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
Di-n-butyl phthalate	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
Di-n-octyl phthalate	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
Diphenylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
Hexachlorocyclopentadiene	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
Hexachloroethane	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
Isophorone	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
Nitrobenzene	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
N-nitrosodi-n-propylamine	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
Pentachlorophenol	mg/kg	---	<0.1	---	<0.5	---	<0.1	---	---	<5	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pesticides											
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		FOU_AUK_TP138	FOU_AUK_TP139	FOU_AUK_TP139	FOU_AUK_TP140	FOU_AUK_TP140	FOU_AUK_TP144	FOU_AUK_TP144	FOU_AUK_TP144	FOU_AUK_TP145	FOU_AUK_TP145
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		705778	705777	705777	705777	705777	704774	704774	704774	705778	705778
		06 Sep 2023	05 Sep 2023	05 Sep 2023	05 Sep 2023	05 Sep 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	06 Sep 2023	06 Sep 2023
		1.5	1	1	1	1	4.4	4.4	4.4	3	3
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	---	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH02	S1-BH02	S1-BH02	S1-BH03	S1-BH03
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		UNK	UNK	UNK	UNK	UNK	UNK	UNK	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12
		10 Oct 2017	10 Oct 2017	10 Oct 2017	10 Oct 2017	10 Oct 2017	20 Oct 2017	20 Oct 2017	25 Oct 2017	27 Oct 2017
		4 - 4	5 - 5	5.5 - 5.5	5.5 - 5.5	5.5 - 5.5	2.2 - 2.2	4.2 - 4.2	3.2 - 3.2	4.5 - 4.5
Metals										
Aluminium	mg/kg	---	---	8,000.00	---	---	---	---	---	---
Antimony	mg/kg	---	---	3.80	---	---	---	1.10	2.70	---
Arsenic	mg/kg	---	---	6.20	---	---	3.90	4.40	20.00	---
Barium	mg/kg	---	---	860.00	---	---	---	120.00	300.00	---
Beryllium	mg/kg	---	---	0.50	---	---	---	0.40	5.00	---
Boron	mg/kg	---	---	---	---	---	1.70	1.90	4.30	---
Boron (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Cadmium	mg/kg	---	---	<0.10	---	---	0.50	0.70	0.50	---
Calcium	mg/kg	---	---	---	---	---	---	---	---	---
Chromium (hexavalent)	mg/kg	---	---	<1.00	---	---	---	<1.00	<1.00	---
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	---	---	450.00	---	---	1,300.00	130.00	72.00	---
Chromium (Trivalent)	mg/kg	---	---	449	---	---	1,300	129	71	---
Copper	mg/kg	---	---	19.00	---	---	79.00	16.00	41.00	---
Iron	mg/kg	---	---	53,000.00	---	---	---	---	---	---
Lead	mg/kg	---	---	13.00	---	---	33.00	19.00	27.00	---
Magnesium	mg/kg	---	---	17,000.00	---	---	---	---	---	---
Manganese	mg/kg	---	---	16,000.00	---	---	---	---	---	---
Mercury	mg/kg	---	---	<0.05	---	---	<0.05	<0.05	0.19	---
Molybdenum	mg/kg	---	---	1.90	---	---	---	1.20	1.80	---
Nickel	mg/kg	---	---	5.10	---	---	17.00	7.60	12.00	---
Potassium	mg/kg	---	---	---	---	---	---	---	---	---
Selenium	mg/kg	---	---	---	---	---	---	---	---	---
Silicon	mg/kg	---	---	87,000.00	---	---	---	---	---	---
Sodium	mg/kg	---	---	---	---	---	---	---	---	---
Tin	mg/kg	---	---	---	---	---	---	---	---	---
Titanium	mg/kg	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	---	---	1,300.00	---	---	---	170.00	150.00	---
Zinc	mg/kg	---	---	37.00	---	---	88.00	63.00	120.00	---
Inorganics										
Ammoniacal Nitrogen as N	mg/kg	---	---	---	---	---	---	---	---	---
Nitrite (as N)	mg/kg	---	---	---	---	---	---	---	---	---
Chloride	mg/kg	---	---	---	---	---	---	---	---	---
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	---	<0.10	---	---	0.20	<0.10	<0.10	---
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	---	---	<0.10	---	---	0.20	0.30	0.70	---
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	---	---	<0.20	---	---	---	0.30	0.70	---
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	---	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	---	---	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	---	11.40	---	---	12.40	11.20	11.10	---
Sulphur as S	%	---	---	<0.000075	---	---	---	<0.000075	0.000380	---
Sulphur (free)	mg/kg	---	---	---	---	---	---	---	---	---
Sulphide	mg/kg	---	---	---	---	---	---	---	---	---
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	---	<0.60	---	---	---	<0.60	0.70	---
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	---	---	---	---	---	---	---	---	---
Fluoride	mg/kg	---	---	---	---	---	---	---	---	---
Other										
Organic Matter	%	---	---	0.80	---	---	8.40	5.00	7.70	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	0	0	---	---	<0	---	---	---	0.01
Moisture	%	---	---	---	---	---	---	---	---	---
TPH CWG										
>C5-C6 Aliphatics	mg/kg	---	---	<0.01	---	---	<0.01	<0.01	<0.01	---
>C6-C8 Aliphatics	mg/kg	---	---	<0.01	---	---	<0.01	<0.01	<0.01	---
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH02	S1-BH02	S1-BH02	S1-BH02	S1-BH03
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		UNK	UNK	UNK	UNK	UNK	UNK	UNK	UNK	20211022 ARC SSI1-SS12
		10 Oct 2017	10 Oct 2017	10 Oct 2017	10 Oct 2017	10 Oct 2017	20 Oct 2017	20 Oct 2017	20 Oct 2017	25 Oct 2017
		4 - 4	5 - 5	5.5 - 5.5	5.5 - 5.5	5.5 - 5.5	2.2 - 2.2	4.2 - 4.2	3.2 - 3.2	4.5 - 4.5
>C8-C10 Aliphatics	mg/kg	---	---	<0.01	---	---	<0.01	<0.01	<0.01	---
>C10-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	---	---	<1.50	---	---	<1.50	<1.50	<1.50	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	---	1.30	---	---	<1.20	<1.20	<1.20	---
>C16-C21 Aliphatics	mg/kg	---	---	<1.50	---	---	<1.50	<1.50	<1.50	---
>C16-C35 Aliphatics	mg/kg	---	---	<4.9	---	---	<4.9	<4.9	<4.9	---
>C21-C35 Aliphatics	mg/kg	---	---	<3.40	---	---	<3.40	<3.40	<3.40	---
>C35-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	<10.00	---	---	<10.00	<10.00	<10.00	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	---	<0.01	---	---	<0.01	<0.01	<0.01	---
>EC7-EC8 Aromatics	mg/kg	---	---	<0.01	---	---	<0.01	<0.01	<0.01	---
>EC10-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC8-EC10 Aromatics	mg/kg	---	---	<0.01	---	---	<0.01	<0.01	<0.01	---
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	---	<0.90	---	---	<0.90	<0.90	<0.90	---
>EC12-EC16 Aromatics	mg/kg	---	---	<0.50	---	---	<0.50	<0.50	<0.50	---
>EC16-EC21 Aromatics	mg/kg	---	---	<0.60	---	---	<0.60	<0.60	0.70	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	---	<1.40	---	---	<1.40	<1.40	<1.40	---
>EC35-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	<10.00	---	---	<10.00	<10.00	<10.00	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
TPH										
EPH >C10-40	mg/kg	---	---	---	---	---	---	---	---	---
GRO	mg/kg	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	---	---	---	---	---	---	---	---
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---
BTEX and MTBE										
Benzene	mg/kg	---	---	<0.01	---	---	---	---	---	---
Toluene	mg/kg	---	---	<0.01	---	---	---	---	---	---
Ethylbenzene	mg/kg	---	---	<0.01	---	---	---	---	---	---
Xylene (m & p)	mg/kg	---	---	<0.01	---	---	---	---	---	---
Xylene (o)	mg/kg	---	---	<0.01	---	---	---	---	---	---
Xylene Total	mg/kg	---	---	<0.02	---	---	---	---	---	---
MTBE	mg/kg	---	---	<0.01	---	---	---	---	---	---
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---
PAH										
Coronene	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	---	---	<0.03	0.01	---	0.29	0.23	0.03	---
Acenaphthene	mg/kg	---	---	<0.03	---	---	0.07	0.05	<0.03	---
Acenaphthylene	mg/kg	---	---	<0.03	---	---	0.07	0.07	<0.03	---
Fluoranthene	mg/kg	---	---	0.03	<0.10	---	0.74	0.76	0.08	---
Anthracene	mg/kg	---	---	<0.03	---	---	0.15	0.17	<0.03	---
Phenanthrene	mg/kg	---	---	<0.03	---	---	0.74	0.76	0.13	---
Fluorene	mg/kg	---	---	<0.03	---	---	0.09	0.07	<0.03	---
Chrysene	mg/kg	---	---	<0.03	---	---	0.34	0.30	<0.03	---
Pyrene	mg/kg	---	---	<0.03	---	---	0.57	0.56	0.06	---
Benzo(a)anthracene	mg/kg	---	---	<0.03	---	---	0.25	0.24	<0.03	---
Benzo(b)fluoranthene	mg/kg	---	---	<0.03	---	---	0.28	0.33	<0.03	---
Benzo(k)fluoranthene	mg/kg	---	---	<0.03	---	---	0.11	0.11	<0.03	---
Benzo(b+k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	---	---	<0.03	---	---	0.15	0.16	<0.03	---
Dibenz(a,h)anthracene	mg/kg	---	---	<0.03	---	---	0.03	0.04	<0.03	---
Benzo(g,h,i)perylene	mg/kg	---	---	<0.03	---	---	0.10	0.10	<0.03	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	<0.03	---	---	0.09	0.07	<0.03	---
PAH 16 Total	mg/kg	---	---	<0.10	---	---	4.10	4.00	0.30	---
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---
Phenolics										
Total Phenols (monohydric)	mg/kg	---	---	---	---	---	---	---	---	---
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	<0.10	---	---	---	---	---	---
Xylenols	mg/kg	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	---	<0.10	---	---	---	---	---	---
Phenols Monohydric	mg/kg	---	---	<0.30	---	---	<0.30	<0.30	<0.30	---
VOC										
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	<0.02	---	---	---	---	---	---
Styrene	mg/kg	---	---	<0.01	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	<0.01	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH02	S1-BH02	S1-BH02	S1-BH03	S1-BH03
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		UNK	UNK	UNK	UNK	UNK	UNK	UNK	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12
		10 Oct 2017	10 Oct 2017	10 Oct 2017	10 Oct 2017	10 Oct 2017	20 Oct 2017	20 Oct 2017	25 Oct 2017	27 Oct 2017
		4 - 4	5 - 5	5.5 - 5.5	5.5 - 5.5	5.5 - 5.5	2.2 - 2.2	4.2 - 4.2	3.2 - 3.2	4.5 - 4.5
1,1,1,2-tetrachloroethane	mg/kg	---	---	<0.01	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	<0.01	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	<0.01	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	<0.01	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	<0.01	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	0.01	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	<0.01	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	<0.01	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	<0.01	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	<0.01	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	<0.01	---	---	---	---	---	---
1,3-Dichloropropene	mg/kg	---	---	<0.01	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	<0.01	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	<0.01	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	<0.01	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	<0.01	---	---	---	---	---	---
Trihalomethanes	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	<0.01	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	<0.01	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	<0.01	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	<0.01	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	<0.01	---	---	---	---	---	---
Bromoform	mg/kg	---	---	<0.01	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	<0.01	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	<0.01	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	<0.01	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	<0.01	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	<0.01	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	<0.01	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	<0.01	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	<0.01	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	<0.01	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	<0.01	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	<0.01	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	<0.01	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	<0.01	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	<0.01	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	<0.01	---	---	---	---	---	---
tert-Amyl methyl ether	mg/kg	---	---	---	---	---	---	---	---	---
VOC/SVOC										
1,2,3-trichlorobenzene	mg/kg	---	---	<0.01	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	<0.01	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	<0.01	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	<0.01	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	<0.01	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	<0.01	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	<0.01	---	---	---	---	---	---
Trichlorobenzene (total)	mg/kg	---	---	---	---	---	---	---	---	---
SVOC										
1,4-dinitrobenzene	mg/kg	---	---	<0.10	---	---	---	---	---	---
Benzyl alcohol	mg/kg	---	---	<0.10	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	---	---	<0.10	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	<0.10	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	<0.10	---	---	---	---	---	---
1,2-Dinitrobenzene	mg/kg	---	---	<0.10	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	---	---	<0.10	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	<0.10	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	<0.10	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	<0.10	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	<0.10	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	<0.10	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	<0.10	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	<0.10	---	---	---	---	---	---
2,6-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,6-Dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH02	S1-BH02	S1-BH02	S1-BH03	S1-BH03
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		UNK	UNK	UNK	UNK	UNK	UNK	UNK	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12
Date		10 Oct 2017	10 Oct 2017	10 Oct 2017	10 Oct 2017	10 Oct 2017	20 Oct 2017	20 Oct 2017	25 Oct 2017	27 Oct 2017
Depth		4 - 4	5 - 5	5.5 - 5.5	5.5 - 5.5	5.5 - 5.5	2.2 - 2.2	4.2 - 4.2	3.2 - 3.2	4.5 - 4.5
	Unit									
2,6-dinitrotoluene	mg/kg	---	---	<0.10	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	<0.10	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	<0.10	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	<0.10	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	<0.10	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	<0.10	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	<0.10	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	<0.10	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	<0.10	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	<0.10	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
Aniline	mg/kg	---	---	<0.10	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	<0.10	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	<0.10	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	<0.10	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	<0.10	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	<0.10	---	---	---	---	---	---
Carbazole	mg/kg	---	---	<0.10	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	<0.10	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	<0.10	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	<0.10	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	<0.10	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	<0.10	---	---	---	---	---	---
Diphenylamine	mg/kg	---	---	<0.10	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	<0.10	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	<0.10	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	<0.10	---	---	---	---	---	---
PCB										
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---
PAH/Phenols										
PAHs (Sum of 4)	mg/kg	---	---	---	---	---	---	---	---	---
Pesticides										
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH02	S1-BH02	S1-BH02	S1-BH03	S1-BH03
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		UNK	UNK	UNK	UNK	UNK	UNK	UNK	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12
Date		10 Oct 2017	10 Oct 2017	10 Oct 2017	10 Oct 2017	10 Oct 2017	20 Oct 2017	20 Oct 2017	25 Oct 2017	27 Oct 2017
Depth		4 - 4	5 - 5	5.5 - 5.5	5.5 - 5.5	5.5 - 5.5	2.2 - 2.2	4.2 - 4.2	3.2 - 3.2	4.5 - 4.5
	Unit									
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---
Field										
pH (Field)	pH_Units	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	
		S1-BH03	S1-BH10	S1-BH10	S1-TPE11	S1-TPE15	S1-TPE18	S1-TPE20	S1-TPE22	S1-TPE23
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12						
		02 Nov 2017	17 Oct 2017	17 Oct 2017						
		6 - 6	1.5 - 1.5	4.5 - 4.5	1.5	1.2	2.5	0.5	0.5	3.5
	Unit									
Metals										
Aluminium	mg/kg	---	---	---	---	---	---	---	---	---
Antimony	mg/kg	---	<1.00	---	---	---	---	---	---	---
Arsenic	mg/kg	---	4.30	5.60	270	---	---	27	6.4	---
Barium	mg/kg	---	85.00	---	---	---	---	---	---	---
Beryllium	mg/kg	---	0.50	---	---	---	---	---	---	---
Boron	mg/kg	---	8.90	6.90	---	---	---	---	---	---
Boron (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Cadmium	mg/kg	---	0.40	0.40	---	---	---	---	---	---
Calcium	mg/kg	---	---	---	---	---	---	---	---	---
Chromium (hexavalent)	mg/kg	---	<1.00	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	---	17.00	68.00	82	---	---	350	180	---
Chromium (Trivalent)	mg/kg	---	16	68	82	---	---	350	180	---
Copper	mg/kg	---	42.00	40.00	---	---	---	---	---	---
Iron	mg/kg	---	---	---	---	---	---	---	---	---
Lead	mg/kg	---	16.00	24.00	110	---	---	56	83	---
Magnesium	mg/kg	---	---	---	---	---	---	---	---	---
Manganese	mg/kg	---	---	---	---	---	---	---	---	---
Mercury	mg/kg	---	<0.05	<0.05	---	---	---	---	---	---
Molybdenum	mg/kg	---	1.10	---	---	---	---	---	---	---
Nickel	mg/kg	---	5.90	6.50	---	---	---	---	---	---
Potassium	mg/kg	---	---	---	---	---	---	---	---	---
Selenium	mg/kg	---	---	---	---	---	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---	---
Sodium	mg/kg	---	---	---	---	---	---	---	---	---
Tin	mg/kg	---	---	---	---	---	---	---	---	---
Titanium	mg/kg	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	---	37.00	---	---	---	---	---	---	---
Zinc	mg/kg	---	57.00	58.00	---	---	---	---	---	---
Inorganics										
Ammoniacal Nitrogen as N	mg/kg	---	---	---	---	---	---	---	---	---
Nitrite (as N)	mg/kg	---	---	---	---	---	---	---	---	---
Chloride	mg/kg	---	---	---	---	---	---	---	---	---
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	---	---	---	---	---	---	---	---
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	---	1.20	0.20	---	---	---	---	---	---
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	---	---	---	---	---	---	---	---	---
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	---	---	2,000	1,500	1,100	1,200	430	1,500
Sulphate (2:1 Water Soluble) as SO4	mg/L	---	---	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	9.90	11.00	---	---	---	---	---	---
Sulphur as S	%	---	<0.000075	---	---	---	---	---	---	---
Sulphur (free)	mg/kg	---	---	---	---	---	---	---	---	---
Sulphide	mg/kg	---	---	---	---	---	---	---	---	---
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	---	---	---	---	---	---	---	---	---
Fluoride	mg/kg	---	---	---	---	---	---	---	---	---
Other										
Organic Matter	%	---	12.00	1.20	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	0.06	---	---	---	---	---	---	---	---
Moisture	%	---	---	---	---	---	---	---	---	---
TPH CWG										
>C5-C6 Aliphatics	mg/kg	---	<0.01	<0.01	---	---	---	---	---	---
>C6-C8 Aliphatics	mg/kg	---	<0.01	0.03	---	---	---	---	---	---
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth										
	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
	S1-BH03	S1-BH10	S1-BH10	S1-TPE11	S1-TPE15	S1-TPE18	S1-TPE20	S1-TPE22	S1-TPE23	
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12							
	02 Nov 2017	17 Oct 2017	17 Oct 2017							
	6 - 6	1.5 - 1.5	4.5 - 4.5	1.5	1.2	2.5	0.5	0.5	3.5	
	Unit									
>C8-C10 Aliphatics	mg/kg	---	<0.01	0.12	---	---	---	---	---	---
>C10-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	---	<1.50	<1.50	---	---	---	---	---	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	<1.20	<1.20	---	---	---	---	---	---
>C16-C21 Aliphatics	mg/kg	---	<1.50	<1.50	---	---	---	---	---	---
>C16-C35 Aliphatics	mg/kg	---	<4.9	<4.9	---	---	---	---	---	---
>C21-C35 Aliphatics	mg/kg	---	<3.40	<3.40	---	---	---	---	---	---
>C35-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	<10.00	<10.00	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	<0.01	<0.01	---	---	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	---	<0.01	0.01	---	---	---	---	---	---
>EC10-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC8-EC10 Aromatics	mg/kg	---	0.05	0.03	---	---	---	---	---	---
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	<0.90	<0.90	---	---	---	---	---	---
>EC12-EC16 Aromatics	mg/kg	---	2.90	<0.50	---	---	---	---	---	---
>EC16-EC21 Aromatics	mg/kg	---	15.00	<0.60	---	---	---	---	---	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	68.00	<1.40	---	---	---	---	---	---
>EC35-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	87.00	<10.00	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
TPH										
EPH >C10-40	mg/kg	---	---	---	---	---	---	---	---	---
GRO	mg/kg	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	---	---	---	---	---	---	---	---
Total Petroleum Hydrocarbons	mg/kg	---	---	---	<10	---	12	<10	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---
BTEX and MTBE										
Benzene	mg/kg	---	---	---	---	---	---	---	---	---
Toluene	mg/kg	---	---	---	---	---	---	---	---	---
Ethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Xylene (m & p)	mg/kg	---	---	---	---	---	---	---	---	---
Xylene (o)	mg/kg	---	---	---	---	---	---	---	---	---
Xylene Total	mg/kg	---	---	---	---	---	---	---	---	---
MTBE	mg/kg	---	---	---	---	---	---	---	---	---
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---
PAH										
Coronene	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	---	1.30	<0.03	<0.03	---	0.05	1.6	---	---
Acenaphthene	mg/kg	---	0.49	<0.03	---	---	---	---	---	---
Acenaphthylene	mg/kg	---	0.38	<0.03	---	---	---	---	---	---
Fluoranthene	mg/kg	---	4.80	0.09	---	---	---	---	---	---
Anthracene	mg/kg	---	1.10	<0.03	---	---	---	---	---	---
Phenanthrene	mg/kg	---	3.60	0.09	---	---	---	---	---	---
Fluorene	mg/kg	---	0.70	<0.03	---	---	---	---	---	---
Chrysene	mg/kg	---	3.10	0.05	---	---	---	---	---	---
Pyrene	mg/kg	---	3.70	0.07	---	---	---	---	---	---
Benzo(a)anthracene	mg/kg	---	3.30	0.05	---	---	---	---	---	---
Benzo(b)fluoranthene	mg/kg	---	3.90	0.05	---	---	---	---	---	---
Benzo(k)fluoranthene	mg/kg	---	1.20	<0.03	---	---	---	---	---	---
Benzo(b+k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	---	2.10	<0.03	<0.03	---	1	0.22	---	---
Dibenz(a,h)anthracene	mg/kg	---	0.48	<0.03	---	---	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	1.20	<0.03	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	1.10	<0.03	---	---	---	---	---	---
PAH 16 Total	mg/kg	---	32.00	0.40	---	---	---	---	---	---
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---
Phenolics										
Total Phenols (monohydric)	mg/kg	---	---	---	---	---	---	---	---	---
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---
Xylenols	mg/kg	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	---	---	---	---	---	---	---	---
Phenols Monohydric	mg/kg	---	<0.30	<0.30	---	---	---	---	---	---
VOC										
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		S1-BH03	S1-BH10	S1-BH10	S1-TPE11	S1-TPE15	S1-TPE18	S1-TPE20	S1-TPE22	S1-TPE23
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12						
		02 Nov 2017	17 Oct 2017	17 Oct 2017						
		6 - 6	1.5 - 1.5	4.5 - 4.5	1.5	1.2	2.5	0.5	0.5	3.5
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
Trihalomethanes	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	---
tert-Amyl methyl ether	mg/kg	---	---	---	---	---	---	---	---	---
VOC/SVOC										
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	---
Trichlorobenzene (total)	mg/kg	---	---	---	---	---	---	---	---	---
SVOC										
1,4-dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Benzyl alcohol	mg/kg	---	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
1,2-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2,6-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,6-Dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		S1-BH03	S1-BH10	S1-BH10	S1-TPE11	S1-TPE15	S1-TPE18	S1-TPE20	S1-TPE22	S1-TPE23
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12						
Date		02 Nov 2017	17 Oct 2017	17 Oct 2017						
Depth		6 - 6	1.5 - 1.5	4.5 - 4.5	1.5	1.2	2.5	0.5	0.5	3.5
	Unit									
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
Aniline	mg/kg	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Diphenylamine	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
PCB										
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	<0.01	---	---	---	---	---	---	---
PCB 118	mg/kg	---	<0.01	---	---	---	---	---	---	---
PCB 138	mg/kg	---	<0.01	---	---	---	---	---	---	---
PCB 153	mg/kg	---	<0.01	---	---	---	---	---	---	---
PCB 180	mg/kg	---	<0.01	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	<0.01	---	---	---	---	---	---	---
PCB 52	mg/kg	---	<0.01	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	<0.01	---	---	---	---	---	---	---
PAH/Phenols										
PAHs (Sum of 4)	mg/kg	---	---	---	---	---	---	---	---	---
Pesticides										
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		S1-BH03	S1-BH10	S1-BH10	S1-TPE11	S1-TPE15	S1-TPE18	S1-TPE20	S1-TPE22	S1-TPE23
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12						
		02 Nov 2017	17 Oct 2017	17 Oct 2017						
		6 - 6	1.5 - 1.5	4.5 - 4.5	1.5	1.2	2.5	0.5	0.5	3.5
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---
Field										
pH (Field)	pH_Units	---	---	---	---	---	---	---	---	---

[illegible]



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		S1-TPE24	S1-TPE27	S1-TPE32	S1-TPE34	S1-TPE37	S1-TPE39	S1-TPE40	S1-TPE41	S1-TPE42	S1-TPE44
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		1.5	0.5	2.8	3.5	3	1.8	3.6	1.7	3.1	4.2
	mg/kg	---	---	---	---	---	---	---	---	---	---
>C8-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C10-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C16-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC8-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC12-EC16 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH											
EPH >C10-40	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Petroleum Hydrocarbons	mg/kg	<10	<10	<10	---	<10	<10	---	<10	<10	<10
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Toluene	mg/kg	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Xylene (m & p)	mg/kg	---	---	---	---	---	---	---	---	---	---
Xylene (o)	mg/kg	---	---	---	---	---	---	---	---	---	---
Xylene Total	mg/kg	---	---	---	---	---	---	---	---	---	---
MTBE	mg/kg	---	---	---	---	---	---	---	---	---	---
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Coronene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	<0.03	0.15	<0.03	---	<0.03	<0.03	---	0.03	<0.03	<0.03
Acenaphthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Acenaphthylene	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Anthracene	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluorene	mg/kg	---	---	---	---	---	---	---	---	---	---
Chrysene	mg/kg	---	---	---	---	---	---	---	---	---	---
Pyrene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(a)anthracene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(b+k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	<0.03	0.06	0.04	---	<0.03	<0.03	---	<0.03	<0.03	<0.03
Dibenz(a,h)anthracene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH 16 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	mg/kg	---	---	---	---	---	---	---	---	---	---
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---	---
Xylenols	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		S1-TPE24	S1-TPE27	S1-TPE32	S1-TPE34	S1-TPE37	S1-TPE39	S1-TPE40	S1-TPE41	S1-TPE42	S1-TPE44
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		1.5	0.5	2.8	3.5	3	1.8	3.6	1.7	3.1	4.2
	Unit										
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
Trihalomethanes	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	---	---
tert-Amyl methyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichlorobenzene (total)	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC											
1,4-dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzyl alcohol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,6-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,6-Dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		S1-TPE24	S1-TPE27	S1-TPE32	S1-TPE34	S1-TPE37	S1-TPE39	S1-TPE40	S1-TPE41	S1-TPE42	S1-TPE44
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		1.5	0.5	2.8	3.5	3	1.8	3.6	1.7	3.1	4.2
	mg/kg	---	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
Aniline	mg/kg	---	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Diphenylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pesticides											
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		S1-TPE24	S1-TPE27	S1-TPE32	S1-TPE34	S1-TPE37	S1-TPE39	S1-TPE40	S1-TPE41	S1-TPE42	S1-TPE44
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		1.5	0.5	2.8	3.5	3	1.8	3.6	1.7	3.1	4.2
	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	---	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		S1-TPE47	S1-TPE48	S1-TPE50	S1-TPE51	S1-TPE54	S1-TPE58	S1-TPE59	S1-TPE60	S1-TPE60	S1-TPE61
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		2	1.5	4	2	2.9	1	3.5	3.5	4.5	1
Metals											
Aluminium	mg/kg	---	---	---	---	---	---	---	---	---	---
Antimony	mg/kg	---	---	---	---	---	---	---	---	---	---
Arsenic	mg/kg	33	---	---	3.3	6.6	---	21	7.6	---	---
Barium	mg/kg	---	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---	---
Calcium	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium (hexavalent)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	33	---	---	9.7	61	---	410	29	---	---
Chromium (Trivalent)	mg/kg	33	---	---	9.7	61	---	410	29	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---	---
Iron	mg/kg	---	---	---	---	---	---	---	---	---	---
Lead	mg/kg	38	---	---	24	44	---	64	12	---	---
Magnesium	mg/kg	---	---	---	---	---	---	---	---	---	---
Manganese	mg/kg	---	---	---	---	---	---	---	---	---	---
Mercury	mg/kg	---	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	---	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	---	---	---	---	---	---	---	---	---	---
Potassium	mg/kg	---	---	---	---	---	---	---	---	---	---
Selenium	mg/kg	---	---	---	---	---	---	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Tin	mg/kg	---	---	---	---	---	---	---	---	---	---
Titanium	mg/kg	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	---	---	---	---	---	---	---	---	---	---
Zinc	mg/kg	---	---	---	---	---	---	---	---	---	---
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as N)	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloride	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	1,600	1,600	480	1,700	1,500	1,500	1,200	1,600	---	1,500
Sulphate (2:1 Water Soluble) as SO4	mg/L	---	---	---	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	---	---	---	---	---	---	---	---	---
Sulphur as S	%	---	---	---	---	---	---	---	---	---	---
Sulphur (free)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphide	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluoride	mg/kg	---	---	---	---	---	---	---	---	---	---
Other											
Organic Matter	%	---	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---
Moisture	%	---	---	---	---	---	---	---	---	---	---
TPH CWG											
>C5-C6 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C6-C8 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		S1-TPE47	S1-TPE48	S1-TPE50	S1-TPE51	S1-TPE54	S1-TPE58	S1-TPE59	S1-TPE60	S1-TPE60	S1-TPE61
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		2	1.5	4	2	2.9	1	3.5	3.5	4.5	1
	mg/kg	---	---	---	---	---	---	---	---	---	---
>C8-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C10-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C16-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC8-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC12-EC16 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH											
EPH >C10-40	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Petroleum Hydrocarbons	mg/kg	<10	---	---	<10	31	---	16	<10	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	---	---	---	---	---	---	<0.01	<0.01	<0.01	---
Toluene	mg/kg	---	---	---	---	---	---	---	---	---	---
Ethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Xylene (m & p)	mg/kg	---	---	---	---	---	---	---	---	---	---
Xylene (o)	mg/kg	---	---	---	---	---	---	---	---	---	---
Xylene Total	mg/kg	---	---	---	---	---	---	---	---	---	---
MTBE	mg/kg	---	---	---	---	---	---	---	---	---	---
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Coronene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	<0.03	---	---	0.54	<0.03	---	0.06	<0.03	0.21	---
Acenaphthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Acenaphthylene	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Anthracene	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluorene	mg/kg	---	---	---	---	---	---	---	---	---	---
Chrysene	mg/kg	---	---	---	---	---	---	---	---	---	---
Pyrene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(a)anthracene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(b+k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	<0.03	---	---	0.04	0.05	---	0.29	<0.03	4.7	---
Dibenz(a,h)anthracene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH 16 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	mg/kg	---	---	---	---	---	---	---	---	---	---
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---	---
Xylenols	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		S1-TPE47	S1-TPE48	S1-TPE50	S1-TPE51	S1-TPE54	S1-TPE58	S1-TPE59	S1-TPE60	S1-TPE60	S1-TPE61
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		2	1.5	4	2	2.9	1	3.5	3.5	4.5	1
	Unit										
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
Trihalomethanes	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	---	---
tert-Amyl methyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichlorobenzene (total)	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC											
1,4-dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzyl alcohol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,6-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,6-Dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		S1-TPE47	S1-TPE48	S1-TPE50	S1-TPE51	S1-TPE54	S1-TPE58	S1-TPE59	S1-TPE60	S1-TPE60	S1-TPE61
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		2	1.5	4	2	2.9	1	3.5	3.5	4.5	1
	mg/kg	---	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
Aniline	mg/kg	---	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---
Diphenylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pesticides											
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		S1-TPE47	S1-TPE48	S1-TPE50	S1-TPE51	S1-TPE54	S1-TPE58	S1-TPE59	S1-TPE60	S1-TPE60	S1-TPE61
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number											
Date											
Depth		2	1.5	4	2	2.9	1	3.5	3.5	4.5	1
	Unit										
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		S1-TPE62	S1-TPE63	S1-TPE64	S1-TPE65	S1-TPE69	S1-TPE71	S1-TPE73
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number								
Date								
Depth		3.2	1.14	1.3	1.5	3.8	2.4	3.5
	Unit							
Metals								
Aluminium	mg/kg	---	---	---	---	---	---	---
Antimony	mg/kg	---	---	---	---	---	---	---
Arsenic	mg/kg	21	110	11	5.3	9.3	---	4.7
Barium	mg/kg	---	---	---	---	---	---	---
Beryllium	mg/kg	---	---	---	---	---	---	---
Boron	mg/kg	---	---	---	---	---	---	---
Boron (filtered)	mg/kg	---	---	---	---	---	---	---
Cadmium	mg/kg	---	---	---	---	---	---	---
Calcium	mg/kg	---	---	---	---	---	---	---
Chromium (hexavalent)	mg/kg	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---
Chromium	mg/kg	23	110	190	170	630	---	1,300
Chromium (Trivalent)	mg/kg	23	110	190	170	630	---	1,300
Copper	mg/kg	---	---	---	---	---	---	---
Iron	mg/kg	---	---	---	---	---	---	---
Lead	mg/kg	79	96	22	19	71	---	120
Magnesium	mg/kg	---	---	---	---	---	---	---
Manganese	mg/kg	---	---	---	---	---	---	---
Mercury	mg/kg	---	---	---	---	---	---	---
Molybdenum	mg/kg	---	---	---	---	---	---	---
Nickel	mg/kg	---	---	---	---	---	---	---
Potassium	mg/kg	---	---	---	---	---	---	---
Selenium	mg/kg	---	---	---	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---
Sodium	mg/kg	---	---	---	---	---	---	---
Tin	mg/kg	---	---	---	---	---	---	---
Titanium	mg/kg	---	---	---	---	---	---	---
Vanadium	mg/kg	---	---	---	---	---	---	---
Zinc	mg/kg	---	---	---	---	---	---	---
Inorganics								
Ammoniacal Nitrogen as N	mg/kg	---	---	---	---	---	---	---
Nitrite (as N)	mg/kg	---	---	---	---	---	---	---
Chloride	mg/kg	---	---	---	---	---	---	---
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	---	---	---	---	---	---
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---
Cyanide Total	mg/kg	---	---	---	---	---	---	---
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	---	---	---	---	---	---	---
Cyanide (Complex) (filtered)	mg/kg	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---
Sulphate	mg/kg	1,500	1,500	620	130	35	1,500	<10
Sulphate (2:1 Water Soluble) as SO4	mg/L	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4 (filtered)	mg/L	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	---	---	---	---	---	---
Sulphur as S	%	---	---	---	---	---	---	---
Sulphur (free)	mg/kg	---	---	---	---	---	---	---
Sulphide	mg/kg	---	---	---	---	---	---	---
Sulphide (filtered)	mg/kg	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	---	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	---	---	---	---	---	---	---
Fluoride	mg/kg	---	---	---	---	---	---	---
Other								
Organic Matter	%	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---
Moisture	%	---	---	---	---	---	---	---
TPH CWG								
>C5-C6 Aliphatics	mg/kg	---	---	---	---	---	---	---
>C6-C8 Aliphatics	mg/kg	---	---	---	---	---	---	---
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		S1-TPE62	S1-TPE63	S1-TPE64	S1-TPE65	S1-TPE69	S1-TPE71	S1-TPE73
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number								
Date								
Depth		3.2	1.14	1.3	1.5	3.8	2.4	3.5
	Unit							
>C8-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---
>C10-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	---	---	---	---	---	---	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	---	---	---	---	---	---
>C16-C21 Aliphatics	mg/kg	---	---	---	---	---	---	---
>C16-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---
>C21-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---
>C35-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	---	---	---	---	---	---	---
>EC10-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---
>EC8-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---
>EC6-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	---	---	---	---	---	---
>EC12-EC16 Aromatics	mg/kg	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	mg/kg	---	---	---	---	---	---	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---
TPH								
EPH >C10-40	mg/kg	---	---	---	---	---	---	---
GRO	mg/kg	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	---	---	---	---	---	---
Total Petroleum Hydrocarbons	mg/kg	<10	<10	<10	<10	430	---	<10
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---
BTEX and MTBE								
Benzene	mg/kg	<0.01	---	---	---	<0.01	---	---
Toluene	mg/kg	---	---	---	---	---	---	---
Ethylbenzene	mg/kg	---	---	---	---	---	---	---
Xylene (m & p)	mg/kg	---	---	---	---	---	---	---
Xylene (o)	mg/kg	---	---	---	---	---	---	---
Xylene Total	mg/kg	---	---	---	---	---	---	---
MTBE	mg/kg	---	---	---	---	---	---	---
Total BTEX	mg/kg	---	---	---	---	---	---	---
PAH								
Coronene	mg/kg	---	---	---	---	---	---	---
Naphthalene	mg/kg	<0.03	<0.03	<0.03	<0.03	<0.03	---	<0.03
Acenaphthene	mg/kg	---	---	---	---	---	---	---
Acenaphthylene	mg/kg	---	---	---	---	---	---	---
Fluoranthene	mg/kg	---	---	---	---	---	---	---
Anthracene	mg/kg	---	---	---	---	---	---	---
Phenanthrene	mg/kg	---	---	---	---	---	---	---
Fluorene	mg/kg	---	---	---	---	---	---	---
Chrysene	mg/kg	---	---	---	---	---	---	---
Pyrene	mg/kg	---	---	---	---	---	---	---
Benzo(a)anthracene	mg/kg	---	---	---	---	---	---	---
Benzo(b)fluoranthene	mg/kg	---	---	---	---	---	---	---
Benzo(k)fluoranthene	mg/kg	---	---	---	---	---	---	---
Benzo(b+k)fluoranthene	mg/kg	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	0.03	0.04	<0.03	0.06	<0.03	---	0.03
Dibenz(a,h)anthracene	mg/kg	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	---	---	---	---
PAH 16 Total	mg/kg	---	---	---	---	---	---	---
PAH 17 Total	mg/kg	---	---	---	---	---	---	---
Phenolics								
Total Phenols (monohydric)	mg/kg	---	---	---	---	---	---	---
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---
Xylenols	mg/kg	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---
Phenol	mg/kg	---	---	---	---	---	---	---
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---
VOC								
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---
Styrene	mg/kg	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		S1-TPE62	S1-TPE63	S1-TPE64	S1-TPE65	S1-TPE69	S1-TPE71	S1-TPE73
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number								
Date								
Depth		3.2	1.14	1.3	1.5	3.8	2.4	3.5
	Unit							
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---
Trihalomethanes	mg/kg	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---
tert-Amyl methyl ether	mg/kg	---	---	---	---	---	---	---
VOC/SVOC								
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---
Trichlorobenzene (total)	mg/kg	---	---	---	---	---	---	---
SVOC								
1,4-dinitrobenzene	mg/kg	---	---	---	---	---	---	---
Benzyl alcohol	mg/kg	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---
1,2-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---
2,6-dichlorophenol	mg/kg	---	---	---	---	---	---	---
2,6-Dimethylphenol	mg/kg	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		S1-TPE62	S1-TPE63	S1-TPE64	S1-TPE65	S1-TPE69	S1-TPE71	S1-TPE73
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number								
Date								
Depth		3.2	1.14	1.3	1.5	3.8	2.4	3.5
	Unit							
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---
Aniline	mg/kg	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---
Diphenylamine	mg/kg	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---
PCB								
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---
PAH/Phenols								
PAHs (Sum of 4)	mg/kg	---	---	---	---	---	---	---
Pesticides								
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		S1-TPE62	S1-TPE63	S1-TPE64	S1-TPE65	S1-TPE69	S1-TPE71	S1-TPE73
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number								
Date								
Depth		3.2	1.14	1.3	1.5	3.8	2.4	3.5
	Unit							
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---
Hedonal	mg/kg	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---
Aldrin + Dieldrin	mg/kg	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	mg/kg	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---
Clpyralid	mg/kg	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---
Field								
pH (Field)	pH_Units	---	---	---	---	---	---	---



Matrix Description				MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C
Location Code				B-BH8	B-BH8	B-BH11	B-BH11	B-TP17	B-TP17	FOU_AUK_TP141	FOU_AUK_TP142
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-17193	23-17193	23-21436	23-21436	23-19884	23-19884	705777	704774
Date				11 Jul 2023	11 Jul 2023	31 Aug 2023	31 Aug 2023	15 Aug 2023	15 Aug 2023	05 Sep 2023	07 Sep 2023
Depth				5.1	5.1	3.75	3.75	4	4	0.5	4
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	240	---	30	---	370	---	<10	<10
Antimony (filtered)	µg/L	5 ^{#1}	-	13	---	0.43	---	3.3	---	---	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	22	---	1	---	7.4	---	<0.5	12.7
Barium (filtered)	µg/L	1,300 ^{#2}	-	13	---	23	---	68	---	44.2	180
Beryllium (filtered)	µg/L	-	-	<0.1	---	<0.1	---	<0.1	---	---	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	110	---	53	---	61	---	73.4	98.1
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	0.08	---	<0.03	---	<0.03	---	<0.08	0.098
Calcium (filtered)	mg/L	-	-	5.3	---	15	---	120	---	114	18.4
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	<7	---	<7	---	<7	---	---	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	<30	<30
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	<0.25	---	1.3	---	<1	<1
Chromium (Trivalent) (filtered)	µg/L	-	-	1	---	<1	---	<1	---	---	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	10	---	1.3	---	8.6	---	1.3	42.7
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	<50	127
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	<100	<100
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	210	---	13	---	6.3	---	<19	127
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	19	---	<0.09	---	0.2	---	<0.2	17.8
Magnesium (filtered)	mg/L	-	-	0.45	---	1.1	---	0.61	---	10.9	3.93
Manganese (filtered)	µg/L	50 ^{#1}	-	5.2	---	6.8	---	1.7	---	<3	133
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	0.09	---	<0.01	---	0.03	---	<0.01	<0.01
Molybdenum (filtered)	µg/L	70 ^{#3}	-	37	---	3.4	---	5.5	---	5.3	48.7
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	2	---	<0.5	---	0.9	---	0.673	41.9
Potassium (filtered)	mg/L	-	-	7.5	---	12	---	76	---	25.5	3.54
Selenium (filtered)	µg/L	10 ^{#1}	-	1.2	---	1.2	---	5.3	---	<1	<1
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---	2,610	808
Sodium (filtered)	mg/L	200 ^{#1}	-	12	---	3.3	---	13	---	5.57	8.94
Tin (filtered)	µg/L	-	10 ^{#25}	1.3	---	<0.4	---	<0.4	---	---	---
Titanium (filtered)	µg/L	-	-	9.8	---	0.8	---	<0.3	---	---	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	14	---	10	---	83	---	---	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	30	---	<1.3	---	<1.3	---	2.16	19.5
Inorganics											
Total Hardness	mg/l	-	-	15.1	---	42.9	---	314	---	---	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	3.3	---	0.41	---	0.25	---	---	---
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	0.321	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	2.7	2.5	0.34	0.32	0.21	0.19	<0.2	2.36
Chloride	mg/L	250 ^{#1}	-	8	---	1.3	---	5.3	---	---	---
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	---	---	---	3.2	4.4
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	2,450
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	0.6	---	<0.1	---	0.1	---	---	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	<2.5	<2.5
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	3.5	---	0.6	---	7.5	---	---	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	10.3	<5
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	<40	---	<40	---	<40	---	---	---
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	9.82	<5
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	0.26	---	0.92	---	0.82	---	---	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	1.07	0.372
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	<0.1	---	2	---	0.16	---	---	---
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	<0.05	<0.05
Sulphate	mg/L	250 (SO4) ^{#7}	-	16	---	43	---	380	---	---	---
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---	332	<2
Sulphate (2:1 Water Soluble) as SO4	mg/L	-	-	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	-	-	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	8.3	---	---	---	---	---	8.33	8.32
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	8.33	8.26
Sulphate (Soluble) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	12	<0.084	20	---	210	---	---	---
Sulphur as S (filtered)	mg/L	-	-	---	---	---	---	---	---	108	1.59
Sulphur (free)	mg/L	-	-	<0.084	---	<0.084	---	<0.084	---	---	---
Sulphide	µg/L	-	10 (MAC) ^{#29}	18	---	22	---	19	---	---	---
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	<10	<10
Thiocyanate (as SCN)	µg/L	-	-	64	---	46	---	<20	---	---	---
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	---	---	---	<50	<50

Matrix Description				MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C
Location Code				B-BH8	B-BH8	B-BH11	B-BH11	B-TP17	B-TP17	FOU_AUK_TP141	FOU_AUK_TP142
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-17193	23-17193	23-21436	23-21436	23-19884	23-19884	705777	704774
Date				11 Jul 2023	11 Jul 2023	31 Aug 2023	31 Aug 2023	15 Aug 2023	15 Aug 2023	05 Sep 2023	07 Sep 2023
Depth				5.1	5.1	3.75	3.75	4	4	0.5	4
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Ortho phosphate as PO4	mg/l	-	-	0.13	---	0.05	---	<0.03	---	---	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	---	---	---	---	<0.05	0.161
Silica	µg/L	-	-	---	---	---	---	---	---	---	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	650	---	740	---	310	---	---	---
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---	1,100	<500
Other											
Dissolved Organic Carbon (filtered)	µg/L	-	-	6,200	---	2,600	---	6,500	---	---	---
Electrical conductivity *(lab)	µS/cm	-	-	---	---	---	---	---	---	709	174
TPH CWG											
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	---	---	<0.1	---	---	---	<10	<10
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	---	---	<0.1	---	---	---	<10	<10
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	---	---	<0.1	---	---	---	<10	12
>C10-C44 Aliphatics	µg/L	-	-	---	---	22	---	---	---	---	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	---	---	<1	---	---	---	<10	14
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	---	1.8	---	---	---	---	---
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	<10	<10
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	---	17	---	---	---	---	---
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	<10	<10
>C16-C35 Aliphatics	µg/L	-	-	---	---	20.5	---	---	---	---	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	---	3.5	---	---	---	---	---
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	<10	25
>C35-C44 Aliphatics	µg/L	-	-	---	---	<1	---	---	---	---	---
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aliphatics >C12-C35 (filtered)	µg/L	-	-	---	---	---	---	---	---	<10	25
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	---	<0.1	---	---	---	---	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	---	---	<0.1	---	---	---	<10	<10
>EC10-EC44 Aromatics	µg/L	-	-	---	---	<1	---	---	---	---	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	---	---	<0.1	---	---	---	<10	<10
>EC6-EC7 Aromatics	µg/L	-	-	---	---	---	---	---	---	<10	<10
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	---	---	<1	---	---	---	<10	<10
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	---	<1	---	---	---	---	---
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	<10	20
>EC16-EC35 Aromatics (filtered)	µg/L	-	-	---	---	---	---	---	---	<10	21
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	---	<1	---	---	---	---	---
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	<10	21
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	---	<1	---	---	---	---	---
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	<10	<10
>EC35-EC44 Aromatics	µg/L	-	-	---	---	<1	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	---	22	---	---	---	---	---
Total Aromatics >EC5-EC35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	-	---	---	---	---	---	---	<10	41
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	---	22.3	---	---	---	<10	121
TPH											
EPH >C10-40	µg/L	-	-	170	---	120	---	19	---	---	---
GRO >C5-12	µg/L	-	-	---	---	---	---	---	---	<50	54
GRO C5-C10	µg/L	-	-	<1	---	<1	---	<1	---	---	---
BTEX and MTBE											
Benzene	µg/L	1 ^{#1}	8 ^{#19}	---	---	<1	---	---	---	<10	<1
Toluene	µg/L	700 ^{#2}	74 ^{#19}	---	---	<5	---	---	---	<10	<1
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	---	---	<5	---	---	---	<10	<1
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	---	---	<10	---	---	---	<10	<1
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	---	---	<5	---	---	---	<10	<1
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	---	---	<15	---	---	---	<20	<2
MTBE	µg/L	15 ^{#10}	15 ^{#10}	---	---	<10	---	---	---	<10	<1
Total BTEX	µg/L	-	-	---	---	---	---	---	---	<50	<5
PAH											
Naphthalene	µg/L	-	2 ^{#19}	0.11	---	<0.05	---	0.06	---	<2	<1
Naphthalene (filtered)	µg/L	-	2 ^{#19}	---	---	---	---	---	---	<0.01	0.332
Acenaphthene	µg/L	-	-	0.03	---	0.03	---	<0.01	---	<2	<20
Acenaphthene (filtered)	µg/L	-	-	---	---	---	---	---	---	<0.005	0.0778
Acenaphthylene	µg/L	-	-	0.04	---	<0.01	---	<0.01	---	<2	<20
Acenaphthylene (filtered)	µg/L	-	-	---	---	---	---	---	---	<0.005	0.0391
Fluoranthene	µg/L	-	0.0063 ^{#19}	0.38	---	0.13	---	0.04	---	<2	<20
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#19}	---	---	---	---	---	---	<0.005	0.109
Anthracene	µg/L	-	0.1 ^{#19}	0.09	---	0.03	---	<0.01	---	<2	<20
Anthracene (filtered)	µg/L	-	0.1 ^{#19}	---	---	---	---	---	---	<0.005	0.117
Phenanthrene	µg/L	-	-	0.25	---	0.08	---	0.02	---	<2	<20
Phenanthrene (filtered)	µg/L	-	-	---	---	---	---	---	---	<0.005	0.565
Fluorene	µg/L	-	-	0.05	---	0.02	---	<0.01	---	<2	<20
Fluorene (filtered)	µg/L	-	-	---	---	---	---	---	---	<0.005	0.195
Chrysene	µg/L	-	-	0.13	---	0.08	---	0.01	---	<2	<20



Matrix Description		MG-C		MG-C		MG-C		MG-C		MG-C		MG-C	
Location Code		B-BH8		B-BH8		B-BH11		B-BH11		B-TP17		B-TP17	
Matrix Type		Soil		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		23-17193		23-17193		23-21436		23-21436		23-19884		23-19884	
Date		11 Jul 2023		11 Jul 2023		31 Aug 2023		31 Aug 2023		15 Aug 2023		15 Aug 2023	
Depth		5.1		5.1		3.75		3.75		4		4	
		UK Drinking Water Standards	UK Estuaries and coastal waters EQS										
Chrysene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	<0.005	<0.005
Pyrene	µg/L	-	-	0.27	---	0.12	---	---	0.03	---	---	<2	<20
Pyrene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	<0.005	0.127
Benzo(a)anthracene	µg/L	-	-	0.17	---	0.05	---	---	0.01	---	---	<2	<20
Benzo(a)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	<0.005	<0.005
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.23	---	0.1	---	---	0.02	---	---	<2	<20
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---	<0.005	<0.005
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.08	---	0.03	---	---	<0.01	---	---	<2	<20
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---	<0.005	<0.005
Benzo(b+k)fluoranthene	µg/L	-	-	0.31	---	0.13	---	---	0.03	---	---	---	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	0.18	---	0.08	---	---	0.01	---	---	<2	<20
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	---	---	---	---	---	---	---	<0.002	<0.002
Dibenz(a,h)anthracene	µg/L	-	-	0.03	---	0.01	---	---	<0.01	---	---	<2	<20
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	<0.005	<0.005
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.16	---	0.07	---	---	<0.01	---	---	<2	<20
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---	<0.005	<0.005
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.17	---	0.07	---	---	<0.01	---	---	<2	<20
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---	<0.005	<0.005
PAH 16 Total	µg/L	-	-	2.4	---	0.91	---	---	0.2	---	---	---	---
PAH 16 Total (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	<0.082	1.56
Phenolics													
Total Phenols (monohydric)	µg/L	-	-	<100	---	<100	---	---	<100	---	---	---	---
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Xylenols	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	---	<0.1	---	---	0.12	---	---	<2	<20
Phenols Monohydric	µg/L	-	-	<100	---	---	---	---	---	---	---	---	---
VOC													
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---	---	---	---	---	---	---	---	---
Styrene	µg/L	-	50 ^{#20}	---	---	---	---	---	---	---	---	<10	<1
cis-1,3-dichloropropene	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1
trans-1,3-dichloropropene	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1
1,1,1,2-tetrachloroethane	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	---	---	---	---	---	---	---	---	<10	<1
1,1,2,2-tetrachloroethane	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	---	---	---	---	---	---	---	---	<10	<1
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	---	---	---	---	---	---	---	---	<10	<1
1,1-dichloroethene	µg/L	140 ^{#14}	-	---	---	---	---	---	---	---	---	<10	<1
1,1-dichloropropene	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1
1,2,3-trichloropropane	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1
1,2,4-trimethylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1
1,2-dibromo-3-chloropropane	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1
1,2-dibromoethane	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	---	---	---	---	---	---	---	---	<10	<1
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1
1,3,5-trimethylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1
1,3-dichloropropane	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1
2,2-dichloropropane	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1
Trihalomethanes	µg/L	100 ^{#1}	-	---	---	---	---	---	---	---	---	---	---
2-chlorotoluene	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1
4-chlorotoluene	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1
Bromobenzene	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1
Bromochloromethane	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1
Bromodichloromethane	µg/L	25 ^{#15}	-	---	---	---	---	---	---	---	---	<10	<1
Bromoform	µg/L	25 ^{#15}	-	---	---	---	---	---	---	---	---	<10	<1
Bromomethane	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1
Carbon disulfide	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	---	---	---	---	---	---	---	---	<10	<1
Chlorodibromomethane	µg/L	25 ^{#15}	-	---	---	---	---	---	---	---	---	<10	<1
Chloroethane	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	---	---	---	---	---	---	---	---	<10	<1
Chloromethane	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	---	---	---	---	---	---	<10	<1
Dibromomethane	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1
Dichlorodifluoromethane	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1
Dichloromethane	µg/L	-	20 ^{#19}	---	---	---	---	---	---	---	---	<30	<3
Isopropylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1
n-butylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1
n-propylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---	<10	<1



Matrix Description		MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C
Location Code		B-BH8	B-BH8	B-BH11	B-BH11	B-TP17	B-TP17	FOU_AUK_TP141	FOU_AUK_TP142	
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
Lab Report Number		23-17193	23-17193	23-21436	23-21436	23-19884	23-19884	705777	704774	
Date		11 Jul 2023	11 Jul 2023	31 Aug 2023	31 Aug 2023	15 Aug 2023	15 Aug 2023	05 Sep 2023	07 Sep 2023	
Depth		5.1	5.1	3.75	3.75	4	4	0.5	4	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
p-isopropyltoluene	µg/L	-	-	---	---	---	---	<10	<1	
sec-butylbenzene	µg/L	-	-	---	---	---	---	<10	<1	
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	---	---	<10	<1	
tert-butylbenzene	µg/L	-	-	---	---	---	---	<10	<1	
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	---	---	<10	<1	
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	---	---	<10	<1	
Trichlorofluoromethane	µg/L	-	-	---	---	---	---	<10	<1	
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	---	---	---	<10	<1	
tert-Amyl methyl ether	µg/L	-	-	---	---	---	---	<10	<1	
VOC/SVOC										
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	<10	<1	
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	<2	<1	
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	---	<2	<1	
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	<10	<1	
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	---	<2	<1	
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	---	<2	<1	
Chlorobenzene	µg/L	100 ^{#18}	-	---	---	---	---	<10	<1	
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	---	---	---	---	<2	<1	
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	---	---	---	---	
SVOC										
1,4-dinitrobenzene	µg/L	-	-	---	---	---	---	---	---	
Benzyl alcohol	µg/L	-	-	---	---	---	---	---	---	
4-bromophenyl phenyl ether	µg/L	-	-	---	---	---	---	<2	<20	
4-nitroaniline	µg/L	-	-	---	---	---	---	<2	<20	
4-nitrophenol	µg/L	-	-	---	---	---	---	<2	<20	
1,3-Dinitrobenzene	µg/L	-	-	---	---	---	---	---	---	
1-Methylnaphthalene	µg/L	-	-	---	---	---	---	---	---	
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	---	---	---	---	---	
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	---	---	---	---	---	
2,4,5-trichlorophenol	µg/L	-	-	---	---	---	---	<2	<20	
2,4,6-trichlorophenol	µg/L	-	-	---	---	<0.1	<0.1	<2	<20	
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	---	<0.1	<0.1	<0.1	<2	<20	
2,4-dimethylphenol	µg/L	-	-	---	<0.1	<0.1	<0.1	<2	<20	
2,4-dinitrotoluene	µg/L	-	-	---	---	---	---	<2	<20	
2,6-dichlorophenol	µg/L	-	-	---	<0.1	<0.1	<0.1	---	---	
2,6-Dimethylphenol	µg/L	-	-	---	<0.1	<0.1	<0.1	---	---	
2,6-dinitrotoluene	µg/L	-	-	---	---	---	---	<2	<20	
2-chloronaphthalene	µg/L	-	-	---	---	---	---	<2	<20	
2-chlorophenol	µg/L	-	50 ^{#20}	---	---	---	---	<2	<20	
2-methylnaphthalene	µg/L	-	-	---	---	---	---	<2	<20	
2-methylphenol	µg/L	-	-	---	---	---	---	<2	<20	
2-nitroaniline	µg/L	-	-	---	---	---	---	<2	<20	
2-nitrophenol	µg/L	-	-	---	---	---	---	<2	<20	
3-nitroaniline	µg/L	-	-	---	---	---	---	<2	<20	
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	---	<0.1	<0.1	<0.1	<2	<20	
4-chloroaniline	µg/L	-	-	---	---	---	---	<2	<20	
4-chlorophenyl phenyl ether	µg/L	-	-	---	---	---	---	<2	<20	
4-methylphenol	µg/L	-	-	---	<0.1	<0.1	<0.1	<2	203	
Aniline	µg/L	-	-	---	---	---	---	---	---	
Azobenzene	µg/L	-	-	---	---	---	---	<2	<20	
Bis(2-chloroethoxy) methane	µg/L	-	-	---	---	---	---	<2	<20	
Bis(2-chloroethyl)ether	µg/L	-	-	---	---	---	---	<2	<20	
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	---	---	---	
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	---	---	---	<4	<40	
Bis(2-ethylhexyl)ester	µg/L	-	-	---	---	---	---	---	---	
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	---	---	---	<2	<20	
Carbazole	µg/L	-	-	---	---	---	---	<2	<20	
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	---	---	---	---	
Dibenzofuran	µg/L	-	-	---	---	---	---	<2	<20	
Diethylphthalate	µg/L	-	200 ^{#20}	---	---	---	---	6.26	<20	
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	---	---	---	<2	<20	
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	---	---	---	<2	<20	
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	---	---	---	<10	<100	
Diphenylamine	µg/L	-	-	---	---	---	---	---	---	
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	---	---	---	---	<2	<20	
Hexachlorocyclopentadiene	µg/L	-	-	---	---	---	---	<2	<20	
Hexachloroethane	µg/L	-	-	---	---	---	---	<2	<20	
Isophorone	µg/L	-	-	---	---	---	---	<2	<20	
Nitrobenzene	µg/L	-	-	---	---	---	---	<2	<20	
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	---	---	<2	<20	



Matrix Description		MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C
Location Code		B-BH8	B-BH8	B-BH11	B-BH11	B-TP17	B-TP17	FOU_AUK_TP141	FOU_AUK_TP142
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-17193	23-17193	23-21436	23-21436	23-19884	23-19884	705777	704774
Date		11 Jul 2023	11 Jul 2023	31 Aug 2023	31 Aug 2023	15 Aug 2023	15 Aug 2023	05 Sep 2023	07 Sep 2023
Depth		5.1	5.1	3.75	3.75	4	4	0.5	4
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Pentachlorophenol	µg/L	-	0.4 ^{#19}		---	---	---	---	<2
PCB									
PCB 12	µg/L	-	-		---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-		---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-		---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-		---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-		---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-		---	---	---	---	---
PCB 101	µg/L	-	-		---	---	---	---	---
PCB 118 + PCB 123	mg/L	-	-		---	---	---	---	---
PCB 138	µg/L	-	-		---	---	---	---	---
PCB 153	µg/L	-	-		---	---	---	---	---
PCB 180	µg/L	-	-		---	---	---	---	---
PCB 28 + PCB 31	µg/L	-	-		---	---	---	---	---
PCB 52	µg/L	-	-		---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-		---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-		---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-		---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-		---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-		---	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-		---	---	---	---	---
Total PCB WHO 12	µg/L	-	-		---	---	---	---	---
PCBs (Sum of total)	µg/L	-	-		---	---	---	---	---
Solvents									
Acetone	µg/L	-	-		---	---	---	---	---
PAH/Phenols									
PAHs (Sum of 4)	µg/L	-	-		---	---	---	---	---
Pesticides									
Heptachlor epoxide	µg/L	0.03 ^{#1}	-		---	---	---	---	---
Simetryn	mg/L	-	-		---	---	---	---	---
Tokuthion	µg/L	-	-		---	---	---	---	---
Secbumeton	µg/L	-	-		---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-		---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-		---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-		---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}		---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-		---	---	---	---	---
2,4-Dichlorprop	µg/L	-	-		---	---	---	---	---
4,4-DDE	µg/L	-	0.00625 ^{#37}		---	---	---	---	---
a-BHC	µg/L	-	-		---	---	---	---	---
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}		---	---	---	---	---
Aldrin + Dieldrin	µg/L	-	-		---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	µg/L	-	-		---	---	---	---	---
Ametryn	µg/L	-	-		---	---	---	---	---
Actril (loxynil)	µg/L	-	10 ^{#20}		---	---	---	---	---
Atraton	µg/L	-	-		---	---	---	---	---
Atrazine	µg/L	-	0.6 ^{#19}		---	---	---	---	---
Azinophos methyl	µg/L	-	0.01 ^{#30}		---	---	---	---	---
b-BHC	µg/L	-	-		---	---	---	---	---
Benazolin	µg/L	-	-		---	---	---	---	---
Bentazone	µg/L	-	500 ^{#20}		---	---	---	---	---
Bolstar (Sulprofos)	µg/L	-	-		---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}		---	---	---	---	---
gamma-Chlordane	µg/L	-	-		---	---	---	---	---
Chlorpyrifos	µg/L	-	0.03 ^{#19}		---	---	---	---	---
Clopyralid	µg/L	-	-		---	---	---	---	---
Coumaphos	µg/L	-	0.03 ^{#20}		---	---	---	---	---
d-BHC	µg/L	-	-		---	---	---	---	---
DDT	µg/L	-	0.01 ^{#39}		---	---	---	---	---
Demeton-O	µg/L	-	-		---	---	---	---	---
Demeton-S	µg/L	-	-		---	---	---	---	---
Diazinon	µg/L	-	0.01 ^{#19}		---	---	---	---	---
Dicamba	µg/L	-	-		---	---	---	---	---



Matrix Description		MG-C		MG-C		MG-C		MG-C		MG-C		MG-C	
Location Code		B-BH8		B-BH8		B-BH11		B-BH11		B-TP17		B-TP17	
Matrix Type		Soil		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		23-17193		23-17193		23-21436		23-21436		23-19884		23-19884	
Date		11 Jul 2023		11 Jul 2023		31 Aug 2023		31 Aug 2023		15 Aug 2023		15 Aug 2023	
Depth		5.1		5.1		3.75		3.75		4		4	
		Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS									
Dichlorvos	µg/L	-	-	0.04 ^{#20}	---	---	---	---	---	---	---	---	---
Dieldrin	µg/L	0.03 ^{#1}	-	0.00125 ^{#38}	---	---	---	---	---	---	---	---	---
Disulfoton	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Endosulfan I	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Endosulfan II	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Endrin	µg/L	-	-	0.00125 ^{#38}	---	---	---	---	---	---	---	---	---
Endrin aldehyde	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Endrin ketone	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Ethoprop	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Fensulfothion	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Fenthion	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Heptachlor	µg/L	0.03 ^{#1}	-	-	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Mecoprop	µg/L	-	-	18 ^{#19}	---	---	---	---	---	---	---	---	---
Merphos	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Methoxychlor	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Methyl parathion	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Phorate	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Picloram	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Prometon	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Prometryn	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Propazine	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Ronnel	µg/L	-	-	0.03 ^{#20}	---	---	---	---	---	---	---	---	---
Simazine	µg/L	-	-	1 ^{#19}	---	---	---	---	---	---	---	---	---
Stirophos	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Terbutryn	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Terbutylazine	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Trichloronate	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	-	---	---	---	---	---	---	---	---	---
Field													
pH (Field)	pH_Units	6.5-9.5 ^{#1}	-	-	8.3	---	6.5	---	9.4	---	---	---	---



Matrix Description				MG-C	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code				FOU_AUK_TP144	B-BH5	B-BH13	B-BH13	B-TP16	B-TP16	FOU_AUK_TP143	FOU_AUK_TP145
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				704774	23-24354	23-21901	23-21901	23-18900	23-18900	705778	705778
Date				07 Sep 2023	03 Oct 2023	07 Sep 2023	07 Sep 2023	03 Aug 2023	03 Aug 2023	06 Sep 2023	06 Sep 2023
Depth				0.5	5.2	0.5	0.5	1.3	1.3	0.5	0.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	22.7	240	63	---	180	---	80.1	224
Antimony (filtered)	µg/L	5 ^{#1}	-	---	3.4	<0.17	---	0.25	---	---	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	0.775	6.8	4.5	---	2.6	---	2.83	5.23
Barium (filtered)	µg/L	1,300 ^{#2}	-	180	20	44	---	52	---	35.7	35.4
Beryllium (filtered)	µg/L	-	-	---	<0.1	<0.1	---	<0.1	---	---	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	99.3	34	50	---	70	---	56.8	118
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	<0.08	<0.03	<0.03	---	<0.03	---	<0.08	<0.08
Calcium (filtered)	mg/L	-	-	22	14	380	---	68	---	33	172
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	<7	<7	---	<7	---	---	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	<30	---	---	---	---	---	<30	<30
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	1.5	1.7	<0.25	---	1.5	---	2.76	4.44
Chromium (Trivalent) (filtered)	µg/L	-	-	---	1.7	<1	---	1.5	---	---	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	4.01	3.7	1.6	---	1.2	---	0.82	10.2
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	213	---	---	---	---	---	<50	<50
Ferrous Iron	µg/L	-	1,000 ^{#23}	<100	---	---	---	---	---	<100	<100
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	239	16	<5.5	---	12	---	<19	376
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	0.353	1.5	0.11	---	<0.09	---	<0.2	<0.2
Magnesium (filtered)	mg/L	-	-	9.86	0.68	1.4	---	0.57	---	0.458	0.762
Manganese (filtered)	µg/L	50 ^{#1}	-	<3	2.6	8.1	---	2.1	---	<3	<3
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	<0.01	0.01	0.03	---	<0.01	---	0.0135	0.0174
Molybdenum (filtered)	µg/L	70 ^{#3}	-	6.88	5.1	5.1	---	<1.1	---	<3	18.9
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	1.13	<0.5	<0.5	---	<0.5	---	0.486	3.17
Potassium (filtered)	mg/L	-	-	0.322	4.1	6.7	---	16	---	3.06	16.5
Selenium (filtered)	µg/L	10 ^{#1}	-	<1	0.53	1.2	---	0.95	---	1.17	1.84
Silicon (filtered)	µg/L	-	-	3,730	---	---	---	---	---	15,500	7,300
Sodium (filtered)	mg/L	200 ^{#1}	-	6.23	2.7	3.2	---	2.3	---	2.51	13.7
Tin (filtered)	µg/L	-	10 ^{#25}	---	<0.4	<0.4	---	<0.4	---	---	---
Titanium (filtered)	µg/L	-	-	---	1.6	<0.3	---	<0.3	---	---	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	29	26	---	25	---	---	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	8.61	<1.3	1.4	---	<1.3	---	<1	1.24
Inorganics											
Total Hardness	mg/l	-	-	---	36.6	960	---	172	---	---	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	<0.02	0.07	---	0.03	---	---	---
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	0.367	0.248
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	<0.2	<0.015	0.058	0.052	0.025	0.025	<0.2	<0.2
Chloride	mg/L	250 ^{#1}	-	---	2.6	2.6	---	1.6	---	---	---
Chloride (filtered)	mg/L	250 ^{#1}	-	8.3	---	---	---	---	---	<2	4.5
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	220	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	<0.1	1.2	---	0.6	---	---	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	<2.5	---	---	---	---	---	<2.5	<2.5
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	<0.1	<0.1	---	3.8	---	---	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	<5	---	---	---	---	---	29.7	104
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	<40	<40	---	<40	---	---	---
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	<5	---	---	---	---	---	29.6	104
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	---	0.57	1.4	---	1.4	---	---	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	0.615	---	---	---	---	---	1.33	0.761
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	---	<0.1	0.31	---	<0.1	---	---	---
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	<0.05	---	---	---	---	---	<0.05	<0.05
Sulphate	mg/L	250 (SO4) ^{#7}	-	---	14	820	---	170	---	---	---
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	32.1	---	---	---	---	---	40.4	401
Sulphate (2:1 Water Soluble) as SO4	mg/L	-	-	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	-	-	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	8.59	---	---	---	8.3	---	10.3	10.1
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	8.53	---	---	---	---	---	10.3	9.94
Sulphate (Soluble) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	---	<10	86	---	<0.084	---	---	---
Sulphur as S (filtered)	mg/L	-	-	10	---	---	---	---	---	13.5	128
Sulphur (free)	mg/L	-	-	---	<0.084	<0.084	---	---	---	---	---
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	<10	22	---	15	---	---	---
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	21.1	---	---	---	---	---	<10	<10
Thiocyanate (as SCN)	µg/L	-	-	---	<20	<20	---	<20	---	---	---
Thiocyanate (as SCN) (filtered)	µg/L	-	-	<50	---	---	---	---	---	<50	<50

Matrix Description Location Code Matrix Type Lab Report Number Date Depth				MG-C	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
				FOU_AUK_TP144	B-BH5	B-BH13	B-BH13	B-TP16	B-TP16	FOU_AUK_TP143	FOU_AUK_TP145
				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				704774	23-24354	23-21901	23-21901	23-18900	23-18900	705778	705778
				07 Sep 2023	03 Oct 2023	07 Sep 2023	07 Sep 2023	03 Aug 2023	03 Aug 2023	06 Sep 2023	06 Sep 2023
				0.5	5.2	0.5	0.5	1.3	1.3	0.5	0.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Ortho phosphate as PO4	mg/l	-	-	---	<0.03	<0.03	---	<0.01	---	---	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	0.051	---	---	---	---	---	<0.05	<0.05
Silica	µg/L	-	-	---	---	6,500	---	---	---	---	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	140	370	---	400	---	---	---
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	1,780	---	---	---	---	---	785	<500
Other											
Dissolved Organic Carbon (filtered)	µg/L	-	-	---	<2,000	6,000	---	2,200	---	---	---
Electrical conductivity *(lab)	µS/cm	-	-	206	---	---	---	---	---	174	805
TPH CWG											
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<10	<0.1	<0.1	---	---	---	<10	<10
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	<10	<0.1	<0.1	---	---	---	<10	<10
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	<10	<0.1	<0.1	---	---	---	<10	<10
>C10-C44 Aliphatics	µg/L	-	-	---	<1	<1	---	---	---	---	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<10	<1	<1	---	---	---	<10	<10
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	<1	<1	---	---	---	---	---
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	See TPH	<10	---	---	---	---	---	<10	<10
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	<1	<1	---	---	---	---	---
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	See TPH	<10	---	---	---	---	---	<10	<10
>C16-C35 Aliphatics	µg/L	-	-	---	<2	<2	---	---	---	---	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	<1	<1	---	---	---	---	---
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	See TPH	<10	---	---	---	---	---	<10	<10
>C35-C44 Aliphatics	µg/L	-	-	---	<1	<1	---	---	---	---	---
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aliphatics >C12-C35 (filtered)	µg/L	-	-	<10	---	---	---	---	---	<10	<10
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	<0.1	<0.1	---	---	---	---	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<10	<0.1	<0.1	---	---	---	<10	<10
>EC10-EC44 Aromatics	µg/L	-	-	---	<1	<1	---	---	---	---	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	<10	<0.1	<0.1	---	---	---	<10	<10
>EC6-EC7 Aromatics	µg/L	-	-	<10	---	---	---	---	---	<10	<10
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	<10	<1	<1	---	---	---	<10	<10
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	<1	<1	---	---	---	---	---
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	See TPH	<10	---	---	---	---	---	<10	<10
>EC16-EC35 Aromatics (filtered)	µg/L	-	-	<10	---	---	---	---	---	<10	<10
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	<1	<1	---	---	---	---	---
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	See TPH	<10	---	---	---	---	---	<10	<10
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	<1	<1	---	---	---	---	---
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	See TPH	<10	---	---	---	---	---	<10	<10
>EC35-EC44 Aromatics	µg/L	-	-	---	<1	<1	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	<1	<1	---	---	---	---	---
Total Aromatics >EC5-EC35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	-	<10	---	---	---	---	---	<10	<10
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	<10	<10	<10	---	---	---	<10	<10
TPH											
EPH >C10-40	µg/L	-	-	---	110	11	---	25	---	---	---
GRO >C5-12	µg/L	-	-	<50	---	---	---	---	---	<50	<50
GRO C5-C10	µg/L	-	-	---	<1	<1	---	<1	---	---	---
BTEX and MTBE											
Benzene	µg/L	1 ^{#1}	8 ^{#19}	<1	<1	<1	---	---	---	<10	<100
Toluene	µg/L	700 ^{#2}	74 ^{#19}	<1	<1	<1	---	---	---	<10	<100
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	<1	<1	<1	---	---	---	<10	<100
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	<1	<2	<2	---	---	---	<10	<100
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	<1	<1	<1	---	---	---	<10	<100
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	<2	<3	<3	---	---	---	<20	<200
MTBE	µg/L	15 ^{#10}	15 ^{#10}	<1	<1	<1	---	---	---	<10	<100
Total BTEX	µg/L	-	-	<5	---	---	---	---	---	<50	<500
PAH											
Naphthalene	µg/L	-	2 ^{#19}	<1	0.08	<0.05	---	<0.05	---	<2	<2
Naphthalene (filtered)	µg/L	-	2 ^{#19}	<0.01	---	---	---	---	---	0.0345	0.0625
Acenaphthene	µg/L	-	-	<2	<0.01	<0.01	---	<0.01	---	<2	<2
Acenaphthene (filtered)	µg/L	-	-	<0.005	---	---	---	---	---	0.0206	0.0996
Acenaphthylene	µg/L	-	-	<2	<0.01	<0.01	---	<0.01	---	<2	<2
Acenaphthylene (filtered)	µg/L	-	-	<0.005	---	---	---	---	---	<0.005	0.0312
Fluoranthene	µg/L	-	0.0063 ^{#19}	<2	0.01	0.02	---	0.04	---	<2	<2
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#19}	<0.005	---	---	---	---	---	<0.005	0.0545
Anthracene	µg/L	-	0.1 ^{#19}	<2	<0.01	<0.01	---	<0.01	---	<2	<2
Anthracene (filtered)	µg/L	-	0.1 ^{#19}	<0.005	---	---	---	---	---	<0.005	0.0172
Phenanthrene	µg/L	-	-	<2	0.01	0.03	---	0.04	---	<2	<2
Phenanthrene (filtered)	µg/L	-	-	<0.005	---	---	---	---	---	<0.005	0.0613
Fluorene	µg/L	-	-	<2	<0.01	0.01	---	<0.01	---	<2	<2
Fluorene (filtered)	µg/L	-	-	<0.005	---	---	---	---	---	<0.005	0.0418
Chrysene	µg/L	-	-	<2	<0.01	<0.01	---	0.02	---	<2	<2

Matrix Description Location Code Matrix Type Lab Report Number Date Depth				MG-C		MG-G		MG-G		MG-G		MG-G		MG-G					
				FOU_AUK_TP144		B-BH5		B-BH13		B-BH13		B-TP16		B-TP16		FOU_AUK_TP143		FOU_AUK_TP145	
				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
				704774		23-24354		23-21901		23-21901		23-18900		23-18900		705778		705778	
				07 Sep 2023		03 Oct 2023		07 Sep 2023		07 Sep 2023		03 Aug 2023		03 Aug 2023		06 Sep 2023		06 Sep 2023	
				0.5		5.2		0.5		0.5		1.3		1.3		0.5		0.5	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS																
Chrysene (filtered)	µg/L	-	-	<0.005	---	---	---	---	---	---	---	<0.005	<0.005						
Pyrene	µg/L	-	-	<2	0.01	0.01	---	---	0.03	---	---	<2	<2						
Pyrene (filtered)	µg/L	-	-	<0.005	---	---	---	---	---	---	---	<0.005	0.0668						
Benzo(a)anthracene	µg/L	-	-	<2	<0.01	<0.01	---	---	0.01	---	---	<2	<2						
Benzo(a)anthracene (filtered)	µg/L	-	-	<0.005	---	---	---	---	---	---	---	<0.005	<0.005						
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<2	<0.01	<0.01	---	---	0.02	---	---	<2	<2						
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.005	---	---	---	---	---	---	---	<0.005	<0.005						
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<2	<0.01	<0.01	---	---	<0.01	---	---	<2	<2						
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.005	---	---	---	---	---	---	---	<0.005	<0.005						
Benzo(b+k)fluoranthene	µg/L	-	-	---	<0.02	<0.02	---	---	---	---	---	---	---						
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	<2	<0.01	<0.01	---	---	0.01	---	---	<2	<2						
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#34}	<0.002	---	---	---	---	---	---	---	<0.002	<0.002						
Dibenz(a,h)anthracene	µg/L	-	-	<2	<0.01	<0.01	---	---	<0.01	---	---	<2	<2						
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	<0.005	---	---	---	---	---	---	---	<0.005	<0.005						
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<2	<0.01	<0.01	---	---	0.01	---	---	<2	<2						
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.005	---	---	---	---	---	---	---	<0.005	<0.005						
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<2	<0.01	<0.01	---	---	0.01	---	---	<2	<2						
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.005	---	---	---	---	---	---	---	<0.005	<0.005						
PAH 16 Total	µg/L	-	-	---	<0.2	<0.2	---	---	0.2	---	---	---	---						
PAH 16 Total (filtered)	µg/L	-	-	<0.082	---	---	---	---	---	---	---	<0.082	0.435						
Phenolics																			
Total Phenols (monohydric)	µg/L	-	-	---	<100	<100	---	---	<100	---	---	---	---						
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	<1	<1	---	---	---	---	---	---	---						
Xylenols	µg/L	-	-	---	---	---	---	---	---	---	---	---	---						
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	<2	0.58	<0.1	---	---	---	---	---	<2	<2						
Phenols Monohydric	µg/L	-	-	---	---	---	---	---	---	---	---	---	---						
VOC																			
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	<2	<2	---	---	---	---	---	---	---						
Styrene	µg/L	-	50 ^{#20}	<1	<1	<1	---	---	---	---	---	<10	<100						
cis-1,3-dichloropropene	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100						
trans-1,3-dichloropropene	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100						
1,1,1,2-tetrachloroethane	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100						
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	<1	<1	<1	---	---	---	---	---	<10	<100						
1,1,2,2-tetrachloroethane	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100						
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	<1	<1	<1	---	---	---	---	---	<10	<100						
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	<1	<1	<1	---	---	---	---	---	<10	<100						
1,1-dichloroethene	µg/L	140 ^{#14}	-	<1	<1	<1	---	---	---	---	---	<10	<100						
1,1-dichloropropene	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100						
1,2,3-trichloropropane	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100						
1,2,4-trimethylbenzene	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100						
1,2-dibromo-3-chloropropane	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100						
1,2-dibromoethane	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100						
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	<1	<1	<1	---	---	---	---	---	<10	<100						
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	<2	<2	---	---	---	---	---	---	---						
1,2-dichloropropane	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100						
1,3,5-trimethylbenzene	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100						
1,3-dichloropropane	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100						
2,2-dichloropropane	µg/L	-	-	<1	<2	<2	---	---	---	---	---	<10	<100						
Trihalomethanes	µg/L	100 ^{#1}	-	---	<7	<7	---	---	---	---	---	---	---						
2-chlorotoluene	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100						
4-chlorotoluene	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100						
Bromobenzene	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100						
Bromochloromethane	µg/L	-	-	<1	<4	<4	---	---	---	---	---	<10	<100						
Bromodichloromethane	µg/L	25 ^{#15}	-	<1	<4	<4	---	---	---	---	---	<10	<100						
Bromoform	µg/L	25 ^{#15}	-	<1	<1	<1	---	---	---	---	---	<10	<100						
Bromomethane	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100						
Carbon disulfide	µg/L	-	-	<1	---	---	---	---	---	---	---	<10	<100						
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	<1	<1	<1	---	---	---	---	---	<10	<100						
Chlorodibromomethane	µg/L	25 ^{#15}	-	<1	<1	<1	---	---	---	---	---	<10	<100						
Chloroethane	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100						
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	1.27	<1	<1	---	---	---	---	---	<10	<100						
Chloromethane	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100						
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	<1	<1	<1	---	---	---	---	---	<10	<100						
Dibromomethane	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100						
Dichlorodifluoromethane	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100						
Dichloromethane	µg/L	-	20 ^{#19}	<3	<27,000	<27	---	---	---	---	---	<30	<300						
Isopropylbenzene	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100						
n-butylbenzene	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100						
n-propylbenzene	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100						



Matrix Description		MG-C		MG-G		MG-G		MG-G		MG-G		MG-G		MG-G	
Location Code		FOU_AUK_TP144		B-BH5		B-BH13		B-BH13		B-TP16		B-TP16		FOU_AUK_TP143	
Matrix Type		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		704774		23-24354		23-21901		23-21901		23-18900		23-18900		705778	
Date		07 Sep 2023		03 Oct 2023		07 Sep 2023		07 Sep 2023		03 Aug 2023		03 Aug 2023		06 Sep 2023	
Depth		0.5		5.2		0.5		0.5		1.3		1.3		0.5	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS												
p-isopropyltoluene	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100	<10	<100
sec-butylbenzene	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100	<10	<100
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	<1	<1	<1	---	---	---	---	---	<10	<100	<10	<100
tert-butylbenzene	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100	<10	<100
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	<1	<1	<1	---	---	---	---	---	<10	<100	<10	<100
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	<1	<1	<1	---	---	---	---	---	<10	<100	<10	<100
Trichlorofluoromethane	µg/L	-	-	<1	<1	<1	---	---	---	---	---	<10	<100	<10	<100
Vinyl chloride	µg/L	0.5 ^{#1}	-	<1	<1	<1	---	---	---	---	---	<10	<100	<10	<100
tert-Amyl methyl ether	µg/L	-	-	<1	<5	<5	---	---	---	---	---	<10	<100	<10	<100
VOC/SVOC															
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	<1	<1	---	---	---	---	---	<10	<100	<10	<100
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	<1	<1	---	---	---	---	---	<2	<2	<2	<2
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	<1	<1	---	---	---	---	---	<2	<2	<2	<2
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	---	---	---	---	---	---	---	<10	<100	<10	<100
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	<2	<2	---	---	---	---	---	<2	<2	<2	<2
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	<1	<1	---	---	---	---	---	<2	<2	<2	<2
Chlorobenzene	µg/L	100 ^{#18}	-	<1	<1	<1	---	---	---	---	---	<10	<100	<10	<100
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	<1	<1	<1	---	---	---	---	---	<2	<2	<2	<2
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	<2	<2	---	---	---	---	---	---	---	---	---
SVOC															
1,4-dinitrobenzene	µg/L	-	-	---	<1	<1	---	---	---	---	---	---	---	---	---
Benzyl alcohol	µg/L	-	-	---	<1	<1	---	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	µg/L	-	-	<2	<1	<1	---	---	---	---	---	<2	<2	<2	<2
4-nitroaniline	µg/L	-	-	<2	<1	<1	---	---	---	---	---	<2	<2	<2	<2
4-nitrophenol	µg/L	-	-	<2	<1	<1	---	---	---	---	---	<2	<2	<2	<2
1,3-Dinitrobenzene	µg/L	-	-	---	<1	<1	---	---	---	---	---	---	---	---	---
1-Methylnaphthalene	µg/L	-	-	---	<1	<1	---	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	<1	<1	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	<1	<1	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	<2	<1	<1	---	---	---	---	---	<2	<2	<2	<2
2,4,6-trichlorophenol	µg/L	-	-	<2	<0.1	<0.1	---	---	---	---	---	<2	<2	<2	<2
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	<2	<0.1	<0.1	---	---	---	---	---	<2	<2	<2	<2
2,4-dimethylphenol	µg/L	-	-	<2	<0.1	<0.1	---	---	---	---	---	<2	<2	<2	<2
2,4-dinitrotoluene	µg/L	-	-	<2	<1	<1	---	---	---	---	---	<2	<2	<2	<2
2,6-dichlorophenol	µg/L	-	-	---	<0.1	<0.1	---	---	---	---	---	---	---	---	---
2,6-Dimethylphenol	µg/L	-	-	---	<0.1	<0.1	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	µg/L	-	-	<2	<1	<1	---	---	---	---	---	<2	<2	<2	<2
2-chloronaphthalene	µg/L	-	-	<2	<1	<1	---	---	---	---	---	<2	<2	<2	<2
2-chlorophenol	µg/L	-	50 ^{#20}	<2	<1	<1	---	---	---	---	---	<2	<2	<2	<2
2-methylnaphthalene	µg/L	-	-	<2	<1	<1	---	---	---	---	---	<2	<2	<2	<2
2-methylphenol	µg/L	-	-	<2	<1	<1	---	---	---	---	---	<2	<2	<2	<2
2-nitroaniline	µg/L	-	-	<2	<1	<1	---	---	---	---	---	<2	<2	<2	<2
2-nitrophenol	µg/L	-	-	<2	---	---	---	---	---	---	---	<2	<2	<2	<2
3-nitroaniline	µg/L	-	-	<2	<1	<1	---	---	---	---	---	<2	<2	<2	<2
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	<2	<0.1	<0.1	---	---	---	---	---	<2	<2	<2	<2
4-chloroaniline	µg/L	-	-	<2	---	---	---	---	---	---	---	<2	<2	<2	<2
4-chlorophenyl phenyl ether	µg/L	-	-	<2	<1	<1	---	---	---	---	---	<2	<2	<2	<2
4-methylphenol	µg/L	-	-	<2	<0.1	<0.1	---	---	---	---	---	<2	<2	<2	<2
Aniline	µg/L	-	-	---	<1	<1	---	---	---	---	---	---	---	---	---
Azobenzene	µg/L	-	-	<2	<1	<1	---	---	---	---	---	<2	<2	<2	<2
Bis(2-chloroethoxy) methane	µg/L	-	-	<2	<1	<1	---	---	---	---	---	<2	<2	<2	<2
Bis(2-chloroethyl)ether	µg/L	-	-	<2	---	---	---	---	---	---	---	<2	<2	<2	<2
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	<1	<1	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	<4	<1	<1	---	---	---	---	---	<4	<4	<4	<4
Bis(2-ethylhexyl)ester	µg/L	-	-	---	<1	<1	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	<2	<1	<1	---	---	---	---	---	<2	<2	<2	<2
Carbazole	µg/L	-	-	<2	<1	<1	---	---	---	---	---	<2	<2	<2	<2
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---	---
Dibenzofuran	µg/L	-	-	<2	<1	<1	---	---	---	---	---	<2	<2	<2	<2
Diethylphthalate	µg/L	-	200 ^{#20}	3.28	<1	<1	---	---	---	---	---	<2	<2	<2	<2
Dimethyl phthalate	µg/L	-	800 ^{#20}	<2	<1	<1	---	---	---	---	---	<2	<2	<2	<2
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	<2	<1	<1	---	---	---	---	---	<2	<2	<2	<2
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	<10	<1	<1	---	---	---	---	---	<10	<10	<10	<10
Diphenylamine	µg/L	-	-	---	<1	<1	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	<2	<1	<1	---	---	---	---	---	<2	<2	<2	<2
Hexachlorocyclopentadiene	µg/L	-	-	<2	<1	<1	---	---	---	---	---	<2	<2	<2	<2
Hexachloroethane	µg/L	-	-	<2	---	---	---	---	---	---	---	<2	<2	<2	<2
Isophorone	µg/L	-	-	<2	---	---	---	---	---	---	---	<2	<2	<2	<2
Nitrobenzene	µg/L	-	-	<2	---	---	---	---	---	---	---	<2	<2	<2	<2
N-nitrosodi-n-propylamine	µg/L	-	-	<2	---	---	---	---	---	---	---	<2	<2	<2	<2



Matrix Description		MG-C		MG-G		MG-G		MG-G		MG-G		MG-G	
Location Code		FOU_AUK_TP144		B-BH5		B-BH13		B-BH13		B-TP16		B-TP16	
Matrix Type		Soil		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		704774		23-24354		23-21901		23-21901		23-18900		23-18900	
Date		07 Sep 2023		03 Oct 2023		07 Sep 2023		07 Sep 2023		03 Aug 2023		03 Aug 2023	
Depth		0.5		5.2		0.5		0.5		1.3		1.3	
		Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS									
Pentachlorophenol		µg/L	-	0.4 ^{#19}	<2	<1	<1	---	---	---	<2	<2	
PCB													
PCB 12		µg/L	-	-	---	---	---	---	---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)		µg/L	-	-	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)		µg/L	-	-	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)		µg/L	-	-	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)		µg/L	-	-	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)		µg/L	-	-	---	---	---	---	---	---	---	---	---
PCB 101		µg/L	-	-	---	---	---	---	---	---	---	---	---
PCB 118 + PCB 123		mg/L	-	-	---	---	---	---	---	---	---	---	---
PCB 138		µg/L	-	-	---	---	---	---	---	---	---	---	---
PCB 153		µg/L	-	-	---	---	---	---	---	---	---	---	---
PCB 180		µg/L	-	-	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31		µg/L	-	-	---	---	---	---	---	---	---	---	---
PCB 52		µg/L	-	-	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)		µg/L	-	-	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)		µg/L	-	-	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)		µg/L	-	-	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)		µg/L	-	-	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)		µg/L	-	-	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners		µg/L	-	-	---	---	---	---	---	---	---	---	---
Total PCB WHO 12		µg/L	-	-	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)		µg/L	-	-	---	---	---	---	---	---	---	---	---
Solvents													
Acetone		µg/L	-	-	---	---	---	---	---	---	---	---	---
PAH/Phenols													
PAHs (Sum of 4)		µg/L	-	-	---	---	---	---	---	---	---	---	---
Pesticides													
Heptachlor epoxide		µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---	---	---
Simetryn		mg/L	-	-	---	---	---	---	---	---	---	---	---
Tokuthion		µg/L	-	-	---	---	---	---	---	---	---	---	---
Secbumeton		µg/L	-	-	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)		µg/L	-	-	---	---	---	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid		µg/L	-	-	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)		µg/L	-	-	---	---	---	---	---	---	---	---	---
Hedonal		µg/L	-	0.3 ^{#19}	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid		µg/L	-	-	---	---	---	---	---	---	---	---	---
2,4-Dichlorprop		µg/L	-	-	---	---	---	---	---	---	---	---	---
4,4-DDE		µg/L	-	0.00625 ^{#37}	---	---	---	---	---	---	---	---	---
a-BHC		µg/L	-	-	---	---	---	---	---	---	---	---	---
Aldrin		µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---	---	---
Aldrin + Dieldrin		µg/L	-	-	---	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin		µg/L	-	-	---	---	---	---	---	---	---	---	---
Ametryn		µg/L	-	-	---	---	---	---	---	---	---	---	---
Actril (loxynil)		µg/L	-	10 ^{#20}	---	---	---	---	---	---	---	---	---
Atraton		µg/L	-	-	---	---	---	---	---	---	---	---	---
Atrazine		µg/L	-	0.6 ^{#19}	---	---	---	---	---	---	---	---	---
Azinophos methyl		µg/L	-	0.01 ^{#30}	---	---	---	---	---	---	---	---	---
b-BHC		µg/L	-	-	---	---	---	---	---	---	---	---	---
Benazolin		µg/L	-	-	---	---	---	---	---	---	---	---	---
Bentazone		µg/L	-	500 ^{#20}	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)		µg/L	-	-	---	---	---	---	---	---	---	---	---
Bromoxynil		µg/L	-	100 ^{#20}	---	---	---	---	---	---	---	---	---
gamma-Chlordane		µg/L	-	-	---	---	---	---	---	---	---	---	---
Chlorpyrifos		µg/L	-	0.03 ^{#19}	---	---	---	---	---	---	---	---	---
Clopyralid		µg/L	-	-	---	---	---	---	---	---	---	---	---
Coumaphos		µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---	---	---
d-BHC		µg/L	-	-	---	---	---	---	---	---	---	---	---
DDT		µg/L	-	0.01 ^{#39}	---	---	---	---	---	---	---	---	---
Demeton-O		µg/L	-	-	---	---	---	---	---	---	---	---	---
Demeton-S		µg/L	-	-	---	---	---	---	---	---	---	---	---
Diazinon		µg/L	-	0.01 ^{#19}	---	---	---	---	---	---	---	---	---
Dicamba		µg/L	-	-	---	---	---	---	---	---	---	---	---



Matrix Description		MG-C		MG-G		MG-G		MG-G		MG-G		MG-G	
Location Code		FOU_AUK_TP144		B-BH5		B-BH13		B-BH13		B-TP16		B-TP16	
Matrix Type		Soil		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		704774		23-24354		23-21901		23-21901		23-18900		23-18900	
Date		07 Sep 2023		03 Oct 2023		07 Sep 2023		07 Sep 2023		03 Aug 2023		03 Aug 2023	
Depth		0.5		5.2		0.5		0.5		1.3		1.3	
		UK Drinking Water Standards		UK Estuaries and coastal waters EQS									
	Unit												
Dichlorvos	µg/L	-		0.04 ^{#20}		---		---		---		---	
Dieldrin	µg/L	0.03 ^{#1}		0.00125 ^{#38}		---		---		---		---	
Disulfoton	µg/L	-		-		---		---		---		---	
Endosulfan I	µg/L	-		-		---		---		---		---	
Endosulfan II	µg/L	-		-		---		---		---		---	
Endosulfan sulphate	µg/L	-		-		---		---		---		---	
Endrin	µg/L	-		0.00125 ^{#38}		---		---		---		---	
Endrin aldehyde	µg/L	-		-		---		---		---		---	
Endrin ketone	µg/L	-		-		---		---		---		---	
Ethoprop	µg/L	-		-		---		---		---		---	
Fensulfothion	µg/L	-		-		---		---		---		---	
Fenthion	µg/L	-		-		---		---		---		---	
Fluroxypyr	µg/L	-		-		---		---		---		---	
g-BHC (Lindane)	µg/L	-		-		---		---		---		---	
Heptachlor	µg/L	0.03 ^{#1}		-		---		---		---		---	
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-		-		---		---		---		---	
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-		-		---		---		---		---	
Mecoprop	µg/L	-		18 ^{#19}		---		---		---		---	
Merphos	µg/L	-		-		---		---		---		---	
Methoxychlor	µg/L	-		-		---		---		---		---	
Methyl parathion	µg/L	-		-		---		---		---		---	
Mevinphos (Phosdrin)	µg/L	-		-		---		---		---		---	
Naled (Dibrom)	µg/L	-		-		---		---		---		---	
Phorate	µg/L	-		-		---		---		---		---	
Picloram	µg/L	-		-		---		---		---		---	
Prometon	µg/L	-		-		---		---		---		---	
Prometryn	µg/L	-		-		---		---		---		---	
Propazine	µg/L	-		-		---		---		---		---	
Ronnel	µg/L	-		0.03 ^{#20}		---		---		---		---	
Simazine	µg/L	-		1 ^{#19}		---		---		---		---	
Stirophos	µg/L	-		-		---		---		---		---	
Terbutryn	µg/L	-		-		---		---		---		---	
Terbutylazine	µg/L	-		-		---		---		---		---	
Trichloronate	µg/L	-		-		---		---		---		---	
Triclopyr	µg/L	-		-		---		---		---		---	
Field													
pH (Field)	pH_Units	6.5-9.5 ^{#1}		-		---		8.8		9.1		---	



Matrix Description				MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code				S1-BH16	S1-BH17	S1-TPE22	S1-TPE29	S1-TPE31	S1-TPE35	S1-TPE76
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12					
Date				13 Oct 2017	24 Oct 2017	01 Mar 2017	01 Mar 2017	02 Mar 2017	02 Mar 2017	19 Apr 2017
Depth				2.5 - 2.5	4 - 4	2	0.5	1.2	3	1.6
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Metals										
Aluminium (filtered)	µg/L	200 ^{#1}	-	---	---	---	---	---	---	---
Antimony (filtered)	µg/L	5 ^{#1}	-	---	---	---	---	---	---	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	---	---	1.6	1.6	0.31	1.2	0.77
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	---	15	5	37	15	200
Beryllium (filtered)	µg/L	-	-	---	---	<0.1	<0.1	<0.1	<0.1	<0.1
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	<100	<100	<100	<100	<100
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	---	---	<0.03	<0.03	<0.03	<0.03	0.03
Calcium (filtered)	mg/L	-	-	---	---	---	---	---	---	---
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	0.28	2.6	0.46	<0.25	21
Chromium (Trivalent) (filtered)	µg/L	-	-	---	---	0.28	2.6	0.46	<0.25	21
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	---	---	0.6	0.7	0.4	0.6	9.2
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	57	23	<5.5	<5.5	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	---	---	<0.09	0.63	<0.09	<0.09	0.92
Magnesium (filtered)	mg/L	-	-	---	---	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	---	---	1.1	1.8	4.6	1.3	0.36
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	---	---	0.01	0.02	<0.01	0.01	<0.01
Molybdenum (filtered)	µg/L	70 ^{#3}	-	---	---	---	---	---	---	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	---	---	<0.5	<0.5	<0.5	<0.5	<0.5
Potassium (filtered)	mg/L	-	-	---	---	---	---	---	---	---
Selenium (filtered)	µg/L	10 ^{#1}	-	---	---	0.69	0.68	<0.25	1.1	4.2
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	---	---	---	---	---	---	---
Tin (filtered)	µg/L	-	10 ^{#25}	---	---	---	---	---	---	---
Titanium (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	---	4.7	6.5	2	4.5	8.4
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	---	---	<1.3	<1.3	4.5	3.1	2.2
Inorganics										
Total Hardness	mg/l	-	-	---	---	---	---	---	---	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	---	---	---	---	---	---
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	---	---	<0.015	<0.015	<0.015	<0.015	0.017
Chloride	mg/L	250 ^{#1}	-	---	---	2.6	1.9	1.1	1.8	5.7
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---
Sulphate	mg/L	250 (SO4) ^{#7}	-	1,300.00	360.00	---	---	---	---	---
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	-	-	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	-	-	---	---	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	8	8.1	8	8.9	12.2
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---
Sulphate (Soluble) (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	---	---	---	---	---	---	---
Sulphur as S (filtered)	mg/L	-	-	---	---	---	---	---	---	---
Sulphur (free)	mg/L	-	-	---	---	---	---	---	---	---
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	---	---	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	---	---	---	---



Matrix Description				MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code				S1-BH16	S1-BH17	S1-TPE22	S1-TPE29	S1-TPE31	S1-TPE35	S1-TPE76
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12					
Date				13 Oct 2017	24 Oct 2017	01 Mar 2017	01 Mar 2017	02 Mar 2017	02 Mar 2017	19 Apr 2017
Depth				2.5 - 2.5	4 - 4	2	0.5	1.2	3	1.6
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Ortho phosphate as PO4	mg/l	-	-	---	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	---	---	---	---	---
Silica	µg/L	-	-	---	---	---	---	---	---	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---	---
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---	---
Other										
Dissolved Organic Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Electrical conductivity *(lab)	µS/cm	-	-	---	---	---	---	---	---	---
TPH CWG										
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C10-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C16-C35 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
Total Aliphatics >C12-C35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC10-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	---	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC6-EC7 Aromatics	µg/L	-	-	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC16-EC35 Aromatics (filtered)	µg/L	-	-	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	---	---	---	---	---	---
Total Aromatics >EC5-EC35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	---	---	---	---	---	---
TPH										
EPH >C10-40	µg/L	-	-	---	---	---	---	---	---	---
GRO >C5-12	µg/L	-	-	---	---	---	---	---	---	---
GRO C5-C10	µg/L	-	-	---	---	---	---	---	---	---
BTEX and MTBE										
Benzene	µg/L	1 ^{#1}	8 ^{#19}	---	---	---	---	---	---	---
Toluene	µg/L	700 ^{#2}	74 ^{#19}	---	---	---	---	---	---	---
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	---	---	---	---	---	---	---
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	---	---	---	---	---	---	---
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	---	---	---	---	---	---	---
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	---	---	---	---	---	---	---
MTBE	µg/L	15 ^{#10}	15 ^{#10}	---	---	---	---	---	---	---
Total BTEX	µg/L	-	-	---	---	---	---	---	---	---
PAH										
Naphthalene	µg/L	-	2 ^{#19}	---	---	---	---	---	---	---
Naphthalene (filtered)	µg/L	-	2 ^{#19}	---	---	---	---	---	---	---
Acenaphthene	µg/L	-	-	---	---	---	---	---	---	---
Acenaphthene (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Acenaphthylene	µg/L	-	-	---	---	---	---	---	---	---
Acenaphthylene (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Fluoranthene	µg/L	-	0.0063 ^{#19}	---	---	---	---	---	---	---
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#19}	---	---	---	---	---	---	---
Anthracene	µg/L	-	0.1 ^{#19}	---	---	---	---	---	---	---
Anthracene (filtered)	µg/L	-	0.1 ^{#19}	---	---	---	---	---	---	---
Phenanthrene	µg/L	-	-	---	---	---	---	---	---	---
Phenanthrene (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Fluorene	µg/L	-	-	---	---	---	---	---	---	---
Fluorene (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Chrysene	µg/L	-	-	---	---	---	---	---	---	---



Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		S1-BH16	S1-BH17	S1-TPE22	S1-TPE29	S1-TPE31	S1-TPE35	S1-TPE76
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12					
Date		13 Oct 2017	24 Oct 2017	01 Mar 2017	01 Mar 2017	02 Mar 2017	02 Mar 2017	19 Apr 2017
Depth		2.5 - 2.5	4 - 4	2	0.5	1.2	3	1.6
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS					
Chrysene (filtered)	µg/L	-	-	---	---	---	---	---
Pyrene	µg/L	-	-	---	---	---	---	---
Pyrene (filtered)	µg/L	-	-	---	---	---	---	---
Benzo(a)anthracene	µg/L	-	-	---	---	---	---	---
Benzo(a)anthracene (filtered)	µg/L	-	-	---	---	---	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---
Benzo(b+k)fluoranthene	µg/L	-	-	---	---	---	---	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	---	---	---	---
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	---	---	---	---
Dibenz(a,h)anthracene	µg/L	-	-	---	---	---	---	---
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	---	---	---	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---
PAH 16 Total	µg/L	-	-	---	---	---	---	---
PAH 16 Total (filtered)	µg/L	-	-	---	---	---	---	---
Phenolics								
Total Phenols (monohydric)	µg/L	-	-	---	---	---	---	---
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	---	---
Xylenols	µg/L	-	-	---	---	---	---	---
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	---	---	---	---
Phenols Monohydric	µg/L	-	-	---	---	---	---	---
VOC								
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---	---	---	---
Styrene	µg/L	-	50 ^{#20}	---	---	---	---	---
cis-1,3-dichloropropene	µg/L	-	-	---	---	---	---	---
trans-1,3-dichloropropene	µg/L	-	-	---	---	---	---	---
1,1,1,2-tetrachloroethane	µg/L	-	-	---	---	---	---	---
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	---	---	---	---	---
1,1,2,2-tetrachloroethane	µg/L	-	-	---	---	---	---	---
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	---	---	---	---	---
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	---	---	---	---	---
1,1-dichloroethene	µg/L	140 ^{#14}	-	---	---	---	---	---
1,1-dichloropropene	µg/L	-	-	---	---	---	---	---
1,2,3-trichloropropane	µg/L	-	-	---	---	---	---	---
1,2,4-trimethylbenzene	µg/L	-	-	---	---	---	---	---
1,2-dibromo-3-chloropropane	µg/L	-	-	---	---	---	---	---
1,2-dibromoethane	µg/L	-	-	---	---	---	---	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---	---	---	---
1,2-dichloropropane	µg/L	-	-	---	---	---	---	---
1,3,5-trimethylbenzene	µg/L	-	-	---	---	---	---	---
1,3-dichloropropane	µg/L	-	-	---	---	---	---	---
2,2-dichloropropane	µg/L	-	-	---	---	---	---	---
Trihalomethanes	µg/L	100 ^{#1}	-	---	---	---	---	---
2-chlorotoluene	µg/L	-	-	---	---	---	---	---
4-chlorotoluene	µg/L	-	-	---	---	---	---	---
Bromobenzene	µg/L	-	-	---	---	---	---	---
Bromochloromethane	µg/L	-	-	---	---	---	---	---
Bromodichloromethane	µg/L	25 ^{#15}	-	---	---	---	---	---
Bromoform	µg/L	25 ^{#15}	-	---	---	---	---	---
Bromomethane	µg/L	-	-	---	---	---	---	---
Carbon disulfide	µg/L	-	-	---	---	---	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	---	---	---	---	---
Chlorodibromomethane	µg/L	25 ^{#15}	-	---	---	---	---	---
Chloroethane	µg/L	-	-	---	---	---	---	---
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	---	---	---	---	---
Chloromethane	µg/L	-	-	---	---	---	---	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	---	---	---
Dibromomethane	µg/L	-	-	---	---	---	---	---
Dichlorodifluoromethane	µg/L	-	-	---	---	---	---	---
Dichloromethane	µg/L	-	20 ^{#19}	---	---	---	---	---
Isopropylbenzene	µg/L	-	-	---	---	---	---	---
n-butylbenzene	µg/L	-	-	---	---	---	---	---
n-propylbenzene	µg/L	-	-	---	---	---	---	---



Matrix Description		MG-G		MG-G		MG-G		MG-G		MG-G	
Location Code		S1-BH16		S1-BH17		S1-TPE22		S1-TPE29		S1-TPE31	
Matrix Type		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		20211022 ARC SSI1-SS12		20211022 ARC SSI1-SS12							
Date		13 Oct 2017		24 Oct 2017		01 Mar 2017		01 Mar 2017		02 Mar 2017	
Depth		2.5 - 2.5		4 - 4		2		0.5		1.2	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
p-isopropyltoluene	µg/L	-	-	---	---	---	---	---	---	---	---
sec-butylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	---	---	---	---	---	---
tert-butylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	---	---	---	---	---	---
Trichlorofluoromethane	µg/L	-	-	---	---	---	---	---	---	---	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	---	---	---	---	---	---	---
tert-Amyl methyl ether	µg/L	-	-	---	---	---	---	---	---	---	---
VOC/SVOC											
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	---	---	---	---	---
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	---	---	---	---	---
Chlorobenzene	µg/L	100 ^{#18}	-	---	---	---	---	---	---	---	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	---	---	---	---	---	---	---	---
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	---	---	---	---	---	---
SVOC											
1,4-dinitrobenzene	µg/L	-	-	---	---	---	---	---	---	---	---
Benzyl alcohol	µg/L	-	-	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	µg/L	-	-	---	---	---	---	---	---	---	---
4-nitroaniline	µg/L	-	-	---	---	---	---	---	---	---	---
4-nitrophenol	µg/L	-	-	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	µg/L	-	-	---	---	---	---	---	---	---	---
1-Methylnaphthalene	µg/L	-	-	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	---	---	---	---	---	---	---	---
2,4-dimethylphenol	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	µg/L	-	-	---	---	---	---	---	---	---	---
2,6-dichlorophenol	µg/L	-	-	---	---	---	---	---	---	---	---
2,6-Dimethylphenol	µg/L	-	-	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	µg/L	-	-	---	---	---	---	---	---	---	---
2-chloronaphthalene	µg/L	-	-	---	---	---	---	---	---	---	---
2-chlorophenol	µg/L	-	50 ^{#20}	---	---	---	---	---	---	---	---
2-methylnaphthalene	µg/L	-	-	---	---	---	---	---	---	---	---
2-methylphenol	µg/L	-	-	---	---	---	---	---	---	---	---
2-nitroaniline	µg/L	-	-	---	---	---	---	---	---	---	---
2-nitrophenol	µg/L	-	-	---	---	---	---	---	---	---	---
3-nitroaniline	µg/L	-	-	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	---	---	---	---	---	---	---	---
4-chloroaniline	µg/L	-	-	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	---	---	---	---	---	---	---
4-methylphenol	µg/L	-	-	---	---	---	---	---	---	---	---
Aniline	µg/L	-	-	---	---	---	---	---	---	---	---
Azobenzene	µg/L	-	-	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	µg/L	-	-	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	µg/L	-	-	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl)ester	µg/L	-	-	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	---	---	---	---	---	---	---
Carbazole	µg/L	-	-	---	---	---	---	---	---	---	---
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	---	---	---	---	---	---
Dibenzofuran	µg/L	-	-	---	---	---	---	---	---	---	---
Diethylphthalate	µg/L	-	200 ^{#20}	---	---	---	---	---	---	---	---
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	---	---	---	---	---	---	---
Diphenylamine	µg/L	-	-	---	---	---	---	---	---	---	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	µg/L	-	-	---	---	---	---	---	---	---	---
Hexachloroethane	µg/L	-	-	---	---	---	---	---	---	---	---
Isophorone	µg/L	-	-	---	---	---	---	---	---	---	---
Nitrobenzene	µg/L	-	-	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	---	---	---	---	---	---



Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		S1-BH16	S1-BH17	S1-TPE22	S1-TPE29	S1-TPE31	S1-TPE35	S1-TPE76
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12					
Date		13 Oct 2017	24 Oct 2017	01 Mar 2017	01 Mar 2017	02 Mar 2017	02 Mar 2017	19 Apr 2017
Depth		2.5 - 2.5	4 - 4	2	0.5	1.2	3	1.6
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS					
Pentachlorophenol	µg/L	-	0.4 ^{#19}	---	---	---	---	---
PCB								
PCB 12	µg/L	-	-	---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---	---	---	---
PCB 101	µg/L	-	-	---	---	---	---	---
PCB 118 + PCB 123	mg/L	-	-	---	---	---	---	---
PCB 138	µg/L	-	-	---	---	---	---	---
PCB 153	µg/L	-	-	---	---	---	---	---
PCB 180	µg/L	-	-	---	---	---	---	---
PCB 28 + PCB 31	µg/L	-	-	---	---	---	---	---
PCB 52	µg/L	-	-	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-	---	---	---	---	---
Total PCB WHO 12	µg/L	-	-	---	---	---	---	---
PCBs (Sum of total)	µg/L	-	-	---	---	---	---	---
Solvents								
Acetone	µg/L	-	-	---	---	---	---	---
PAH/Phenols								
PAHs (Sum of 4)	µg/L	-	-	---	---	---	---	---
Pesticides								
Heptachlor epoxide	µg/L	0.03 ^{#1}	-	---	---	---	---	---
Simetryn	mg/L	-	-	---	---	---	---	---
Tokuthion	µg/L	-	-	---	---	---	---	---
Secbumeton	µg/L	-	-	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---
2,4-Dichlorprop	µg/L	-	-	---	---	---	---	---
4,4-DDE	µg/L	-	0.00625 ^{#37}	---	---	---	---	---
a-BHC	µg/L	-	-	---	---	---	---	---
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---
Aldrin + Dieldrin	µg/L	-	-	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	µg/L	-	-	---	---	---	---	---
Ametryn	µg/L	-	-	---	---	---	---	---
Actril (loxynil)	µg/L	-	10 ^{#20}	---	---	---	---	---
Atraton	µg/L	-	-	---	---	---	---	---
Atrazine	µg/L	-	0.6 ^{#19}	---	---	---	---	---
Azinophos methyl	µg/L	-	0.01 ^{#30}	---	---	---	---	---
b-BHC	µg/L	-	-	---	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	---	---
Bentazone	µg/L	-	500 ^{#20}	---	---	---	---	---
Bolstar (Sulprofos)	µg/L	-	-	---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	---
gamma-Chlordane	µg/L	-	-	---	---	---	---	---
Chlorpyrifos	µg/L	-	0.03 ^{#19}	---	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---	---
Coumaphos	µg/L	-	0.03 ^{#20}	---	---	---	---	---
d-BHC	µg/L	-	-	---	---	---	---	---
DDT	µg/L	-	0.01 ^{#39}	---	---	---	---	---
Demeton-O	µg/L	-	-	---	---	---	---	---
Demeton-S	µg/L	-	-	---	---	---	---	---
Diazinon	µg/L	-	0.01 ^{#19}	---	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	---	---



Matrix Description				MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code				S1-BH16	S1-BH17	S1-TPE22	S1-TPE29	S1-TPE31	S1-TPE35	S1-TPE76
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				20211022 ARC SS11-SS12	20211022 ARC SS11-SS12					
Date				13 Oct 2017	24 Oct 2017	01 Mar 2017	01 Mar 2017	02 Mar 2017	02 Mar 2017	19 Apr 2017
Depth				2.5 - 2.5	4 - 4	2	0.5	1.2	3	1.6
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Dichlorvos	µg/L	-	0.04 ^{#20}	---	---	---	---	---	---	---
Dieldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---
Disulfoton	µg/L	-	-	---	---	---	---	---	---	---
Endosulfan I	µg/L	-	-	---	---	---	---	---	---	---
Endosulfan II	µg/L	-	-	---	---	---	---	---	---	---
Endosulfan sulphate	µg/L	-	-	---	---	---	---	---	---	---
Endrin	µg/L	-	0.00125 ^{#38}	---	---	---	---	---	---	---
Endrin aldehyde	µg/L	-	-	---	---	---	---	---	---	---
Endrin ketone	µg/L	-	-	---	---	---	---	---	---	---
Ethoprop	µg/L	-	-	---	---	---	---	---	---	---
Fensulfothion	µg/L	-	-	---	---	---	---	---	---	---
Fenthion	µg/L	-	-	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---
g-BHC (Lindane)	µg/L	-	-	---	---	---	---	---	---	---
Heptachlor	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---
Merphos	µg/L	-	-	---	---	---	---	---	---	---
Methoxychlor	µg/L	-	-	---	---	---	---	---	---	---
Methyl parathion	µg/L	-	-	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	µg/L	-	-	---	---	---	---	---	---	---
Naled (Dibrom)	µg/L	-	-	---	---	---	---	---	---	---
Phorate	µg/L	-	-	---	---	---	---	---	---	---
Picloram	µg/L	-	-	---	---	---	---	---	---	---
Prometon	µg/L	-	-	---	---	---	---	---	---	---
Prometryn	µg/L	-	-	---	---	---	---	---	---	---
Propazine	µg/L	-	-	---	---	---	---	---	---	---
Ronnel	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---
Simazine	µg/L	-	1 ^{#19}	---	---	---	---	---	---	---
Stirophos	µg/L	-	-	---	---	---	---	---	---	---
Terbutryn	µg/L	-	-	---	---	---	---	---	---	---
Terbutylazine	µg/L	-	-	---	---	---	---	---	---	---
Trichloronate	µg/L	-	-	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---
Field										
pH (Field)	pH_Units	6.5-9.5 ^{#1}	-	---	---	---	---	---	---	---



Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				12BT1	12BT1	12BT2	12BT2	12BT3	12BT3	15BT7	15ET6
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number											
Date				20 Apr 2004	20 Apr 2004	20 Apr 2004	20 Apr 2004	20 Apr 2004	20 Apr 2004	10 Jun 2004	10 Jun 2004
Depth				0.2 - 0.2	4 - 4	0.1 - 0.1	3.9 - 3.9	0.2 - 0.2	4 - 4	4 - 4	0.4 - 0.4
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	---	---	---	---	---	---	---	---
Antimony (filtered)	µg/L	5 ^{#1}	-	---	---	---	---	---	---	---	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	---	---	---	---	---	---	---
Beryllium (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	---	---	---	---	---	---	---	---
Calcium (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (Trivalent) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	---	---	---	---	---	---	---	---
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	---	---	---	---	---	---	---	---
Magnesium (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	---	---	---	---	---	---	---	---
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	---	---	---	---	---	---	---	---
Molybdenum (filtered)	µg/L	70 ^{#3}	-	---	---	---	---	---	---	---	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	---	---	---	---	---	---	---	---
Potassium (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Selenium (filtered)	µg/L	10 ^{#1}	-	---	---	---	---	---	---	---	---
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	---	---	---	---	---	---	---	---
Tin (filtered)	µg/L	-	10 ^{#25}	---	---	---	---	---	---	---	---
Titanium (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	---	---	---	---	---	---	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	---	---	---	---	---	---	---	---
Inorganics											
Total Hardness	mg/l	-	-	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	---	---	---	---	---	---	---
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	---	---	---	---	---	---	---	---
Chloride	mg/L	250 ^{#1}	-	---	---	---	---	---	---	---	---
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---	---
Sulphate	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---	---	---
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	-	-	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	-	-	---	---	---	---	---	---	2.62	1.86
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---	---
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---	---
Sulphate (Soluble) (filtered)	µg/L	-	-	11,000	7,500	768,000	1,690,000	1,620,000	1,640,000	---	---
Sulphur as S	mg/L	-	-	---	---	---	---	---	---	---	---
Sulphur as S (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Sulphur (free)	mg/L	-	-	---	---	---	---	---	---	---	---
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---	---
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	---	---	---	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
				12BT1	12BT1	12BT2	12BT2	12BT3	12BT3	15DT27	15ET26
				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				20 Apr 2004	20 Apr 2004	20 Apr 2004	20 Apr 2004	20 Apr 2004	20 Apr 2004	10 Jun 2004	10 Jun 2004
				0.2 - 0.2	4 - 4	0.1 - 0.1	3.9 - 3.9	0.2 - 0.2	4 - 4	4 - 4	0.4 - 0.4
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Ortho phosphate as PO4	mg/l	-	-	---	---	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Silica	µg/L	-	-	---	---	---	---	---	---	---	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---	---	---
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---	---	---
Other											
Dissolved Organic Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Electrical conductivity *(lab)	µS/cm	-	-	---	---	---	---	---	---	---	---
TPH CWG											
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C10-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C16-C35 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aliphatics >C12-C35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC10-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC6-EC7 Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC16-EC35 Aromatics (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	---	---	---	---	---	---	---
TPH											
EPH >C10-40	µg/L	-	-	---	---	---	---	---	---	---	---
GRO >C5-12	µg/L	-	-	---	---	---	---	---	---	---	---
GRO C5-C10	µg/L	-	-	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	µg/L	1 ^{#1}	8 ^{#19}	---	---	---	---	---	---	---	---
Toluene	µg/L	700 ^{#2}	74 ^{#19}	---	---	---	---	---	---	---	---
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	---	---	---	---	---	---	---	---
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	---	---	---	---	---	---	---	---
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	---	---	---	---	---	---	---	---
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	---	---	---	---	---	---	---	---
MTBE	µg/L	15 ^{#10}	15 ^{#10}	---	---	---	---	---	---	---	---
Total BTEX	µg/L	-	-	---	---	---	---	---	---	---	---
PAH											
Naphthalene	µg/L	-	2 ^{#19}	---	---	---	---	---	---	---	---
Naphthalene (filtered)	µg/L	-	2 ^{#19}	---	---	---	---	---	---	---	---
Acenaphthene	µg/L	-	-	---	---	---	---	---	---	---	---
Acenaphthene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Acenaphthylene	µg/L	-	-	---	---	---	---	---	---	---	---
Acenaphthylene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Fluoranthene	µg/L	-	0.0063 ^{#19}	---	---	---	---	---	---	---	---
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#19}	---	---	---	---	---	---	---	---
Anthracene	µg/L	-	0.1 ^{#19}	---	---	---	---	---	---	---	---
Anthracene (filtered)	µg/L	-	0.1 ^{#19}	---	---	---	---	---	---	---	---
Phenanthrene	µg/L	-	-	---	---	---	---	---	---	---	---
Phenanthrene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Fluorene	µg/L	-	-	---	---	---	---	---	---	---	---
Fluorene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Chrysene	µg/L	-	-	---	---	---	---	---	---	---	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		12BT1	12BT1	12BT2	12BT2	12BT3	12BT3	15DT27	15ET26
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number									
Date		20 Apr 2004	20 Apr 2004	20 Apr 2004	20 Apr 2004	20 Apr 2004	20 Apr 2004	10 Jun 2004	10 Jun 2004
Depth		0.2 - 0.2	4 - 4	0.1 - 0.1	3.9 - 3.9	0.2 - 0.2	4 - 4	4 - 4	0.4 - 0.4
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Chrysene (filtered)	µg/L	-	-	---	---	---	---	---	---
Pyrene	µg/L	-	-	---	---	---	---	---	---
Pyrene (filtered)	µg/L	-	-	---	---	---	---	---	---
Benzo(a)anthracene	µg/L	-	-	---	---	---	---	---	---
Benzo(a)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Benzo(b+k)fluoranthene	µg/L	-	-	---	---	---	---	---	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	---	---	---	---	---
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	---	---	---	---	---
Dibenz(a,h)anthracene	µg/L	-	-	---	---	---	---	---	---
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
PAH 16 Total	µg/L	-	-	---	---	---	---	---	---
PAH 16 Total (filtered)	µg/L	-	-	---	---	---	---	---	---
Phenolics									
Total Phenols (monohydric)	µg/L	-	-	---	---	---	---	---	---
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	---	---	---
Xylenols	µg/L	-	-	---	---	---	---	---	---
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	---	---	---	---	---
Phenols Monohydric	µg/L	-	-	---	---	---	---	---	---
VOC									
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---	---	---	---	---
Styrene	µg/L	-	50 ^{#20}	---	---	---	---	---	---
cis-1,3-dichloropropene	µg/L	-	-	---	---	---	---	---	---
trans-1,3-dichloropropene	µg/L	-	-	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	µg/L	-	-	---	---	---	---	---	---
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	µg/L	-	-	---	---	---	---	---	---
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	---	---	---	---	---	---
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	---	---	---	---	---	---
1,1-dichloroethene	µg/L	140 ^{#14}	-	---	---	---	---	---	---
1,1-dichloropropene	µg/L	-	-	---	---	---	---	---	---
1,2,3-trichloropropane	µg/L	-	-	---	---	---	---	---	---
1,2,4-trimethylbenzene	µg/L	-	-	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	µg/L	-	-	---	---	---	---	---	---
1,2-dibromoethane	µg/L	-	-	---	---	---	---	---	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---	---	---	---	---
1,2-dichloropropane	µg/L	-	-	---	---	---	---	---	---
1,3,5-trimethylbenzene	µg/L	-	-	---	---	---	---	---	---
1,3-dichloropropane	µg/L	-	-	---	---	---	---	---	---
2,2-dichloropropane	µg/L	-	-	---	---	---	---	---	---
Trihalomethanes	µg/L	100 ^{#1}	-	---	---	---	---	---	---
2-chlorotoluene	µg/L	-	-	---	---	---	---	---	---
4-chlorotoluene	µg/L	-	-	---	---	---	---	---	---
Bromobenzene	µg/L	-	-	---	---	---	---	---	---
Bromochloromethane	µg/L	-	-	---	---	---	---	---	---
Bromodichloromethane	µg/L	25 ^{#15}	-	---	---	---	---	---	---
Bromoform	µg/L	25 ^{#15}	-	---	---	---	---	---	---
Bromomethane	µg/L	-	-	---	---	---	---	---	---
Carbon disulfide	µg/L	-	-	---	---	---	---	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	---	---	---	---	---	---
Chlorodibromomethane	µg/L	25 ^{#15}	-	---	---	---	---	---	---
Chloroethane	µg/L	-	-	---	---	---	---	---	---
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	---	---	---	---	---	---
Chloromethane	µg/L	-	-	---	---	---	---	---	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	---	---	---	---
Dibromomethane	µg/L	-	-	---	---	---	---	---	---
Dichlorodifluoromethane	µg/L	-	-	---	---	---	---	---	---
Dichloromethane	µg/L	-	20 ^{#19}	---	---	---	---	---	---
Isopropylbenzene	µg/L	-	-	---	---	---	---	---	---
n-butylbenzene	µg/L	-	-	---	---	---	---	---	---
n-propylbenzene	µg/L	-	-	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		12BT1	12BT1	12BT2	12BT2	12BT3	12BT3	15BT27	15ET26
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number									
Date		20 Apr 2004	20 Apr 2004	20 Apr 2004	20 Apr 2004	20 Apr 2004	20 Apr 2004	10 Jun 2004	10 Jun 2004
Depth		0.2 - 0.2	4 - 4	0.1 - 0.1	3.9 - 3.9	0.2 - 0.2	4 - 4	4 - 4	0.4 - 0.4
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
p-isopropyltoluene	µg/L	-	-	---	---	---	---	---	---
sec-butylbenzene	µg/L	-	-	---	---	---	---	---	---
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	---	---	---	---
tert-butylbenzene	µg/L	-	-	---	---	---	---	---	---
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	---	---	---	---
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	---	---	---	---
Trichlorofluoromethane	µg/L	-	-	---	---	---	---	---	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	---	---	---	---	---
tert-Amyl methyl ether	µg/L	-	-	---	---	---	---	---	---
VOC/SVOC									
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	---	---	---
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	---	---	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	---	---	---
Chlorobenzene	µg/L	100 ^{#18}	-	---	---	---	---	---	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	---	---	---	---	---	---
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	---	---	---	---
SVOC									
1,4-dinitrobenzene	µg/L	-	-	---	---	---	---	---	---
Benzyl alcohol	µg/L	-	-	---	---	---	---	---	---
4-bromophenyl phenyl ether	µg/L	-	-	---	---	---	---	---	---
4-nitroaniline	µg/L	-	-	---	---	---	---	---	---
4-nitrophenol	µg/L	-	-	---	---	---	---	---	---
1,3-Dinitrobenzene	µg/L	-	-	---	---	---	---	---	---
1-Methylnaphthalene	µg/L	-	-	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	---	---	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	---	---	---	---	---	---
2,4,6-trichlorophenol	µg/L	-	-	---	---	---	---	---	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	---	---	---	---	---	---
2,4-dimethylphenol	µg/L	-	-	---	---	---	---	---	---
2,4-dinitrotoluene	µg/L	-	-	---	---	---	---	---	---
2,6-dichlorophenol	µg/L	-	-	---	---	---	---	---	---
2,6-Dimethylphenol	µg/L	-	-	---	---	---	---	---	---
2,6-dinitrotoluene	µg/L	-	-	---	---	---	---	---	---
2-chloronaphthalene	µg/L	-	-	---	---	---	---	---	---
2-chlorophenol	µg/L	-	50 ^{#20}	---	---	---	---	---	---
2-methylnaphthalene	µg/L	-	-	---	---	---	---	---	---
2-methylphenol	µg/L	-	-	---	---	---	---	---	---
2-nitroaniline	µg/L	-	-	---	---	---	---	---	---
2-nitrophenol	µg/L	-	-	---	---	---	---	---	---
3-nitroaniline	µg/L	-	-	---	---	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	---	---	---	---	---	---
4-chloroaniline	µg/L	-	-	---	---	---	---	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	---	---	---	---	---
4-methylphenol	µg/L	-	-	---	---	---	---	---	---
Aniline	µg/L	-	-	---	---	---	---	---	---
Azobenzene	µg/L	-	-	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	µg/L	-	-	---	---	---	---	---	---
Bis(2-chloroethyl)ether	µg/L	-	-	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	---	---	---	---	---
Bis(2-ethylhexyl)ester	µg/L	-	-	---	---	---	---	---	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	---	---	---	---	---
Carbazole	µg/L	-	-	---	---	---	---	---	---
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	---	---	---	---
Dibenzofuran	µg/L	-	-	---	---	---	---	---	---
Diethylphthalate	µg/L	-	200 ^{#20}	---	---	---	---	---	---
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	---	---	---	---	---
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	---	---	---	---	---
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	---	---	---	---	---
Diphenylamine	µg/L	-	-	---	---	---	---	---	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	---	---	---	---	---	---
Hexachlorocyclopentadiene	µg/L	-	-	---	---	---	---	---	---
Hexachloroethane	µg/L	-	-	---	---	---	---	---	---
Isophorone	µg/L	-	-	---	---	---	---	---	---
Nitrobenzene	µg/L	-	-	---	---	---	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		12BT1	12BT1	12BT2	12BT2	12BT3	12BT3	15BT27	15ET26
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number									
Date		20 Apr 2004	20 Apr 2004	20 Apr 2004	20 Apr 2004	20 Apr 2004	20 Apr 2004	10 Jun 2004	10 Jun 2004
Depth		0.2 - 0.2	4 - 4	0.1 - 0.1	3.9 - 3.9	0.2 - 0.2	4 - 4	4 - 4	0.4 - 0.4
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Pentachlorophenol	µg/L	-	0.4 ^{#19}	---	---	---	---	---	---
PCB									
PCB 12	µg/L	-	-	---	---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---	---	---	---	---
PCB 101	µg/L	-	-	---	---	---	---	---	---
PCB 118 + PCB 123	mg/L	-	-	---	---	---	---	---	---
PCB 138	µg/L	-	-	---	---	---	---	---	---
PCB 153	µg/L	-	-	---	---	---	---	---	---
PCB 180	µg/L	-	-	---	---	---	---	---	---
PCB 28 + PCB 31	µg/L	-	-	---	---	---	---	---	---
PCB 52	µg/L	-	-	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-	---	---	---	---	---	---
Total PCB WHO 12	µg/L	-	-	---	---	---	---	---	---
PCBs (Sum of total)	µg/L	-	-	---	---	---	---	---	---
Solvents									
Acetone	µg/L	-	-	---	---	---	---	---	---
PAH/Phenols									
PAHs (Sum of 4)	µg/L	-	-	---	---	---	---	---	---
Pesticides									
Heptachlor epoxide	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---
Simetryn	mg/L	-	-	---	---	---	---	---	---
Tokuthion	µg/L	-	-	---	---	---	---	---	---
Secbumeton	µg/L	-	-	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---	---
2,4-Dichlorprop	µg/L	-	-	---	---	---	---	---	---
4,4-DDE	µg/L	-	0.00625 ^{#37}	---	---	---	---	---	---
a-BHC	µg/L	-	-	---	---	---	---	---	---
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---
Aldrin + Dieldrin	µg/L	-	-	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	µg/L	-	-	---	---	---	---	---	---
Ametryn	µg/L	-	-	---	---	---	---	---	---
Actril (loxynil)	µg/L	-	10 ^{#20}	---	---	---	---	---	---
Atraton	µg/L	-	-	---	---	---	---	---	---
Atrazine	µg/L	-	0.6 ^{#19}	---	---	---	---	---	---
Azinophos methyl	µg/L	-	0.01 ^{#30}	---	---	---	---	---	---
b-BHC	µg/L	-	-	---	---	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	---	---	---
Bentazone	µg/L	-	500 ^{#20}	---	---	---	---	---	---
Bolstar (Sulprofos)	µg/L	-	-	---	---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	---	---
gamma-Chlordane	µg/L	-	-	---	---	---	---	---	---
Chlorpyrifos	µg/L	-	0.03 ^{#19}	---	---	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---	---	---
Coumaphos	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---
d-BHC	µg/L	-	-	---	---	---	---	---	---
DDT	µg/L	-	0.01 ^{#39}	---	---	---	---	---	---
Demeton-O	µg/L	-	-	---	---	---	---	---	---
Demeton-S	µg/L	-	-	---	---	---	---	---	---
Diazinon	µg/L	-	0.01 ^{#19}	---	---	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	---	---	---



Matrix Description		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG	
Location Code		12BT1		12BT1		12BT2		12BT2		12BT3	
Matrix Type		Soil		Soil		Soil		Soil		Soil	
Lab Report Number											
Date		20 Apr 2004		20 Apr 2004		20 Apr 2004		20 Apr 2004		20 Apr 2004	
Depth		0.2 - 0.2		4 - 4		0.1 - 0.1		3.9 - 3.9		0.2 - 0.2	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Dichlorvos	µg/L	-	0.04 ^{#20}	---	---	---	---	---	---	---	---
Dieldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---	---
Disulfoton	µg/L	-	-	---	---	---	---	---	---	---	---
Endosulfan I	µg/L	-	-	---	---	---	---	---	---	---	---
Endosulfan II	µg/L	-	-	---	---	---	---	---	---	---	---
Endosulfan sulphate	µg/L	-	-	---	---	---	---	---	---	---	---
Endrin	µg/L	-	0.00125 ^{#38}	---	---	---	---	---	---	---	---
Endrin aldehyde	µg/L	-	-	---	---	---	---	---	---	---	---
Endrin ketone	µg/L	-	-	---	---	---	---	---	---	---	---
Ethoprop	µg/L	-	-	---	---	---	---	---	---	---	---
Fensulfothion	µg/L	-	-	---	---	---	---	---	---	---	---
Fenthion	µg/L	-	-	---	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---	---
g-BHC (Lindane)	µg/L	-	-	---	---	---	---	---	---	---	---
Heptachlor	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---	---
Merphos	µg/L	-	-	---	---	---	---	---	---	---	---
Methoxychlor	µg/L	-	-	---	---	---	---	---	---	---	---
Methyl parathion	µg/L	-	-	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	µg/L	-	-	---	---	---	---	---	---	---	---
Naled (Dibrom)	µg/L	-	-	---	---	---	---	---	---	---	---
Phorate	µg/L	-	-	---	---	---	---	---	---	---	---
Picloram	µg/L	-	-	---	---	---	---	---	---	---	---
Prometon	µg/L	-	-	---	---	---	---	---	---	---	---
Prometryn	µg/L	-	-	---	---	---	---	---	---	---	---
Propazine	µg/L	-	-	---	---	---	---	---	---	---	---
Ronnel	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---	---
Simazine	µg/L	-	1 ^{#19}	---	---	---	---	---	---	---	---
Stirophos	µg/L	-	-	---	---	---	---	---	---	---	---
Terbutryn	µg/L	-	-	---	---	---	---	---	---	---	---
Terbutylazine	µg/L	-	-	---	---	---	---	---	---	---	---
Trichloronate	µg/L	-	-	---	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	6.5-9.5 ^{#1}	-	---	---	---	---	---	---	---	---



Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				15ET26	15ET35	15ET35	15ET36	15ET37	16BB1	A-BH3	A-BH3
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number										23-24360	23-24360
Date				10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	02 Oct 2023	02 Oct 2023
Depth				3.9 - 3.9	0.3 - 0.3	4.1 - 4.1	0.2 - 0.2	4.2 - 4.2	2.5 - 2.5	0.5	3.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	---	---	---	---	---	---	340	240
Antimony (filtered)	µg/L	5 ^{#1}	-	---	---	---	---	---	---	0.34	0.25
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	0.98	0.69
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	---	---	---	---	---	91	320
Beryllium (filtered)	µg/L	-	-	---	---	---	---	---	---	<0.1	<0.1
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	<12	17
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	---	---	---	---	---	---	<0.03	0.05
Calcium (filtered)	mg/L	-	-	---	---	---	---	---	---	82	200
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	<7	<7
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	---	---	---	---	8.8	35
Chromium (Trivalent) (filtered)	µg/L	-	-	---	---	---	---	---	---	8.8	35
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	---	---	---	---	---	---	3.2	3.4
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	<5.5	9.6
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	---	---	---	---	---	---	9.7	33
Magnesium (filtered)	mg/L	-	-	---	---	---	---	---	---	0.12	0.03
Manganese (filtered)	µg/L	50 ^{#1}	-	---	---	---	---	---	---	0.4	2.7
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	---	---	---	---	---	---	0.02	0.04
Molybdenum (filtered)	µg/L	70 ^{#3}	-	---	---	---	---	---	---	1.5	5.3
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	---	---	---	---	---	---	<0.5	0.5
Potassium (filtered)	mg/L	-	-	---	---	---	---	---	---	0.45	0.33
Selenium (filtered)	µg/L	10 ^{#1}	-	---	---	---	---	---	---	0.29	1.6
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	---	---	---	---	---	---	0.65	0.43
Tin (filtered)	µg/L	-	10 ^{#25}	---	---	---	---	---	---	<0.4	<0.4
Titanium (filtered)	µg/L	-	-	---	---	---	---	---	---	0.6	<0.3
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	---	---	---	---	---	13	4.4
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	---	---	---	---	---	---	2.8	11
Inorganics											
Total Hardness	mg/l	-	-	---	---	---	---	---	---	205	499
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	---	---	---	---	---	<0.02	<0.02
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	---	---	---	---	---	---	<0.015	<0.015
Chloride	mg/L	250 ^{#1}	-	---	---	---	---	---	---	2.5	2.3
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	0.1	0.1
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	0.1	0.1
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	<40	<40
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	1.9	1.2
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	<0.1	<0.1
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---	---
Sulphate	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---	9.2	4.5
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	-	-	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	-	-	2.28	1.96	2.06	2.42	2.26	0.0106	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---	---
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---	---
Sulphate (Soluble) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	---	---	---	---	---	---	<10	<10
Sulphur as S (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Sulphur (free)	mg/L	-	-	---	---	---	---	---	---	<0.084	<0.084
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	<10	<10
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	---	---	---	---	---	---	<20	<20
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---

Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				15ET26	15ET35	15ET35	15ET36	15ET37	16BB1	A-BH3
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number										
Date				10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	02 Oct 2023
Depth				3.9 - 3.9	0.3 - 0.3	4.1 - 4.1	0.2 - 0.2	4.2 - 4.2	2.5 - 2.5	0.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Ortho phosphate as PO4	mg/l	-	-	---	---	---	---	---	---	<0.03
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	---	---	---	---	<0.03
Silica	µg/L	-	-	---	---	---	---	---	---	<100
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---	240
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---	370
Other										
Dissolved Organic Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---	<2,000
Electrical conductivity *(lab)	µS/cm	-	-	---	---	---	---	---	---	2,200
TPH CWG										
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	<0.1
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	<0.1
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	<0.1
>C10-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	---	<1
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	12
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	<1
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	<1
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	<1
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	9.4
>C16-C35 Aliphatics	µg/L	-	-	---	---	---	---	---	---	<2
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	<1
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	11.6
>C35-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	---	2.2
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---	<1
Total Aliphatics >C12-C35 (filtered)	µg/L	-	-	---	---	---	---	---	---	<1
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	<1
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	<0.1
>EC10-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	---	<0.1
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	<1
>EC6-EC7 Aromatics	µg/L	-	-	---	---	---	---	---	---	<0.1
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	<1
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	<1
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	<1
>EC16-EC35 Aromatics (filtered)	µg/L	-	-	---	---	---	---	---	---	<1
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	<1
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	<1
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	<1
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	<1
>EC35-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	---	<1
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	---	---	---	---	---	<1
Total Aromatics >EC5-EC35	µg/L	See TPH	See TPH	---	---	---	---	---	---	12
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	-	---	---	---	---	---	---	<1
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	---	---	---	---	---	<10
TPH										11.6
EPH >C10-40	µg/L	-	-	---	---	---	---	---	---	<1
GRO >C5-12	µg/L	-	-	---	---	---	---	---	---	<1
GRO C5-C10	µg/L	-	-	---	---	---	---	---	---	<1

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		15ET26	15ET35	15ET35	15ET36	15ET37	16BB1	A-BH3	A-BH3
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number								23-24360	23-24360
Date		10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	02 Oct 2023	02 Oct 2023
Depth		3.9 - 3.9	0.3 - 0.3	4.1 - 4.1	0.2 - 0.2	4.2 - 4.2	2.5 - 2.5	0.5	3.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Chrysene (filtered)	µg/L	-	-	---	---	---	---	---	---
Pyrene	µg/L	-	-	---	---	---	---	<0.01	<0.01
Pyrene (filtered)	µg/L	-	-	---	---	---	---	---	---
Benzo(a)anthracene	µg/L	-	-	---	---	---	---	<0.01	<0.01
Benzo(a)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	<0.01	<0.01
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	<0.01	<0.01
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Benzo(b+k)fluoranthene	µg/L	-	-	---	---	---	---	<0.02	<0.02
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	---	---	---	<0.01	<0.01
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	---	---	---	---	---
Dibenz(a,h)anthracene	µg/L	-	-	---	---	---	---	<0.01	<0.01
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	<0.01	<0.01
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	<0.01	<0.01
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
PAH 16 Total	µg/L	-	-	---	---	---	---	<0.2	<0.2
PAH 16 Total (filtered)	µg/L	-	-	---	---	---	---	---	---
Phenolics									
Total Phenols (monohydric)	µg/L	-	-	---	---	---	---	<100	<100
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	---	<1	<1
Xylenols	µg/L	-	-	---	---	---	---	---	---
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	---	---	---	<0.1	<0.1
Phenols Monohydric	µg/L	-	-	---	---	---	---	---	---
VOC									
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---	---	---	<2	<2
Styrene	µg/L	-	50 ^{#20}	---	---	---	---	<1	<1
cis-1,3-dichloropropene	µg/L	-	-	---	---	---	---	<1	<1
trans-1,3-dichloropropene	µg/L	-	-	---	---	---	---	<1	<1
1,1,1,2-tetrachloroethane	µg/L	-	-	---	---	---	---	<1	<1
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	---	---	---	---	<1	<1
1,1,2,2-tetrachloroethane	µg/L	-	-	---	---	---	---	<1	<1
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	---	---	---	---	<1	<1
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	---	---	---	---	<1	<1
1,1-dichloroethene	µg/L	140 ^{#14}	-	---	---	---	---	<1	<1
1,1-dichloropropene	µg/L	-	-	---	---	---	---	<1	<1
1,2,3-trichloropropane	µg/L	-	-	---	---	---	---	<1	<1
1,2,4-trimethylbenzene	µg/L	-	-	---	---	---	---	<1	<1
1,2-dibromo-3-chloropropane	µg/L	-	-	---	---	---	---	<1	<1
1,2-dibromoethane	µg/L	-	-	---	---	---	---	<1	<1
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	---	---	---	---	<1	<1
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---	---	---	<2	<2
1,2-dichloropropane	µg/L	-	-	---	---	---	---	<1	<1
1,3,5-trimethylbenzene	µg/L	-	-	---	---	---	---	<1	<1
1,3-dichloropropane	µg/L	-	-	---	---	---	---	<1	<1
2,2-dichloropropane	µg/L	-	-	---	---	---	---	<2	<2
Trihalomethanes	µg/L	100 ^{#1}	-	---	---	---	---	<7	<7
2-chlorotoluene	µg/L	-	-	---	---	---	---	<1	<1
4-chlorotoluene	µg/L	-	-	---	---	---	---	<1	<1
Bromobenzene	µg/L	-	-	---	---	---	---	<1	<1
Bromochloromethane	µg/L	-	-	---	---	---	---	<4	<4
Bromodichloromethane	µg/L	25 ^{#15}	-	---	---	---	---	<4	<4
Bromoform	µg/L	25 ^{#15}	-	---	---	---	---	<1	<1
Bromomethane	µg/L	-	-	---	---	---	---	<1	<1
Carbon disulfide	µg/L	-	-	---	---	---	---	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	---	---	---	---	<1	<1
Chlorodibromomethane	µg/L	25 ^{#15}	-	---	---	---	---	<1	<1
Chloroethane	µg/L	-	-	---	---	---	---	<1	<1
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	---	---	---	---	<1	<1
Chloromethane	µg/L	-	-	---	---	---	---	<1	<1
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	---	---	<1	<1
Dibromomethane	µg/L	-	-	---	---	---	---	<1	<1
Dichlorodifluoromethane	µg/L	-	-	---	---	---	---	<1	<1
Dichloromethane	µg/L	-	20 ^{#19}	---	---	---	---	<27	<2,700
Isopropylbenzene	µg/L	-	-	---	---	---	---	<1	<1
n-butylbenzene	µg/L	-	-	---	---	---	---	<1	<1
n-propylbenzene	µg/L	-	-	---	---	---	---	<1	<1



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		15ET26	15ET35	15ET35	15ET36	15ET37	16BB1	A-BH3	A-BH3	
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
Lab Report Number								23-24360	23-24360	
Date		10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	02 Oct 2023	02 Oct 2023	
Depth		3.9 - 3.9	0.3 - 0.3	4.1 - 4.1	0.2 - 0.2	4.2 - 4.2	2.5 - 2.5	0.5	3.5	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
p-isopropyltoluene	µg/L	-	-	---	---	---	---	---	<1	<1
sec-butylbenzene	µg/L	-	-	---	---	---	---	---	<1	<1
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	---	---	---	<1	<1
tert-butylbenzene	µg/L	-	-	---	---	---	---	---	<1	<1
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	---	---	---	<1	<1
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	---	---	---	<1	<1
Trichlorofluoromethane	µg/L	-	-	---	---	---	---	---	<1	<1
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	---	---	---	---	<1	<1
tert-Amyl methyl ether	µg/L	-	-	---	---	---	---	---	<5	<5
VOC/SVOC										
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---	<1	<1
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---	<1	<1
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	---	---	<1	<1
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	---	---	<2	<2
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	---	---	<1	<1
Chlorobenzene	µg/L	100 ^{#18}	-	---	---	---	---	---	<1	<1
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	---	---	---	---	---	<1	<1
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	---	---	---	<2	<2
SVOC										
1,4-dinitrobenzene	µg/L	-	-	---	---	---	---	---	<1	<1
Benzyl alcohol	µg/L	-	-	---	---	---	---	---	<1	<1
4-bromophenyl phenyl ether	µg/L	-	-	---	---	---	---	---	<1	<1
4-nitroaniline	µg/L	-	-	---	---	---	---	---	<1	<1
4-nitrophenol	µg/L	-	-	---	---	---	---	---	<1	<1
1,3-Dinitrobenzene	µg/L	-	-	---	---	---	---	---	<1	<1
1-Methylnaphthalene	µg/L	-	-	---	---	---	---	---	<1	<1
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	---	---	---	---	<1	<1
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	---	---	---	---	<1	<1
2,4,5-trichlorophenol	µg/L	-	-	---	---	---	---	---	<1	<1
2,4,6-trichlorophenol	µg/L	-	-	---	---	---	---	---	<0.1	<0.1
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	---	---	---	---	---	<0.1	<0.1
2,4-dimethylphenol	µg/L	-	-	---	---	---	---	---	<0.1	<0.1
2,4-dinitrotoluene	µg/L	-	-	---	---	---	---	---	<1	<1
2,6-dichlorophenol	µg/L	-	-	---	---	---	---	---	<0.1	<0.1
2,6-Dimethylphenol	µg/L	-	-	---	---	---	---	---	<0.1	<0.1
2,6-dinitrotoluene	µg/L	-	-	---	---	---	---	---	<1	<1
2-chloronaphthalene	µg/L	-	-	---	---	---	---	---	<1	<1
2-chlorophenol	µg/L	-	50 ^{#20}	---	---	---	---	---	<1	<1
2-methylnaphthalene	µg/L	-	-	---	---	---	---	---	<1	<1
2-methylphenol	µg/L	-	-	---	---	---	---	---	<1	<1
2-nitroaniline	µg/L	-	-	---	---	---	---	---	<1	<1
2-nitrophenol	µg/L	-	-	---	---	---	---	---	---	---
3-nitroaniline	µg/L	-	-	---	---	---	---	---	<1	<1
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	---	---	---	---	---	<0.1	<0.1
4-chloroaniline	µg/L	-	-	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	---	---	---	---	<1	<1
4-methylphenol	µg/L	-	-	---	---	---	---	---	<0.1	<0.1
Aniline	µg/L	-	-	---	---	---	---	---	<1	<1
Azobenzene	µg/L	-	-	---	---	---	---	---	<1	<1
Bis(2-chloroethoxy) methane	µg/L	-	-	---	---	---	---	---	<1	<1
Bis(2-chloroethoxy) ether	µg/L	-	-	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	---	---	<1	<1
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	---	---	---	---	<1	<1
Bis(2-ethylhexyl) ester	µg/L	-	-	---	---	---	---	---	<1	<1
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	---	---	---	---	<1	<1
Carbazole	µg/L	-	-	---	---	---	---	---	<1	<1
Di(2-ethylhexyl) adipate	µg/L	-	-	---	---	---	---	---	---	---
Dibenzofuran	µg/L	-	-	---	---	---	---	---	<1	<1
Diethylphthalate	µg/L	-	200 ^{#20}	---	---	---	---	---	<1	<1
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	---	---	---	---	<1	<1
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	---	---	---	---	<1	<1
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	---	---	---	---	<1	<1
Diphenylamine	µg/L	-	-	---	---	---	---	---	<1	<1
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	---	---	---	---	---	<1	<1
Hexachlorocyclopentadiene	µg/L	-	-	---	---	---	---	---	<1	<1
Hexachloroethane	µg/L	-	-	---	---	---	---	---	---	---
Isophorone	µg/L	-	-	---	---	---	---	---	---	---
Nitrobenzene	µg/L	-	-	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		15ET26	15ET35	15ET35	15ET36	15ET37	16BB1	A-BH3	A-BH3	
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
Lab Report Number								23-24360	23-24360	
Date		10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	02 Oct 2023	02 Oct 2023	
Depth		3.9 - 3.9	0.3 - 0.3	4.1 - 4.1	0.2 - 0.2	4.2 - 4.2	2.5 - 2.5	0.5	3.5	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Pentachlorophenol	µg/L	-	0.4 ^{#19}					<0.02	<1	
PCB										
PCB 12	µg/L	-	-							
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-							
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-							
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-							
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-							
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-							
PCB 101	µg/L	-	-							
PCB 118 + PCB 123	mg/L	-	-							
PCB 138	µg/L	-	-							
PCB 153	µg/L	-	-							
PCB 180	µg/L	-	-							
PCB 28 + PCB 31	µg/L	-	-							
PCB 52	µg/L	-	-							
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-							
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-							
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-							
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-							
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-							
Total PCB 7 Congeners	µg/L	-	-							
Total PCB WHO 12	µg/L	-	-							
PCBs (Sum of total)	µg/L	-	-							
Solvents										
Acetone	µg/L	-	-							
PAH/Phenols										
PAHs (Sum of 4)	µg/L	-	-							
Pesticides										
Heptachlor epoxide	µg/L	0.03 ^{#1}	-					<1		
Simetryn	mg/L	-	-					<0.001		
Tokuthion	µg/L	-	-					<1		
Secbumeton	µg/L	-	-					<1		
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-					<0.02		
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-					<0.02		
2,4,5-TP (Silvex)	µg/L	-	-					<0.02		
Hedonal	µg/L	-	0.3 ^{#19}					<0.02		
2,4-dichlorophenoxybutanoic acid	µg/L	-	-					<0.02		
2,4-Dichlorprop	µg/L	-	-					<0.02		
4,4-DDE	µg/L	-	0.00625 ^{#37}					<1		
a-BHC	µg/L	-	-					<1		
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}					<1		
Aldrin + Dieldrin	µg/L	-	-					<2		
Aldrin+Dieldrin+Endrin+Isodrin	µg/L	-	-					<3		
Ametryn	µg/L	-	-					<1		
Actril (loxynil)	µg/L	-	10 ^{#20}					<0.02		
Atraton	µg/L	-	-					<1		
Atrazine	µg/L	-	0.6 ^{#19}					<1		
Azinophos methyl	µg/L	-	0.01 ^{#30}					<1		
b-BHC	µg/L	-	-					<1		
Benazolin	µg/L	-	-					<0.02		
Bentazone	µg/L	-	500 ^{#20}					<0.02		
Bolstar (Sulprofos)	µg/L	-	-					<1		
Bromoxynil	µg/L	-	100 ^{#20}					<0.02		
gamma-Chlordane	µg/L	-	-					<1		
Chlorpyrifos	µg/L	-	0.03 ^{#19}					<1		
Clopyralid	µg/L	-	-					<0.02		
Coumaphos	µg/L	-	0.03 ^{#20}					<1		
d-BHC	µg/L	-	-					<1		
DDT	µg/L	-	0.01 ^{#39}					<1		
Demeton-O	µg/L	-	-					<1		
Demeton-S	µg/L	-	-					<1		
Diazinon	µg/L	-	0.01 ^{#19}					<1		
Dicamba	µg/L	-	-					<0.02		

Matrix Description	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code	15ET26	15ET35	15ET35	15ET36	15ET37	16BB1	A-BH3	A-BH3
Matrix Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number							23-24360	23-24360
Date	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	10 Jun 2004	02 Oct 2023	02 Oct 2023
Depth	3.9 - 3.9	0.3 - 0.3	4.1 - 4.1	0.2 - 0.2	4.2 - 4.2	2.5 - 2.5	0.5	3.5

[illegible]



Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-TP5	B-BH1
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-05120	23-05120	23-05120	23-05120	23-05120	23-05120	23-26202	23-24808
Date				23 Feb 2023	23 Feb 2023	23 Feb 2023	24 Feb 2023	24 Feb 2023	24 Feb 2023	31 Oct 2023	11 Oct 2023
Depth				0.5	0.5	0.5	3.35	3.35	3.35	0.5	0.7
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	---	610	---	---	110	---	430	280
Antimony (filtered)	µg/L	5 ^{#1}	-	---	1.3	---	---	<0.17	---	0.57	<0.17
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	---	3.5	---	---	<0.16	---	3	1.4
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	28	---	---	280	---	52	98
Beryllium (filtered)	µg/L	-	-	---	<0.1	---	---	<0.1	---	<0.1	<0.1
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	36	---	---	<12	---	84	<12
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	---	<0.03	---	---	0.05	---	<0.03	<0.03
Calcium (filtered)	mg/L	-	-	---	33	---	---	110	---	36	220
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	<7	---	---	<7	---	<7	<7
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	---	---	---	---	16	0.27
Chromium (Trivalent) (filtered)	µg/L	-	-	---	<1	---	---	4.3	---	16	<1
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	---	2.5	---	---	4.7	---	4.5	2
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	---	17	---	---	<5.5	---	30	<5.5
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	---	1	---	---	5.1	---	0.19	0.13
Magnesium (filtered)	mg/L	-	-	---	0.48	---	---	0.09	---	0.35	0.79
Manganese (filtered)	µg/L	50 ^{#1}	-	---	1.1	---	---	0.68	---	0.48	1.7
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	---	0.07	---	---	0.11	---	0.03	0.03
Molybdenum (filtered)	µg/L	70 ^{#3}	-	---	15	---	---	4.1	---	4.1	3.9
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	---	<0.5	---	---	<0.5	---	1.2	<0.5
Potassium (filtered)	mg/L	-	-	---	7.3	---	---	2.7	---	0.8	21
Selenium (filtered)	µg/L	10 ^{#1}	-	---	1.8	---	---	0.88	---	1.1	1
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	---	8.4	---	---	1.9	---	0.9	23
Tin (filtered)	µg/L	-	10 ^{#25}	---	<0.4	---	---	<0.4	---	<0.4	<0.4
Titanium (filtered)	µg/L	-	-	---	0.9	---	---	<0.3	---	<0.3	<0.3
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	49	---	---	10	---	30	24
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	---	8.3	---	---	4.1	---	<1.3	<1.3
Inorganics											
Total Hardness	mg/l	-	-	---	85.4	---	---	278	---	92	549
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	0.32	---	---	0.12	---	<0.02	<0.02
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	---	0.26	0.25	---	0.099	0.094	<0.015	<0.015
Chloride	mg/L	250 ^{#1}	-	---	1.2	---	---	0.84	---	2.2	17
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	<0.1	---	---	0.1	---	5.2	<0.1
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	0.3	---	---	0.2	---	98	0.4
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	<40	---	---	<40	---	50	<40
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	---	0.37	---	---	0.46	---	1.4	<0.1
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	---	<0.1	---	---	<0.1	---	<0.1	<0.1
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---	---
Sulphate	mg/L	250 (SO4) ^{#7}	-	1,400	140	---	610	8	---	43	510
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	-	-	1,400	---	---	610	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	-	-	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	8.1	---	---	11.7	---	---	---
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---	---
Sulphate (Soluble) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	---	15	<0.084	---	16	<0.084	13	270
Sulphur as S (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Sulphur (free)	mg/L	-	-	---	<0.084	---	---	<0.084	---	<0.084	<0.084
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	<10	---	---	<10	---	<10	<10
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	---	<20	---	---	<20	---	<20	<20
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---

Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-TP5	B-BH1
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-05120	23-05120	23-05120	23-05120	23-05120	23-05120	23-26202	23-24808
Date				23 Feb 2023	23 Feb 2023	23 Feb 2023	24 Feb 2023	24 Feb 2023	24 Feb 2023	31 Oct 2023	11 Oct 2023
Depth				0.5	0.5	0.5	3.35	3.35	3.35	0.5	0.7
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Ortho phosphate as PO4	mg/l	-	-	---	<0.01	---	---	<0.01	---	0.05	<0.03
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Silica	µg/L	-	-	---	5,100	---	---	4,000	---	---	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	490	---	---	680	---	<100	150
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---	---	---
Other											
Dissolved Organic Carbon (filtered)	µg/L	-	-	---	10,000	---	---	5,900	---	2,100	<2,000
Electrical conductivity *(lab)	µS/cm	-	-	---	---	---	---	---	---	---	---
TPH CWG											
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	---	<0.1	---	---	<0.1	---	---	---
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	---	<0.1	---	---	<0.1	---	---	---
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	---	<0.1	---	---	<0.1	---	---	---
>C10-C44 Aliphatics	µg/L	-	-	---	<1	---	---	<1	---	---	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	---	<1	---	---	<1	---	---	---
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	<1	---	---	<1	---	---	---
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	<1	---	---	<1	---	---	---
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C16-C35 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	<1	---	---	<1	---	---	---
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	<1	---	---	<1	---	---	---
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aliphatics >C12-C35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	<0.1	---	---	<0.1	---	---	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	---	<0.1	---	---	<0.1	---	---	---
>EC10-EC44 Aromatics	µg/L	-	-	---	44	---	---	<1	---	---	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	---	100	---	---	<0.1	---	---	---
>EC6-EC7 Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	---	44	---	---	<1	---	---	---
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	<1	---	---	<1	---	---	---
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC16-EC35 Aromatics (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	<1	---	---	<1	---	---	---
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	<1	---	---	<1	---	---	---
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	µg/L	-	-	---	<1	---	---	<1	---	---	---
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	44	---	---	<1	---	---	---
Total Aromatics >EC5-EC35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	144	---	---	<10	---	---	---
TPH											
EPH >C10-40	µg/L	-	-	---	270	---	---	160	---	32	95
GRO >C5-12	µg/L	-	-	---	---	---	---	---	---	---	---
GRO C5-C10	µg/L	-	-	---	98	---	---	<1	---	<1	690
BTEx and MTBE											
Benzene	µg/L	1 ^{#1}	8 ^{#19}	---	<1	---	---	<1	---	---	---
Toluene	µg/L	700 ^{#2}	74 ^{#19}	---	<1	---	---	<1	---	---	---
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	---	<1	---	---	<1	---	---	---
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	---	<2	---	---	<2	---	---	---
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	---	<1	---	---	<1	---	---	---
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	---	---	---	---	---	---	---	---
MTBE	µg/L	15 ^{#10}	15 ^{#10}	---	<1	---	---	<1	---	---	---
Total BTEx	µg/L	-	-	---	---	---	---	---	---	---	---
PAH											
Naphthalene	µg/L	-	2 ^{#19}	---	2	---	---	0.13	---	0.93	0.08
Naphthalene (filtered)	µg/L	-	2 ^{#19}	---	---	---	---	---	---	---	---
Acenaphthene	µg/L	-	-	---	0.17	---	---	0.01	---	0.18	0.05
Acenaphthene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Acenaphthylene	µg/L	-	-	---	0.33	---	---	<0.01	---	0.2	0.01
Acenaphthylene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Fluoranthene	µg/L	-	0.0063 ^{#19}	---	0.56	---	---	0.1	---	0.57	<0.01
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#19}	---	---	---	---	---	---	---	---
Anthracene	µg/L	-	0.1 ^{#19}	---	0.31	---	---	<0.01	---	0.1	0.02
Anthracene (filtered)	µg/L	-	0.1 ^{#19}	---	---	---	---	---	---	---	---
Phenanthrene	µg/L	-	-	---	1.6	---	---	0.04	---	0.36	0.03
Phenanthrene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Fluorene	µg/L	-	-	---	0.2	---	---	0.01	---	0.16	0.03
Fluorene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Chrysene	µg/L	-	-	---	0.17	---	---	0.04	---	0.37	<0.01



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-TP5	B-BH1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-05120	23-05120	23-05120	23-05120	23-05120	23-05120	23-26202	23-24808
Date		23 Feb 2023	23 Feb 2023	23 Feb 2023	24 Feb 2023	24 Feb 2023	24 Feb 2023	31 Oct 2023	11 Oct 2023
Depth		0.5	0.5	0.5	3.35	3.35	3.35	0.5	0.7
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Chrysene (filtered)	µg/L	-	-	---	---	---	---	---	---
Pyrene	µg/L	-	-	---	0.33	---	0.09	0.69	0.01
Pyrene (filtered)	µg/L	-	-	---	---	---	---	---	---
Benzo(a)anthracene	µg/L	-	-	---	0.14	---	0.03	0.29	<0.01
Benzo(a)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	0.17	---	0.05	0.46	<0.01
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	0.08	---	0.02	0.14	<0.01
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Benzo(b+k)fluoranthene	µg/L	-	-	---	---	---	---	0.6	<0.02
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	0.09	---	0.04	0.27	<0.01
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	---	---	---	---	---
Dibenz(a,h)anthracene	µg/L	-	-	---	0.01	---	<0.01	0.05	<0.01
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	0.06	---	0.04	0.26	<0.01
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	0.09	---	0.04	0.35	<0.01
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
PAH 16 Total	µg/L	-	-	---	6.3	---	0.64	5.4	0.23
PAH 16 Total (filtered)	µg/L	-	-	---	---	---	---	---	---
Phenolics									
Total Phenols (monohydric)	µg/L	-	-	---	<100	---	<100	<100	<100
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	<1	---	<1	---	---
Xylenols	µg/L	-	-	---	<1	---	<0.1	---	---
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	1	---	<0.1	<0.1	---
Phenols Monohydric	µg/L	-	-	---	<100	---	<100	---	---
VOC									
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---	---	---	---	---
Styrene	µg/L	-	50 ^{#20}	---	<1	---	<1	---	---
cis-1,3-dichloropropene	µg/L	-	-	---	<1	---	<1	---	---
trans-1,3-dichloropropene	µg/L	-	-	---	<1	---	<1	---	---
1,1,1,2-tetrachloroethane	µg/L	-	-	---	<1	---	<1	---	---
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	---	<1	---	<1	---	---
1,1,2,2-tetrachloroethane	µg/L	-	-	---	<1	---	<1	---	---
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	---	<1	---	<1	---	---
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	---	<1	---	<1	---	---
1,1-dichloroethene	µg/L	140 ^{#14}	-	---	<1	---	<1	---	---
1,1-dichloropropene	µg/L	-	-	---	<1	---	<1	---	---
1,2,3-trichloropropane	µg/L	-	-	---	<1	---	<1	---	---
1,2,4-trimethylbenzene	µg/L	-	-	---	<1	---	<1	---	---
1,2-dibromo-3-chloropropane	µg/L	-	-	---	<1	---	<1	---	---
1,2-dibromoethane	µg/L	-	-	---	<1	---	<1	---	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	---	<1	---	<1	---	---
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---	---	---	---	---
1,2-dichloropropane	µg/L	-	-	---	<1	---	<1	---	---
1,3,5-trimethylbenzene	µg/L	-	-	---	<1	---	<1	---	---
1,3-dichloropropane	µg/L	-	-	---	<1	---	<1	---	---
2,2-dichloropropane	µg/L	-	-	---	<2	---	<2	---	---
Trihalomethanes	µg/L	100 ^{#1}	-	---	---	---	---	---	---
2-chlorotoluene	µg/L	-	-	---	<1	---	<1	---	---
4-chlorotoluene	µg/L	-	-	---	<1	---	<1	---	---
Bromobenzene	µg/L	-	-	---	<1	---	<1	---	---
Bromochloromethane	µg/L	-	-	---	<4	---	<4	---	---
Bromodichloromethane	µg/L	25 ^{#15}	-	---	<4	---	<4	---	---
Bromoform	µg/L	25 ^{#15}	-	---	<1	---	<1	---	---
Bromomethane	µg/L	-	-	---	<1	---	<1	---	---
Carbon disulfide	µg/L	-	-	---	---	---	---	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	---	<1	---	<1	---	---
Chlorodibromomethane	µg/L	25 ^{#15}	-	---	<1	---	<1	---	---
Chloroethane	µg/L	-	-	---	<1	---	<1	---	---
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	---	<1	---	<1	---	---
Chloromethane	µg/L	-	-	---	<1	---	<1	---	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	<1	---	<1	---	---
Dibromomethane	µg/L	-	-	---	<1	---	<1	---	---
Dichlorodifluoromethane	µg/L	-	-	---	<1	---	<1	---	---
Dichloromethane	µg/L	-	20 ^{#19}	---	<27	---	<27	---	---
Isopropylbenzene	µg/L	-	-	---	<1	---	<1	---	---
n-butylbenzene	µg/L	-	-	---	<1	---	<1	---	---
n-propylbenzene	µg/L	-	-	---	<1	---	<1	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-05120	23-05120	23-05120	23-05120	23-05120	23-05120	23-26202	23-24808
Date		23 Feb 2023	23 Feb 2023	23 Feb 2023	24 Feb 2023	24 Feb 2023	24 Feb 2023	31 Oct 2023	11 Oct 2023
Depth		0.5	0.5	0.5	3.35	3.35	3.35	0.5	0.7
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
p-isopropyltoluene	µg/L	-	-	---	<1	---	<1	---	---
sec-butylbenzene	µg/L	-	-	---	<1	---	<1	---	---
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	<1	---	<1	---	---
tert-butylbenzene	µg/L	-	-	---	<1	---	<1	---	---
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	<1	---	<1	---	---
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	<1	---	<1	---	---
Trichlorofluoromethane	µg/L	-	-	---	<1	---	<1	---	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	<1	---	<1	---	---
tert-Amyl methyl ether	µg/L	-	-	---	---	---	---	---	---
VOC/SVOC									
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1	---	<1	---	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1	---	<1	---	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1	---	<1	---	---
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<2	---	<2	---	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1	---	<1	---	---
Chlorobenzene	µg/L	100 ^{#18}	-	---	<1	---	<1	---	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	---	<1	---	<1	---	---
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	---	---	---	---
SVOC									
1,4-dinitrobenzene	µg/L	-	-	---	<1	---	<1	---	---
Benzyl alcohol	µg/L	-	-	---	<1	---	<1	---	---
4-bromophenyl phenyl ether	µg/L	-	-	---	<1	---	<1	---	---
4-nitroaniline	µg/L	-	-	---	<1	---	<1	---	---
4-nitrophenol	µg/L	-	-	---	<1	---	<1	---	---
1,3-Dinitrobenzene	µg/L	-	-	---	<1	---	<1	---	---
1-Methylnaphthalene	µg/L	-	-	---	<1	---	<1	---	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	<1	---	<1	---	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	<1	---	<1	---	---
2,4,5-trichlorophenol	µg/L	-	-	---	<1	---	<1	---	---
2,4,6-trichlorophenol	µg/L	-	-	---	<1	---	<0.1	<0.1	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	---	<1	---	<0.1	<0.1	---
2,4-dimethylphenol	µg/L	-	-	---	3.5	---	<0.1	<0.1	---
2,4-dinitrotoluene	µg/L	-	-	---	<1	---	<1	---	---
2,6-dichlorophenol	µg/L	-	-	---	<1	---	<0.1	<0.1	---
2,6-Dimethylphenol	µg/L	-	-	---	<1	---	<0.1	<0.1	---
2,6-dinitrotoluene	µg/L	-	-	---	<1	---	<1	---	---
2-chloronaphthalene	µg/L	-	-	---	<1	---	<1	---	---
2-chlorophenol	µg/L	-	50 ^{#20}	---	<1	---	<1	---	---
2-methylnaphthalene	µg/L	-	-	---	<1	---	<1	---	---
2-methylphenol	µg/L	-	-	---	<1	---	<1	---	---
2-nitroaniline	µg/L	-	-	---	<1	---	<1	---	---
2-nitrophenol	µg/L	-	-	---	---	---	---	---	---
3-nitroaniline	µg/L	-	-	---	<1	---	<1	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	---	<1	---	<0.1	<0.1	---
4-chloroaniline	µg/L	-	-	---	---	---	---	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	<1	---	<1	---	---
4-methylphenol	µg/L	-	-	---	1.3	---	<0.1	<0.1	---
Aniline	µg/L	-	-	---	<1	---	<1	---	---
Azobenzene	µg/L	-	-	---	<1	---	<1	---	---
Bis(2-chloroethoxy) methane	µg/L	-	-	---	<1	---	<1	---	---
Bis(2-chloroethoxy) ether	µg/L	-	-	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	<1	---	<1	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	<1	---	<1	---	---
Bis(2-ethylhexyl) ester	µg/L	-	-	---	<1	---	<1	---	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	<1	---	<1	---	---
Carbazole	µg/L	-	-	---	<1	---	<1	---	---
Di(2-ethylhexyl) adipate	µg/L	-	-	---	<1	---	<1	---	---
Dibenzofuran	µg/L	-	-	---	<1	---	<1	---	---
Diethylphthalate	µg/L	-	200 ^{#20}	---	<1	---	<1	---	---
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	<1	---	<1	---	---
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	<1	---	<1	---	---
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	<1	---	<1	---	---
Diphenylamine	µg/L	-	-	---	<1	---	<1	---	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	---	<1	---	<1	---	---
Hexachlorocyclopentadiene	µg/L	-	-	---	<1	---	<1	---	---
Hexachloroethane	µg/L	-	-	---	---	---	---	---	---
Isophorone	µg/L	-	-	---	---	---	---	---	---
Nitrobenzene	µg/L	-	-	---	---	---	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-05120	23-05120	23-05120	23-05120	23-05120	23-05120	23-26202	23-24808
Date		23 Feb 2023	23 Feb 2023	23 Feb 2023	24 Feb 2023	24 Feb 2023	24 Feb 2023	31 Oct 2023	11 Oct 2023
Depth		0.5	0.5	0.5	3.35	3.35	3.35	0.5	0.7
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Pentachlorophenol	µg/L	-	0.4 ^{#19}	---	<1	---	---	<1	---
PCB									
PCB 12	µg/L	-	-	---	<1	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	<0.3	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	<0.3	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	<0.2	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	<0.3	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	<0.2	---	---	---	---
PCB 101	µg/L	-	-	---	<0.3	---	---	---	---
PCB 118 + PCB 123	mg/L	-	-	---	<0.0006	---	---	---	---
PCB 138	µg/L	-	-	---	<0.2	---	---	---	---
PCB 153	µg/L	-	-	---	<0.2	---	---	---	---
PCB 180	µg/L	-	-	---	<0.2	---	---	---	---
PCB 28 + PCB 31	µg/L	-	-	---	<0.3	---	---	---	---
PCB 52	µg/L	-	-	---	<0.2	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	<0.2	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	<0.3	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	<0.5	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	<0.3	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	<0.2	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-	---	<1	---	---	---	---
Total PCB WHO 12	µg/L	-	-	---	<1	---	---	---	---
PCBs (Sum of total)	µg/L	-	-	---	<1	---	---	---	---
Solvents									
Acetone	µg/L	-	-	---	---	---	---	---	---
PAH/Phenols									
PAHs (Sum of 4)	µg/L	-	-	---	---	---	---	---	---
Pesticides									
Heptachlor epoxide	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---
Simetryn	mg/L	-	-	---	---	---	---	---	---
Tokuthion	µg/L	-	-	---	---	---	---	---	---
Secbumeton	µg/L	-	-	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---	---
2,4-Dichlorprop	µg/L	-	-	---	---	---	---	---	---
4,4-DDE	µg/L	-	0.00625 ^{#37}	---	---	---	---	---	---
a-BHC	µg/L	-	-	---	---	---	---	---	---
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---
Aldrin + Dieldrin	µg/L	-	-	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	µg/L	-	-	---	---	---	---	---	---
Ametryn	µg/L	-	-	---	---	---	---	---	---
Actril (loxynil)	µg/L	-	10 ^{#20}	---	---	---	---	---	---
Atraton	µg/L	-	-	---	---	---	---	---	---
Atrazine	µg/L	-	0.6 ^{#19}	---	---	---	---	---	---
Azinophos methyl	µg/L	-	0.01 ^{#30}	---	---	---	---	---	---
b-BHC	µg/L	-	-	---	---	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	---	---	---
Bentazone	µg/L	-	500 ^{#20}	---	---	---	---	---	---
Bolstar (Sulprofos)	µg/L	-	-	---	---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	---	---
gamma-Chlordane	µg/L	-	-	---	---	---	---	---	---
Chlorpyrifos	µg/L	-	0.03 ^{#19}	---	---	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---	---	---
Coumaphos	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---
d-BHC	µg/L	-	-	---	---	---	---	---	---
DDT	µg/L	-	0.01 ^{#39}	---	---	---	---	---	---
Demeton-O	µg/L	-	-	---	---	---	---	---	---
Demeton-S	µg/L	-	-	---	---	---	---	---	---
Diazinon	µg/L	-	0.01 ^{#19}	---	---	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	
				A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-TP5	B-BH1
				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				23-05120	23-05120	23-05120	23-05120	23-05120	23-05120	23-26202	23-24808	
				23 Feb 2023	23 Feb 2023	23 Feb 2023	24 Feb 2023	24 Feb 2023	24 Feb 2023	31 Oct 2023	11 Oct 2023	
				0.5	0.5	0.5	3.35	3.35	3.35	0.5	0.7	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS									
Dichlorvos	µg/L	-	0.04 ^{#20}	---	---	---	---	---	---	---	---	
Dieldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---	---	
Disulfoton	µg/L	-	-	---	---	---	---	---	---	---	---	
Endosulfan I	µg/L	-	-	---	---	---	---	---	---	---	---	
Endosulfan II	µg/L	-	-	---	---	---	---	---	---	---	---	
Endosulfan sulphate	µg/L	-	-	---	---	---	---	---	---	---	---	
Endrin	µg/L	-	0.00125 ^{#38}	---	---	---	---	---	---	---	---	
Endrin aldehyde	µg/L	-	-	---	---	---	---	---	---	---	---	
Endrin ketone	µg/L	-	-	---	---	---	---	---	---	---	---	
Ethoprop	µg/L	-	-	---	---	---	---	---	---	---	---	
Fensulfothion	µg/L	-	-	---	---	---	---	---	---	---	---	
Fenthion	µg/L	-	-	---	---	---	---	---	---	---	---	
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---	---	
g-BHC (Lindane)	µg/L	-	-	---	---	---	---	---	---	---	---	
Heptachlor	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---	---	
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---	---	
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---	---	
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---	---	
Merphos	µg/L	-	-	---	---	---	---	---	---	---	---	
Methoxychlor	µg/L	-	-	---	---	---	---	---	---	---	---	
Methyl parathion	µg/L	-	-	---	---	---	---	---	---	---	---	
Mevinphos (Phosdrin)	µg/L	-	-	---	---	---	---	---	---	---	---	
Naled (Dibrom)	µg/L	-	-	---	---	---	---	---	---	---	---	
Phorate	µg/L	-	-	---	---	---	---	---	---	---	---	
Picloram	µg/L	-	-	---	---	---	---	---	---	---	---	
Prometon	µg/L	-	-	---	---	---	---	---	---	---	---	
Prometryn	µg/L	-	-	---	---	---	---	---	---	---	---	
Propazine	µg/L	-	-	---	---	---	---	---	---	---	---	
Ronnel	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---	---	
Simazine	µg/L	-	1 ^{#19}	---	---	---	---	---	---	---	---	
Stiropfos	µg/L	-	-	---	---	---	---	---	---	---	---	
Terbutryn	µg/L	-	-	---	---	---	---	---	---	---	---	
Terbutylazine	µg/L	-	-	---	---	---	---	---	---	---	---	
Trichloronate	µg/L	-	-	---	---	---	---	---	---	---	---	
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---	---	
Field												
pH (Field)	pH_Units	6.5-9.5 ^{#1}	-	---	---	---	---	---	---	10	9.5	



Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				B-BH1	B-BH2	B-BH2	B-BH2	B-BH2	B-BH3	B-BH3	B-BH4
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-24808	23-23244	23-23244	23-23244	23-23244	23-24358	23-24358	23-24351
Date				11 Oct 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	05 Oct 2023	05 Oct 2023	06 Oct 2023
Depth				3.8	0.3	0.3	1.5	1.5	1	4.3	0.3
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	740	770	---	780	---	420	590	210
Antimony (filtered)	µg/L	5 ^{#1}	-	<0.17	0.46	---	0.19	---	0.39	1.1	0.18
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	1.8	2.2	---	4	---	1.5	0.77	2.6
Barium (filtered)	µg/L	1,300 ^{#2}	-	150	61	---	49	---	100	100	8.5
Beryllium (filtered)	µg/L	-	-	<0.1	<0.1	---	<0.1	---	<0.1	<0.1	<0.1
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	84	21	---	20	---	24	51	31
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	<0.03	<0.03	---	<0.03	---	0.07	<0.03	<0.03
Calcium (filtered)	mg/L	-	-	78	49	---	170	---	65	43	15
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	<7	<7	---	<7	---	<7	<7	<7
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	19	3.4	---	0.46	---	24	17	10
Chromium (Trivalent) (filtered)	µg/L	-	-	19	3.4	---	<1	---	24	17	10
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	6.5	1.4	---	1.1	---	6.3	1.3	2
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	11	7	---	<5.5	---	18	9.9	29
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	5.5	0.45	---	0.36	---	10	75	0.2
Magnesium (filtered)	mg/L	-	-	0.04	0.21	---	0.77	---	0.12	0.19	0.52
Manganese (filtered)	µg/L	50 ^{#1}	-	0.27	0.63	---	1	---	4.3	0.7	1.2
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	0.08	0.09	---	0.01	---	0.03	0.04	0.07
Molybdenum (filtered)	µg/L	70 ^{#3}	-	1.2	3.1	---	1.9	---	4.8	2	1.6
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	<0.5	<0.5	---	<0.5	---	1	<0.5	<0.5
Potassium (filtered)	mg/L	-	-	8	8.7	---	22	---	0.67	4.1	0.71
Selenium (filtered)	µg/L	10 ^{#1}	-	0.53	1.5	---	1.4	---	1.6	0.71	0.42
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	3.9	4.2	---	4.4	---	0.87	1.7	0.89
Tin (filtered)	µg/L	-	10 ^{#25}	<0.4	<0.4	---	<0.4	---	1.8	<0.4	0.5
Titanium (filtered)	µg/L	-	-	1.7	0.7	---	<0.3	---	<0.3	<0.3	2.4
Vanadium (filtered)	µg/L	-	100 ^{#26}	32	67	---	25	---	11	9.2	98
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	4.7	2	---	<1.3	---	36	20	<1.3
Inorganics											
Total Hardness	mg/l	-	-	194	123	---	419	---	163	107	40
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	<0.02	0.08	---	0.07	---	<0.02	<0.02	<0.02
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	<0.015	0.066	0.064	0.058	0.057	<0.015	<0.015	<0.015
Chloride	mg/L	250 ^{#1}	-	2.3	2.9	---	3.9	---	2.2	2.1	1.3
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	<0.1	<0.1	---	<0.1	---	<0.1	<0.1	<0.1
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	0.6	0.3	---	1.6	---	2.2	0.1	<0.1
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	<40	<40	---	<40	---	<40	<40	<40
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	0.33	0.76	---	<1	---	1.2	1.4	1.7
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	0.44	<0.1	---	<1	---	<0.1	<0.1	<0.1
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---	---
Sulphate	mg/L	250 (SO4) ^{#7}	-	7	60	---	450	---	8.9	19	12
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	-	-	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	-	-	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---	---
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---	---
Sulphate (Soluble) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	<10	30	---	190	---	<10	12	<10
Sulphur as S (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Sulphur (free)	mg/L	-	-	<0.084	<0.084	---	<0.084	---	<0.084	<0.084	<0.084
Sulphide	µg/L	-	10 (MAC) ^{#29}	<10	23	---	20	---	<10	<10	<10
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	<20	<20	---	<20	---	<20	<20	<20
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---

Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				B-BH1	B-BH2	B-BH2	B-BH2	B-BH2	B-BH3	B-BH3	B-BH4
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-24808	23-23244	23-23244	23-23244	23-23244	23-24358	23-24358	23-24351
Date				11 Oct 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	05 Oct 2023	05 Oct 2023	06 Oct 2023
Depth				3.8	0.3	0.3	1.5	1.5	1	4.3	0.3
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Ortho phosphate as PO4	mg/l	-	-	<0.03	<0.03	---	<0.03	---	<0.03	<0.03	<0.03
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Silica	µg/L	-	-	---	---	---	---	---	<100	<100	<100
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	550	520	---	<1,000	---	290	140	460
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---	---	---
Other											
Dissolved Organic Carbon (filtered)	µg/L	-	-	<2,000	<2,000	---	<2,000	---	2,200	<2,000	<2,000
Electrical conductivity *(lab)	µS/cm	-	-	---	---	---	---	---	---	---	---
TPH CWG											
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<0.1	---	---	<0.1	---	<0.1	<0.1	<0.1
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	190	---	---	<0.1	---	<0.1	<0.1	<0.1
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	270	---	---	<0.1	---	<0.1	<0.1	<0.1
>C10-C44 Aliphatics	µg/L	-	-	<1	---	---	<1	---	14	15	<1
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<1	---	---	<1	---	<1	<1	<1
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	<1	---	---	<1	---	2	1.8	<1
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	<1	---	---	<1	---	9.5	12	<1
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C16-C35 Aliphatics	µg/L	-	-	<2	---	---	<2	---	11.2	13	<2
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	<1	---	---	<1	---	1.7	<1	<1
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aliphatics >C12-C35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	2.7	---	---	<0.1	---	<0.1	<0.1	<0.1
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	23	---	---	<0.1	---	<0.1	<0.1	<0.1
>EC10-EC44 Aromatics	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	87	---	---	<0.1	---	<0.1	<0.1	<0.1
>EC6-EC7 Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	<1	---	---	<1	---	<1	<1	<1
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	<1	---	---	<1	---	<1	<1	<1
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC16-EC35 Aromatics (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	<1	---	---	<1	---	<1	<1	<1
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	<1	---	---	<1	---	<1	<1	<1
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	<1	---	---	<1	---	14	15	<1
Total Aromatics >EC5-EC35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	572.7	---	---	<10	---	13.2	13.8	<10
TPH											
EPH >C10-40	µg/L	-	-	72	48	---	32	---	120	130	180
GRO >C5-12	µg/L	-	-	---	---	---	---	---	---	---	---
GRO C5-C10	µg/L	-	-	580	<1	---	<1	---	<1	<1	<1
BTEx and MTBE											
Benzene	µg/L	1 ^{#1}	8 ^{#19}	<1	---	---	<1	---	<1	<1	<1
Toluene	µg/L	700 ^{#2}	74 ^{#19}	<1	---	---	<1	---	<1	<1	<1
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	<1	---	---	<1	---	<1	<1	<1
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	<2	---	---	<2	---	<2	<2	<2
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	<1	---	---	<1	---	<1	<1	<1
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	<3	---	---	<3	---	<3	<3	<3
MTBE	µg/L	15 ^{#10}	15 ^{#10}	<1	---	---	<1	---	<1	<1	<1
Total BTEx	µg/L	-	-	---	---	---	---	---	---	---	---
PAH											
Naphthalene	µg/L	-	2 ^{#19}	0.08	0.08	---	<0.05	---	0.38	0.42	0.08
Naphthalene (filtered)	µg/L	-	2 ^{#19}	---	---	---	---	---	---	---	---
Acenaphthene	µg/L	-	-	<0.01	0.02	---	<0.01	---	0.05	0.04	<0.01
Acenaphthene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Acenaphthylene	µg/L	-	-	<0.01	0.02	---	<0.01	---	0.1	0.1	<0.01
Acenaphthylene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Fluoranthene	µg/L	-	0.0063 ^{#19}	<0.01	0.11	---	0.05	---	<0.01	0.05	0.02
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#19}	---	---	---	---	---	---	---	---
Anthracene	µg/L	-	0.1 ^{#19}	<0.01	0.02	---	<0.01	---	<0.01	<0.01	0.02
Anthracene (filtered)	µg/L	-	0.1 ^{#19}	---	---	---	---	---	---	---	---
Phenanthrene	µg/L	-	-	<0.01	0.06	---	0.03	---	0.07	0.09	0.02
Phenanthrene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Fluorene	µg/L	-	-	<0.01	0.02	---	<0.01	---	0.04	0.05	<0.01
Fluorene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Chrysene	µg/L	-	-	<0.01	0.07	---	0.02	---	<0.01	0.02	<0.01

Matrix Description Location Code Matrix Type Lab Report Number Date Depth				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
				B-BH1	B-BH2	B-BH2	B-BH2	B-BH2	B-BH3	B-BH3	B-BH4
				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				23-24808	23-23244	23-23244	23-23244	23-23244	23-24358	23-24358	23-24351
				11 Oct 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	05 Oct 2023	05 Oct 2023	06 Oct 2023
Depth				3.8	0.3	0.3	1.5	1.5	1	4.3	0.3
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Chrysene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Pyrene	µg/L	-	-	<0.01	0.1	---	0.04	---	<0.01	0.04	0.02
Pyrene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Benzo(a)anthracene	µg/L	-	-	<0.01	0.06	---	0.02	---	<0.01	0.02	<0.01
Benzo(a)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	0.09	---	0.03	---	<0.01	0.02	0.01
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	0.05	---	0.01	---	<0.01	<0.01	<0.01
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---
Benzo(b+k)fluoranthene	µg/L	-	-	<0.02	0.14	---	0.04	---	<0.02	0.03	0.02
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	<0.01	0.07	---	0.02	---	<0.01	0.01	<0.01
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	---	---	---	---	---	---	---
Dibenz(a,h)anthracene	µg/L	-	-	<0.01	0.01	---	<0.01	---	<0.01	<0.01	<0.01
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	0.06	---	0.02	---	<0.01	0.02	0.01
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	0.06	---	0.02	---	<0.01	0.02	0.01
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---
PAH 16 Total	µg/L	-	-	<0.2	0.89	---	0.26	---	0.64	0.89	0.2
PAH 16 Total (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	µg/L	-	-	<100	<100	---	<100	---	<100	<100	<100
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1
Xylenols	µg/L	-	-	---	---	---	---	---	---	---	---
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	<0.1	---	---	<0.1	---	<0.1	0.2	<1
Phenols Monohydric	µg/L	-	-	---	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	<2	---	---	<2	---	<2	<2	<2
Styrene	µg/L	-	50 ^{#20}	<1	---	---	<1	---	<1	<1	<1
cis-1,3-dichloropropene	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1
trans-1,3-dichloropropene	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1
1,1,1,2-tetrachloroethane	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	<1	---	---	<1	---	<1	<1	<1
1,1,2,2-tetrachloroethane	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	<1	---	---	<1	---	<1	<1	<1
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	<1	---	---	<1	---	<1	<1	<1
1,1-dichloroethene	µg/L	140 ^{#14}	-	<1	---	---	<1	---	<1	1	<1
1,1-dichloropropene	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1
1,2,3-trichloropropane	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1
1,2,4-trimethylbenzene	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1
1,2-dibromo-3-chloropropane	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1
1,2-dibromoethane	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	<1	---	---	<1	---	<1	<1	<1
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	<2	---	---	<2	---	<2	<2	<2
1,2-dichloropropane	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1
1,3,5-trimethylbenzene	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1
1,3-dichloropropane	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1
2,2-dichloropropane	µg/L	-	-	<2	---	---	<2	---	<2	<2	<2
Trihalomethanes	µg/L	100 ^{#1}	-	<7	---	---	<7	---	<7	<7	<7
2-chlorotoluene	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1
4-chlorotoluene	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1
Bromobenzene	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1
Bromochloromethane	µg/L	-	-	<4	---	---	<4	---	<4	<4	<4
Bromodichloromethane	µg/L	25 ^{#15}	-	<4	---	---	<4	---	<4	<4	<4
Bromoform	µg/L	25 ^{#15}	-	<1	---	---	<1	---	<1	<1	<1
Bromomethane	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1
Carbon disulfide	µg/L	-	-	---	---	---	---	---	---	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	<1	---	---	<1	---	<1	<1	<1
Chlorodibromomethane	µg/L	25 ^{#15}	-	<1	---	---	<1	---	<1	<1	<1
Chloroethane	µg/L	-	-	<1	---	---	<1	---	2	2	<1
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	<1	---	---	<1	---	<1	<1	<1
Chloromethane	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	<1	---	---	<1	---	<1	<1	<1
Dibromomethane	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1
Dichlorodifluoromethane	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1
Dichloromethane	µg/L	-	20 ^{#19}	<2,700	---	---	<27	---	<27,000	<27,000	<27,000
Isopropylbenzene	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1
n-butylbenzene	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1
n-propylbenzene	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1



Matrix Description Location Code Matrix Type Lab Report Number Date Depth				MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG					
				B-BH1		B-BH2		B-BH2		B-BH2		B-BH3		B-BH3		B-BH4			
				Soil		Soil		Soil		Soil		Soil		Soil		Soil			
				23-24808		23-23244		23-23244		23-23244		23-23244		23-24358		23-24351			
				11 Oct 2023		26 Sep 2023		26 Sep 2023		26 Sep 2023		26 Sep 2023		05 Oct 2023		05 Oct 2023		06 Oct 2023	
				3.8		0.3		0.3		1.5		1.5		1		4.3		0.3	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS																
p-isopropyltoluene	µg/L	-	-	<1	---	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
sec-butylbenzene	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
tert-butylbenzene	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
Trichlorofluoromethane	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
Vinyl chloride	µg/L	0.5 ^{#1}	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
tert-Amyl methyl ether	µg/L	-	-	<5	---	---	<5	---	<5	---	<5	<5	<5	<5	<5	<5	<5	<5	
VOC/SVOC																			
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	<2	---	---	<2	---	<2	---	<2	<2	<2	<2	<2	<2	<2	<2	
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
Chlorobenzene	µg/L	100 ^{#18}	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	<2	---	---	<2	---	<2	---	<2	<2	<2	<2	<2	<2	<2	<2	
SVOC																			
1,4-dinitrobenzene	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
Benzyl alcohol	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
4-bromophenyl phenyl ether	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
4-nitroaniline	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
4-nitrophenol	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
1,3-Dinitrobenzene	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
1-Methylnaphthalene	µg/L	-	-	<1	---	---	1.5	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
2,3,4,6-tetrachlorophenol	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
2,3,5,6-Tetrachlorophenol	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
2,4,5-trichlorophenol	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
2,4,6-trichlorophenol	µg/L	-	-	<0.1	---	---	<0.1	---	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	<0.1	---	---	<0.1	---	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
2,4-dimethylphenol	µg/L	-	-	<0.1	---	---	<0.1	---	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
2,4-dinitrotoluene	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
2,6-dichlorophenol	µg/L	-	-	<0.1	---	---	<0.1	---	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
2,6-Dimethylphenol	µg/L	-	-	<0.1	---	---	<0.1	---	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
2,6-dinitrotoluene	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
2-chloronaphthalene	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
2-chlorophenol	µg/L	-	50 ^{#20}	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
2-methylnaphthalene	µg/L	-	-	<1	---	---	1.8	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
2-methylphenol	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
2-nitroaniline	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
2-nitrophenol	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
3-nitroaniline	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	<0.1	---	---	<0.1	---	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
4-chloroaniline	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
4-chlorophenyl phenyl ether	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
4-methylphenol	µg/L	-	-	<0.1	---	---	<0.1	---	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Aniline	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
Azobenzene	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
Bis(2-chloroethoxy) methane	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
Bis(2-chloroethyl)ether	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Bis(2-chloroisopropyl) ether	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
Bis(2-ethylhexyl)ester	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
Carbazole	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Dibenzofuran	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
Diethylphthalate	µg/L	-	200 ^{#20}	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
Dimethyl phthalate	µg/L	-	800 ^{#20}	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
Diphenylamine	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
Hexachlorocyclopentadiene	µg/L	-	-	<1	---	---	<1	---	<1	---	<1	<1	<1	<1	<1	<1	<1	<1	
Hexachloroethane	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Isophorone	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Nitrobenzene	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH1	B-BH2	B-BH2	B-BH2	B-BH2	B-BH2	B-BH3	B-BH3	B-BH4
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-24808	23-23244	23-23244	23-23244	23-23244	23-23244	23-24358	23-24358	23-24351
Date		11 Oct 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	05 Oct 2023	05 Oct 2023	06 Oct 2023
Depth		3.8	0.3	0.3	1.5	1.5	1	4.3	0.3	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Pentachlorophenol	µg/L	-	0.4 ^{#19}		<1	---	---	<1	---	<1
PCB										
PCB 12	µg/L	-	-		---	---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-		---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-		---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-		---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-		---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-		---	---	---	---	---	---
PCB 101	µg/L	-	-		---	---	---	---	---	---
PCB 118 + PCB 123	mg/L	-	-		---	---	---	---	---	---
PCB 138	µg/L	-	-		---	---	---	---	---	---
PCB 153	µg/L	-	-		---	---	---	---	---	---
PCB 180	µg/L	-	-		---	---	---	---	---	---
PCB 28 + PCB 31	µg/L	-	-		---	---	---	---	---	---
PCB 52	µg/L	-	-		---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-		---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-		---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-		---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-		---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-		---	---	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-		---	---	---	---	---	---
Total PCB WHO 12	µg/L	-	-		---	---	---	---	---	---
PCBs (Sum of total)	µg/L	-	-		---	---	---	---	---	---
Solvents										
Acetone	µg/L	-	-		---	---	---	---	---	---
PAH/Phenols										
PAHs (Sum of 4)	µg/L	-	-		---	---	---	---	---	---
Pesticides										
Heptachlor epoxide	µg/L	0.03 ^{#1}	-		---	---	---	---	---	---
Simetryn	mg/L	-	-		---	---	---	---	---	---
Tokuthion	µg/L	-	-		---	---	---	---	---	---
Secbumeton	µg/L	-	-		---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-		---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-		---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-		---	---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}		---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-		---	---	---	---	---	---
2,4-Dichlorprop	µg/L	-	-		---	---	---	---	---	---
4,4-DDE	µg/L	-	0.00625 ^{#37}		---	---	---	---	---	---
a-BHC	µg/L	-	-		---	---	---	---	---	---
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}		---	---	---	---	---	---
Aldrin + Dieldrin	µg/L	-	-		---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	µg/L	-	-		---	---	---	---	---	---
Ametryn	µg/L	-	-		---	---	---	---	---	---
Actril (loxynil)	µg/L	-	10 ^{#20}		---	---	---	---	---	---
Atraton	µg/L	-	-		---	---	---	---	---	---
Atrazine	µg/L	-	0.6 ^{#19}		---	---	---	---	---	---
Azinophos methyl	µg/L	-	0.01 ^{#30}		---	---	---	---	---	---
b-BHC	µg/L	-	-		---	---	---	---	---	---
Benazolin	µg/L	-	-		---	---	---	---	---	---
Bentazone	µg/L	-	500 ^{#20}		---	---	---	---	---	---
Bolstar (Sulprofos)	µg/L	-	-		---	---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}		---	---	---	---	---	---
gamma-Chlordane	µg/L	-	-		---	---	---	---	---	---
Chlorpyrifos	µg/L	-	0.03 ^{#19}		---	---	---	---	---	---
Clopyralid	µg/L	-	-		---	---	---	---	---	---
Coumaphos	µg/L	-	0.03 ^{#20}		---	---	---	---	---	---
d-BHC	µg/L	-	-		---	---	---	---	---	---
DDT	µg/L	-	0.01 ^{#39}		---	---	---	---	---	---
Demeton-O	µg/L	-	-		---	---	---	---	---	---
Demeton-S	µg/L	-	-		---	---	---	---	---	---
Diazinon	µg/L	-	0.01 ^{#19}		---	---	---	---	---	---
Dicamba	µg/L	-	-		---	---	---	---	---	---



Matrix Description		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG	
Location Code		B-BH1		B-BH2		B-BH2		B-BH2		B-BH3		B-BH3	
Matrix Type		Soil		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		23-24808		23-23244		23-23244		23-23244		23-24358		23-24358	
Date		11 Oct 2023		26 Sep 2023		26 Sep 2023		26 Sep 2023		05 Oct 2023		05 Oct 2023	
Depth		3.8		0.3		0.3		1.5		1.5		1	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS										
Dichlorvos	µg/L	-	0.04 ^{#20}	---	---	---	---	---	---	---	---	---	---
Dieldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---	---	---	---
Disulfoton	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan I	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan II	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endrin	µg/L	-	0.00125 ^{#38}	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endrin ketone	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Ethoprop	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fensulfothion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fenthion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Heptachlor	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---	---	---	---
Merphos	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Methoxychlor	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Methyl parathion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Phorate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Picloram	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Prometon	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Prometryn	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Propazine	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Ronnel	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---	---	---	---
Simazine	µg/L	-	1 ^{#19}	---	---	---	---	---	---	---	---	---	---
Stirophos	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Terbutryn	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Terbutylazine	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Trichloronate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Field													
pH (Field)	pH_Units	6.5-9.5 ^{#1}	-	11.8	10.8	---	10	---	11.3	10.9	9.8		



Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				B-BH4	B-BH5	B-BH5	B-BH5	B-BH5	B-BH5	B-BH6	B-BH6
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-24351	23-23246	23-23246	23-23246	23-23246	23-23246	23-24809	23-24809
Date				06 Oct 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	11 Oct 2023	11 Oct 2023
Depth				1.8	0.3	0.3	1	1	1	0.5	4.3
				0.5							0.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	540	87	---	890	---	57	12	670
Antimony (filtered)	µg/L	5 ^{#1}	-	<0.17	0.23	---	0.24	---	0.77	0.39	0.39
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	0.59	1.5	---	0.83	---	1.5	0.78	0.65
Barium (filtered)	µg/L	1,300 ^{#2}	-	38	21	---	25	---	16	4.6	190
Beryllium (filtered)	µg/L	-	-	<0.1	<0.1	---	<0.1	---	<0.1	<0.1	<0.1
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	25	36	---	15	---	26	<12	<12
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	0.12	<0.03	---	<0.03	---	<0.03	<0.03	<0.03
Calcium (filtered)	mg/L	-	-	30	31	---	26	---	9.2	2.7	130
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	<7	<7	---	<7	---	<7	<7	<7
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	27	0.95	---	3.1	---	1.6	<0.25	26
Chromium (Trivalent) (filtered)	µg/L	-	-	27	<1	---	3.1	---	1.6	<1	26
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	2.7	1.6	---	1.3	---	1.8	0.7	2.9
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	8	<5.5	---	<5.5	---	23	18	<5.5
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	11	<0.09	---	0.35	---	0.51	1.1	13
Magnesium (filtered)	mg/L	-	-	0.19	0.82	---	0.32	---	0.86	0.44	0.75
Manganese (filtered)	µg/L	50 ^{#1}	-	0.39	0.46	---	0.28	---	0.23	1.2	0.3
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	0.03	0.11	---	0.06	---	<0.01	<0.01	0.06
Molybdenum (filtered)	µg/L	70 ^{#3}	-	<1.1	1.6	---	1.4	---	<1.1	<1.1	3.3
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	<0.5	<0.5	---	<0.5	---	<0.5	<0.5	<0.5
Potassium (filtered)	mg/L	-	-	0.37	2.2	---	3.4	---	1.4	0.6	1.4
Selenium (filtered)	µg/L	10 ^{#1}	-	0.25	1.2	---	0.88	---	<0.25	<0.25	0.65
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	0.61	2	---	1.5	---	2	0.93	1.7
Tin (filtered)	µg/L	-	10 ^{#25}	<0.4	<0.4	---	<0.4	---	1.3	<0.4	0.5
Titanium (filtered)	µg/L	-	-	0.5	<0.3	---	<0.3	---	1.2	0.8	<0.3
Vanadium (filtered)	µg/L	-	100 ^{#26}	22	130	---	67	---	2.7	2.1	14
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	2.6	<1.3	---	<1.3	---	2.5	4.2	2.3
Inorganics											
Total Hardness	mg/l	-	-	75.9	80.1	---	67.1	---	26.5	8.42	317
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	<0.02	0.06	---	0.05	---	<0.02	<0.02	0.06
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	<0.015	0.049	0.043	0.041	0.039	<0.015	<0.015	0.049
Chloride	mg/L	250 ^{#1}	-	0.87	1.7	---	1.9	---	16	19	5.3
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	<0.1	<0.1	---	0.8	---	<0.1	<0.1	<0.1
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	<0.1	0.2	---	0.2	---	0.4	0.4	0.1
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	<40	<40	---	<40	---	<40	<40	<40
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	0.64	0.36	---	0.58	---	2.6	1.4	1.3
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	<0.1	<0.1	---	<0.1	---	0.11	0.52	<0.1
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---	---
Sulphate	mg/L	250 (SO4) ^{#7}	-	4.6	44	---	27	---	7.1	36	9.6
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	-	-	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	-	-	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---	---
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---	---
Sulphate (Soluble) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	<10	19	---	12	---	<10	17	<10
Sulphur as S (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Sulphur (free)	mg/L	-	-	<0.084	<0.084	---	<0.084	---	<0.084	<0.084	<0.084
Sulphide	µg/L	-	10 (MAC) ^{#29}	<10	22	---	<10	---	<10	<10	86
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	<20	<20	---	<20	---	<20	<20	23
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---

Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				B-BH4	B-BH5	B-BH5	B-BH5	B-BH5	B-BH6	B-BH6	B-BH7
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-24351	23-23246	23-23246	23-23246	23-23246	23-24809	23-24809	23-20933
Date				06 Oct 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	11 Oct 2023	11 Oct 2023	30 Aug 2023
Depth				1.8	0.3	0.3	1	1	0.5	4.3	0.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Ortho phosphate as PO4	mg/l	-	-	<0.03	0.05	---	<0.03	---	0.05	<0.03	0.47
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Silica	µg/L	-	-	---	4,400	---	---	---	<100	---	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	140	920	---	410	---	420	300	610
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---	---	---
Other											
Dissolved Organic Carbon (filtered)	µg/L	-	-	<2,000	<2,000	---	<2,000	---	4,000	3,000	4,200
Electrical conductivity *(lab)	µS/cm	-	-	---	---	---	---	---	---	---	---
TPH CWG											
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<0.1	---	---	<0.1	---	240	49,000	---
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	<0.1	---	---	<0.1	---	140	140	---
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	<0.1	---	---	<0.1	---	88	150	---
>C10-C44 Aliphatics	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<1	---	---	<1	---	<1	<1	---
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	<1	---	---	<1	---	<1	<1	---
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	<1	---	---	<1	---	<1	<1	---
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C16-C35 Aliphatics	µg/L	-	-	<2	---	---	<2	---	<2	<2	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	<1	---	---	<1	---	<1	<1	---
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aliphatics >C12-C35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	<0.1	---	---	<0.1	---	<0.1	<0.1	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<0.1	---	---	<0.1	---	17	16	---
>EC10-EC44 Aromatics	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	<0.1	---	---	<0.1	---	64	75	---
>EC6-EC7 Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	<1	---	---	<1	---	<1	<1	---
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	<1	---	---	<1	---	<1	<1	---
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC16-EC35 Aromatics (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	<1	---	---	<1	---	<1	<1	---
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	<1	---	---	<1	---	<1	<1	---
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
Total Aromatics >EC5-EC35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	<10	---	---	<10	---	549	49,381	---
TPH											
EPH >C10-40	µg/L	-	-	160	18	---	35	---	120	12	<10
GRO >C5-12	µg/L	-	-	---	---	---	---	---	---	---	---
GRO C5-C10	µg/L	-	-	<1	<1	---	<1	---	550	49,000	<1
BTEx and MTBE											
Benzene	µg/L	1 ^{#1}	8 ^{#19}	<1	---	---	<1	---	<1	<1	---
Toluene	µg/L	700 ^{#2}	74 ^{#19}	<1	---	---	<5	1	<1	<1	---
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	<1	---	---	<1	---	<1	<1	---
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	<2	---	---	<2	---	<2	<2	---
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	<1	---	---	<1	---	<1	<1	---
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	<3	---	---	<3	---	<3	<3	---
MTBE	µg/L	15 ^{#10}	15 ^{#10}	<1	---	---	<1	---	<1	<1	---
Total BTEx	µg/L	-	-	---	---	---	---	---	---	---	---
PAH											
Naphthalene	µg/L	-	2 ^{#19}	0.1	<0.05	---	69	---	0.09	0.07	<0.05
Naphthalene (filtered)	µg/L	-	2 ^{#19}	---	---	---	---	---	---	---	---
Acenaphthene	µg/L	-	-	<0.01	<0.01	---	1	---	0.03	<0.01	0.01
Acenaphthene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Acenaphthylene	µg/L	-	-	<0.01	<0.01	---	0.14	---	0.05	<0.01	<0.01
Acenaphthylene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Fluoranthene	µg/L	-	0.0063 ^{#19}	<0.01	0.03	---	0.29	---	0.82	0.04	0.16
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#19}	---	---	---	---	---	---	---	---
Anthracene	µg/L	-	0.1 ^{#19}	<0.01	<0.01	---	0.04	---	0.07	<0.01	0.05
Anthracene (filtered)	µg/L	-	0.1 ^{#19}	---	---	---	---	---	---	---	---
Phenanthrene	µg/L	-	-	<0.01	0.02	---	0.24	---	0.3	0.02	0.15
Phenanthrene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Fluorene	µg/L	-	-	<0.01	<0.01	---	0.23	---	0.02	<0.01	0.01
Fluorene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Chrysene	µg/L	-	-	<0.01	0.01	---	0.14	---	0.37	0.02	0.06

Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				B-BH4	B-BH5	B-BH5	B-BH5	B-BH5	B-BH6	B-BH6	B-BH7
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-24351	23-23246	23-23246	23-23246	23-23246	23-24809	23-24809	23-20933
Date				06 Oct 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	11 Oct 2023	11 Oct 2023	30 Aug 2023
Depth				1.8	0.3	0.3	1	1	0.5	4.3	0.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Chrysene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Pyrene	µg/L	-	-	<0.01	0.03	---	0.27	---	0.77	0.04	0.12
Pyrene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Benzo(a)anthracene	µg/L	-	-	<0.01	0.02	---	0.16	---	0.28	0.02	0.04
Benzo(a)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	0.02	---	0.19	---	0.54	0.04	0.06
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	0.01	---	0.08	---	0.22	0.01	0.02
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---
Benzo(b+k)fluoranthene	µg/L	-	-	<0.02	0.03	---	0.27	---	0.76	0.05	0.08
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	<0.01	0.01	---	0.14	---	0.49	0.03	0.05
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	---	---	---	---	---	---	---
Dibenz(a,h)anthracene	µg/L	-	-	<0.01	<0.01	---	0.02	---	0.07	<0.01	<0.01
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	0.02	---	0.11	---	0.42	0.03	0.03
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	0.02	---	0.09	---	0.4	0.02	0.04
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---
PAH 16 Total	µg/L	-	-	<0.2	<0.2	---	72	---	5	0.35	0.8
PAH 16 Total (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	µg/L	-	-	<100	<100	---	<100	---	<100	<100	<100
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
Xylenols	µg/L	-	-	---	---	---	---	---	---	---	---
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	<1	<0.1	---	<0.1	---	<0.1	<1	---
Phenols Monohydric	µg/L	-	-	---	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	<2	---	---	<2	---	<2	<2	---
Styrene	µg/L	-	50 ^{#20}	<1	---	---	<1	---	<1	<1	---
cis-1,3-dichloropropene	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
trans-1,3-dichloropropene	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
1,1,1,2-tetrachloroethane	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	<1	---	---	<1	---	<1	<1	---
1,1,2,2-tetrachloroethane	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	<1	---	---	<1	---	<1	<1	---
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	<1	---	---	<1	---	<1	<1	---
1,1-dichloroethene	µg/L	140 ^{#14}	-	<1	---	---	<1	---	4	<1	---
1,1-dichloropropene	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
1,2,3-trichloropropane	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
1,2,4-trimethylbenzene	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
1,2-dibromo-3-chloropropane	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
1,2-dibromoethane	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	<1	---	---	<1	---	<1	<1	---
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	<2	---	---	<2	---	<2	<2	---
1,2-dichloropropane	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
1,3,5-trimethylbenzene	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
1,3-dichloropropane	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
2,2-dichloropropane	µg/L	-	-	<2	---	---	<2	---	<2	<2	---
Trihalomethanes	µg/L	100 ^{#1}	-	<7	---	---	<7	---	<7	<7	---
2-chlorotoluene	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
4-chlorotoluene	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
Bromobenzene	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
Bromochloromethane	µg/L	-	-	<4	---	---	<4	---	<4	<4	---
Bromodichloromethane	µg/L	25 ^{#15}	-	<4	---	---	<4	---	<4	<4	---
Bromoform	µg/L	25 ^{#15}	-	<1	---	---	<1	---	<1	<1	---
Bromomethane	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
Carbon disulfide	µg/L	-	-	---	---	---	---	---	---	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	<1	---	---	<1	---	<1	<1	---
Chlorodibromomethane	µg/L	25 ^{#15}	-	<1	---	---	<1	---	<1	<1	---
Chloroethane	µg/L	-	-	<1	---	---	<1	---	7	<1	---
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	<1	---	---	<1	---	<1	<1	---
Chloromethane	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	<1	---	---	<1	---	<1	<1	---
Dibromomethane	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
Dichlorodifluoromethane	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
Dichloromethane	µg/L	-	20 ^{#19}	2,800	---	---	<27	---	<2,700	12,000	---
Isopropylbenzene	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
n-butylbenzene	µg/L	-	-	<1	---	---	<1	---	<1	<1	---
n-propylbenzene	µg/L	-	-	<1	---	---	<1	---	<1	<1	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth				MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG			
				B-BH4		B-BH5		B-BH5		B-BH5		B-BH5		B-BH6		B-BH7	
				Soil		Soil		Soil		Soil		Soil		Soil		Soil	
				23-24351		23-23246		23-23246		23-23246		23-23246		23-24809		23-20933	
				06 Oct 2023		26 Sep 2023		26 Sep 2023		26 Sep 2023		26 Sep 2023		11 Oct 2023		11 Oct 2023	
				1.8		0.3		0.3		1		1		0.5			
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS														
p-isopropyltoluene	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
sec-butylbenzene	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	<1	---	---	<1	---	<1	<1	---						
tert-butylbenzene	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	<1	---	---	<1	---	<1	<1	---						
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	<1	---	---	<1	---	<1	<1	---						
Trichlorofluoromethane	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
Vinyl chloride	µg/L	0.5 ^{#1}	-	<1	---	---	<1	---	<1	<1	---						
tert-Amyl methyl ether	µg/L	-	-	<5	---	---	<5	---	<5	<5	---						
VOC/SVOC																	
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	---	---	<1	---	<1	<1	---						
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	---	---	<1	---	<1	<1	---						
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	---	---	<1	---	<1	<1	---						
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---	---	---	---						
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	<2	---	---	<2	---	<2	<2	---						
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	---	---	<1	---	<1	<1	---						
Chlorobenzene	µg/L	100 ^{#18}	-	<1	---	---	<1	---	<1	<1	---						
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	<1	---	---	<1	---	<1	<1	---						
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	<2	---	---	<2	---	<2	<2	---						
SVOC																	
1,4-dinitrobenzene	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
Benzyl alcohol	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
4-bromophenyl phenyl ether	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
4-nitroaniline	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
4-nitrophenol	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
1,3-Dinitrobenzene	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
1-Methylnaphthalene	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
2,3,4,6-tetrachlorophenol	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
2,3,5,6-Tetrachlorophenol	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
2,4,5-trichlorophenol	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
2,4,6-trichlorophenol	µg/L	-	-	<1	<0.1	---	<0.1	---	<0.1	<1	---						
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	<1	<0.1	---	<0.1	---	<0.1	<1	---						
2,4-dimethylphenol	µg/L	-	-	<1	<0.1	---	<0.1	---	<0.1	<1	---						
2,4-dinitrotoluene	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
2,6-dichlorophenol	µg/L	-	-	---	<0.1	---	<0.1	---	<0.1	---	---						
2,6-Dimethylphenol	µg/L	-	-	---	<0.1	---	<0.1	---	<0.1	---	---						
2,6-dinitrotoluene	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
2-chloronaphthalene	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
2-chlorophenol	µg/L	-	50 ^{#20}	<1	---	---	<1	---	<1	<1	---						
2-methylnaphthalene	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
2-methylphenol	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
2-nitroaniline	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
2-nitrophenol	µg/L	-	-	---	---	---	---	---	---	---	---						
3-nitroaniline	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	<1	<0.1	---	<0.1	---	<0.1	<1	---						
4-chloroaniline	µg/L	-	-	---	---	---	---	---	---	---	---						
4-chlorophenyl phenyl ether	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
4-methylphenol	µg/L	-	-	---	<0.1	---	<0.1	---	<0.1	---	---						
Aniline	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
Azobenzene	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
Bis(2-chloroethoxy) methane	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
Bis(2-chloroethyl)ether	µg/L	-	-	---	---	---	---	---	---	---	---						
Bis(2-chloroisopropyl) ether	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	<1	---	---	<1	---	<1	<1	---						
Bis(2-ethylhexyl)ester	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	<1	---	---	<1	---	<1	<1	---						
Carbazole	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	---	---	---	---	---	---						
Dibenzofuran	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
Diethylphthalate	µg/L	-	200 ^{#20}	<1	---	---	<1	---	<1	<1	---						
Dimethyl phthalate	µg/L	-	800 ^{#20}	<1	---	---	<1	---	<1	<1	---						
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	<1	---	---	<1	---	<1	<1	---						
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	<1	---	---	<1	---	<1	<1	---						
Diphenylamine	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	<1	---	---	<1	---	<1	<1	---						
Hexachlorocyclopentadiene	µg/L	-	-	<1	---	---	<1	---	<1	<1	---						
Hexachloroethane	µg/L	-	-	---	---	---	---	---	---	---	---						
Isophorone	µg/L	-	-	---	---	---	---	---	---	---	---						
Nitrobenzene	µg/L	-	-	---	---	---	---	---	---	---	---						
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	---	---	---	---	---	---						



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH4	B-BH5	B-BH5	B-BH5	B-BH5	B-BH5	B-BH6	B-BH6	B-BH7
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-24351	23-23246	23-23246	23-23246	23-23246	23-24809	23-24809	23-20933	
Date		06 Oct 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	26 Sep 2023	11 Oct 2023	11 Oct 2023	30 Aug 2023
Depth		1.8	0.3	0.3	1	1	0.5	4.3	0.5	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Pentachlorophenol	µg/L	-	0.4 ^{#19}	<1	---	---	<1	---	<1	---
PCB										
PCB 12	µg/L	-	-	---	---	---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---	---	<0.3	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---	---	<0.3	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---	---	<0.2	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---	---	<0.3	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---	---	<0.2	---	---	---
PCB 101	µg/L	-	-	---	---	---	<0.3	---	---	---
PCB 118 + PCB 123	mg/L	-	-	---	---	---	<0.0006	---	---	---
PCB 138	µg/L	-	-	---	---	---	<0.2	---	---	---
PCB 153	µg/L	-	-	---	---	---	<0.2	---	---	---
PCB 180	µg/L	-	-	---	---	---	<0.2	---	---	---
PCB 28 + PCB 31	µg/L	-	-	---	---	---	<0.3	---	---	---
PCB 52	µg/L	-	-	---	---	---	<0.2	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---	---	<0.2	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---	---	<0.3	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---	---	<0.5	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---	---	<0.3	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---	---	<0.2	---	---	---
Total PCB 7 Congeners	µg/L	-	-	---	---	---	<1	---	---	---
Total PCB WHO 12	µg/L	-	-	---	---	---	<1	---	---	---
PCBs (Sum of total)	µg/L	-	-	---	---	---	---	---	---	---
Solvents										
Acetone	µg/L	-	-	---	---	---	---	---	---	---
PAH/Phenols										
PAHs (Sum of 4)	µg/L	-	-	---	---	---	---	---	---	---
Pesticides										
Heptachlor epoxide	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---
Simetryn	mg/L	-	-	---	---	---	---	---	---	---
Tokuthion	µg/L	-	-	---	---	---	---	---	---	---
Secbumeton	µg/L	-	-	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---	---	---
2,4-Dichlorprop	µg/L	-	-	---	---	---	---	---	---	---
4,4-DDE	µg/L	-	0.00625 ^{#37}	---	---	---	---	---	---	---
a-BHC	µg/L	-	-	---	---	---	---	---	---	---
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---
Aldrin + Dieldrin	µg/L	-	-	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	µg/L	-	-	---	---	---	---	---	---	---
Ametryn	µg/L	-	-	---	---	---	---	---	---	---
Actril (loxynil)	µg/L	-	10 ^{#20}	---	---	---	---	---	---	---
Atraton	µg/L	-	-	---	---	---	---	---	---	---
Atrazine	µg/L	-	0.6 ^{#19}	---	---	---	---	---	---	---
Azinophos methyl	µg/L	-	0.01 ^{#30}	---	---	---	---	---	---	---
b-BHC	µg/L	-	-	---	---	---	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	---	---	---	---
Bentazone	µg/L	-	500 ^{#20}	---	---	---	---	---	---	---
Bolstar (Sulprofos)	µg/L	-	-	---	---	---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	---	---	---
gamma-Chlordane	µg/L	-	-	---	---	---	---	---	---	---
Chlorpyrifos	µg/L	-	0.03 ^{#19}	---	---	---	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---	---	---	---
Coumaphos	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---
d-BHC	µg/L	-	-	---	---	---	---	---	---	---
DDT	µg/L	-	0.01 ^{#39}	---	---	---	---	---	---	---
Demeton-O	µg/L	-	-	---	---	---	---	---	---	---
Demeton-S	µg/L	-	-	---	---	---	---	---	---	---
Diazinon	µg/L	-	0.01 ^{#19}	---	---	---	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	---	---	---	---



Matrix Description		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG	
Location Code		B-BH4		B-BH5		B-BH5		B-BH5		B-BH6		B-BH7	
Matrix Type		Soil		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		23-24351		23-23246		23-23246		23-23246		23-24809		23-20933	
Date		06 Oct 2023		26 Sep 2023		26 Sep 2023		26 Sep 2023		11 Oct 2023		11 Oct 2023	
Depth		1.8		0.3		0.3		1		1		0.5	
		UK Drinking Water Standards	UK Estuaries and coastal waters EQS										
	Unit												
Dichlorvos	µg/L	-	0.04 ^{#20}	---	---	---	---	---	---	---	---	---	---
Dieldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---	---	---	---
Disulfoton	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan I	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan II	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endrin	µg/L	-	0.00125 ^{#38}	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endrin ketone	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Ethoprop	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fensulfothion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fenthion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Heptachlor	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---	---	---	---
Merphos	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Methoxychlor	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Methyl parathion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Phorate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Picloram	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Prometon	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Prometryn	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Propazine	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Ronnel	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---	---	---	---
Simazine	µg/L	-	1 ^{#19}	---	---	---	---	---	---	---	---	---	---
Stirophos	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Terbutryn	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Terbutylazine	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Trichloronate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Field													
pH (Field)	pH_Units	6.5-9.5 ^{#1}	-	11.1	10	---	10.8	---	12.5	12.2	11.8		



Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				B-BH7	B-BH7	B-BH7	B-BH8	B-BH8	B-BH9	B-BH9	B-BH10
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-20933	23-20933	23-20933	23-17193	23-17193	23-16775-0	23-16775-0	23-21550
Date				30 Aug 2023	30 Aug 2023	30 Aug 2023	11 Jul 2023	11 Jul 2023	07 Jul 2023	07 Jul 2023	06 Sep 2023
Depth				0.5	5	5	1.4	1.4	2	3.8	1 - 1.1
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	---	1,400	---	1,200	---	240	---	630
Antimony (filtered)	µg/L	5 ^{#1}	-	---	1.1	---	0.32	---	<0.17	---	<0.17
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	---	0.63	---	1.1	---	0.43	---	2.1
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	110	---	200	---	310	---	70
Beryllium (filtered)	µg/L	-	-	---	<0.1	---	<0.1	---	<0.1	---	<0.1
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	57	---	<12	---	<12	---	27
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	---	<0.03	---	<0.03	---	<0.03	---	<0.03
Calcium (filtered)	mg/L	-	-	---	68	---	58	---	670	---	190
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	<7	---	<7	---	<7	---	<7
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	3.4	---	---	---	---	---	0.33
Chromium (Trivalent) (filtered)	µg/L	-	-	---	3.4	---	3.3	---	43	---	<1
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	---	8.1	---	3.6	---	3.7	---	1.3
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	---	<5.5	---	71	---	14	---	<5.5
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	---	1.7	---	4.1	---	18	---	0.26
Magnesium (filtered)	mg/L	-	-	---	0.76	---	0.15	---	0.06	---	0.75
Manganese (filtered)	µg/L	50 ^{#1}	-	---	0.35	---	8	---	0.43	---	0.69
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	---	0.12	---	0.23	---	0.05	---	0.01
Molybdenum (filtered)	µg/L	70 ^{#3}	-	---	2.9	---	6	---	9.3	---	2.1
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	---	<0.5	---	<0.5	---	<0.5	---	<0.5
Potassium (filtered)	mg/L	-	-	---	4.5	---	14	---	0.94	---	13
Selenium (filtered)	µg/L	10 ^{#1}	-	---	0.55	---	1.9	---	0.94	---	1.5
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	---	35	---	3.9	---	0.91	---	4.5
Tin (filtered)	µg/L	-	10 ^{#25}	---	0.5	---	<0.4	---	<0.4	---	<0.4
Titanium (filtered)	µg/L	-	-	---	<0.3	---	14	---	0.9	---	<0.3
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	28	---	65	---	1	---	43
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	---	<1.3	---	4.1	---	14	---	<1.3
Inorganics											
Total Hardness	mg/l	-	-	---	172	---	146	---	1,660	---	467
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	0.13	---	0.08	---	<0.02	---	0.07
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	0.047	0.11	0.1	0.066	0.059	<0.015	---	0.058
Chloride	mg/L	250 ^{#1}	-	---	75	---	3.7	---	12	---	1.9
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	<0.1	---	0.3	---	0.5	---	<0.1
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	0.2	---	0.5	---	0.7	---	9
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	<40	---	<40	---	<40	---	<40
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	---	0.38	---	0.4	---	2	---	0.23
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	---	<0.1	---	0.11	---	0.33	---	<0.1
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---	---
Sulphate	mg/L	250 (SO4) ^{#7}	-	---	16	---	33	---	3.3	---	380
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	-	-	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	-	-	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	11.6	---	12.6	---	---
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---	---
Sulphate (Soluble) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	---	<10	---	25	<0.084	<0.084	---	210
Sulphur as S (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Sulphur (free)	mg/L	-	-	---	<0.084	---	<0.084	---	<0.084	---	0.12
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	34	---	44	---	<10	---	43
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	---	73	---	47	---	<20	---	36
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---

Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				B-BH7	B-BH7	B-BH7	B-BH8	B-BH8	B-BH9	B-BH9
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-20933	23-20933	23-20933	23-17193	23-17193	23-16775-0	23-21550
Date				30 Aug 2023	30 Aug 2023	30 Aug 2023	11 Jul 2023	11 Jul 2023	07 Jul 2023	07 Jul 2023
Depth				0.5	5	5	1.4	1.4	2	3.8
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Ortho phosphate as PO4	mg/l	-	-	---	<0.03	---	<0.01	---	<0.01	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	---	---	---	---	---
Silica	µg/L	-	-	---	---	---	2,700	---	<100	2,400
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	1,700	---	880	---	540	340
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---	---
Other										
Dissolved Organic Carbon (filtered)	µg/L	-	-	---	4,500	---	6,500	---	4,800	<2,000
Electrical conductivity *(lab)	µS/cm	-	-	---	---	---	---	---	---	---
TPH CWG										
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	---	<0.1	---	<0.1	---	---	<0.1
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	---	<0.1	---	<0.1	---	---	<0.1
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	---	<0.1	---	<0.1	---	---	<0.1
>C10-C44 Aliphatics	µg/L	-	-	---	<1	---	12	---	<1	<1
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	---	<1	---	<1	---	<1	<1
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	<1	---	2.9	---	<1	<1
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	<1	---	8.8	---	<1	<1
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C16-C35 Aliphatics	µg/L	-	-	---	<2	---	9.8	---	<2	<2
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	<1	---	<1	---	<1	<1
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	<1	---	<1	---	<1	<1
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
Total Aliphatics >C12-C35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	<0.1	---	<0.1	---	<0.1	<0.1
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	---	<0.1	---	<0.1	---	<0.1	<0.1
>EC10-EC44 Aromatics	µg/L	-	-	---	<1	---	<1	---	<1	<1
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	---	<0.1	---	<0.1	---	<0.1	<0.1
>EC6-EC7 Aromatics	µg/L	-	-	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	---	<1	---	<1	---	<1	<1
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	<1	---	<1	---	<1	<1
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC16-EC35 Aromatics (filtered)	µg/L	-	-	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	<1	---	<1	---	<1	<1
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	<1	---	<1	---	<1	<1
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	µg/L	-	-	---	<1	---	<1	---	<1	<1
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	<1	---	12	---	<1	<1
Total Aromatics >EC5-EC35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	<10	---	11.7	---	<10	<10
TPH										
EPH >C10-40	µg/L	-	-	---	<10	---	60	---	25	<10
GRO >C5-12	µg/L	-	-	---	---	---	---	---	---	---
GRO C5-C10	µg/L	-	-	---	<1	---	<1	---	<1	<1
BTEx and MTBE										
Benzene	µg/L	1 ^{#1}	8 ^{#19}	---	<1	---	<1	---	<1	<1
Toluene	µg/L	700 ^{#2}	74 ^{#19}	---	<1	---	<5	---	<1	<5
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	---	<1	---	<5	---	<1	<5
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	---	<2	---	<10	---	<2	<10
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	---	<1	---	<5	---	<1	<5
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	---	<3	---	<15	---	<3	<15
MTBE	µg/L	15 ^{#10}	15 ^{#10}	---	<1	---	<10	---	<1	<10
Total BTEx	µg/L	-	-	---	---	---	---	---	---	---
PAH										
Naphthalene	µg/L	-	2 ^{#19}	---	0.25	---	<0.05	---	0.05	<0.05
Naphthalene (filtered)	µg/L	-	2 ^{#19}	---	---	---	---	---	---	---
Acenaphthene	µg/L	-	-	---	0.27	---	<0.01	---	<0.01	<0.01
Acenaphthene (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Acenaphthylene	µg/L	-	-	---	0.03	---	<0.01	---	<1	<0.01
Acenaphthylene (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Fluoranthene	µg/L	-	0.0063 ^{#19}	---	0.62	---	0.04	---	0.15	<1
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#19}	---	---	---	---	---	---	---
Anthracene	µg/L	-	0.1 ^{#19}	---	0.11	---	<0.01	---	0.05	<0.01
Anthracene (filtered)	µg/L	-	0.1 ^{#19}	---	---	---	---	---	---	---
Phenanthrene	µg/L	-	-	---	0.49	---	0.04	---	0.13	<1
Phenanthrene (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Fluorene	µg/L	-	-	---	0.13	---	<0.01	---	0.01	<0.01
Fluorene (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Chrysene	µg/L	-	-	---	0.33	---	0.01	---	0.08	<1

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH7	B-BH7	B-BH7	B-BH8	B-BH8	B-BH8	B-BH9	B-BH10
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-20933	23-20933	23-20933	23-17193	23-17193	23-16775-0	23-16775-0	23-21550
Date		30 Aug 2023	30 Aug 2023	30 Aug 2023	11 Jul 2023	11 Jul 2023	07 Jul 2023	07 Jul 2023	06 Sep 2023
Depth		0.5	5	5	1.4	1.4	2	3.8	1 - 1.1
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Chrysene (filtered)	µg/L	-	-	---	---	---	---	---	---
Pyrene	µg/L	-	-	---	0.58	---	0.03	---	0.01
Pyrene (filtered)	µg/L	-	-	---	---	---	---	---	---
Benzo(a)anthracene	µg/L	-	-	---	0.25	---	0.02	---	<0.01
Benzo(a)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	0.34	---	0.02	---	<0.01
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	0.12	---	<0.01	---	<0.01
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Benzo(b+k)fluoranthene	µg/L	-	-	---	0.46	---	0.03	---	<0.02
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	0.29	---	0.02	---	<0.01
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	---	---	---	---	---
Dibenz(a,h)anthracene	µg/L	-	-	---	0.05	---	<0.01	---	<0.01
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	0.19	---	0.01	---	<0.01
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	0.22	---	0.01	---	<0.01
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
PAH 16 Total	µg/L	-	-	---	4.3	---	<0.2	---	<0.2
PAH 16 Total (filtered)	µg/L	-	-	---	---	---	---	---	---
Phenolics									
Total Phenols (monohydric)	µg/L	-	-	---	<100	---	<100	---	<100
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	<1	---	---	<1	---
Xylenols	µg/L	-	-	---	---	---	<0.1	---	---
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	<0.1	---	<0.1	---	<0.1
Phenols Monohydric	µg/L	-	-	---	---	---	<100	---	---
VOC									
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	<2	---	---	<2	---
Styrene	µg/L	-	50 ^{#20}	---	<1	---	---	<1	---
cis-1,3-dichloropropene	µg/L	-	-	---	<1	---	---	<1	---
trans-1,3-dichloropropene	µg/L	-	-	---	<1	---	---	<1	---
1,1,1,2-tetrachloroethane	µg/L	-	-	---	<1	---	---	<1	---
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	---	<1	---	---	<1	---
1,1,2,2-tetrachloroethane	µg/L	-	-	---	<1	---	---	<1	---
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	---	<1	---	---	<1	---
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	---	<1	---	---	<1	---
1,1-dichloroethene	µg/L	140 ^{#14}	-	---	<1	---	---	<1	---
1,1-dichloropropene	µg/L	-	-	---	<1	---	---	<1	---
1,2,3-trichloropropane	µg/L	-	-	---	<1	---	---	<1	---
1,2,4-trimethylbenzene	µg/L	-	-	---	<1	---	---	<1	---
1,2-dibromo-3-chloropropane	µg/L	-	-	---	<1	---	---	<1	---
1,2-dibromoethane	µg/L	-	-	---	<1	---	---	<1	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	---	<1	---	---	<1	---
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	<2	---	---	<2	---
1,2-dichloropropane	µg/L	-	-	---	<1	---	---	<1	---
1,3,5-trimethylbenzene	µg/L	-	-	---	<1	---	---	<1	---
1,3-dichloropropane	µg/L	-	-	---	<1	---	---	<1	---
2,2-dichloropropane	µg/L	-	-	---	<2	---	---	<2	---
Trihalomethanes	µg/L	100 ^{#1}	-	---	<7	---	---	<7	---
2-chlorotoluene	µg/L	-	-	---	<1	---	---	<1	---
4-chlorotoluene	µg/L	-	-	---	<1	---	---	<1	---
Bromobenzene	µg/L	-	-	---	<1	---	---	<1	---
Bromochloromethane	µg/L	-	-	---	<4	---	---	<4	---
Bromodichloromethane	µg/L	25 ^{#15}	-	---	<4	---	---	<4	---
Bromoform	µg/L	25 ^{#15}	-	---	<1	---	---	<1	---
Bromomethane	µg/L	-	-	---	<1	---	---	<1	---
Carbon disulfide	µg/L	-	-	---	---	---	---	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	---	<1	---	---	<1	---
Chlorodibromomethane	µg/L	25 ^{#15}	-	---	<1	---	---	<1	---
Chloroethane	µg/L	-	-	---	<1	---	---	<1	---
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	---	<1	---	---	<1	---
Chloromethane	µg/L	-	-	---	<1	---	---	<1	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	<1	---	---	<1	---
Dibromomethane	µg/L	-	-	---	<1	---	---	<1	---
Dichlorodifluoromethane	µg/L	-	-	---	<1	---	---	<1	---
Dichloromethane	µg/L	-	20 ^{#19}	---	<27	---	---	<27	---
Isopropylbenzene	µg/L	-	-	---	<1	---	---	<1	---
n-butylbenzene	µg/L	-	-	---	<1	---	---	<1	---
n-propylbenzene	µg/L	-	-	---	<1	---	---	<1	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
				B-BH7	B-BH7	B-BH7	B-BH8	B-BH8	B-BH9	B-BH9	B-BH10
				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				23-20933	23-20933	23-20933	23-17193	23-17193	23-16775-0	23-16775-0	23-21550
				30 Aug 2023	30 Aug 2023	30 Aug 2023	11 Jul 2023	11 Jul 2023	07 Jul 2023	07 Jul 2023	06 Sep 2023
				0.5	5	5	1.4	1.4	2	3.8	1 - 1.1
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
p-isopropyltoluene	µg/L	-	-	---	<1	---	---	---	---	<1	---
sec-butylbenzene	µg/L	-	-	---	<1	---	---	---	---	<1	---
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	<1	---	---	---	---	<1	---
tert-butylbenzene	µg/L	-	-	---	<1	---	---	---	---	<1	---
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	<1	---	---	---	---	<1	---
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	<1	---	---	---	---	<1	---
Trichlorofluoromethane	µg/L	-	-	---	<1	---	---	---	---	<1	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	<1	---	---	---	---	<1	---
tert-Amyl methyl ether	µg/L	-	-	---	<5	---	<5	---	---	<5	<5
VOC/SVOC											
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1	---	---	---	---	<1	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1	---	---	---	---	<1	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1	---	---	---	---	<1	---
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<2	---	---	---	---	<2	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1	---	---	---	---	<1	---
Chlorobenzene	µg/L	100 ^{#18}	-	---	<1	---	---	---	---	<1	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	---	<1	---	---	---	---	<1	---
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	<2	---	---	---	---	<2	---
SVOC											
1,4-dinitrobenzene	µg/L	-	-	---	<1	---	---	---	---	<1	---
Benzyl alcohol	µg/L	-	-	---	<1	---	---	---	---	<1	---
4-bromophenyl phenyl ether	µg/L	-	-	---	<1	---	---	---	---	<1	---
4-nitroaniline	µg/L	-	-	---	<1	---	---	---	---	<1	---
4-nitrophenol	µg/L	-	-	---	<1	---	---	---	---	<1	---
1,3-Dinitrobenzene	µg/L	-	-	---	<1	---	---	---	---	<1	---
1-Methylnaphthalene	µg/L	-	-	---	<1	---	---	---	---	<1	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	<1	---	---	---	---	<1	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	<1	---	---	---	---	<1	---
2,4,5-trichlorophenol	µg/L	-	-	---	<1	---	---	---	---	<1	---
2,4,6-trichlorophenol	µg/L	-	-	---	<0.1	---	<0.1	---	---	<0.1	<0.1
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	---	<0.1	---	<0.1	---	---	<0.1	<0.1
2,4-dimethylphenol	µg/L	-	-	---	<0.1	---	<0.1	---	---	<0.1	<0.1
2,4-dinitrotoluene	µg/L	-	-	---	<1	---	---	---	---	<1	---
2,6-dichlorophenol	µg/L	-	-	---	<0.1	---	<0.1	---	---	<0.1	<0.1
2,6-Dimethylphenol	µg/L	-	-	---	<0.1	---	<0.1	---	---	<0.1	<0.1
2,6-dinitrotoluene	µg/L	-	-	---	<1	---	---	---	---	<1	---
2-chloronaphthalene	µg/L	-	-	---	<1	---	---	---	---	<1	---
2-chlorophenol	µg/L	-	50 ^{#20}	---	<1	---	---	---	---	<1	---
2-methylnaphthalene	µg/L	-	-	---	<1	---	---	---	---	<1	---
2-methylphenol	µg/L	-	-	---	<1	---	---	---	---	<1	---
2-nitroaniline	µg/L	-	-	---	<1	---	---	---	---	<1	---
2-nitrophenol	µg/L	-	-	---	---	---	---	---	---	---	---
3-nitroaniline	µg/L	-	-	---	<1	---	---	---	---	<1	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	---	<0.1	---	<0.1	---	---	<0.1	<0.1
4-chloroaniline	µg/L	-	-	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	<1	---	---	---	---	<1	---
4-methylphenol	µg/L	-	-	---	<0.1	---	<0.1	---	---	<0.1	<0.1
Aniline	µg/L	-	-	---	<1	---	---	---	---	<1	---
Azobenzene	µg/L	-	-	---	<1	---	---	---	---	<1	---
Bis(2-chloroethoxy) methane	µg/L	-	-	---	<1	---	---	---	---	<1	---
Bis(2-chloroethyl)ether	µg/L	-	-	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	<1	---	---	---	---	<1	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	<1	---	---	---	---	<1	---
Bis(2-ethylhexyl)ester	µg/L	-	-	---	<1	---	---	---	---	<1	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	<1	---	---	---	---	<1	---
Carbazole	µg/L	-	-	---	<1	---	---	---	---	<1	---
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	---	---	---	---	<1	---
Dibenzofuran	µg/L	-	-	---	<1	---	---	---	---	<1	---
Diethylphthalate	µg/L	-	200 ^{#20}	---	<1	---	---	---	---	<1	---
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	<1	---	---	---	---	<1	---
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	<1	---	---	---	---	<1	---
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	<1	---	---	---	---	<1	---
Diphenylamine	µg/L	-	-	---	<1	---	---	---	---	<1	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	---	<1	---	---	---	---	<1	---
Hexachlorocyclopentadiene	µg/L	-	-	---	<1	---	---	---	---	<1	---
Hexachloroethane	µg/L	-	-	---	---	---	---	---	---	---	---
Isophorone	µg/L	-	-	---	---	---	---	---	---	---	---
Nitrobenzene	µg/L	-	-	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH7	B-BH7	B-BH7	B-BH8	B-BH8	B-BH8	B-BH9	B-BH10
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-20933	23-20933	23-20933	23-17193	23-17193	23-16775-0	23-16775-0	23-21550
Date		30 Aug 2023	30 Aug 2023	30 Aug 2023	11 Jul 2023	11 Jul 2023	07 Jul 2023	07 Jul 2023	06 Sep 2023
Depth		0.5	5	5	1.4	1.4	2	3.8	1 - 1.1
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Pentachlorophenol	µg/L	-	0.4 ^{#19}					<1	
PCB									
PCB 12	µg/L	-	-						
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-						
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-						
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-						
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-						
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-						
PCB 101	µg/L	-	-						
PCB 118 + PCB 123	mg/L	-	-						
PCB 138	µg/L	-	-						
PCB 153	µg/L	-	-						
PCB 180	µg/L	-	-						
PCB 28 + PCB 31	µg/L	-	-						
PCB 52	µg/L	-	-						
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-						
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-						
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-						
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-						
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-						
Total PCB 7 Congeners	µg/L	-	-						
Total PCB WHO 12	µg/L	-	-						
PCBs (Sum of total)	µg/L	-	-						
Solvents									
Acetone	µg/L	-	-					6.562	
PAH/Phenols									
PAHs (Sum of 4)	µg/L	-	-					<4	
Pesticides									
Heptachlor epoxide	µg/L	0.03 ^{#1}	-						
Simetryn	mg/L	-	-						
Tokuthion	µg/L	-	-						
Secbumeton	µg/L	-	-						
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-						
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-						
2,4,5-TP (Silvex)	µg/L	-	-						
Hedonal	µg/L	-	0.3 ^{#19}						
2,4-dichlorophenoxybutanoic acid	µg/L	-	-						
2,4-Dichlorprop	µg/L	-	-						
4,4-DDE	µg/L	-	0.00625 ^{#37}						
a-BHC	µg/L	-	-						
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}						
Aldrin + Dieldrin	µg/L	-	-						
Aldrin+Dieldrin+Endrin+Isodrin	µg/L	-	-						
Ametryn	µg/L	-	-						
Actril (loxynil)	µg/L	-	10 ^{#20}						
Atraton	µg/L	-	-						
Atrazine	µg/L	-	0.6 ^{#19}						
Azinophos methyl	µg/L	-	0.01 ^{#30}						
b-BHC	µg/L	-	-						
Benazolin	µg/L	-	-						
Bentazone	µg/L	-	500 ^{#20}						
Bolstar (Sulprofos)	µg/L	-	-						
Bromoxynil	µg/L	-	100 ^{#20}						
gamma-Chlordane	µg/L	-	-						
Chlorpyrifos	µg/L	-	0.03 ^{#19}						
Clopyralid	µg/L	-	-						
Coumaphos	µg/L	-	0.03 ^{#20}						
d-BHC	µg/L	-	-						
DDT	µg/L	-	0.01 ^{#39}						
Demeton-O	µg/L	-	-						
Demeton-S	µg/L	-	-						
Diazinon	µg/L	-	0.01 ^{#19}						
Dicamba	µg/L	-	-						



Matrix Description		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG	
Location Code		B-BH7		B-BH7		B-BH7		B-BH8		B-BH8		B-BH9	
Matrix Type		Soil		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		23-20933		23-20933		23-20933		23-17193		23-17193		23-16775-0	
Date		30 Aug 2023		30 Aug 2023		30 Aug 2023		11 Jul 2023		11 Jul 2023		07 Jul 2023	
Depth		0.5		5		5		1.4		1.4		2	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS										
Dichlorvos	µg/L	-	0.04 ^{#20}	---	---	---	---	---	---	---	---	---	---
Dieldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---	---	---	---
Disulfoton	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan I	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan II	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endrin	µg/L	-	0.00125 ^{#38}	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endrin ketone	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Ethoprop	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fensulfothion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fenthion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Heptachlor	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---	---	---	---
Merphos	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Methoxychlor	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Methyl parathion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Phorate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Picloram	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Prometon	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Prometryn	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Propazine	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Ronnel	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---	---	---	---
Simazine	µg/L	-	1 ^{#19}	---	---	---	---	---	---	---	---	---	---
Stirophos	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Terbutryn	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Terbutylazine	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Trichloronate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Field													
pH (Field)	pH_Units	6.5-9.5 ^{#1}	-	---	11.5	---	11.6	---	12.6	---	9.9		



Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				B-BH10	B-BH12	B-BH12	B-BH15	B-BH15	B-BH15	B-BH15	B-BH15
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-21550	23-21439	23-21439	23-05104-0	23-05104-0	23-05104-0	23-05111	23-05111
Date				06 Sep 2023	31 Aug 2023	31 Aug 2023	24 Feb 2023	24 Feb 2023	24 Feb 2023	23 Feb 2023	23 Feb 2023
Depth				1 - 1.1	0.6	0.6	2.8	2.8	2.8	0.5	0.5 - 0.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	---	98	---	---	10	---	---	140
Antimony (filtered)	µg/L	5 ^{#1}	-	---	0.77	---	---	1.6	---	---	<0.17
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	---	2.8	---	---	1.5	---	---	1.9
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	31	---	---	24	---	---	40
Beryllium (filtered)	µg/L	-	-	---	<0.1	---	---	<0.1	---	---	<0.1
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	320	---	---	33	---	---	14
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	---	<0.03	---	---	<0.03	---	---	<0.03
Calcium (filtered)	mg/L	-	-	---	49	---	---	11	---	---	170
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	<7	---	---	<7	---	---	<7
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	3	---	---	---	---	---	---
Chromium (Trivalent) (filtered)	µg/L	-	-	---	3	---	---	1.5	---	---	<1
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	---	1.6	---	---	2	---	---	3.5
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	---	24	---	---	34	---	---	21
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	---	<0.09	---	---	0.43	---	---	0.39
Magnesium (filtered)	mg/L	-	-	---	0.81	---	---	1.3	---	---	0.83
Manganese (filtered)	µg/L	50 ^{#1}	-	---	1.2	---	---	20	---	---	4.3
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	---	0.01	---	---	<0.01	---	---	0.03
Molybdenum (filtered)	µg/L	70 ^{#3}	-	---	7.3	---	---	3.5	---	---	14
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	---	<0.5	---	---	0.7	---	---	<0.5
Potassium (filtered)	mg/L	-	-	---	9.7	---	---	1.2	---	---	9.8
Selenium (filtered)	µg/L	10 ^{#1}	-	---	1.8	---	---	<0.25	---	---	2.2
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	---	14	---	---	20	---	---	4.5
Tin (filtered)	µg/L	-	10 ^{#25}	---	<0.4	---	---	<0.4	---	---	<0.4
Titanium (filtered)	µg/L	-	-	---	0.8	---	---	4.8	---	---	1
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	20	---	---	0.8	---	---	32
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	---	<1.3	---	---	1.5	---	---	<1.3
Inorganics											
Total Hardness	mg/l	-	-	---	125	---	---	31.8	---	---	424
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	0.21	---	---	0.28	---	---	0.28
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	0.058	0.17	0.17	---	0.23	0.21	---	0.23
Chloride	mg/L	250 ^{#1}	-	---	19	---	---	3.6	---	---	2.6
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	1	---	---	0.3	---	---	<0.1
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	25	---	---	16	---	---	8.5
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	53	---	---	<40	---	---	<40
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	---	1.7	---	---	0.46	---	---	0.41
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	---	0.62	---	---	<0.1	---	---	<0.1
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---	---
Sulphate	mg/L	250 (SO4) ^{#7}	-	---	140	---	---	1,200	---	---	200
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	-	-	---	---	---	1,800	---	---	1,600	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	-	-	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	8.4	---	---	8.1
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---	---
Sulphate (Soluble) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	---	67	---	---	500	<0.084	---	<0.084
Sulphur as S (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Sulphur (free)	mg/L	-	-	---	<0.084	---	---	<0.084	---	---	<0.084
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	21	---	---	24	---	---	<10
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	---	46	---	---	27	---	---	<20
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---

				Matrix Description	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
				Location Code	B-BH10	B-BH12	B-BH12	B-BH15	B-BH15	B-BH15	B-BH15
				Matrix Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				Lab Report Number	23-21550	23-21439	23-21439	23-05104-0	23-05104-0	23-05104-0	23-05111
				Date	06 Sep 2023	31 Aug 2023	31 Aug 2023	24 Feb 2023	24 Feb 2023	24 Feb 2023	23 Feb 2023
				Depth	1 - 1.1	0.6	0.6	2.8	2.8	2.8	0.5
				0.5 - 0.5							
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Ortho phosphate as PO4	mg/l	-	-	---	<0.03	---	---	---	<0.01	---	<0.01
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Silica	µg/L	-	-	---	2,000	---	---	---	4,700	---	5,000
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	850	---	---	---	330	---	160
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---	---	---
Other											
Dissolved Organic Carbon (filtered)	µg/L	-	-	---	2,800	---	---	---	6,200	---	6,400
Electrical conductivity *(lab)	µS/cm	-	-	---	---	---	---	---	---	---	---
TPH CWG											
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	<0.1
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	<0.1
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	<0.1
>C10-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---	<1
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	<1
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	<1
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	<1
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C16-C35 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	<1
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---	<1
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aliphatics >C12-C35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	<0.1
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	<0.1
>EC10-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	---	---	<1
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	<0.1
>EC6-EC7 Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	<1
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	<1
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC16-EC35 Aromatics (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	<1
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	<1
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	---	---	<1
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	---	---	---	---	---	---	<1
Total Aromatics >EC5-EC35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	---	---	---	---	---	---	<

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH10	B-BH12	B-BH12	B-BH15	B-BH15	B-BH15	B-BH15	B-BH15
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-21550	23-21439	23-21439	23-05104-0	23-05104-0	23-05104-0	23-05111	23-05111
Date		06 Sep 2023	31 Aug 2023	31 Aug 2023	24 Feb 2023	24 Feb 2023	24 Feb 2023	23 Feb 2023	23 Feb 2023
Depth		1 - 1.1	0.6	0.6	2.8	2.8	2.8	0.5	0.5 - 0.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Chrysene (filtered)	µg/L	-	-	-	-	-	-	-	-
Pyrene	µg/L	-	-	0.16	-	0.01	-	-	0.07
Pyrene (filtered)	µg/L	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	-	0.06	-	<0.01	-	-	0.04
Benzo(a)anthracene (filtered)	µg/L	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.09	-	<0.01	-	-	0.06
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.03	-	<0.01	-	-	0.04
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	-	-	-	-	-
Benzo(b+k)fluoranthene	µg/L	-	-	0.12	-	-	-	-	-
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	0.07	-	<0.01	-	-	0.05
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#34}	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/L	-	-	0.01	-	<0.01	-	-	<0.01
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.06	-	<0.01	-	-	0.03
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	-	-	-	-	-
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.06	-	<0.01	-	-	0.04
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	-	-	-	-	-
PAH 16 Total	µg/L	-	-	1.3	-	<0.2	-	-	0.65
PAH 16 Total (filtered)	µg/L	-	-	-	-	-	-	-	-
Phenolics									
Total Phenols (monohydric)	µg/L	-	-	<100	-	<100	-	-	<100
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	-	-	-	-	-	<1
Xylenols	µg/L	-	-	-	-	-	-	-	<0.1
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	-	-	-	-	-	<0.1
Phenols Monohydric	µg/L	-	-	-	-	<100	-	-	<100
VOC									
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	-	-	-	-	-	-
Styrene	µg/L	-	50 ^{#20}	-	-	-	-	-	<1
cis-1,3-dichloropropene	µg/L	-	-	-	-	-	-	-	<1
trans-1,3-dichloropropene	µg/L	-	-	-	-	-	-	-	<1
1,1,1,2-tetrachloroethane	µg/L	-	-	-	-	-	-	-	<1
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	-	-	-	-	-	<1
1,1,2,2-tetrachloroethane	µg/L	-	-	-	-	-	-	-	<1
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	-	-	-	-	-	<1
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	-	-	-	-	-	<1
1,1-dichloroethene	µg/L	140 ^{#14}	-	-	-	-	-	-	<1
1,1-dichloropropene	µg/L	-	-	-	-	-	-	-	<1
1,2,3-trichloropropane	µg/L	-	-	-	-	-	-	-	<1
1,2,4-trimethylbenzene	µg/L	-	-	-	-	-	-	-	<1
1,2-dibromo-3-chloropropane	µg/L	-	-	-	-	-	-	-	<1
1,2-dibromoethane	µg/L	-	-	-	-	-	-	-	<1
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	-	-	-	-	-	<1
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	-	-	-	-	-	-
1,2-dichloropropane	µg/L	-	-	-	-	-	-	-	<1
1,3,5-trimethylbenzene	µg/L	-	-	-	-	-	-	-	<1
1,3-dichloropropane	µg/L	-	-	-	-	-	-	-	<1
2,2-dichloropropane	µg/L	-	-	-	-	-	-	-	<2
Trihalomethanes	µg/L	100 ^{#1}	-	-	-	-	-	-	-
2-chlorotoluene	µg/L	-	-	-	-	-	-	-	<1
4-chlorotoluene	µg/L	-	-	-	-	-	-	-	<1
Bromobenzene	µg/L	-	-	-	-	-	-	-	<1
Bromochloromethane	µg/L	-	-	-	-	-	-	-	<4
Bromodichloromethane	µg/L	25 ^{#15}	-	-	-	-	-	-	<4
Bromoform	µg/L	25 ^{#15}	-	-	-	-	-	-	<1
Bromomethane	µg/L	-	-	-	-	-	-	-	<1
Carbon disulfide	µg/L	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	-	-	-	-	-	<1
Chlorodibromomethane	µg/L	25 ^{#15}	-	-	-	-	-	-	<1
Chloroethane	µg/L	-	-	-	-	-	-	-	<1
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	-	-	-	-	-	<1
Chloromethane	µg/L	-	-	-	-	-	-	-	<1
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	-	-	-	-	-	<1
Dibromomethane	µg/L	-	-	-	-	-	-	-	<1
Dichlorodifluoromethane	µg/L	-	-	-	-	-	-	-	<1
Dichloromethane	µg/L	-	20 ^{#19}	-	-	-	-	-	<27
Isopropylbenzene	µg/L	-	-	-	-	-	-	-	<1
n-butylbenzene	µg/L	-	-	-	-	-	-	-	<1
n-propylbenzene	µg/L	-	-	-	-	-	-	-	<1

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH10	B-BH12	B-BH12	B-BH15	B-BH15	B-BH15	B-BH15	B-BH15
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-21550	23-21439	23-21439	23-05104-0	23-05104-0	23-05104-0	23-05111	23-05111
Date		06 Sep 2023	31 Aug 2023	31 Aug 2023	24 Feb 2023	24 Feb 2023	24 Feb 2023	23 Feb 2023	23 Feb 2023
Depth		1 - 1.1	0.6	0.6	2.8	2.8	2.8	0.5	0.5 - 0.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
p-isopropyltoluene	µg/L	-	-	-	---	---	---	---	<1
sec-butylbenzene	µg/L	-	-	-	---	---	---	---	<1
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	-	---	---	---	---	<1
tert-butylbenzene	µg/L	-	-	-	---	---	---	---	<1
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	-	---	---	---	---	<1
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	-	---	---	---	---	<1
Trichlorofluoromethane	µg/L	-	-	-	---	---	---	---	<1
Vinyl chloride	µg/L	0.5 ^{#1}	-	-	---	---	---	---	<1
tert-Amyl methyl ether	µg/L	-	-	-	---	---	---	---	<5
VOC/SVOC									
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	-	---	---	---	---	<1
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	-	---	---	---	---	<1
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	-	---	---	---	---	<1
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	-	---	---	---	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	-	---	---	---	---	<2
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	-	---	---	---	---	<1
Chlorobenzene	µg/L	100 ^{#18}	-	-	---	---	---	---	<1
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	-	---	---	---	---	<1
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	-	---	---	---	---	---
SVOC									
1,4-dinitrobenzene	µg/L	-	-	-	---	---	---	---	<1
Benzyl alcohol	µg/L	-	-	-	---	---	---	---	<1
4-bromophenyl phenyl ether	µg/L	-	-	-	---	---	---	---	<1
4-nitroaniline	µg/L	-	-	-	---	---	---	---	<1
4-nitrophenol	µg/L	-	-	-	---	---	---	---	<1
1,3-Dinitrobenzene	µg/L	-	-	-	---	---	---	---	<1
1-Methylnaphthalene	µg/L	-	-	-	---	---	---	---	<1
2,3,4,6-tetrachlorophenol	µg/L	-	-	-	---	---	---	---	<1
2,3,5,6-Tetrachlorophenol	µg/L	-	-	-	---	---	---	---	<1
2,4,5-trichlorophenol	µg/L	-	-	-	---	---	---	---	<1
2,4,6-trichlorophenol	µg/L	-	-	-	---	---	---	---	<0.1
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	-	---	---	---	---	<0.1
2,4-dimethylphenol	µg/L	-	-	-	---	---	---	---	<0.1
2,4-dinitrotoluene	µg/L	-	-	-	---	---	---	---	<1
2,6-dichlorophenol	µg/L	-	-	-	---	---	---	---	<0.1
2,6-Dimethylphenol	µg/L	-	-	-	---	---	---	---	<0.1
2,6-dinitrotoluene	µg/L	-	-	-	---	---	---	---	<1
2-chloronaphthalene	µg/L	-	-	-	---	---	---	---	<1
2-chlorophenol	µg/L	-	50 ^{#20}	-	---	---	---	---	<1
2-methylnaphthalene	µg/L	-	-	-	---	---	---	---	<1
2-methylphenol	µg/L	-	-	-	---	---	---	---	<1
2-nitroaniline	µg/L	-	-	-	---	---	---	---	<1
2-nitrophenol	µg/L	-	-	-	---	---	---	---	---
3-nitroaniline	µg/L	-	-	-	---	---	---	---	<1
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	-	---	---	---	---	<0.1
4-chloroaniline	µg/L	-	-	-	---	---	---	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	-	---	---	---	---	<1
4-methylphenol	µg/L	-	-	-	---	---	---	---	<0.1
Aniline	µg/L	-	-	-	---	---	---	---	<1
Azobenzene	µg/L	-	-	-	---	---	---	---	<1
Bis(2-chloroethoxy) methane	µg/L	-	-	-	---	---	---	---	<1
Bis(2-chloroethoxy) ether	µg/L	-	-	-	---	---	---	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	-	---	---	---	---	<1
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	-	---	---	---	---	<1
Bis(2-ethylhexyl) ester	µg/L	-	-	-	---	---	---	---	<1
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	-	---	---	---	---	<1
Carbazole	µg/L	-	-	-	---	---	---	---	<1
Di(2-ethylhexyl) adipate	µg/L	-	-	-	---	---	---	---	<1
Dibenzofuran	µg/L	-	-	-	---	---	---	---	<1
Diethylphthalate	µg/L	-	200 ^{#20}	-	---	---	---	---	<1
Dimethyl phthalate	µg/L	-	800 ^{#20}	-	---	---	---	---	<1
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	-	---	---	---	---	<1
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	-	---	---	---	---	<1
Diphenylamine	µg/L	-	-	-	---	---	---	---	<1
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	-	---	---	---	---	<1
Hexachlorocyclopentadiene	µg/L	-	-	-	---	---	---	---	<1
Hexachloroethane	µg/L	-	-	-	---	---	---	---	---
Isophorone	µg/L	-	-	-	---	---	---	---	---
Nitrobenzene	µg/L	-	-	-	---	---	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	-	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH10	B-BH12	B-BH12	B-BH15	B-BH15	B-BH15	B-BH15	B-BH15
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-21550	23-21439	23-21439	23-05104-0	23-05104-0	23-05104-0	23-05111	23-05111
Date		06 Sep 2023	31 Aug 2023	31 Aug 2023	24 Feb 2023	24 Feb 2023	24 Feb 2023	23 Feb 2023	23 Feb 2023
Depth		1 - 1.1	0.6	0.6	2.8	2.8	2.8	0.5	0.5 - 0.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Pentachlorophenol	µg/L	-	0.4 ^{#19}		---	---	---	---	<1
PCB									
PCB 12	µg/L	-	-		---	---	---	---	<1
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-		---	---	---	---	<0.3
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-		---	---	---	---	<0.3
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-		---	---	---	---	<0.2
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-		---	---	---	---	<0.3
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-		---	---	---	---	<0.2
PCB 101	µg/L	-	-		---	---	---	---	<0.3
PCB 118 + PCB 123	mg/L	-	-		---	---	---	---	<0.0006
PCB 138	µg/L	-	-		---	---	---	---	<0.2
PCB 153	µg/L	-	-		---	---	---	---	<0.2
PCB 180	µg/L	-	-		---	---	---	---	<0.2
PCB 28 + PCB 31	µg/L	-	-		---	---	---	---	<0.3
PCB 52	µg/L	-	-		---	---	---	---	<0.2
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-		---	---	---	---	<0.2
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-		---	---	---	---	<0.3
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-		---	---	---	---	<0.5
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-		---	---	---	---	<0.3
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-		---	---	---	---	<0.2
Total PCB 7 Congeners	µg/L	-	-		---	---	---	---	<1
Total PCB WHO 12	µg/L	-	-		---	---	---	---	---
PCBs (Sum of total)	µg/L	-	-		---	---	---	---	<1
Solvents									
Acetone	µg/L	-	-		---	---	---	---	---
PAH/Phenols									
PAHs (Sum of 4)	µg/L	-	-		---	---	---	---	---
Pesticides									
Heptachlor epoxide	µg/L	0.03 ^{#1}	-		---	---	---	---	---
Simetryn	mg/L	-	-		---	---	---	---	---
Tokuthion	µg/L	-	-		---	---	---	---	---
Secbumeton	µg/L	-	-		---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-		---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-		---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-		---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}		---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-		---	---	---	---	---
2,4-Dichlorprop	µg/L	-	-		---	---	---	---	---
4,4-DDE	µg/L	-	0.00625 ^{#37}		---	---	---	---	---
a-BHC	µg/L	-	-		---	---	---	---	---
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}		---	---	---	---	---
Aldrin + Dieldrin	µg/L	-	-		---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	µg/L	-	-		---	---	---	---	---
Ametryn	µg/L	-	-		---	---	---	---	---
Actril (loxynil)	µg/L	-	10 ^{#20}		---	---	---	---	---
Atraton	µg/L	-	-		---	---	---	---	---
Atrazine	µg/L	-	0.6 ^{#19}		---	---	---	---	---
Azinophos methyl	µg/L	-	0.01 ^{#30}		---	---	---	---	---
b-BHC	µg/L	-	-		---	---	---	---	---
Benazolin	µg/L	-	-		---	---	---	---	---
Bentazone	µg/L	-	500 ^{#20}		---	---	---	---	---
Bolstar (Sulprofos)	µg/L	-	-		---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}		---	---	---	---	---
gamma-Chlordane	µg/L	-	-		---	---	---	---	---
Chlorpyrifos	µg/L	-	0.03 ^{#19}		---	---	---	---	---
Clopyralid	µg/L	-	-		---	---	---	---	---
Coumaphos	µg/L	-	0.03 ^{#20}		---	---	---	---	---
d-BHC	µg/L	-	-		---	---	---	---	---
DDT	µg/L	-	0.01 ^{#39}		---	---	---	---	---
Demeton-O	µg/L	-	-		---	---	---	---	---
Demeton-S	µg/L	-	-		---	---	---	---	---
Diazinon	µg/L	-	0.01 ^{#19}		---	---	---	---	---
Dicamba	µg/L	-	-		---	---	---	---	---



Matrix Description		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG	
Location Code		B-BH10		B-BH12		B-BH12		B-BH15		B-BH15		B-BH15	
Matrix Type		Soil		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		23-21550		23-21439		23-21439		23-05104-0		23-05104-0		23-05104-0	
Date		06 Sep 2023		31 Aug 2023		31 Aug 2023		24 Feb 2023		24 Feb 2023		24 Feb 2023	
Depth		1 - 1.1		0.6		0.6		2.8		2.8		2.8	
		UK Drinking Water Standards		UK Estuaries and coastal waters EQS									
	Unit												
Dichlorvos	µg/L	-		0.04 ^{#20}		---		---		---		---	
Dieldrin	µg/L	0.03 ^{#1}		0.00125 ^{#38}		---		---		---		---	
Disulfoton	µg/L	-		-		---		---		---		---	
Endosulfan I	µg/L	-		-		---		---		---		---	
Endosulfan II	µg/L	-		-		---		---		---		---	
Endosulfan sulphate	µg/L	-		-		---		---		---		---	
Endrin	µg/L	-		0.00125 ^{#38}		---		---		---		---	
Endrin aldehyde	µg/L	-		-		---		---		---		---	
Endrin ketone	µg/L	-		-		---		---		---		---	
Ethoprop	µg/L	-		-		---		---		---		---	
Fensulfothion	µg/L	-		-		---		---		---		---	
Fenthion	µg/L	-		-		---		---		---		---	
Fluroxypyr	µg/L	-		-		---		---		---		---	
g-BHC (Lindane)	µg/L	-		-		---		---		---		---	
Heptachlor	µg/L	0.03 ^{#1}		-		---		---		---		---	
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-		-		---		---		---		---	
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-		-		---		---		---		---	
Mecoprop	µg/L	-		18 ^{#19}		---		---		---		---	
Merphos	µg/L	-		-		---		---		---		---	
Methoxychlor	µg/L	-		-		---		---		---		---	
Methyl parathion	µg/L	-		-		---		---		---		---	
Mevinphos (Phosdrin)	µg/L	-		-		---		---		---		---	
Naled (Dibrom)	µg/L	-		-		---		---		---		---	
Phorate	µg/L	-		-		---		---		---		---	
Picloram	µg/L	-		-		---		---		---		---	
Prometon	µg/L	-		-		---		---		---		---	
Prometryn	µg/L	-		-		---		---		---		---	
Propazine	µg/L	-		-		---		---		---		---	
Ronnel	µg/L	-		0.03 ^{#20}		---		---		---		---	
Simazine	µg/L	-		1 ^{#19}		---		---		---		---	
Stirophos	µg/L	-		-		---		---		---		---	
Terbutryn	µg/L	-		-		---		---		---		---	
Terbutylazine	µg/L	-		-		---		---		---		---	
Trichloronate	µg/L	-		-		---		---		---		---	
Triclopyr	µg/L	-		-		---		---		---		---	
Field													
pH (Field)	pH_Units	6.5-9.5 ^{#1}		-		---		9.4		---		---	



Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				B-BH15	B-BH16	B-BH16	B-BH16	B-BH16	B-BH16	B-BH17	B-BH17
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-05111	23-20508	23-20508	23-20508	23-20508	23-20508	23-20739	23-20739
Date				23 Feb 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	24 Aug 2023	24 Aug 2023
Depth				0.5 - 0.5	0.7	0.7	1.9	1.9	4.5	0.5	0.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	---	210	---	350	---	---	370	---
Antimony (filtered)	µg/L	5 ^{#1}	-	---	0.24	---	<0.17	---	---	<0.17	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	---	2.9	---	1.2	---	---	1.1	---
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	19	---	55	---	---	60	---
Beryllium (filtered)	µg/L	-	-	---	<0.1	---	<0.1	---	---	<0.1	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	150	---	30	---	---	160	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	---	<0.03	---	<0.03	---	---	<0.03	---
Calcium (filtered)	mg/L	-	-	---	59	---	240	---	---	440	---
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	<7	---	<7	---	---	<7	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	1.4	---	0.43	---	---	0.5	---
Chromium (Trivalent) (filtered)	µg/L	-	-	---	1.4	---	<1	---	---	<1	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	---	1.7	---	1.1	---	---	1.6	---
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	---	<5.5	---	<5.5	---	---	28	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	---	0.25	---	0.45	---	---	0.22	---
Magnesium (filtered)	mg/L	-	-	---	3.3	---	1	---	---	2.3	---
Manganese (filtered)	µg/L	50 ^{#1}	-	---	4.3	---	3	---	---	8.1	---
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	---	0.01	---	<0.01	---	---	<0.01	---
Molybdenum (filtered)	µg/L	70 ^{#3}	-	---	<1.1	---	<1.1	---	---	<1.1	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	---	<0.5	---	<0.5	---	---	<0.5	---
Potassium (filtered)	mg/L	-	-	---	5.2	---	9.8	---	---	15	---
Selenium (filtered)	µg/L	10 ^{#1}	-	---	1.6	---	1.1	---	---	1.6	---
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	---	5	---	1.7	---	---	5.1	---
Tin (filtered)	µg/L	-	10 ^{#25}	---	<0.4	---	<0.4	---	---	<0.4	---
Titanium (filtered)	µg/L	-	-	---	<0.3	---	<0.3	---	---	<0.3	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	32	---	10	---	---	7.9	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	---	1.5	---	<1.3	---	---	2.2	---
Inorganics											
Total Hardness	mg/l	-	-	---	161	---	614	---	---	1,100	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	0.04	---	0.09	---	---	1.1	---
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	0.22	0.033	0.028	0.074	0.067	---	0.91	0.88
Chloride	mg/L	250 ^{#1}	-	---	7.4	---	1.3	---	---	1.2	---
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	0.2	---	0.2	---	---	1.2	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	11	---	4.4	---	---	19	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	<40	---	<40	---	---	76	---
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	---	1.8	---	0.19	---	---	0.17	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	---	<0.1	---	<0.1	---	---	1.6	---
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---	---
Sulphate	mg/L	250 (SO4) ^{#7}	-	---	150	---	1,000	---	---	540	---
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	-	-	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	-	-	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---	---
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---	---
Sulphate (Soluble) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	---	84	---	310	---	---	<10	---
Sulphur as S (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Sulphur (free)	mg/L	-	-	---	<0.084	---	<0.084	---	---	0.19	---
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	32	---	<10	---	---	13	---
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	---	<20	---	<20	---	---	<20	---
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH15	B-BH16	B-BH16	B-BH16	B-BH16	B-BH16	B-BH17	B-BH17
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-05111	23-20508	23-20508	23-20508	23-20508	23-20508	23-20739	23-20739
Date		23 Feb 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	24 Aug 2023	24 Aug 2023
Depth		0.5 - 0.5	0.7	0.7	1.9	1.9	4.5	0.5	0.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Ortho phosphate as PO4	mg/l	-	-	-	<0.03	-	-	<0.03	-
Ortho phosphate as PO4 (filtered)	mg/l	-	-	-	-	-	-	-	-
Silica	µg/L	-	-	-	1,800	-	-	180	-
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	-	390	160	-	510	-
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	-	-	-	-	-	-
Other									
Dissolved Organic Carbon (filtered)	µg/L	-	-	-	3,100	4,800	-	4,500	-
Electrical conductivity *(lab)	µS/cm	-	-	-	-	-	-	-	-
TPH CWG									
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	-	-	<0.1	-	<0.1	-
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	-	-	<0.1	-	<0.1	-
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	-	-	<0.1	-	<0.1	-
>C10-C44 Aliphatics	µg/L	-	-	-	-	<1	-	<1	-
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	-	-	<1	-	<1	-
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	-	-	<1	-	<1	-
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	See TPH	-	-	-	-	-	-
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	-	-	<1	-	<1	-
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	See TPH	-	-	-	-	-	-
>C16-C35 Aliphatics	µg/L	-	-	-	-	<2	-	<2	-
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	-	-	<1	-	<1	-
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	See TPH	-	-	-	-	-	-
>C35-C44 Aliphatics	µg/L	-	-	-	-	<1	-	<1	-
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	-	-	-	-	-	-
Total Aliphatics >C12-C35 (filtered)	µg/L	-	-	-	-	-	-	-	-
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	-	-	<0.1	-	<0.1	-
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	-	-	<0.1	-	<0.1	-
>EC10-EC44 Aromatics	µg/L	-	-	-	-	<1	-	<1	-
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	-	-	<0.1	-	<0.1	-
>EC6-EC7 Aromatics	µg/L	-	-	-	-	-	-	-	-
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	-	-	<1	-	<1	-
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	-	-	<1	-	<1	-
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	See TPH	-	-	-	-	-	-
>EC16-EC35 Aromatics (filtered)	µg/L	-	-	-	-	-	-	-	-
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	-	-	<1	-	<1	-
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	See TPH	-	-	-	-	-	-
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	-	-	<1	-	<1	-
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	See TPH	-	-	-	-	-	-
>EC35-EC44 Aromatics	µg/L	-	-	-	-	<1	-	<1	-
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	-	-	<1	-	<1	-
Total Aromatics >EC5-EC35	µg/L	See TPH	See TPH	-	-	-	-	-	-
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	-	-	-	-	-	-	-
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	-	-	<10	-	<10	-
TPH									
EPH >C10-40	µg/L	-	-	-	66	42	-	<10	-
GRO >C5-12	µg/L	-	-	-	-	-	-	-	-
GRO C5-C10	µg/L	-	-	-	<1	<1	-	<1	-
BTEX and MTBE									
Benzene	µg/L	1 ^{#1}	8 ^{#19}	-	-	<1	-	<1	-
Toluene	µg/L	700 ^{#2}	74 ^{#19}	-	-	<1	-	<1	-
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	-	-	<1	-	<1	-
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	-	-	<2	-	<2	-
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	-	-	<1	-	<1	-
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	-	-	<3	-	<3	-
MTBE	µg/L	15 ^{#10}	15 ^{#10}	-	-	<1	-	<1	-
Total BTEX	µg/L	-	-	-	-	-	-	-	-
PAH									
Naphthalene	µg/L	-	2 ^{#19}	-	0.06	<0.05	-	<1	<0.05
Naphthalene (filtered)	µg/L	-	2 ^{#19}	-	-	-	-	-	-
Acenaphthene	µg/L	-	-	-	0.03	<0.01	-	<1	<0.01
Acenaphthene (filtered)	µg/L	-	-	-	-	-	-	-	-
Acenaphthylene	µg/L	-	-	-	0.02	<0.01	-	<1	<0.01
Acenaphthylene (filtered)	µg/L	-	-	-	-	-	-	-	-
Fluoranthene	µg/L	-	0.0063 ^{#19}	-	0.34	<0.01	-	<1	0.04
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#19}	-	-	-	-	-	-
Anthracene	µg/L	-	0.1 ^{#19}	-	0.06	<0.01	-	<1	0.02
Anthracene (filtered)	µg/L	-	0.1 ^{#19}	-	-	-	-	-	-
Phenanthrene	µg/L	-	-	-	0.14	<0.01	-	<1	0.03
Phenanthrene (filtered)	µg/L	-	-	-	-	-	-	-	-
Fluorene	µg/L	-	-	-	0.02	<0.01	-	<1	<0.01
Fluorene (filtered)	µg/L	-	-	-	-	-	-	-	-
Chrysene	µg/L	-	-	-	0.22	<0.01	-	<1	0.02

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH15	B-BH16	B-BH16	B-BH16	B-BH16	B-BH16	B-BH17	B-BH17
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-05111	23-20508	23-20508	23-20508	23-20508	23-20508	23-20739	23-20739
Date		23 Feb 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	24 Aug 2023	24 Aug 2023
Depth		0.5 - 0.5	0.7	0.7	1.9	1.9	4.5	0.5	0.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Chrysene (filtered)	µg/L	-	-	-	---	---	---	---	---
Pyrene	µg/L	-	-	0.23	---	<0.01	---	<1	0.03
Pyrene (filtered)	µg/L	-	-	---	---	---	---	---	---
Benzo(a)anthracene	µg/L	-	-	0.1	---	<0.01	---	<1	0.02
Benzo(a)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.18	---	<0.01	---	<1	0.02
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.07	---	<0.01	---	<1	0.01
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Benzo(b+k)fluoranthene	µg/L	-	-	0.25	---	<0.02	---	<2	0.03
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	0.11	---	<0.01	---	<1	0.02
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	---	---	---	---	---
Dibenz(a,h)anthracene	µg/L	-	-	0.02	---	<0.01	---	<1	<0.01
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.1	---	<0.01	---	<1	0.02
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.09	---	<0.01	---	<1	<0.01
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
PAH 16 Total	µg/L	-	-	1.8	---	<0.2	---	---	0.23
PAH 16 Total (filtered)	µg/L	-	-	---	---	---	---	---	---
Phenolics									
Total Phenols (monohydric)	µg/L	-	-	<100	---	<100	---	---	<100
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	<1	---	<1	---
Xylenols	µg/L	-	-	---	---	---	---	---	---
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	---	<0.1	---	<0.1	<0.1
Phenols Monohydric	µg/L	-	-	---	---	---	---	---	---
VOC									
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---	<2	---	<2	---
Styrene	µg/L	-	50 ^{#20}	---	---	<1	---	<1	---
cis-1,3-dichloropropene	µg/L	-	-	---	---	<1	---	<1	---
trans-1,3-dichloropropene	µg/L	-	-	---	---	<1	---	<1	---
1,1,1,2-tetrachloroethane	µg/L	-	-	---	---	<1	---	<1	---
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	---	---	<1	---	<1	---
1,1,2,2-tetrachloroethane	µg/L	-	-	---	---	<1	---	<1	---
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	---	---	<1	---	<1	---
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	---	---	<1	---	<1	---
1,1-dichloroethene	µg/L	140 ^{#14}	-	---	---	<1	---	<1	---
1,1-dichloropropene	µg/L	-	-	---	---	<1	---	<1	---
1,2,3-trichloropropane	µg/L	-	-	---	---	<1	---	<1	---
1,2,4-trimethylbenzene	µg/L	-	-	---	---	<1	---	<1	---
1,2-dibromo-3-chloropropane	µg/L	-	-	---	---	<1	---	<1	---
1,2-dibromoethane	µg/L	-	-	---	---	<1	---	<1	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	---	---	<1	---	<1	---
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---	<2	---	<2	---
1,2-dichloropropane	µg/L	-	-	---	---	<1	---	<1	---
1,3,5-trimethylbenzene	µg/L	-	-	---	---	<1	---	<1	---
1,3-dichloropropane	µg/L	-	-	---	---	<1	---	<1	---
2,2-dichloropropane	µg/L	-	-	---	---	<2	---	<2	---
Trihalomethanes	µg/L	100 ^{#1}	-	---	---	<7	---	<7	---
2-chlorotoluene	µg/L	-	-	---	---	<1	---	<1	---
4-chlorotoluene	µg/L	-	-	---	---	<1	---	<1	---
Bromobenzene	µg/L	-	-	---	---	<1	---	<1	---
Bromochloromethane	µg/L	-	-	---	---	<4	---	<4	---
Bromodichloromethane	µg/L	25 ^{#15}	-	---	---	<4	---	<4	---
Bromoform	µg/L	25 ^{#15}	-	---	---	<1	---	<1	---
Bromomethane	µg/L	-	-	---	---	<1	---	<1	---
Carbon disulfide	µg/L	-	-	---	---	---	---	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	---	---	<1	---	<1	---
Chlorodibromomethane	µg/L	25 ^{#15}	-	---	---	<1	---	<1	---
Chloroethane	µg/L	-	-	---	---	<1	---	<1	---
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	---	---	<1	---	<1	---
Chloromethane	µg/L	-	-	---	---	<1	---	<1	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	<1	---	<1	---
Dibromomethane	µg/L	-	-	---	---	<1	---	<1	---
Dichlorodifluoromethane	µg/L	-	-	---	---	<1	---	<1	---
Dichloromethane	µg/L	-	20 ^{#19}	---	---	<27	---	<27	---
Isopropylbenzene	µg/L	-	-	---	---	<1	---	<1	---
n-butylbenzene	µg/L	-	-	---	---	<1	---	<1	---
n-propylbenzene	µg/L	-	-	---	---	<1	---	<1	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH15	B-BH16	B-BH16	B-BH16	B-BH16	B-BH16	B-BH17	B-BH17
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-05111	23-20508	23-20508	23-20508	23-20508	23-20508	23-20739	23-20739
Date		23 Feb 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	24 Aug 2023	24 Aug 2023
Depth		0.5 - 0.5	0.7	0.7	1.9	1.9	4.5	0.5	0.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
p-isopropyltoluene	µg/L	-	-	-	<1	-	<1	-	-
sec-butylbenzene	µg/L	-	-	-	<1	-	<1	-	-
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	-	<1	-	<1	-	-
tert-butylbenzene	µg/L	-	-	-	<1	-	<1	-	-
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	-	<1	-	<1	-	-
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	-	<1	-	<1	-	-
Trichlorofluoromethane	µg/L	-	-	-	<1	-	<1	-	-
Vinyl chloride	µg/L	0.5 ^{#1}	-	-	<1	-	<1	-	-
tert-Amyl methyl ether	µg/L	-	-	-	<5	-	<5	<5	-
VOC/SVOC									
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	-	<1	-	<1	-	-
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	-	<1	-	<1	-	-
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	-	<1	-	<1	-	-
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	-	-	-	-	-	-
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	-	<2	-	<2	-	-
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	-	<1	-	<1	-	-
Chlorobenzene	µg/L	100 ^{#18}	-	-	<1	-	<1	-	-
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	-	<1	-	<1	-	-
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	-	<2	-	<2	-	-
SVOC									
1,4-dinitrobenzene	µg/L	-	-	-	<1	-	<1	-	-
Benzyl alcohol	µg/L	-	-	-	<1	-	<1	-	-
4-bromophenyl phenyl ether	µg/L	-	-	-	<1	-	<1	-	-
4-nitroaniline	µg/L	-	-	-	<1	-	<1	-	-
4-nitrophenol	µg/L	-	-	-	<1	-	<1	-	-
1,3-Dinitrobenzene	µg/L	-	-	-	<1	-	<1	-	-
1-Methylnaphthalene	µg/L	-	-	-	<1	-	<1	-	-
2,3,4,6-tetrachlorophenol	µg/L	-	-	-	<1	-	<1	-	-
2,3,5,6-Tetrachlorophenol	µg/L	-	-	-	<1	-	<1	-	-
2,4,5-trichlorophenol	µg/L	-	-	-	<1	-	<1	-	-
2,4,6-trichlorophenol	µg/L	-	-	-	<0.1	-	<0.1	<0.1	-
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	-	<0.1	-	<0.1	<0.1	-
2,4-dimethylphenol	µg/L	-	-	-	<0.1	-	<0.1	<0.1	-
2,4-dinitrotoluene	µg/L	-	-	-	<1	-	<1	-	-
2,6-dichlorophenol	µg/L	-	-	-	<0.1	-	<0.1	<0.1	-
2,6-Dimethylphenol	µg/L	-	-	-	<0.1	-	<0.1	<0.1	-
2,6-dinitrotoluene	µg/L	-	-	-	<1	-	<1	-	-
2-chloronaphthalene	µg/L	-	-	-	<1	-	<1	-	-
2-chlorophenol	µg/L	-	50 ^{#20}	-	<1	-	<1	-	-
2-methylnaphthalene	µg/L	-	-	-	<1	-	<1	-	-
2-methylphenol	µg/L	-	-	-	<1	-	<1	-	-
2-nitroaniline	µg/L	-	-	-	<1	-	<1	-	-
2-nitrophenol	µg/L	-	-	-	-	-	-	-	-
3-nitroaniline	µg/L	-	-	-	<1	-	<1	-	-
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	-	<0.1	-	<0.1	<0.1	-
4-chloroaniline	µg/L	-	-	-	-	-	-	-	-
4-chlorophenyl phenyl ether	µg/L	-	-	-	<1	-	<1	-	-
4-methylphenol	µg/L	-	-	-	<0.1	-	<0.1	<0.1	-
Aniline	µg/L	-	-	-	<1	-	<1	-	-
Azobenzene	µg/L	-	-	-	<1	-	<1	-	-
Bis(2-chloroethoxy) methane	µg/L	-	-	-	<1	-	<1	-	-
Bis(2-chloroethyl)ether	µg/L	-	-	-	-	-	-	-	-
Bis(2-chloroisopropyl) ether	µg/L	-	-	-	<1	-	<1	-	-
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	-	<1	-	<1	-	-
Bis(2-ethylhexyl)ester	µg/L	-	-	-	<1	-	<1	-	-
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	-	<1	-	<1	-	-
Carbazole	µg/L	-	-	-	<1	-	<1	-	-
Di(2-ethylhexyl)adipate	µg/L	-	-	-	-	-	-	-	-
Dibenzofuran	µg/L	-	-	-	<1	-	<1	-	-
Diethylphthalate	µg/L	-	200 ^{#20}	-	<1	-	<1	-	-
Dimethyl phthalate	µg/L	-	800 ^{#20}	-	<1	-	<1	-	-
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	-	<1	-	<1	-	-
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	-	<1	-	<1	-	-
Diphenylamine	µg/L	-	-	-	<1	-	<1	-	-
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	-	<1	-	<1	-	-
Hexachlorocyclopentadiene	µg/L	-	-	-	<1	-	<1	-	-
Hexachloroethane	µg/L	-	-	-	-	-	-	-	-
Isophorone	µg/L	-	-	-	-	-	-	-	-
Nitrobenzene	µg/L	-	-	-	-	-	-	-	-
N-nitrosodi-n-propylamine	µg/L	-	-	-	-	-	-	-	-



Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				B-BH15	B-BH16	B-BH16	B-BH16	B-BH16	B-BH16	B-BH17	B-BH17
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-05111	23-20508	23-20508	23-20508	23-20508	23-20508	23-20739	23-20739
Date				23 Feb 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	24 Aug 2023	24 Aug 2023
Depth				0.5 - 0.5	0.7	0.7	1.9	1.9	4.5	0.5	0.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Pentachlorophenol	µg/L	-	0.4 ^{#19}	---	---	---	<1	---	<1	<0.02	---
PCB											
PCB 12	µg/L	-	-	---	---	---	---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---	---	<0.3	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---	---	<0.3	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---	---	<0.2	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---	---	<0.3	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---	---	<0.2	---	---	---	---
PCB 101	µg/L	-	-	---	---	---	<0.3	---	---	---	---
PCB 118 + PCB 123	mg/L	-	-	---	---	---	<0.0006	---	---	---	---
PCB 138	µg/L	-	-	---	---	---	<0.2	---	---	---	---
PCB 153	µg/L	-	-	---	---	---	<0.2	---	---	---	---
PCB 180	µg/L	-	-	---	---	---	<0.2	---	---	---	---
PCB 28 + PCB 31	µg/L	-	-	---	---	---	<0.3	---	---	---	---
PCB 52	µg/L	-	-	---	---	---	<0.2	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---	---	<0.2	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---	---	<0.3	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---	---	<0.5	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---	---	<0.3	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---	---	<0.2	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-	---	---	---	<1	---	---	---	---
Total PCB WHO 12	µg/L	-	-	---	---	---	<1	---	---	---	---
PCBs (Sum of total)	µg/L	-	-	---	---	---	---	---	---	---	---
Solvents											
Acetone	µg/L	-	-	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	µg/L	-	-	---	---	---	---	---	<4	---	---
Pesticides											
Heptachlor epoxide	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	<1	---
Simetryn	mg/L	-	-	---	---	---	---	---	---	<0.001	---
Tokuthion	µg/L	-	-	---	---	---	---	---	---	<1	---
Secbumeton	µg/L	-	-	---	---	---	---	---	---	<1	---
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	---	---	<0.02	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	---	---	<0.02	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	---	---	<0.02	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---	---	<0.02	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---	---	<0.02	---
2,4-Dichlorprop	µg/L	-	-	---	---	---	---	---	---	<0.02	---
4,4-DDE	µg/L	-	0.00625 ^{#37}	---	---	---	---	---	---	<1	---
a-BHC	µg/L	-	-	---	---	---	---	---	---	<1	---
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	<1	---
Aldrin + Dieldrin	µg/L	-	-	---	---	---	---	---	---	<2	---
Aldrin+Dieldrin+Endrin+Isodrin	µg/L	-	-	---	---	---	---	---	---	<3	---
Ametryn	µg/L	-	-	---	---	---	---	---	---	<1	---
Actril (loxynil)	µg/L	-	10 ^{#20}	---	---	---	---	---	---	<0.02	---
Atraton	µg/L	-	-	---	---	---	---	---	---	<1	---
Atrazine	µg/L	-	0.6 ^{#19}	---	---	---	---	---	---	<1	---
Azinophos methyl	µg/L	-	0.01 ^{#30}	---	---	---	---	---	---	<1	---
b-BHC	µg/L	-	-	---	---	---	---	---	---	<1	---
Benazolin	µg/L	-	-	---	---	---	---	---	---	<0.02	---
Bentazone	µg/L	-	500 ^{#20}	---	---	---	---	---	---	<0.02	---
Bolstar (Sulprofos)	µg/L	-	-	---	---	---	---	---	---	<1	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	---	---	<0.02	---
gamma-Chlordane	µg/L	-	-	---	---	---	---	---	---	<1	---
Chlorpyrifos	µg/L	-	0.03 ^{#19}	---	---	---	---	---	---	<1	---
Clopyralid	µg/L	-	-	---	---	---	---	---	---	<0.02	---
Coumaphos	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	<1	---
d-BHC	µg/L	-	-	---	---	---	---	---	---	<1	---
DDT	µg/L	-	0.01 ^{#39}	---	---	---	---	---	---	<1	---
Demeton-O	µg/L	-	-	---	---	---	---	---	---	<1	---
Demeton-S	µg/L	-	-	---	---	---	---	---	---	<1	---
Diazinon	µg/L	-	0.01 ^{#19}	---	---	---	---	---	---	<1	---
Dicamba	µg/L	-	-	---	---	---	---	---	---	<0.02	---



Matrix Description Location Code Matrix Type Lab Report Number Date Depth				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	
				B-BH15	B-BH16	B-BH16	B-BH16	B-BH16	B-BH16	B-BH16	B-BH17	B-BH17
				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				23-05111	23-20508	23-20508	23-20508	23-20508	23-20508	23-20508	23-20739	23-20739
				23 Feb 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	22 Aug 2023	24 Aug 2023	24 Aug 2023
				0.5 - 0.5	0.7	0.7	1.9	1.9	4.5	0.5	0.5	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS									
Dichlorvos	µg/L	-	0.04 ^{#20}	---	---	---	---	---	---	<1	---	
Dieldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	<1	---	
Disulfoton	µg/L	-	-	---	---	---	---	---	---	<1	---	
Endosulfan I	µg/L	-	-	---	---	---	---	---	---	<1	---	
Endosulfan II	µg/L	-	-	---	---	---	---	---	---	<1	---	
Endosulfan sulphate	µg/L	-	-	---	---	---	---	---	---	<1	---	
Endrin	µg/L	-	0.00125 ^{#38}	---	---	---	---	---	---	<1	---	
Endrin aldehyde	µg/L	-	-	---	---	---	---	---	---	<1	---	
Endrin ketone	µg/L	-	-	---	---	---	---	---	---	<1	---	
Ethoprop	µg/L	-	-	---	---	---	---	---	---	<1	---	
Fensulfothion	µg/L	-	-	---	---	---	---	---	---	<1	---	
Fenthion	µg/L	-	-	---	---	---	---	---	---	<1	---	
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	<0.02	---	
g-BHC (Lindane)	µg/L	-	-	---	---	---	---	---	---	<1	---	
Heptachlor	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	<1	---	
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	<0.02	---	
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	<0.02	---	
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	<0.02	---	
Merphos	µg/L	-	-	---	---	---	---	---	---	<1	---	
Methoxychlor	µg/L	-	-	---	---	---	---	---	---	<1	---	
Methyl parathion	µg/L	-	-	---	---	---	---	---	---	<1	---	
Mevinphos (Phosdrin)	µg/L	-	-	---	---	---	---	---	---	<1	---	
Naled (Dibrom)	µg/L	-	-	---	---	---	---	---	---	<1	---	
Phorate	µg/L	-	-	---	---	---	---	---	---	<1	---	
Picloram	µg/L	-	-	---	---	---	---	---	---	<0.02	---	
Prometon	µg/L	-	-	---	---	---	---	---	---	<1	---	
Prometryn	µg/L	-	-	---	---	---	---	---	---	<1	---	
Propazine	µg/L	-	-	---	---	---	---	---	---	<1	---	
Ronnel	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	<1	---	
Simazine	µg/L	-	1 ^{#19}	---	---	---	---	---	---	<1	---	
Stirophos	µg/L	-	-	---	---	---	---	---	---	<1	---	
Terbutryn	µg/L	-	-	---	---	---	---	---	---	<1	---	
Terbutylazine	µg/L	-	-	---	---	---	---	---	---	<1	---	
Trichloronate	µg/L	-	-	---	---	---	---	---	---	<1	---	
Triclopyr	µg/L	-	-	---	---	---	---	---	---	<0.02	---	
Field												
pH (Field)	pH_Units	6.5-9.5 ^{#1}	-	---	7.7	---	9.2	---	---	7.3	---	



Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				B-BH18	B-BH18	B-BH21	B-BH21	B-BH21	B-BH21	B-BH21	B-BH22
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-17605-1-1	23-17605-1-1	23-18898	23-18898	23-18898	23-18898	23-18898	23-20505
Date				19 Jul 2023	19 Jul 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	22 Aug 2023
Depth				1	1	0.5	0.5	2.2	2.2	2.2	1
				1	1	0.5	0.5	2.2	2.2	2.2	1
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	760	---	410	---	380	---	82	---
Antimony (filtered)	µg/L	5 ^{#1}	-	<0.17	---	<0.17	---	<0.17	---	0.77	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	0.84	---	0.77	---	1.4	---	1.1	---
Barium (filtered)	µg/L	1,300 ^{#2}	-	60	---	56	---	100	---	2.4	---
Beryllium (filtered)	µg/L	-	-	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	73	---	82	---	17	---	20	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	<0.03	---	<0.03	---	<0.03	---	<0.03	---
Calcium (filtered)	mg/L	-	-	130	---	400	---	190	---	2.4	---
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	<7	---	<7	---	<7	---	<7	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	0.39	---	0.41	---	0.44	---
Chromium (Trivalent) (filtered)	µg/L	-	-	<1	---	<1	---	<1	---	<1	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	0.4	---	0.9	---	1.1	---	1.8	---
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	45	---	12	---	<5.5	---	390	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	0.6	---	<0.09	---	0.82	---	0.46	---
Magnesium (filtered)	mg/L	-	-	0.74	---	1.4	---	0.48	---	0.45	---
Manganese (filtered)	µg/L	50 ^{#1}	-	19	---	2.6	---	0.84	---	1.3	---
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	<0.01	---	0.01	---	0.03	---	<0.01	---
Molybdenum (filtered)	µg/L	70 ^{#3}	-	4.2	---	1.6	---	2	---	<1.1	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	<0.5	---	<0.5	---	<0.5	---	<0.5	---
Potassium (filtered)	mg/L	-	-	12	---	11	---	16	---	1.5	---
Selenium (filtered)	µg/L	10 ^{#1}	-	2.3	---	1.8	---	0.93	---	0.25	---
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	2.9	---	1.8	---	2.4	---	1.8	---
Tin (filtered)	µg/L	-	10 ^{#25}	<0.4	---	<0.4	---	<0.4	---	<0.4	---
Titanium (filtered)	µg/L	-	-	1.7	---	<0.3	---	<0.3	---	15	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	16	---	19	---	45	---	1	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	<1.3	---	<1.3	---	<1.3	---	<1.3	---
Inorganics											
Total Hardness	mg/l	-	-	333	---	998	---	480	---	7.85	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	0.06	---	0.03	---	0.03	---	0.05	---
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	0.049	0.045	0.025	0.024	0.025	0.027	0.041	0.039
Chloride	mg/L	250 ^{#1}	-	1.9	---	1.4	---	2.4	---	1.5	---
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	0.1	---	0.9	---	0.8	---	0.1	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	2.5	---	18	---	5.9	---	0.3	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	<40	---	<40	---	<40	---	<40	---
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	1.4	---	0.62	---	2.2	---	0.58	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---	---
Sulphate	mg/L	250 (SO4) ^{#7}	-	290	---	1,000	---	400	---	120	---
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	-	-	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	-	-	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	9.7	---	---	---	---	---	---	---
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---	---
Sulphate (Soluble) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	140	0.27	13	---	19	---	55	---
Sulphur as S (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Sulphur (free)	mg/L	-	-	0.27	---	<0.084	---	<0.084	---	<0.084	---
Sulphide	µg/L	-	10 (MAC) ^{#29}	37	---	42	---	27	---	30	---
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	39	---	<20	---	<20	---	<20	---
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---

Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				B-BH18	B-BH18	B-BH21	B-BH21	B-BH21	B-BH21	B-BH22	B-BH22
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-17605-1-1	23-17605-1-1	23-18898	23-18898	23-18898	23-18898	23-20505	23-20505
Date				19 Jul 2023	19 Jul 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	22 Aug 2023	22 Aug 2023
Depth				1	1	0.5	0.5	2.2	2.2	1	1
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Ortho phosphate as PO4	mg/l	-	-	<0.01	---	0.04	---	<0.01	---	<0.03	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Silica	µg/L	-	-	1,900	---	2,500	---	---	---	---	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	550	---	610	---	210	---	610	---
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---	---	---
Other											
Dissolved Organic Carbon (filtered)	µg/L	-	-	27,000	---	3,100	---	2,700	---	3,500	---
Electrical conductivity *(lab)	µS/cm	-	-	---	---	---	---	---	---	---	---
TPH CWG											
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<0.1	---	<0.1	---	<0.1	---	<0.1	---
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	<0.1	---	<0.1	---	<0.1	---	<0.1	---
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	<0.1	---	<0.1	---	<0.1	---	<0.1	---
>C10-C44 Aliphatics	µg/L	-	-	<1	---	<1	---	<1	---	7.6	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<1	---	<1	---	<1	---	<1	---
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	<1	---	<1	---	<1	---	1.6	---
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	<1	---	<1	---	<1	---	5.9	---
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C16-C35 Aliphatics	µg/L	-	-	<2	---	<2	---	<2	---	6.9	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	<1	---	<1	---	<1	---	<1	---
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	<1	---	<1	---	<1	---	<1	---
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aliphatics >C12-C35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	<0.1	---	<0.1	---	<0.1	---	<0.1	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<0.1	---	<0.1	---	<0.1	---	<0.1	---
>EC10-EC44 Aromatics	µg/L	-	-	<1	---	<1	---	<1	---	<1	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	<0.1	---	<0.1	---	<0.1	---	<0.1	---
>EC6-EC7 Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	<1	---	<1	---	<1	---	<1	---
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	<1	---	<1	---	<1	---	<1	---
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC16-EC35 Aromatics (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	<1	---	<1	---	<1	---	<1	---
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	<1	---	<1	---	<1	---	<1	---
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	µg/L	-	-	<1	---	<1	---	<1	---	<1	---
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	<1	---	<1	---	<1	---	7.6	---
Total Aromatics >EC5-EC35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	<10	---	<10	---	<10	---	7.5	---
TPH											
EPH >C10-40	µg/L	-	-	38	---	<10	---	<10	---	87	---
GRO >C5-12	µg/L	-	-	---	---	---	---	---	---	---	---
GRO C5-C10	µg/L	-	-	<1	---	<1	---	<1	---	<1	---
BTEx and MTBE											
Benzene	µg/L	1 ^{#1}	8 ^{#19}	<1	---	<1	---	<1	---	<1	---
Toluene	µg/L	700 ^{#2}	74 ^{#19}	<5	---	<1	---	<5	---	<1	---
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	<5	---	<1	---	<5	---	<1	---
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	<10	---	<2	---	<10	---	<2	---
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	<5	---	<1	---	<5	---	<1	---
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	<15	---	<3	---	<15	---	<3	---
MTBE	µg/L	15 ^{#10}	15 ^{#10}	<10	---	<1	---	<10	---	<1	---
Total BTEx	µg/L	-	-	---	---	---	---	---	---	---	---
PAH											
Naphthalene	µg/L	-	2 ^{#19}	0.07	---	<0.05	---	<0.05	---	0.05	---
Naphthalene (filtered)	µg/L	-	2 ^{#19}	---	---	---	---	---	---	---	---
Acenaphthene	µg/L	-	-	0.12	---	0.01	---	<0.01	---	<0.01	---
Acenaphthene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Acenaphthylene	µg/L	-	-	0.22	---	<0.01	---	<0.01	---	<0.01	---
Acenaphthylene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Fluoranthene	µg/L	-	0.0063 ^{#19}	4.1	---	0.05	---	0.02	---	0.06	---
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#19}	---	---	---	---	---	---	---	---
Anthracene	µg/L	-	0.1 ^{#19}	0.48	---	<0.01	---	<0.01	---	0.05	---
Anthracene (filtered)	µg/L	-	0.1 ^{#19}	---	---	---	---	---	---	---	---
Phenanthrene	µg/L	-	-	1.5	---	0.02	---	0.01	---	0.04	---
Phenanthrene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Fluorene	µg/L	-	-	0.23	---	<0.01	---	<0.01	---	<0.01	---
Fluorene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Chrysene	µg/L	-	-	1.9	---	0.03	---	0.01	---	0.02	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
				B-BH18	B-BH18	B-BH21	B-BH21	B-BH21	B-BH21	B-BH22	B-BH22
				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				23-17605-1-1	23-17605-1-1	23-18898	23-18898	23-18898	23-18898	23-20505	23-20505
				19 Jul 2023	19 Jul 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	22 Aug 2023	22 Aug 2023
Depth				1	1	0.5	0.5	2.2	2.2	1	1
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Chrysene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Pyrene	µg/L	-	-	4.4	---	0.04	---	0.02	---	0.05	---
Pyrene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Benzo(a)anthracene	µg/L	-	-	2.5	---	0.02	---	0.01	---	0.03	---
Benzo(a)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	4	---	0.04	---	0.02	---	0.03	---
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	1.7	---	0.02	---	<0.01	---	0.01	---
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---
Benzo(b+k)fluoranthene	µg/L	-	-	5.7	---	0.06	---	0.03	---	0.04	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	4.2	---	0.03	---	0.02	---	0.02	---
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	---	---	---	---	---	---	---
Dibenz(a,h)anthracene	µg/L	-	-	0.76	---	<0.01	---	<0.01	---	<0.01	---
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	2.8	---	0.02	---	0.02	---	0.01	---
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	3	---	0.02	---	0.02	---	0.02	---
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---
PAH 16 Total	µg/L	-	-	32	---	0.3	---	<0.2	---	0.38	---
PAH 16 Total (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	µg/L	-	-	<100	---	<100	---	<100	---	<100	---
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	<1	---	---	---	<1	---
Xylenols	µg/L	-	-	<0.1	---	---	---	---	---	---	---
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	0.12	---	<0.1	---	---	---	<0.1	---
Phenols Monohydric	µg/L	-	-	<100	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---	<2	---	---	---	<2	---
Styrene	µg/L	-	50 ^{#20}	---	---	<1	---	---	---	<1	---
cis-1,3-dichloropropene	µg/L	-	-	---	---	<1	---	---	---	<1	---
trans-1,3-dichloropropene	µg/L	-	-	---	---	<1	---	---	---	<1	---
1,1,1,2-tetrachloroethane	µg/L	-	-	---	---	<1	---	---	---	<1	---
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	---	---	<1	---	---	---	<1	---
1,1,2,2-tetrachloroethane	µg/L	-	-	---	---	<1	---	---	---	<1	---
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	---	---	<1	---	---	---	<1	---
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	---	---	<1	---	---	---	<1	---
1,1-dichloroethene	µg/L	140 ^{#14}	-	---	---	<1	---	---	---	<1	---
1,1-dichloropropene	µg/L	-	-	---	---	<1	---	---	---	<1	---
1,2,3-trichloropropane	µg/L	-	-	---	---	<1	---	---	---	<1	---
1,2,4-trimethylbenzene	µg/L	-	-	---	---	<1	---	---	---	<1	---
1,2-dibromo-3-chloropropane	µg/L	-	-	---	---	<1	---	---	---	<1	---
1,2-dibromoethane	µg/L	-	-	---	---	<1	---	---	---	<1	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	---	---	<1	---	---	---	<1	---
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---	<2	---	---	---	<2	---
1,2-dichloropropane	µg/L	-	-	---	---	<1	---	---	---	<1	---
1,3,5-trimethylbenzene	µg/L	-	-	---	---	<1	---	---	---	<1	---
1,3-dichloropropane	µg/L	-	-	---	---	<1	---	---	---	<1	---
2,2-dichloropropane	µg/L	-	-	---	---	<2	---	---	---	<2	---
Trihalomethanes	µg/L	100 ^{#1}	-	---	---	<7	---	---	---	<7	---
2-chlorotoluene	µg/L	-	-	---	---	<1	---	---	---	<1	---
4-chlorotoluene	µg/L	-	-	---	---	<1	---	---	---	<1	---
Bromobenzene	µg/L	-	-	---	---	<1	---	---	---	<1	---
Bromochloromethane	µg/L	-	-	---	---	<4	---	---	---	<4	---
Bromodichloromethane	µg/L	25 ^{#15}	-	---	---	<4	---	---	---	<4	---
Bromoform	µg/L	25 ^{#15}	-	---	---	<1	---	---	---	<1	---
Bromomethane	µg/L	-	-	---	---	<1	---	---	---	<1	---
Carbon disulfide	µg/L	-	-	---	---	---	---	---	---	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	---	---	<1	---	---	---	<1	---
Chlorodibromomethane	µg/L	25 ^{#15}	-	---	---	<1	---	---	---	<1	---
Chloroethane	µg/L	-	-	---	---	<1	---	---	---	<1	---
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	---	---	<1	---	---	---	<1	---
Chloromethane	µg/L	-	-	---	---	<1	---	---	---	<1	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	<1	---	---	---	<1	---
Dibromomethane	µg/L	-	-	---	---	<1	---	---	---	<1	---
Dichlorodifluoromethane	µg/L	-	-	---	---	<1	---	---	---	<1	---
Dichloromethane	µg/L	-	20 ^{#19}	---	---	<27	---	---	---	<27	---
Isopropylbenzene	µg/L	-	-	---	---	<1	---	---	---	<1	---
n-butylbenzene	µg/L	-	-	---	---	<1	---	---	---	<1	---
n-propylbenzene	µg/L	-	-	---	---	<1	---	---	---	<1	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH18	B-BH18	B-BH21	B-BH21	B-BH21	B-BH21	B-BH21	B-BH22
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-17605-1-1	23-17605-1-1	23-18898	23-18898	23-18898	23-18898	23-18898	23-20505
Date		19 Jul 2023	19 Jul 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	22 Aug 2023
Depth		1	1	0.5	0.5	2.2	2.2	1	1
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
p-isopropyltoluene	µg/L	-	-	---	---	<1	---	---	<1
sec-butylbenzene	µg/L	-	-	---	---	<1	---	---	<1
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	<1	---	---	<1
tert-butylbenzene	µg/L	-	-	---	---	<1	---	---	<1
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	<1	---	---	<1
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	<1	---	---	<1
Trichlorofluoromethane	µg/L	-	-	---	---	<1	---	---	<1
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	---	<1	---	---	<1
tert-Amyl methyl ether	µg/L	-	-	<5	---	<5	---	---	<5
VOC/SVOC									
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	<1	---	---	<1
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	<1	---	---	<1
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	<1	---	---	<1
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	<2	---	---	<2
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	<1	---	---	<1
Chlorobenzene	µg/L	100 ^{#18}	-	---	---	<1	---	---	<1
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	---	---	<1	---	---	<1
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	<2	---	---	<2
SVOC									
1,4-dinitrobenzene	µg/L	-	-	---	---	<1	---	---	<1
Benzyl alcohol	µg/L	-	-	---	---	<1	---	---	<1
4-bromophenyl phenyl ether	µg/L	-	-	---	---	<1	---	---	<1
4-nitroaniline	µg/L	-	-	---	---	<1	---	---	<1
4-nitrophenol	µg/L	-	-	---	---	<1	---	---	<1
1,3-Dinitrobenzene	µg/L	-	-	---	---	<1	---	---	<1
1-Methylnaphthalene	µg/L	-	-	---	---	<1	---	---	<1
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	---	<1	---	---	<1
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	---	<1	---	---	<1
2,4,5-trichlorophenol	µg/L	-	-	---	---	<1	---	---	<1
2,4,6-trichlorophenol	µg/L	-	-	<0.1	---	<0.1	---	---	<0.1
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	<0.1	---	<0.1	---	---	<0.1
2,4-dimethylphenol	µg/L	-	-	<0.1	---	<0.1	---	---	<0.1
2,4-dinitrotoluene	µg/L	-	-	---	---	<1	---	---	<1
2,6-dichlorophenol	µg/L	-	-	<0.1	---	<0.1	---	---	<0.1
2,6-Dimethylphenol	µg/L	-	-	<0.1	---	<0.1	---	---	<0.1
2,6-dinitrotoluene	µg/L	-	-	---	---	<1	---	---	<1
2-chloronaphthalene	µg/L	-	-	---	---	<1	---	---	<1
2-chlorophenol	µg/L	-	50 ^{#20}	---	---	<1	---	---	<1
2-methylnaphthalene	µg/L	-	-	---	---	<1	---	---	<1
2-methylphenol	µg/L	-	-	---	---	<1	---	---	<1
2-nitroaniline	µg/L	-	-	---	---	<1	---	---	<1
2-nitrophenol	µg/L	-	-	---	---	---	---	---	---
3-nitroaniline	µg/L	-	-	---	---	<1	---	---	<1
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	<0.1	---	<0.1	---	---	<0.1
4-chloroaniline	µg/L	-	-	---	---	---	---	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	---	<1	---	---	<1
4-methylphenol	µg/L	-	-	<0.1	---	<0.1	---	---	<0.1
Aniline	µg/L	-	-	---	---	<1	---	---	<1
Azobenzene	µg/L	-	-	---	---	<1	---	---	<1
Bis(2-chloroethoxy) methane	µg/L	-	-	---	---	<1	---	---	<1
Bis(2-chloroethyl)ether	µg/L	-	-	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	<1	---	---	<1
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	---	<1	---	---	<1
Bis(2-ethylhexyl)ester	µg/L	-	-	---	---	<1	---	---	<1
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	---	<1	---	---	<1
Carbazole	µg/L	-	-	---	---	<1	---	---	<1
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	---	---	---	---
Dibenzofuran	µg/L	-	-	---	---	<1	---	---	<1
Diethylphthalate	µg/L	-	200 ^{#20}	---	---	<1	---	---	<1
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	---	<1	---	---	<1
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	---	<1	---	---	<1
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	---	<1	---	---	<1
Diphenylamine	µg/L	-	-	---	---	<1	---	---	<1
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	---	---	<1	---	---	<1
Hexachlorocyclopentadiene	µg/L	-	-	---	---	<1	---	---	<1
Hexachloroethane	µg/L	-	-	---	---	---	---	---	---
Isophorone	µg/L	-	-	---	---	---	---	---	---
Nitrobenzene	µg/L	-	-	---	---	---	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH18	B-BH18	B-BH21	B-BH21	B-BH21	B-BH21	B-BH21	B-BH22
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-17605-1-1	23-17605-1-1	23-18898	23-18898	23-18898	23-18898	23-18898	23-20505
Date		19 Jul 2023	19 Jul 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	22 Aug 2023
Depth		1	1	0.5	0.5	2.2	2.2	1	1
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Pentachlorophenol	µg/L	-	0.4 ^{#19}	---	---	<1	---	---	<1
PCB									
PCB 12	µg/L	-	-	---	---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---	---	---	---	---
PCB 101	µg/L	-	-	---	---	---	---	---	---
PCB 118 + PCB 123	mg/L	-	-	---	---	---	---	---	---
PCB 138	µg/L	-	-	---	---	---	---	---	---
PCB 153	µg/L	-	-	---	---	---	---	---	---
PCB 180	µg/L	-	-	---	---	---	---	---	---
PCB 28 + PCB 31	µg/L	-	-	---	---	---	---	---	---
PCB 52	µg/L	-	-	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-	---	---	---	---	---	---
Total PCB WHO 12	µg/L	-	-	---	---	---	---	---	---
PCBs (Sum of total)	µg/L	-	-	---	---	---	---	---	---
Solvents									
Acetone	µg/L	-	-	---	---	---	---	---	---
PAH/Phenols									
PAHs (Sum of 4)	µg/L	-	-	---	---	---	---	---	---
Pesticides									
Heptachlor epoxide	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---
Simetryn	mg/L	-	-	---	---	---	---	---	---
Tokuthion	µg/L	-	-	---	---	---	---	---	---
Secbumeton	µg/L	-	-	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---	---
2,4-Dichlorprop	µg/L	-	-	---	---	---	---	---	---
4,4-DDE	µg/L	-	0.00625 ^{#37}	---	---	---	---	---	---
a-BHC	µg/L	-	-	---	---	---	---	---	---
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---
Aldrin + Dieldrin	µg/L	-	-	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	µg/L	-	-	---	---	---	---	---	---
Ametryn	µg/L	-	-	---	---	---	---	---	---
Actril (loxynil)	µg/L	-	10 ^{#20}	---	---	---	---	---	---
Atraton	µg/L	-	-	---	---	---	---	---	---
Atrazine	µg/L	-	0.6 ^{#19}	---	---	---	---	---	---
Azinophos methyl	µg/L	-	0.01 ^{#30}	---	---	---	---	---	---
b-BHC	µg/L	-	-	---	---	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	---	---	---
Bentazone	µg/L	-	500 ^{#20}	---	---	---	---	---	---
Bolstar (Sulprofos)	µg/L	-	-	---	---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	---	---
gamma-Chlordane	µg/L	-	-	---	---	---	---	---	---
Chlorpyrifos	µg/L	-	0.03 ^{#19}	---	---	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---	---	---
Coumaphos	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---
d-BHC	µg/L	-	-	---	---	---	---	---	---
DDT	µg/L	-	0.01 ^{#39}	---	---	---	---	---	---
Demeton-O	µg/L	-	-	---	---	---	---	---	---
Demeton-S	µg/L	-	-	---	---	---	---	---	---
Diazinon	µg/L	-	0.01 ^{#19}	---	---	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	---	---	---



Matrix Description		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG	
Location Code		B-BH18		B-BH18		B-BH21		B-BH21		B-BH21		B-BH22	
Matrix Type		Soil		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		23-17605-1-1		23-17605-1-1		23-18898		23-18898		23-18898		23-18898	
Date		19 Jul 2023		19 Jul 2023		03 Aug 2023		03 Aug 2023		03 Aug 2023		03 Aug 2023	
Depth		1		1		0.5		0.5		2.2		2.2	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS										
Dichlorvos	µg/L	-	0.04 ^{#20}	---	---	---	---	---	---	---	---	---	---
Dieldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---	---	---	---
Disulfoton	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan I	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan II	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endrin	µg/L	-	0.00125 ^{#38}	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endrin ketone	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Ethoprop	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fensulfothion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fenthion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Heptachlor	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---	---	---	---
Merphos	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Methoxychlor	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Methyl parathion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Phorate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Picloram	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Prometon	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Prometryn	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Propazine	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Ronnel	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---	---	---	---
Simazine	µg/L	-	1 ^{#19}	---	---	---	---	---	---	---	---	---	---
Stirophos	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Terbutryn	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Terbutylazine	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Trichloronate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Field													
pH (Field)	pH_Units	6.5-9.5 ^{#1}	-	9.7	---	7.6	---	10.2	---	8.5	---		



Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				B-BH23	B-BH23	B-BH25	B-BH29	B-BH30	B-BH30	B-BH31	B-BH31
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-22399	23-22399	23-20821	23-21837	23-16282	23-16282	23-19613	23-19613
Date				12 Sep 2023	12 Sep 2023	29 Aug 2023	05 Sep 2023	04 Jul 2023	04 Jul 2023	08 Aug 2023	08 Aug 2023
Depth				1	1	0.5	0.5	3.45	3.45	0.5	0.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	2,100	---	370	47	430	---	520	---
Antimony (filtered)	µg/L	5 ^{#1}	-	19	---	<0.17	0.69	0.76	---	0.3	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	1.2	---	1.9	4.3	1.7	---	3.6	---
Barium (filtered)	µg/L	1,300 ^{#2}	-	73	---	120	90	17	---	55	---
Beryllium (filtered)	µg/L	-	-	<0.1	---	<0.1	<0.1	<0.1	---	<0.1	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	33	---	63	110	39	---	44	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	<0.03	---	<0.03	0.19	<0.03	---	0.26	---
Calcium (filtered)	mg/L	-	-	55	-	230	440	29	---	220	---
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	<7	---	<7	<7	<7	---	<7	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	2	---	0.4	1.2	---	---	0.57	---
Chromium (Trivalent) (filtered)	µg/L	-	-	2	---	<1	1.2	<1	---	<1	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	3.8	---	2	2.1	1.5	---	1.7	---
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	29	---	<5.5	74	10	---	<5.5	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	1.9	---	1.3	4.9	0.2	---	1.3	---
Magnesium (filtered)	mg/L	-	-	0.11	---	0.69	5.8	0.36	---	0.77	---
Manganese (filtered)	µg/L	50 ^{#1}	-	0.52	---	2.8	180	1.1	---	2.4	---
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	0.18	---	0.06	0.02	0.06	---	0.02	---
Molybdenum (filtered)	µg/L	70 ^{#3}	-	5.7	---	1.2	8.9	12	---	4	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	<0.5	---	<0.5	4.1	0.6	---	<0.5	---
Potassium (filtered)	mg/L	-	-	3.6	---	20	30	22	---	8	---
Selenium (filtered)	µg/L	10 ^{#1}	-	1.1	---	1.2	3.4	1.5	---	2.1	---
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	4.7	---	2.3	7.7	8.8	---	5	---
Tin (filtered)	µg/L	-	10 ^{#25}	<0.4	---	<0.4	<0.4	<0.4	---	<0.4	---
Titanium (filtered)	µg/L	-	-	1.6	---	<0.3	<0.3	0.7	---	<0.3	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	130	---	50	1.3	17	---	27	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	<1.3	---	2.1	38	<1.3	---	<1.3	---
Inorganics											
Total Hardness	mg/l	-	-	137	---	580	1,110	73.4	---	554	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	0.12	---	<0.02	<0.02	<0.02	---	0.04	---
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	0.099	0.095	<0.015	<0.015	<0.015	---	0.033	0.033
Chloride	mg/L	250 ^{#1}	-	17	---	1.4	1	9.7	---	3.4	---
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	0.3	---	0.2	<0.1	<0.1	---	<0.1	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	0.6	---	5.2	0.4	0.1	---	0.4	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	<40	---	<40	<40	<40	---	<40	---
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	2.3	---	0.11	0.59	0.29	---	1.6	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	0.64	---	<0.1	<0.1	0.23	---	0.12	---
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---	---
Sulphate	mg/L	250 (SO4) ^{#7}	-	33	---	360	28	55	---	490	---
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	-	-	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	-	-	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	9.5	---	---	---
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---	---
Sulphate (Soluble) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	16	---	300	370	57	<0.084	230	---
Sulphur as S (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Sulphur (free)	mg/L	-	-	<0.084	---	0.15	<0.084	<0.084	---	<0.084	---
Sulphide	µg/L	-	10 (MAC) ^{#29}	15	---	19	21	<10	---	14	---
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	<20	---	97	<20	21	---	30	---
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---

Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				B-BH23	B-BH23	B-BH25	B-BH29	B-BH30	B-BH30	B-BH31	B-BH31
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-22399	23-22399	23-20821	23-21837	23-16282	23-16282	23-19613	23-19613
Date				12 Sep 2023	12 Sep 2023	29 Aug 2023	05 Sep 2023	04 Jul 2023	04 Jul 2023	08 Aug 2023	08 Aug 2023
Depth				1	1	0.5	0.5	3.45	3.45	0.5	0.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Ortho phosphate as PO4	mg/l	-	-	<0.03	---	0.04	<0.03	<0.01	---	<0.03	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Silica	µg/L	-	-	---	---	4,100	4,100	---	---	990	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	150	---	310	280	310	---	440	---
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---	---	---
Other											
Dissolved Organic Carbon (filtered)	µg/L	-	-	4,500	---	3,200	<2,000	3,300	---	3,000	---
Electrical conductivity *(lab)	µS/cm	-	-	---	---	---	---	---	---	---	---
TPH CWG											
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<0.1	---	---	<0.1	<0.1	---	<0.1	---
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	<0.1	---	---	0.3	<0.1	---	<0.1	---
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	<0.1	---	---	<0.1	<0.1	---	<0.1	---
>C10-C44 Aliphatics	µg/L	-	-	<1	---	---	<1	<1	---	<1	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<1	---	---	<1	<1	---	<1	---
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	<1	---	---	<1	<1	---	<1	---
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	<1	---	---	<1	<1	---	<1	---
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C16-C35 Aliphatics	µg/L	-	-	<2	---	---	<2	<2	---	<2	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	<1	---	---	<1	<1	---	<1	---
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	<1	---	---	<1	<1	---	<1	---
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aliphatics >C12-C35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	<0.1	---	---	<0.1	<0.1	---	<0.1	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<0.1	---	---	1,000	<0.1	---	<0.1	---
>EC10-EC44 Aromatics	µg/L	-	-	<1	---	---	<1	<1	---	<1	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	<0.1	---	---	690	<0.1	---	<0.1	---
>EC6-EC7 Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	<1	---	---	<1	<1	---	<1	---
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	<1	---	---	<1	<1	---	<1	---
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC16-EC35 Aromatics (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	<1	---	---	<1	<1	---	<1	---
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	<1	---	---	<1	<1	---	<1	---
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	µg/L	-	-	<1	---	---	<1	<1	---	<1	---
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	<1	---	---	<1	<1	---	<1	---
Total Aromatics >EC5-EC35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	<10	---	---	1,690.3	<10	---	<10	---
TPH											
EPH >C10-40	µg/L	-	-	47	---	92	52	56	---	33	---
GRO >C5-12	µg/L	-	-	---	---	---	---	---	---	---	---
GRO C5-C10	µg/L	-	-	<1	---	<1	1,700	<1	---	<1	---
BTEX and MTBE											
Benzene	µg/L	1 ^{#1}	8 ^{#19}	<1	---	---	<1	<1	---	<1	---
Toluene	µg/L	700 ^{#2}	74 ^{#19}	<5	---	---	<5	<1	---	<1	---
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	<5	---	---	<5	<1	---	<1	---
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	<10	---	---	<10	<2	---	<2	---
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	<5	---	---	<5	<1	---	<1	---
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	<15	---	---	<15	<3	---	<3	---
MTBE	µg/L	15 ^{#10}	15 ^{#10}	<10	---	---	<10	<1	---	<1	---
Total BTEX	µg/L	-	-	---	---	---	---	---	---	---	---
PAH											
Naphthalene	µg/L	-	2 ^{#19}	0.67	---	<0.05	0.07	<0.05	---	<0.05	---
Naphthalene (filtered)	µg/L	-	2 ^{#19}	---	---	---	---	---	---	---	---
Acenaphthene	µg/L	-	-	0.13	---	<0.01	<0.01	0.01	---	0.01	---
Acenaphthene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Acenaphthylene	µg/L	-	-	0.03	---	<0.01	<0.01	<0.01	---	<0.01	---
Acenaphthylene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Fluoranthene	µg/L	-	0.0063 ^{#19}	0.05	---	0.03	0.02	0.01	---	0.07	---
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#19}	---	---	---	---	---	---	---	---
Anthracene	µg/L	-	0.1 ^{#19}	0.04	---	<0.01	<0.01	<0.01	---	<0.01	---
Anthracene (filtered)	µg/L	-	0.1 ^{#19}	---	---	---	---	---	---	---	---
Phenanthrene	µg/L	-	-	0.11	---	0.03	0.01	<0.01	---	0.01	---
Phenanthrene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Fluorene	µg/L	-	-	0.06	---	<0.01	<0.01	<0.01	---	<0.01	---
Fluorene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Chrysene	µg/L	-	-	0.02	---	0.01	<0.01	<0.01	---	0.05	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH23	B-BH23	B-BH25	B-BH29	B-BH30	B-BH30	B-BH31	B-BH31
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-22399	23-22399	23-20821	23-21837	23-16282	23-16282	23-19613	23-19613
Date		12 Sep 2023	12 Sep 2023	29 Aug 2023	05 Sep 2023	04 Jul 2023	04 Jul 2023	08 Aug 2023	08 Aug 2023
Depth		1	1	0.5	0.5	3.45	3.45	0.5	0.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Chrysene (filtered)	µg/L	-	-	---	---	---	---	---	---
Pyrene	µg/L	-	-	0.04	---	0.03	0.02	0.01	---
Pyrene (filtered)	µg/L	-	-	---	---	---	---	---	---
Benzo(a)anthracene	µg/L	-	-	<0.01	---	<0.01	0.01	<0.01	---
Benzo(a)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.01	---	0.01	0.02	<0.01	---
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	---	<0.01	<0.01	<0.01	---
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Benzo(b+k)fluoranthene	µg/L	-	-	0.02	---	0.02	0.03	<0.02	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	<0.01	---	<0.01	0.01	<0.01	---
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	---	---	---	---	---
Dibenz(a,h)anthracene	µg/L	-	-	<0.01	---	<0.01	<0.01	<0.01	---
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.01	---	<0.01	<0.01	<0.01	---
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.01	---	<0.01	<0.01	<0.01	---
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
PAH 16 Total	µg/L	-	-	1.2	---	<0.2	<0.2	<0.2	---
PAH 16 Total (filtered)	µg/L	-	-	---	---	---	---	---	---
Phenolics									
Total Phenols (monohydric)	µg/L	-	-	<100	---	<100	<100	<100	---
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	<1	---	---
Xylenols	µg/L	-	-	---	---	---	<0.1	---	---
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	<0.1	---	0.19	<0.1	<0.1	---
Phenols Monohydric	µg/L	-	-	---	---	---	<100	---	---
VOC									
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---	---	<2	---	---
Styrene	µg/L	-	50 ^{#20}	---	---	---	<1	---	---
cis-1,3-dichloropropene	µg/L	-	-	---	---	---	<1	---	---
trans-1,3-dichloropropene	µg/L	-	-	---	---	---	<1	---	---
1,1,1,2-tetrachloroethane	µg/L	-	-	---	---	---	<1	---	---
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	---	---	---	<1	---	---
1,1,2,2-tetrachloroethane	µg/L	-	-	---	---	---	<1	---	---
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	---	---	---	<1	---	---
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	---	---	---	<1	---	---
1,1-dichloroethene	µg/L	140 ^{#14}	-	---	---	---	<1	---	---
1,1-dichloropropene	µg/L	-	-	---	---	---	<1	---	---
1,2,3-trichloropropane	µg/L	-	-	---	---	---	<1	---	---
1,2,4-trimethylbenzene	µg/L	-	-	---	---	---	<1	---	---
1,2-dibromo-3-chloropropane	µg/L	-	-	---	---	---	<1	---	---
1,2-dibromoethane	µg/L	-	-	---	---	---	<1	---	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	---	---	---	<1	---	---
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---	---	<2	---	---
1,2-dichloropropane	µg/L	-	-	---	---	---	<1	---	---
1,3,5-trimethylbenzene	µg/L	-	-	---	---	---	<1	---	---
1,3-dichloropropane	µg/L	-	-	---	---	---	<1	---	---
2,2-dichloropropane	µg/L	-	-	---	---	---	<2	---	---
Trihalomethanes	µg/L	100 ^{#1}	-	---	---	---	<7	---	---
2-chlorotoluene	µg/L	-	-	---	---	---	<1	---	---
4-chlorotoluene	µg/L	-	-	---	---	---	<1	---	---
Bromobenzene	µg/L	-	-	---	---	---	<1	---	---
Bromochloromethane	µg/L	-	-	---	---	---	<4	---	---
Bromodichloromethane	µg/L	25 ^{#15}	-	---	---	---	<4	---	---
Bromoform	µg/L	25 ^{#15}	-	---	---	---	<1	---	---
Bromomethane	µg/L	-	-	---	---	---	<1	---	---
Carbon disulfide	µg/L	-	-	---	---	---	---	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	---	---	---	<1	---	---
Chlorodibromomethane	µg/L	25 ^{#15}	-	---	---	---	<1	---	---
Chloroethane	µg/L	-	-	---	---	---	<1	---	---
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	---	---	---	<1	---	---
Chloromethane	µg/L	-	-	---	---	---	<1	---	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	---	<1	---	---
Dibromomethane	µg/L	-	-	---	---	---	<1	---	---
Dichlorodifluoromethane	µg/L	-	-	---	---	---	<1	---	---
Dichloromethane	µg/L	-	20 ^{#19}	---	---	---	<27	---	---
Isopropylbenzene	µg/L	-	-	---	---	---	<1	---	---
n-butylbenzene	µg/L	-	-	---	---	---	<1	---	---
n-propylbenzene	µg/L	-	-	---	---	---	<1	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH23	B-BH23	B-BH25	B-BH29	B-BH30	B-BH30	B-BH31	B-BH31	B-BH31
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-22399	23-22399	23-20821	23-21837	23-16282	23-16282	23-19613	23-19613	23-19613
Date		12 Sep 2023	12 Sep 2023	29 Aug 2023	05 Sep 2023	04 Jul 2023	04 Jul 2023	08 Aug 2023	08 Aug 2023	08 Aug 2023
Depth		1	1	0.5	0.5	3.45	3.45	0.5	0.5	0.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
p-isopropyltoluene	µg/L	-	-	---	---	<1	---	<1	---	---
sec-butylbenzene	µg/L	-	-	---	---	<1	---	<1	---	---
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	<1	---	<1	---	---
tert-butylbenzene	µg/L	-	-	---	---	<1	---	<1	---	---
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	<1	---	<1	---	---
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	<1	---	<1	---	---
Trichlorofluoromethane	µg/L	-	-	---	---	<1	---	<1	---	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	---	<1	---	<1	---	---
tert-Amyl methyl ether	µg/L	-	-	<5	---	<5	---	<5	---	---
VOC/SVOC										
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	<1	---	<1	---	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	<1	---	<1	---	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	<1	---	<1	---	---
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	<2	---	<2	---	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	<1	---	<1	---	---
Chlorobenzene	µg/L	100 ^{#18}	-	---	---	<1	---	<1	---	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	---	---	<1	---	<1	---	---
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	<2	---	<2	---	---
SVOC										
1,4-dinitrobenzene	µg/L	-	-	---	---	<1	---	<1	---	---
Benzyl alcohol	µg/L	-	-	---	---	<1	---	<1	---	---
4-bromophenyl phenyl ether	µg/L	-	-	---	---	<1	---	<1	---	---
4-nitroaniline	µg/L	-	-	---	---	<1	---	<1	---	---
4-nitrophenol	µg/L	-	-	---	---	<1	---	<1	---	---
1,3-Dinitrobenzene	µg/L	-	-	---	---	<1	---	<1	---	---
1-Methylnaphthalene	µg/L	-	-	---	---	<1	---	<1	---	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	---	<1	---	<1	---	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	---	<1	---	<1	---	---
2,4,5-trichlorophenol	µg/L	-	-	---	---	<1	---	<1	---	---
2,4,6-trichlorophenol	µg/L	-	-	<0.1	<0.1	<0.1	---	<0.1	---	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	<0.1	<0.1	<0.1	---	<0.1	---	---
2,4-dimethylphenol	µg/L	-	-	<0.1	<0.1	<0.1	---	<0.1	---	---
2,4-dinitrotoluene	µg/L	-	-	---	---	<1	---	<1	---	---
2,6-dichlorophenol	µg/L	-	-	<0.1	<0.1	<0.1	---	<0.1	---	---
2,6-Dimethylphenol	µg/L	-	-	<0.1	<0.1	<0.1	---	<0.1	---	---
2,6-dinitrotoluene	µg/L	-	-	---	---	<1	---	<1	---	---
2-chloronaphthalene	µg/L	-	-	---	---	<1	---	<1	---	---
2-chlorophenol	µg/L	-	50 ^{#20}	---	---	<1	---	<1	---	---
2-methylnaphthalene	µg/L	-	-	---	---	<1	---	<1	---	---
2-methylphenol	µg/L	-	-	---	---	<1	---	<1	---	---
2-nitroaniline	µg/L	-	-	---	---	<1	---	<1	---	---
2-nitrophenol	µg/L	-	-	---	---	---	---	---	---	---
3-nitroaniline	µg/L	-	-	---	---	<1	---	<1	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	<0.1	<0.1	<0.1	---	<0.1	---	---
4-chloroaniline	µg/L	-	-	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	---	<1	---	<1	---	---
4-methylphenol	µg/L	-	-	<0.1	<0.1	<0.1	---	<0.1	---	---
Aniline	µg/L	-	-	---	---	<1	---	<1	---	---
Azobenzene	µg/L	-	-	---	---	<1	---	<1	---	---
Bis(2-chloroethoxy) methane	µg/L	-	-	---	---	<1	---	<1	---	---
Bis(2-chloroethyl)ether	µg/L	-	-	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	<1	---	<1	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	---	<1	---	<1	---	---
Bis(2-ethylhexyl)ester	µg/L	-	-	---	---	<1	---	<1	---	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	---	<1	---	<1	---	---
Carbazole	µg/L	-	-	---	---	<1	---	<1	---	---
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	<1	---	---	---	---
Dibenzofuran	µg/L	-	-	---	---	<1	---	<1	---	---
Diethylphthalate	µg/L	-	200 ^{#20}	---	---	<1	---	<1	---	---
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	---	<1	---	<1	---	---
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	---	<1	---	<1	---	---
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	---	<1	---	<1	---	---
Diphenylamine	µg/L	-	-	---	---	<1	---	<1	---	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	---	---	<1	---	<1	---	---
Hexachlorocyclopentadiene	µg/L	-	-	---	---	<1	---	<1	---	---
Hexachloroethane	µg/L	-	-	---	---	---	---	---	---	---
Isophorone	µg/L	-	-	---	---	---	---	---	---	---
Nitrobenzene	µg/L	-	-	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-BH23	B-BH23	B-BH25	B-BH29	B-BH30	B-BH30	B-BH31	B-BH31
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-22399	23-22399	23-20821	23-21837	23-16282	23-16282	23-19613	23-19613
Date		12 Sep 2023	12 Sep 2023	29 Aug 2023	05 Sep 2023	04 Jul 2023	04 Jul 2023	08 Aug 2023	08 Aug 2023
Depth		1	1	0.5	0.5	3.45	3.45	0.5	0.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Pentachlorophenol	µg/L	-	0.4 ^{#19}		---	---	<1	---	<0.02
PCB									
PCB 12	µg/L	-	-		---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-		---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-		---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-		---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-		---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-		---	---	---	---	---
PCB 101	µg/L	-	-		---	---	---	---	---
PCB 118 + PCB 123	mg/L	-	-		---	---	---	---	---
PCB 138	µg/L	-	-		---	---	---	---	---
PCB 153	µg/L	-	-		---	---	---	---	---
PCB 180	µg/L	-	-		---	---	---	---	---
PCB 28 + PCB 31	µg/L	-	-		---	---	---	---	---
PCB 52	µg/L	-	-		---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-		---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-		---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-		---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-		---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-		---	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-		---	---	---	---	---
Total PCB WHO 12	µg/L	-	-		---	---	---	---	---
PCBs (Sum of total)	µg/L	-	-		---	---	---	---	---
Solvents									
Acetone	µg/L	-	-		---	---	---	---	---
PAH/Phenols									
PAHs (Sum of 4)	µg/L	-	-		---	---	---	---	---
Pesticides									
Heptachlor epoxide	µg/L	0.03 ^{#1}	-		---	---	---	<1	---
Simetryn	mg/L	-	-		---	---	---	<0.001	---
Tokuthion	µg/L	-	-		---	---	---	<1	---
Secbumeton	µg/L	-	-		---	---	---	<1	---
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-		---	---	---	<0.02	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-		---	---	---	<0.02	---
2,4,5-TP (Silvex)	µg/L	-	-		---	---	---	<0.02	---
Hedonal	µg/L	-	0.3 ^{#19}		---	---	---	<0.02	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-		---	---	---	<0.02	---
2,4-Dichlorprop	µg/L	-	-		---	---	---	<0.02	---
4,4-DDE	µg/L	-	0.00625 ^{#37}		---	---	---	<1	---
a-BHC	µg/L	-	-		---	---	---	<1	---
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}		---	---	---	<1	---
Aldrin + Dieldrin	µg/L	-	-		---	---	---	<2	---
Aldrin+Dieldrin+Endrin+Isodrin	µg/L	-	-		---	---	---	<3	---
Ametryn	µg/L	-	-		---	---	---	<1	---
Actril (loxynil)	µg/L	-	10 ^{#20}		---	---	---	<0.02	---
Atraton	µg/L	-	-		---	---	---	<1	---
Atrazine	µg/L	-	0.6 ^{#19}		---	---	---	<1	---
Azinophos methyl	µg/L	-	0.01 ^{#30}		---	---	---	<1	---
b-BHC	µg/L	-	-		---	---	---	<1	---
Benazolin	µg/L	-	-		---	---	---	<0.02	---
Bentazone	µg/L	-	500 ^{#20}		---	---	---	<0.02	---
Bolstar (Sulprofos)	µg/L	-	-		---	---	---	<1	---
Bromoxynil	µg/L	-	100 ^{#20}		---	---	---	<0.02	---
gamma-Chlordane	µg/L	-	-		---	---	---	<1	---
Chlorpyrifos	µg/L	-	0.03 ^{#19}		---	---	---	<1	---
Clopyralid	µg/L	-	-		---	---	---	<0.02	---
Coumaphos	µg/L	-	0.03 ^{#20}		---	---	---	<1	---
d-BHC	µg/L	-	-		---	---	---	<1	---
DDT	µg/L	-	0.01 ^{#39}		---	---	---	<1	---
Demeton-O	µg/L	-	-		---	---	---	<1	---
Demeton-S	µg/L	-	-		---	---	---	<1	---
Diazinon	µg/L	-	0.01 ^{#19}		---	---	---	<1	---
Dicamba	µg/L	-	-		---	---	---	<0.02	---



Matrix Description		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG	
Location Code		B-BH23		B-BH23		B-BH25		B-BH29		B-BH30		B-BH30	
Matrix Type		Soil		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		23-22399		23-22399		23-20821		23-21837		23-16282		23-16282	
Date		12 Sep 2023		12 Sep 2023		29 Aug 2023		05 Sep 2023		04 Jul 2023		04 Jul 2023	
Depth		1		1		0.5		0.5		3.45		3.45	
		Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS									
Dichlorvos	µg/L	-	-	0.04 ^{#20}	---	---	---	---	---	---	---	<1	---
Dieldrin	µg/L	0.03 ^{#1}	-	0.00125 ^{#38}	---	---	---	---	---	---	---	<1	---
Disulfoton	µg/L	-	-	-	---	---	---	---	---	---	---	<1	---
Endosulfan I	µg/L	-	-	-	---	---	---	---	---	---	---	<1	---
Endosulfan II	µg/L	-	-	-	---	---	---	---	---	---	---	<1	---
Endosulfan sulphate	µg/L	-	-	-	---	---	---	---	---	---	---	<1	---
Endrin	µg/L	-	-	0.00125 ^{#38}	---	---	---	---	---	---	---	<1	---
Endrin aldehyde	µg/L	-	-	-	---	---	---	---	---	---	---	<1	---
Endrin ketone	µg/L	-	-	-	---	---	---	---	---	---	---	<1	---
Ethoprop	µg/L	-	-	-	---	---	---	---	---	---	---	<1	---
Fensulfothion	µg/L	-	-	-	---	---	---	---	---	---	---	<1	---
Fenthion	µg/L	-	-	-	---	---	---	---	---	---	---	<1	---
Fluroxypyr	µg/L	-	-	-	---	---	---	---	---	---	---	<0.02	---
g-BHC (Lindane)	µg/L	-	-	-	---	---	---	---	---	---	---	<1	---
Heptachlor	µg/L	0.03 ^{#1}	-	-	---	---	---	---	---	---	---	<1	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	-	---	---	---	---	---	---	---	<0.02	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	-	---	---	---	---	---	---	---	<0.02	---
Mecoprop	µg/L	-	-	18 ^{#19}	---	---	---	---	---	---	---	<0.02	---
Merphos	µg/L	-	-	-	---	---	---	---	---	---	---	<1	---
Methoxychlor	µg/L	-	-	-	---	---	---	---	---	---	---	<1	---
Methyl parathion	µg/L	-	-	-	---	---	---	---	---	---	---	<1	---
Mevinphos (Phosdrin)	µg/L	-	-	-	---	---	---	---	---	---	---	<1	---
Naled (Dibrom)	µg/L	-	-	-	---	---	---	---	---	---	---	<1	---
Phorate	µg/L	-	-	-	---	---	---	---	---	---	---	<1	---
Picloram	µg/L	-	-	-	---	---	---	---	---	---	---	<0.02	---
Prometon	µg/L	-	-	-	---	---	---	---	---	---	---	<1	---
Prometryn	µg/L	-	-	-	---	---	---	---	---	---	---	<1	---
Propazine	µg/L	-	-	-	---	---	---	---	---	---	---	<1	---
Ronnel	µg/L	-	-	0.03 ^{#20}	---	---	---	---	---	---	---	<1	---
Simazine	µg/L	-	-	1 ^{#19}	---	---	---	---	---	---	---	<1	---
Stirophos	µg/L	-	-	-	---	---	---	---	---	---	---	<1	---
Terbutryn	µg/L	-	-	-	---	---	---	---	---	---	---	<1	---
Terbutylazine	µg/L	-	-	-	---	---	---	---	---	---	---	<1	---
Trichloronate	µg/L	-	-	-	---	---	---	---	---	---	---	<1	---
Triclopyr	µg/L	-	-	-	---	---	---	---	---	---	---	<0.02	---
Field													
pH (Field)	pH_Units	6.5-9.5 ^{#1}	-	-	11.4	---	10.4	6.7	9.5	---	---	7.4	---



Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				B-TP2	B-TP2	B-TP2	B-TP2	B-TP3	B-TP4	B-TP4	B-TP5
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-26183	23-26183	23-26183	23-26183	23-26407	23-26186	23-26186	23-26257
Date				31 Oct 2023	31 Oct 2023	31 Oct 2023	31 Oct 2023	07 Nov 2023	03 Nov 2023	03 Nov 2023	02 Nov 2023
Depth				0.3	0.3	1	1	3.06	2	2	3.05
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	93	---	1,400	---	240	430	---	1,300
Antimony (filtered)	µg/L	5 ^{#1}	-	0.72	---	0.29	---	<0.17	0.2	---	0.3
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	11	---	1.1	---	1.2	0.26	---	1
Barium (filtered)	µg/L	1,300 ^{#2}	-	31	---	25	---	31	230	---	160
Beryllium (filtered)	µg/L	-	-	<0.1	---	<0.1	---	<0.1	<0.1	---	<0.1
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	82	---	30	---	22	12	---	26
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	0.1	---	<0.03	---	<0.03	<0.03	---	<0.03
Calcium (filtered)	mg/L	-	-	13	---	23	---	110	120	---	73
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	<7	---	<7	---	<7	<7	---	<7
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	1.5	---	2.8	---	0.27	26	---	17
Chromium (Trivalent) (filtered)	µg/L	-	-	1.5	---	2.8	---	<1	26	---	17
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	1.9	---	2.5	---	1.2	2.1	---	3.8
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	20	---	<5.5	---	<5.5	<5.5	---	<5.5
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	1.1	---	2.2	---	<0.09	0.89	---	1.3
Magnesium (filtered)	mg/L	-	-	0.57	---	0.14	---	0.99	0.02	---	0.05
Manganese (filtered)	µg/L	50 ^{#1}	-	5.4	---	0.57	---	1.3	<0.22	---	1.2
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	0.03	---	0.02	---	<0.01	0.01	---	<0.01
Molybdenum (filtered)	µg/L	70 ^{#3}	-	6.8	---	2.1	---	<1.1	1.5	---	<1.1
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	1	---	<0.5	---	<0.5	<0.5	---	<0.5
Potassium (filtered)	mg/L	-	-	1.3	---	2.4	---	3.1	0.81	---	10
Selenium (filtered)	µg/L	10 ^{#1}	-	2.2	---	1	---	<0.25	0.47	---	0.31
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	1.3	---	1.1	---	2.1	0.98	---	5.1
Tin (filtered)	µg/L	-	10 ^{#25}	<0.4	---	4.6	---	<0.4	0.5	---	0.6
Titanium (filtered)	µg/L	-	-	0.4	---	<0.3	---	<0.3	<0.3	---	<0.3
Vanadium (filtered)	µg/L	-	100 ^{#26}	12	---	21	---	8.7	4.8	---	7.7
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	<1.3	---	<1.3	---	<1.3	<1.3	---	<1.3
Inorganics											
Total Hardness	mg/l	-	-	35.6	---	58.1	---	278	288	---	182
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	0.15	---	0.04	---	<0.02	0.05	---	0.04
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	0.12	0.12	0.033	0.031	<0.015	0.041	0.041	0.033
Chloride	mg/L	250 ^{#1}	-	0.89	---	1.7	---	1.2	7.1	---	3.8
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	<0.1	---	<0.1	---	<0.1	0.1	---	0.1
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	1.7	---	0.2	---	0.4	0.3	---	0.4
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	<40	---	<40	---	<40	<40	---	<40
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	0.44	---	0.58	---	0.75	0.99	---	0.66
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	<0.1	---	<0.1	---	<0.1	0.59	---	<0.1
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---	---
Sulphate	mg/L	250 (SO4) ^{#7}	-	23	---	15	---	290	4.4	---	8
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	-	-	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	-	-	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---	---
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---	---
Sulphate (Soluble) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	12	---	<10	---	120	21	---	35
Sulphur as S (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Sulphur (free)	mg/L	-	-	<0.084	---	<0.084	---	<0.084	<0.084	---	<0.084
Sulphide	µg/L	-	10 (MAC) ^{#29}	<10	---	<10	---	<10	<10	---	<10
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	<20	---	<20	---	<20	<20	---	<20
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---

Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				B-TP2	B-TP2	B-TP2	B-TP2	B-TP3	B-TP4	B-TP4	B-TP5
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-26183	23-26183	23-26183	23-26183	23-26407	23-26186	23-26186	23-26257
Date				31 Oct 2023	31 Oct 2023	31 Oct 2023	31 Oct 2023	07 Nov 2023	03 Nov 2023	03 Nov 2023	02 Nov 2023
Depth				0.3	0.3	1	1	3.06	2	2	3.05
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Ortho phosphate as PO4	mg/l	-	-	0.14	---	0.08	---	<0.03	0.07	---	<0.03
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Silica	µg/L	-	-	---	---	---	---	---	---	---	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	190	---	<100	---	190	110	---	160
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---	---	---
Other											
Dissolved Organic Carbon (filtered)	µg/L	-	-	2,500	---	<2,000	---	7,300	2,100	---	3,200
Electrical conductivity *(lab)	µS/cm	-	-	---	---	---	---	---	---	---	---
TPH CWG											
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	---	---	<0.1	---	---	<0.1	---	<0.1
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	---	---	<0.1	---	---	<0.1	---	<0.1
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	---	---	<0.1	---	---	<0.1	---	<0.1
>C10-C44 Aliphatics	µg/L	-	-	---	---	360	---	---	<1	---	<1
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	---	---	180	---	---	<1	---	<1
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	---	52	---	---	<1	---	<1
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	---	36	---	---	<1	---	<1
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C16-C35 Aliphatics	µg/L	-	-	---	---	116	---	---	<2	---	<2
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	---	80	---	---	<1	---	<1
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	---	13	---	---	<1	---	<1
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aliphatics >C12-C35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	---	<0.1	---	---	<0.1	---	<0.1
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	---	---	<0.1	---	---	<0.1	---	<0.1
>EC10-EC44 Aromatics	µg/L	-	-	---	---	<1	---	---	<1	---	<1
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	---	---	<0.1	---	---	<0.1	---	<0.1
>EC6-EC7 Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	---	---	<1	---	---	<1	---	<1
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	---	<1	---	---	<1	---	<1
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC16-EC35 Aromatics (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	---	<1	---	---	<1	---	<1
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	---	<1	---	---	<1	---	<1
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	µg/L	-	-	---	---	<1	---	---	<1	---	<1
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	---	360	---	---	<1	---	<1
Total Aromatics >EC5-EC35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	---	348	---	---	<10	---	<10
TPH											
EPH >C10-40	µg/L	-	-	<10	---	23	---	20	14	---	34
GRO >C5-12	µg/L	-	-	---	---	---	---	---	---	---	---
GRO C5-C10	µg/L	-	-	<1	---	<1	---	<1	<1	---	<1
BTEx and MTBE											
Benzene	µg/L	1 ^{#1}	8 ^{#19}	---	---	<1	---	---	<1	---	<1
Toluene	µg/L	700 ^{#2}	74 ^{#19}	---	---	<5	---	---	<5	---	<5
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	---	---	<5	---	---	<5	---	<5
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	---	---	<10	---	---	<10	---	<10
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	---	---	<5	---	---	<5	---	<5
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	---	---	<15	---	---	<15	---	<15
MTBE	µg/L	15 ^{#10}	15 ^{#10}	---	---	<10	---	---	<10	---	<10
Total BTEx	µg/L	-	-	---	---	---	---	---	---	---	---
PAH											
Naphthalene	µg/L	-	2 ^{#19}	0.11	---	<0.25	---	0.09	0.05	---	0.06
Naphthalene (filtered)	µg/L	-	2 ^{#19}	---	---	---	---	---	---	---	---
Acenaphthene	µg/L	-	-	0.02	---	0.08	---	0.02	0.01	---	<0.01
Acenaphthene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Acenaphthylene	µg/L	-	-	0.08	---	0.08	---	0.02	<0.01	---	<0.01
Acenaphthylene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Fluoranthene	µg/L	-	0.0063 ^{#19}	0.27	---	1.7	---	0.07	0.02	---	0.1
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#19}	---	---	---	---	---	---	---	---
Anthracene	µg/L	-	0.1 ^{#19}	0.04	---	0.27	---	0.02	0.01	---	<0.01
Anthracene (filtered)	µg/L	-	0.1 ^{#19}	---	---	---	---	---	---	---	---
Phenanthrene	µg/L	-	-	0.1	---	0.64	---	0.09	0.05	---	0.14
Phenanthrene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Fluorene	µg/L	-	-	0.02	---	0.07	---	0.02	<0.01	---	<0.01
Fluorene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Chrysene	µg/L	-	-	0.16	---	0.79	---	0.04	0.01	---	0.05

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP2	B-TP2	B-TP2	B-TP2	B-TP3	B-TP4	B-TP4	B-TP5
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-26183	23-26183	23-26183	23-26183	23-26407	23-26186	23-26186	23-26257
Date		31 Oct 2023	31 Oct 2023	31 Oct 2023	31 Oct 2023	07 Nov 2023	03 Nov 2023	03 Nov 2023	02 Nov 2023
Depth		0.3	0.3	1	1	3.06	2	2	3.05
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Chrysene (filtered)	µg/L	-	-	---	---	---	---	---	---
Pyrene	µg/L	-	-	0.35	---	1.5	---	0.06	0.02
Pyrene (filtered)	µg/L	-	-	---	---	---	---	---	---
Benzo(a)anthracene	µg/L	-	-	0.14	---	0.83	---	0.03	<0.01
Benzo(a)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.25	---	1.2	---	0.06	0.01
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.1	---	0.37	---	0.02	<0.01
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Benzo(b+k)fluoranthene	µg/L	-	-	0.35	---	1.57	---	0.08	0.02
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	0.13	---	0.8	---	0.04	<0.01
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	---	---	---	---	---
Dibenz(a,h)anthracene	µg/L	-	-	0.03	---	0.24	---	<0.01	<0.01
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.19	---	0.74	---	0.05	<0.01
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.21	---	0.71	---	0.05	<0.01
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
PAH 16 Total	µg/L	-	-	2.2	---	9.9	---	0.68	<0.2
PAH 16 Total (filtered)	µg/L	-	-	---	---	---	---	---	---
Phenolics									
Total Phenols (monohydric)	µg/L	-	-	<100	---	<100	---	<100	<100
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	---	---	---
Xylenols	µg/L	-	-	---	---	---	---	---	---
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	---	---	---	<0.1	<0.1
Phenols Monohydric	µg/L	-	-	---	---	---	---	---	---
VOC									
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---	---	---	---	---
Styrene	µg/L	-	50 ^{#20}	---	---	---	---	---	---
cis-1,3-dichloropropene	µg/L	-	-	---	---	---	---	---	---
trans-1,3-dichloropropene	µg/L	-	-	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	µg/L	-	-	---	---	---	---	---	---
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	µg/L	-	-	---	---	---	---	---	---
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	---	---	---	---	---	---
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	---	---	---	---	---	---
1,1-dichloroethene	µg/L	140 ^{#14}	-	---	---	---	---	---	---
1,1-dichloropropene	µg/L	-	-	---	---	---	---	---	---
1,2,3-trichloropropane	µg/L	-	-	---	---	---	---	---	---
1,2,4-trimethylbenzene	µg/L	-	-	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	µg/L	-	-	---	---	---	---	---	---
1,2-dibromoethane	µg/L	-	-	---	---	---	---	---	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---	---	---	---	---
1,2-dichloropropane	µg/L	-	-	---	---	---	---	---	---
1,3,5-trimethylbenzene	µg/L	-	-	---	---	---	---	---	---
1,3-dichloropropane	µg/L	-	-	---	---	---	---	---	---
2,2-dichloropropane	µg/L	-	-	---	---	---	---	---	---
Trihalomethanes	µg/L	100 ^{#1}	-	---	---	---	---	---	---
2-chlorotoluene	µg/L	-	-	---	---	---	---	---	---
4-chlorotoluene	µg/L	-	-	---	---	---	---	---	---
Bromobenzene	µg/L	-	-	---	---	---	---	---	---
Bromochloromethane	µg/L	-	-	---	---	---	---	---	---
Bromodichloromethane	µg/L	25 ^{#15}	-	---	---	---	---	---	---
Bromoform	µg/L	25 ^{#15}	-	---	---	---	---	---	---
Bromomethane	µg/L	-	-	---	---	---	---	---	---
Carbon disulfide	µg/L	-	-	---	---	---	---	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	---	---	---	---	---	---
Chlorodibromomethane	µg/L	25 ^{#15}	-	---	---	---	---	---	---
Chloroethane	µg/L	-	-	---	---	---	---	---	---
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	---	---	---	---	---	---
Chloromethane	µg/L	-	-	---	---	---	---	---	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	---	---	---	---
Dibromomethane	µg/L	-	-	---	---	---	---	---	---
Dichlorodifluoromethane	µg/L	-	-	---	---	---	---	---	---
Dichloromethane	µg/L	-	20 ^{#19}	---	---	---	---	---	---
Isopropylbenzene	µg/L	-	-	---	---	---	---	---	---
n-butylbenzene	µg/L	-	-	---	---	---	---	---	---
n-propylbenzene	µg/L	-	-	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP2	B-TP2	B-TP2	B-TP2	B-TP3	B-TP4	B-TP4	B-TP5
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-26183	23-26183	23-26183	23-26183	23-26407	23-26186	23-26186	23-26257
Date		31 Oct 2023	31 Oct 2023	31 Oct 2023	31 Oct 2023	07 Nov 2023	03 Nov 2023	03 Nov 2023	02 Nov 2023
Depth		0.3	0.3	1	1	3.06	2	2	3.05
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
p-isopropyltoluene	µg/L	-	-	---	---	---	---	---	---
sec-butylbenzene	µg/L	-	-	---	---	---	---	---	---
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	---	---	---	---
tert-butylbenzene	µg/L	-	-	---	---	---	---	---	---
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	---	---	---	---
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	---	---	---	---
Trichlorofluoromethane	µg/L	-	-	---	---	---	---	---	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	---	---	---	---	---
tert-Amyl methyl ether	µg/L	-	-	---	---	---	<5	---	<5
VOC/SVOC									
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	---	---	---
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	---	---	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	---	---	---
Chlorobenzene	µg/L	100 ^{#18}	-	---	---	---	---	---	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	---	---	---	---	---	---
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	---	---	---	---
SVOC									
1,4-dinitrobenzene	µg/L	-	-	---	---	---	---	---	---
Benzyl alcohol	µg/L	-	-	---	---	---	---	---	---
4-bromophenyl phenyl ether	µg/L	-	-	---	---	---	---	---	---
4-nitroaniline	µg/L	-	-	---	---	---	---	---	---
4-nitrophenol	µg/L	-	-	---	---	---	---	---	---
1,3-Dinitrobenzene	µg/L	-	-	---	---	---	---	---	---
1-Methylnaphthalene	µg/L	-	-	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	---	---	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	---	---	---	---	---	---
2,4,6-trichlorophenol	µg/L	-	-	---	---	---	<0.1	---	<0.1
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	---	---	---	<0.1	---	<0.1
2,4-dimethylphenol	µg/L	-	-	---	---	---	<0.1	---	<0.1
2,4-dinitrotoluene	µg/L	-	-	---	---	---	---	---	---
2,6-dichlorophenol	µg/L	-	-	---	---	---	<0.1	---	<0.1
2,6-Dimethylphenol	µg/L	-	-	---	---	---	<0.1	---	<0.1
2,6-dinitrotoluene	µg/L	-	-	---	---	---	---	---	---
2-chloronaphthalene	µg/L	-	-	---	---	---	---	---	---
2-chlorophenol	µg/L	-	50 ^{#20}	---	---	---	---	---	---
2-methylnaphthalene	µg/L	-	-	---	---	---	---	---	---
2-methylphenol	µg/L	-	-	---	---	---	---	---	---
2-nitroaniline	µg/L	-	-	---	---	---	---	---	---
2-nitrophenol	µg/L	-	-	---	---	---	---	---	---
3-nitroaniline	µg/L	-	-	---	---	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	---	---	---	<0.1	---	<0.1
4-chloroaniline	µg/L	-	-	---	---	---	---	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	---	---	---	---	---
4-methylphenol	µg/L	-	-	---	---	---	<0.1	---	<0.1
Aniline	µg/L	-	-	---	---	---	---	---	---
Azobenzene	µg/L	-	-	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	µg/L	-	-	---	---	---	---	---	---
Bis(2-chloroethyl)ether	µg/L	-	-	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	---	---	---	---	---
Bis(2-ethylhexyl)ester	µg/L	-	-	---	---	---	---	---	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	---	---	---	---	---
Carbazole	µg/L	-	-	---	---	---	---	---	---
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	---	---	---	---
Dibenzofuran	µg/L	-	-	---	---	---	---	---	---
Diethylphthalate	µg/L	-	200 ^{#20}	---	---	---	---	---	---
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	---	---	---	---	---
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	---	---	---	---	---
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	---	---	---	---	---
Diphenylamine	µg/L	-	-	---	---	---	---	---	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	---	---	---	---	---	---
Hexachlorocyclopentadiene	µg/L	-	-	---	---	---	---	---	---
Hexachloroethane	µg/L	-	-	---	---	---	---	---	---
Isophorone	µg/L	-	-	---	---	---	---	---	---
Nitrobenzene	µg/L	-	-	---	---	---	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP2	B-TP2	B-TP2	B-TP2	B-TP3	B-TP4	B-TP4	B-TP5
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-26183	23-26183	23-26183	23-26183	23-26407	23-26186	23-26186	23-26257
Date		31 Oct 2023	31 Oct 2023	31 Oct 2023	31 Oct 2023	07 Nov 2023	03 Nov 2023	03 Nov 2023	02 Nov 2023
Depth		0.3	0.3	1	1	3.06	2	2	3.05
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Pentachlorophenol	µg/L	-	0.4 ^{#19}	---	---	---	---	---	---
PCB									
PCB 12	µg/L	-	-	---	---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---	---	---	---	---
PCB 101	µg/L	-	-	---	---	---	---	---	---
PCB 118 + PCB 123	mg/L	-	-	---	---	---	---	---	---
PCB 138	µg/L	-	-	---	---	---	---	---	---
PCB 153	µg/L	-	-	---	---	---	---	---	---
PCB 180	µg/L	-	-	---	---	---	---	---	---
PCB 28 + PCB 31	µg/L	-	-	---	---	---	---	---	---
PCB 52	µg/L	-	-	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-	---	---	---	---	---	---
Total PCB WHO 12	µg/L	-	-	---	---	---	---	---	---
PCBs (Sum of total)	µg/L	-	-	---	---	---	---	---	---
Solvents									
Acetone	µg/L	-	-	---	---	---	---	---	---
PAH/Phenols									
PAHs (Sum of 4)	µg/L	-	-	---	---	---	---	---	---
Pesticides									
Heptachlor epoxide	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---
Simetryn	mg/L	-	-	---	---	---	---	---	---
Tokuthion	µg/L	-	-	---	---	---	---	---	---
Secbumeton	µg/L	-	-	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---	---
2,4-Dichlorprop	µg/L	-	-	---	---	---	---	---	---
4,4-DDE	µg/L	-	0.00625 ^{#37}	---	---	---	---	---	---
a-BHC	µg/L	-	-	---	---	---	---	---	---
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---
Aldrin + Dieldrin	µg/L	-	-	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	µg/L	-	-	---	---	---	---	---	---
Ametryn	µg/L	-	-	---	---	---	---	---	---
Actril (loxynil)	µg/L	-	10 ^{#20}	---	---	---	---	---	---
Atraton	µg/L	-	-	---	---	---	---	---	---
Atrazine	µg/L	-	0.6 ^{#19}	---	---	---	---	---	---
Azinophos methyl	µg/L	-	0.01 ^{#30}	---	---	---	---	---	---
b-BHC	µg/L	-	-	---	---	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	---	---	---
Bentazone	µg/L	-	500 ^{#20}	---	---	---	---	---	---
Bolstar (Sulprofos)	µg/L	-	-	---	---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	---	---
gamma-Chlordane	µg/L	-	-	---	---	---	---	---	---
Chlorpyrifos	µg/L	-	0.03 ^{#19}	---	---	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---	---	---
Coumaphos	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---
d-BHC	µg/L	-	-	---	---	---	---	---	---
DDT	µg/L	-	0.01 ^{#39}	---	---	---	---	---	---
Demeton-O	µg/L	-	-	---	---	---	---	---	---
Demeton-S	µg/L	-	-	---	---	---	---	---	---
Diazinon	µg/L	-	0.01 ^{#19}	---	---	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	---	---	---



Matrix Description		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG	
Location Code		B-TP2		B-TP2		B-TP2		B-TP3		B-TP4		B-TP4	
Matrix Type		Soil		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		23-26183		23-26183		23-26183		23-26407		23-26186		23-26186	
Date		31 Oct 2023		31 Oct 2023		31 Oct 2023		07 Nov 2023		03 Nov 2023		03 Nov 2023	
Depth		0.3		0.3		1		1		3.06		2	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS										
Dichlorvos	µg/L	-	0.04 ^{#20}	---	---	---	---	---	---	---	---	---	---
Dieldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---	---	---	---
Disulfoton	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan I	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan II	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endrin	µg/L	-	0.00125 ^{#38}	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endrin ketone	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Ethoprop	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fensulfothion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fenthion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Heptachlor	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---	---	---	---
Merphos	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Methoxychlor	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Methyl parathion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Phorate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Picloram	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Prometon	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Prometryn	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Propazine	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Ronnel	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---	---	---	---
Simazine	µg/L	-	1 ^{#19}	---	---	---	---	---	---	---	---	---	---
Stirophos	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Terbutryn	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Terbutylazine	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Trichloronate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Field													
pH (Field)	pH_Units	6.5-9.5 ^{#1}	-	9.1	---	10.6	---	8.4	11.7	---	11.6		



Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				B-TP5	B-TP6	B-TP6	B-TP7	B-TP7	B-TP8	B-TP8	B-TP9
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-26257	23-26374	23-26374	23-20261	23-20261	23-20261	23-20261	23-20261
Date				02 Nov 2023	06 Nov 2023	06 Nov 2023	18 Aug 2023	18 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023
Depth				3.05	0.6	0.6	0.5	0.5	4	4	2
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	---	320	---	150	---	230	---	170
Antimony (filtered)	µg/L	5 ^{#1}	-	---	<0.17	---	<0.17	---	0.25	---	0.22
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	---	0.42	---	0.54	---	0.96	---	6.9
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	22	---	1,300	---	350	---	120
Beryllium (filtered)	µg/L	-	-	---	<0.1	---	<0.1	---	<0.1	---	<0.1
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	15	---	<12	---	22	---	50
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	---	<0.03	---	<0.03	---	0.04	---	<0.03
Calcium (filtered)	mg/L	-	-	---	28	---	550	---	190	---	310
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	<7	---	16	---	<7	---	<7
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	6.1	---	88	---	51	---	4
Chromium (Trivalent) (filtered)	µg/L	-	-	---	6.1	---	72	---	51	---	4
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	---	1.2	---	3.2	---	3.5	---	1.9
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	---	9.3	---	<5.5	---	<5.5	---	<5.5
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	---	0.13	---	34	---	11	---	1.2
Magnesium (filtered)	mg/L	-	-	---	0.51	---	0.05	---	0.03	---	1.2
Manganese (filtered)	µg/L	50 ^{#1}	-	---	0.42	---	<0.22	---	1.1	---	1.3
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	---	0.01	---	0.05	---	0.05	---	0.05
Molybdenum (filtered)	µg/L	70 ^{#3}	-	---	<1.1	---	20	---	9.4	---	4.7
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	---	<0.5	---	<0.5	---	0.5	---	<0.5
Potassium (filtered)	mg/L	-	-	---	1.1	---	10	---	2.6	---	21
Selenium (filtered)	µg/L	10 ^{#1}	-	---	0.79	---	2.8	---	2.7	---	2.4
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	---	0.83	---	8.2	---	1.6	---	3
Tin (filtered)	µg/L	-	10 ^{#25}	---	<0.4	---	<0.4	---	1	---	<0.4
Titanium (filtered)	µg/L	-	-	---	0.7	---	<0.3	---	<0.3	---	<0.3
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	16	---	1.1	---	4.1	---	37
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	---	<1.3	---	4.3	---	2.5	---	<1.3
Inorganics											
Total Hardness	mg/l	-	-	---	73.1	---	1,370	---	484	---	790
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	0.07	---	0.22	---	0.25	---	0.6
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	0.034	0.058	0.057	0.18	0.17	0.21	0.2	0.49
Chloride	mg/L	250 ^{#1}	-	---	1.4	---	18	---	<10	---	13
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	<0.1	---	0.2	---	0.4	---	<0.1
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	<0.1	---	2.1	---	1.6	---	2.6
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	<40	---	<40	---	<40	---	<40
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	---	0.81	---	<10	---	<10	---	16
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	---	<0.1	---	<10	---	<10	---	<10
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---	---
Sulphate	mg/L	250 (SO4) ^{#7}	-	---	22	---	29	---	26	---	430
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	-	-	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	-	-	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---	---
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---	---
Sulphate (Soluble) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	---	<10	---	<10	---	<10	---	310
Sulphur as S (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Sulphur (free)	mg/L	-	-	---	<0.084	---	<0.084	---	<0.084	---	<0.084
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	<10	---	27	---	110	---	44
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	---	<20	---	<20	---	20	---	<20
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP5	B-TP6	B-TP6	B-TP7	B-TP7	B-TP8	B-TP8	B-TP9
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-26257	23-26374	23-26374	23-20261	23-20261	23-20261	23-20261	23-20261
Date		02 Nov 2023	06 Nov 2023	06 Nov 2023	18 Aug 2023	18 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023
Depth		3.05	0.6	0.6	0.5	0.5	4	4	2
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Ortho phosphate as PO4	mg/l	-	-	---	0.03	---	<0.03	---	<0.03
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	---	---	---	---
Silica	µg/L	-	-	---	---	---	4,000	---	6,600
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	250	---	<10,000	---	<10,000
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---
Other									
Dissolved Organic Carbon (filtered)	µg/L	-	-	---	<2,000	---	11,000	---	21,000
Electrical conductivity *(lab)	µS/cm	-	-	---	---	---	---	---	---
TPH CWG									
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	---	<0.1	---	<0.1	---	<0.1
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	---	<0.1	---	<0.1	---	<0.1
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	---	<0.1	---	<0.1	---	<0.1
>C10-C44 Aliphatics	µg/L	-	-	---	<1	---	<1	---	160
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	---	<1	---	<1	---	59
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	<1	---	<1	---	22
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	<1	---	<1	---	28
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---
>C16-C35 Aliphatics	µg/L	-	-	---	<2	---	<2	---	77
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	<1	---	<1	---	49
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	<1	---	<1	---	26
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---
Total Aliphatics >C12-C35 (filtered)	µg/L	-	-	---	---	---	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	<0.1	---	<0.1	---	<0.1
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	---	<0.1	---	<0.1	---	<0.1
>EC10-EC44 Aromatics	µg/L	-	-	---	<1	---	<1	---	<1
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	---	<0.1	---	<0.1	---	<0.1
>EC6-EC7 Aromatics	µg/L	-	-	---	---	---	---	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	---	<1	---	<1	---	<1
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	<1	---	<1	---	<1
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---
>EC16-EC35 Aromatics (filtered)	µg/L	-	-	---	---	---	---	---	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	<1	---	<1	---	<1
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	<1	---	<1	---	<1
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---
>EC35-EC44 Aromatics	µg/L	-	-	---	<1	---	<1	---	<1
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	<1	---	<1	---	180
Total Aromatics >EC5-EC35	µg/L	See TPH	See TPH	---	---	---	---	---	---
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	-	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	<10	---	<10	---	158
TPH									
EPH >C10-40	µg/L	-	-	---	<10	---	<10	---	48
GRO >C5-12	µg/L	-	-	---	---	---	---	---	---
GRO C5-C10	µg/L	-	-	---	<1	---	<1	---	<1
BTEX and MTBE									
Benzene	µg/L	1 ^{#1}	8 ^{#19}	---	<1	---	<1	---	<1
Toluene	µg/L	700 ^{#2}	74 ^{#19}	---	<1	---	<5	---	<5
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	---	<1	---	<5	---	<5
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	---	<2	---	<10	---	<10
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	---	<1	---	<5	---	<5
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	---	<3	---	<15	---	<15
MTBE	µg/L	15 ^{#10}	15 ^{#10}	---	<1	---	<10	---	<10
Total BTEX	µg/L	-	-	---	---	---	---	---	---
PAH									
Naphthalene	µg/L	-	2 ^{#19}	---	<0.05	---	<0.05	---	0.11
Naphthalene (filtered)	µg/L	-	2 ^{#19}	---	---	---	---	---	---
Acenaphthene	µg/L	-	-	---	<0.01	---	<0.01	---	0.03
Acenaphthene (filtered)	µg/L	-	-	---	---	---	---	---	---
Acenaphthylene	µg/L	-	-	---	<0.01	---	<0.01	---	0.13
Acenaphthylene (filtered)	µg/L	-	-	---	---	---	---	---	---
Fluoranthene	µg/L	-	0.0063 ^{#19}	---	<0.01	---	0.04	---	0.33
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#19}	---	---	---	---	---	---
Anthracene	µg/L	-	0.1 ^{#19}	---	<0.01	---	<0.01	---	0.09
Anthracene (filtered)	µg/L	-	0.1 ^{#19}	---	---	---	---	---	---
Phenanthrene	µg/L	-	-	---	<0.01	---	0.14	---	0.89
Phenanthrene (filtered)	µg/L	-	-	---	---	---	---	---	---
Fluorene	µg/L	-	-	---	<0.01	---	<0.01	---	0.06
Fluorene (filtered)	µg/L	-	-	---	---	---	---	---	---
Chrysene	µg/L	-	-	---	<0.01	---	<0.01	---	0.07



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP5	B-TP6	B-TP6	B-TP7	B-TP7	B-TP8	B-TP8	B-TP9
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-26257	23-26374	23-26374	23-20261	23-20261	23-20261	23-20261	23-20261
Date		02 Nov 2023	06 Nov 2023	06 Nov 2023	18 Aug 2023	18 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023
Depth		3.05	0.6	0.6	0.5	0.5	4	4	2
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Chrysene (filtered)	µg/L	-	-	-	---	---	---	---	---
Pyrene	µg/L	-	-	-	---	<0.01	---	0.14	---
Pyrene (filtered)	µg/L	-	-	-	---	---	---	---	---
Benzo(a)anthracene	µg/L	-	-	-	---	<0.01	---	0.05	---
Benzo(a)anthracene (filtered)	µg/L	-	-	-	---	---	---	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	---	<0.01	---	0.07	---
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	---	---	---	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	---	<0.01	---	0.03	---
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	---	---	---	---	---
Benzo(b+k)fluoranthene	µg/L	-	-	-	---	<0.02	---	0.1	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	-	---	<0.01	---	0.06	---
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#34}	-	---	---	---	---	---
Dibenz(a,h)anthracene	µg/L	-	-	-	---	<0.01	---	<0.01	---
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	-	---	---	---	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	---	<0.01	---	0.04	---
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	---	<0.01	---	0.04	---
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	---	---	---	---	---
PAH 16 Total	µg/L	-	-	-	---	<0.2	---	2.1	---
PAH 16 Total (filtered)	µg/L	-	-	-	---	---	---	---	---
Phenolics									
Total Phenols (monohydric)	µg/L	-	-	-	---	<100	---	<100	---
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	-	---	<1	---	---	---
Xylenols	µg/L	-	-	-	---	---	---	---	---
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	-	---	<0.1	---	<0.1	---
Phenols Monohydric	µg/L	-	-	-	---	---	---	---	---
VOC									
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	-	---	<2	---	---	---
Styrene	µg/L	-	50 ^{#20}	-	---	<1	---	---	---
cis-1,3-dichloropropene	µg/L	-	-	-	---	<1	---	---	---
trans-1,3-dichloropropene	µg/L	-	-	-	---	<1	---	---	---
1,1,1,2-tetrachloroethane	µg/L	-	-	-	---	<1	---	---	---
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	-	---	<1	---	---	---
1,1,2,2-tetrachloroethane	µg/L	-	-	-	---	<1	---	---	---
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	-	---	<1	---	---	---
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	-	---	<1	---	---	---
1,1-dichloroethene	µg/L	140 ^{#14}	-	-	---	<1	---	---	---
1,1-dichloropropene	µg/L	-	-	-	---	<1	---	---	---
1,2,3-trichloropropane	µg/L	-	-	-	---	<1	---	---	---
1,2,4-trimethylbenzene	µg/L	-	-	-	---	<1	---	---	---
1,2-dibromo-3-chloropropane	µg/L	-	-	-	---	<1	---	---	---
1,2-dibromoethane	µg/L	-	-	-	---	<1	---	---	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	-	---	<1	---	---	---
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	-	---	<2	---	---	---
1,2-dichloropropane	µg/L	-	-	-	---	<1	---	---	---
1,3,5-trimethylbenzene	µg/L	-	-	-	---	<1	---	---	---
1,3-dichloropropane	µg/L	-	-	-	---	<1	---	---	---
2,2-dichloropropane	µg/L	-	-	-	---	<2	---	---	---
Trihalomethanes	µg/L	100 ^{#1}	-	-	---	<7	---	---	---
2-chlorotoluene	µg/L	-	-	-	---	<1	---	---	---
4-chlorotoluene	µg/L	-	-	-	---	<1	---	---	---
Bromobenzene	µg/L	-	-	-	---	<1	---	---	---
Bromochloromethane	µg/L	-	-	-	---	<4	---	---	---
Bromodichloromethane	µg/L	25 ^{#15}	-	-	---	<4	---	---	---
Bromoform	µg/L	25 ^{#15}	-	-	---	<1	---	---	---
Bromomethane	µg/L	-	-	-	---	<1	---	---	---
Carbon disulfide	µg/L	-	-	-	---	---	---	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	-	---	<1	---	---	---
Chlorodibromomethane	µg/L	25 ^{#15}	-	-	---	<1	---	---	---
Chloroethane	µg/L	-	-	-	---	<1	---	---	---
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	-	---	<1	---	---	---
Chloromethane	µg/L	-	-	-	---	<1	---	---	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	-	---	<1	---	---	---
Dibromomethane	µg/L	-	-	-	---	<1	---	---	---
Dichlorodifluoromethane	µg/L	-	-	-	---	<1	---	---	---
Dichloromethane	µg/L	-	20 ^{#19}	-	---	<27	---	---	---
Isopropylbenzene	µg/L	-	-	-	---	<1	---	---	---
n-butylbenzene	µg/L	-	-	-	---	<1	---	---	---
n-propylbenzene	µg/L	-	-	-	---	<1	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP5	B-TP6	B-TP6	B-TP7	B-TP7	B-TP7	B-TP8	B-TP9
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-26257	23-26374	23-26374	23-20261	23-20261	23-20261	23-20261	23-20261
Date		02 Nov 2023	06 Nov 2023	06 Nov 2023	18 Aug 2023	18 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023
Depth		3.05	0.6	0.6	0.5	0.5	4	4	2
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
p-isopropyltoluene	µg/L	-	-	---	<1	---	---	---	---
sec-butylbenzene	µg/L	-	-	---	<1	---	---	---	---
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	<1	---	---	---	---
tert-butylbenzene	µg/L	-	-	---	<1	---	---	---	---
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	<1	---	---	---	---
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	<1	---	---	---	---
Trichlorofluoromethane	µg/L	-	-	---	<1	---	---	---	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	<1	---	---	---	---
tert-Amyl methyl ether	µg/L	-	-	---	<5	---	<5	---	<5
VOC/SVOC									
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1	---	---	---	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1	---	---	---	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1	---	---	---	---
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<2	---	---	---	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1	---	---	---	---
Chlorobenzene	µg/L	100 ^{#18}	-	---	<1	---	---	---	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	---	<1	---	---	---	---
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	<2	---	---	---	---
SVOC									
1,4-dinitrobenzene	µg/L	-	-	---	<1	---	---	---	---
Benzyl alcohol	µg/L	-	-	---	<1	---	---	---	---
4-bromophenyl phenyl ether	µg/L	-	-	---	<1	---	---	---	---
4-nitroaniline	µg/L	-	-	---	<1	---	---	---	---
4-nitrophenol	µg/L	-	-	---	<1	---	---	---	---
1,3-Dinitrobenzene	µg/L	-	-	---	<1	---	---	---	---
1-Methylnaphthalene	µg/L	-	-	---	<1	---	---	---	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	<1	---	---	---	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	<1	---	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	---	<1	---	---	---	---
2,4,6-trichlorophenol	µg/L	-	-	---	<0.1	---	<0.1	---	<0.1
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	---	<0.1	---	<0.1	---	<0.1
2,4-dimethylphenol	µg/L	-	-	---	<0.1	---	<0.1	---	<0.1
2,4-dinitrotoluene	µg/L	-	-	---	<1	---	---	---	---
2,6-dichlorophenol	µg/L	-	-	---	<0.1	---	<0.1	---	<0.1
2,6-Dimethylphenol	µg/L	-	-	---	<0.1	---	<0.1	---	<0.1
2,6-dinitrotoluene	µg/L	-	-	---	<1	---	---	---	---
2-chloronaphthalene	µg/L	-	-	---	<1	---	---	---	---
2-chlorophenol	µg/L	-	50 ^{#20}	---	<1	---	---	---	---
2-methylnaphthalene	µg/L	-	-	---	<1	---	---	---	---
2-methylphenol	µg/L	-	-	---	<1	---	---	---	---
2-nitroaniline	µg/L	-	-	---	<1	---	---	---	---
2-nitrophenol	µg/L	-	-	---	---	---	---	---	---
3-nitroaniline	µg/L	-	-	---	<1	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	---	<0.1	---	<0.1	---	<0.1
4-chloroaniline	µg/L	-	-	---	---	---	---	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	<1	---	---	---	---
4-methylphenol	µg/L	-	-	---	<0.1	---	<0.1	---	<0.1
Aniline	µg/L	-	-	---	<1	---	---	---	---
Azobenzene	µg/L	-	-	---	<1	---	---	---	---
Bis(2-chloroethoxy) methane	µg/L	-	-	---	<1	---	---	---	---
Bis(2-chloroethoxy) ether	µg/L	-	-	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	<1	---	---	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	<1	---	---	---	---
Bis(2-ethylhexyl) ester	µg/L	-	-	---	<1	---	---	---	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	<1	---	---	---	---
Carbazole	µg/L	-	-	---	<1	---	---	---	---
Di(2-ethylhexyl) adipate	µg/L	-	-	---	---	---	---	---	---
Dibenzofuran	µg/L	-	-	---	<1	---	---	---	---
Diethylphthalate	µg/L	-	200 ^{#20}	---	<1	---	---	---	---
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	<1	---	---	---	---
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	<1	---	---	---	---
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	<1	---	---	---	---
Diphenylamine	µg/L	-	-	---	<1	---	---	---	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	---	<1	---	---	---	---
Hexachlorocyclopentadiene	µg/L	-	-	---	<1	---	---	---	---
Hexachloroethane	µg/L	-	-	---	---	---	---	---	---
Isophorone	µg/L	-	-	---	---	---	---	---	---
Nitrobenzene	µg/L	-	-	---	---	---	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP5	B-TP6	B-TP6	B-TP7	B-TP7	B-TP7	B-TP8	B-TP9
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-26257	23-26374	23-26374	23-20261	23-20261	23-20261	23-20261	23-20261
Date		02 Nov 2023	06 Nov 2023	06 Nov 2023	18 Aug 2023	18 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023
Depth		3.05	0.6	0.6	0.5	0.5	4	4	2
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Pentachlorophenol	µg/L	-	0.4 ^{#19}		---	<1	---	---	---
PCB									
PCB 12	µg/L	-	-		---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-		---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-		---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-		---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-		---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-		---	---	---	---	---
PCB 101	µg/L	-	-		---	---	---	---	---
PCB 118 + PCB 123	mg/L	-	-		---	---	---	---	---
PCB 138	µg/L	-	-		---	---	---	---	---
PCB 153	µg/L	-	-		---	---	---	---	---
PCB 180	µg/L	-	-		---	---	---	---	---
PCB 28 + PCB 31	µg/L	-	-		---	---	---	---	---
PCB 52	µg/L	-	-		---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-		---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-		---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-		---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-		---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-		---	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-		---	---	---	---	---
Total PCB WHO 12	µg/L	-	-		---	---	---	---	---
PCBs (Sum of total)	µg/L	-	-		---	---	---	---	---
Solvents									
Acetone	µg/L	-	-		---	---	---	---	---
PAH/Phenols									
PAHs (Sum of 4)	µg/L	-	-		---	---	---	---	---
Pesticides									
Heptachlor epoxide	µg/L	0.03 ^{#1}	-		---	---	---	---	---
Simetryn	mg/L	-	-		---	---	---	---	---
Tokuthion	µg/L	-	-		---	---	---	---	---
Secbumeton	µg/L	-	-		---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-		---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-		---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-		---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}		---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-		---	---	---	---	---
2,4-Dichlorprop	µg/L	-	-		---	---	---	---	---
4,4-DDE	µg/L	-	0.00625 ^{#37}		---	---	---	---	---
a-BHC	µg/L	-	-		---	---	---	---	---
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}		---	---	---	---	---
Aldrin + Dieldrin	µg/L	-	-		---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	µg/L	-	-		---	---	---	---	---
Ametryn	µg/L	-	-		---	---	---	---	---
Actril (loxynil)	µg/L	-	10 ^{#20}		---	---	---	---	---
Atraton	µg/L	-	-		---	---	---	---	---
Atrazine	µg/L	-	0.6 ^{#19}		---	---	---	---	---
Azinophos methyl	µg/L	-	0.01 ^{#30}		---	---	---	---	---
b-BHC	µg/L	-	-		---	---	---	---	---
Benazolin	µg/L	-	-		---	---	---	---	---
Bentazone	µg/L	-	500 ^{#20}		---	---	---	---	---
Bolstar (Sulprofos)	µg/L	-	-		---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}		---	---	---	---	---
gamma-Chlordane	µg/L	-	-		---	---	---	---	---
Chlorpyrifos	µg/L	-	0.03 ^{#19}		---	---	---	---	---
Clopyralid	µg/L	-	-		---	---	---	---	---
Coumaphos	µg/L	-	0.03 ^{#20}		---	---	---	---	---
d-BHC	µg/L	-	-		---	---	---	---	---
DDT	µg/L	-	0.01 ^{#39}		---	---	---	---	---
Demeton-O	µg/L	-	-		---	---	---	---	---
Demeton-S	µg/L	-	-		---	---	---	---	---
Diazinon	µg/L	-	0.01 ^{#19}		---	---	---	---	---
Dicamba	µg/L	-	-		---	---	---	---	---



Matrix Description		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG	
Location Code		B-TP5		B-TP6		B-TP6		B-TP7		B-TP7		B-TP8	
Matrix Type		Soil		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		23-26257		23-26374		23-26374		23-20261		23-20261		23-20261	
Date		02 Nov 2023		06 Nov 2023		06 Nov 2023		18 Aug 2023		18 Aug 2023		17 Aug 2023	
Depth		3.05		0.6		0.6		0.5		0.5		4	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS										
Dichlorvos	µg/L	-	0.04 ^{#20}	---	---	---	---	---	---	---	---	---	---
Dieldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---	---	---	---
Disulfoton	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan I	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan II	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endrin	µg/L	-	0.00125 ^{#38}	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endrin ketone	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Ethoprop	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fensulfothion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fenthion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Heptachlor	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---	---	---	---
Merphos	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Methoxychlor	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Methyl parathion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Phorate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Picloram	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Prometon	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Prometryn	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Propazine	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Ronnel	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---	---	---	---
Simazine	µg/L	-	1 ^{#19}	---	---	---	---	---	---	---	---	---	---
Stirophos	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Terbutryn	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Terbutylazine	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Trichloronate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Field													
pH (Field)	pH_Units	6.5-9.5 ^{#1}	-	---	9.2	---	12.5	---	12.1	---	9.4		



Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				B-TP9	B-TP10	B-TP10	B-TP12	B-TP12	B-TP12	B-TP13	B-TP13
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-20261	23-20261	23-20261	23-18900	23-18900	23-18900	23-19884	23-19884
Date				17 Aug 2023	16 Aug 2023	16 Aug 2023	02 Aug 2023	02 Aug 2023	02 Aug 2023	15 Aug 2023	15 Aug 2023
Depth				2	0.5	0.5	0.3	0.3	0.3	0.5	0.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	---	19	---	300	---	410	---	390
Antimony (filtered)	µg/L	5 ^{#1}	-	---	0.75	---	0.65	---	0.64	---	0.37
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	---	19	---	2.4	---	0.58	---	2.8
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	50	---	38	---	27	---	36
Beryllium (filtered)	µg/L	-	-	---	<0.1	---	<0.1	---	<0.1	---	<0.1
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	120	---	59	---	130	---	24
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	---	<0.03	---	<0.03	---	<0.03	---	<0.03
Calcium (filtered)	mg/L	-	-	---	170	---	47	---	51	---	270
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	<7	---	<7	---	<7	---	<7
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	1.6	---	0.75	---	1.3	---	0.42
Chromium (Trivalent) (filtered)	µg/L	-	-	---	1.6	---	<1	---	1.3	---	<1
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	---	1.1	---	0.6	---	0.9	---	3
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	---	6	---	14	---	<5.5	---	<5.5
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	---	0.25	---	<0.09	---	<0.09	---	1.2
Magnesium (filtered)	mg/L	-	-	---	10	---	2.6	---	1.6	---	0.57
Manganese (filtered)	µg/L	50 ^{#1}	-	---	6.6	---	0.85	---	0.59	---	1.4
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	---	0.01	---	0.01	---	<0.01	---	0.02
Molybdenum (filtered)	µg/L	70 ^{#3}	-	---	10	---	<1.1	---	<1.1	---	1.8
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	---	<0.5	---	<0.5	---	<0.5	---	<0.5
Potassium (filtered)	mg/L	-	-	---	7.7	---	5.5	---	4.3	---	15
Selenium (filtered)	µg/L	10 ^{#1}	-	---	2.7	---	1.8	---	1.4	---	1.3
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	---	4.1	---	4.8	---	1.7	---	2.8
Tin (filtered)	µg/L	-	10 ^{#25}	---	<0.4	---	<0.4	---	<0.4	---	<0.4
Titanium (filtered)	µg/L	-	-	---	<0.3	---	1.1	---	<0.3	---	<0.3
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	4.3	---	63	---	3.3	---	32
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	---	3.4	---	<1.3	---	<1.3	---	2.1
Inorganics											
Total Hardness	mg/l	-	-	---	464	---	129	---	134	---	677
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	0.48	---	0.04	---	0.09	---	0.09
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	0.47	0.40	0.37	0.033	0.033	0.074	0.074	0.074
Chloride	mg/L	250 ^{#1}	-	---	13	---	4.3	---	3.3	---	0.82
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	0.1	---	0.7	---	<0.1	---	<0.1
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	3.5	---	6.8	---	1.5	---	1.1
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	<40	---	<40	---	<40	---	<40
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	---	12	---	2.4	---	1.1	---	1.5
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	---	<10	---	<0.1	---	<0.1	---	<0.1
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---	---
Sulphate	mg/L	250 (SO4) ^{#7}	-	---	220	---	94	---	130	---	630
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	-	-	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	-	-	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	8.3	---	---	---	---
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---	---
Sulphate (Soluble) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	---	210	---	<0.084	---	58	---	280
Sulphur as S (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Sulphur (free)	mg/L	-	-	---	<0.084	---	---	---	<0.084	---	<0.084
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	33	---	13	---	<10	---	29
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	---	<20	---	<20	---	<20	---	<20
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---

Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				B-TP9	B-TP10	B-TP10	B-TP12	B-TP12	B-TP13	B-TP13
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-20261	23-20261	23-20261	23-18900	23-18900	23-19884	23-19884
Date				17 Aug 2023	16 Aug 2023	16 Aug 2023	02 Aug 2023	02 Aug 2023	15 Aug 2023	15 Aug 2023
Depth				2	0.5	0.5	0.3	0.3	0.5	0.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Ortho phosphate as PO4	mg/l	-	-	---	<0.03	---	0.02	---	0.25	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	---	---	---	---	---
Silica	µg/L	-	-	---	9,000	---	2,300	---	1,100	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	<10,000	---	740	---	390	---
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---	---
Other										
Dissolved Organic Carbon (filtered)	µg/L	-	-	---	12,000	---	2,700	---	<2,000	---
Electrical conductivity *(lab)	µS/cm	-	-	---	---	---	---	---	---	---
TPH CWG										
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	---	<0.1	---	<0.1	---	<0.1	---
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	---	<0.1	---	<0.1	---	<0.1	---
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	---	<0.1	---	<0.1	---	<0.1	---
>C10-C44 Aliphatics	µg/L	-	-	---	<1	---	---	---	<1	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	---	<1	---	---	---	<1	---
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	<1	---	---	---	<1	---
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	<1	---	---	---	<1	---
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C16-C35 Aliphatics	µg/L	-	-	---	<2	---	---	---	<2	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	<1	---	---	---	<1	---
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	<1	---	---	---	<1	---
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
Total Aliphatics >C12-C35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	<0.1	---	<0.1	---	<0.1	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	---	<0.1	---	<0.1	---	<0.1	---
>EC10-EC44 Aromatics	µg/L	-	-	---	<1	---	---	---	<1	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	---	<0.1	---	<0.1	---	<0.1	---
>EC6-EC7 Aromatics	µg/L	-	-	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	---	<1	---	---	---	<1	---
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	<1	---	---	---	<1	---
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC16-EC35 Aromatics (filtered)	µg/L	-	-	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	<1	---	---	---	<1	---
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	<1	---	---	---	<1	---
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	µg/L	-	-	---	<1	---	---	---	<1	---
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	<1	---	---	---	<1	---
Total Aromatics >EC5-EC35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	<10	---	---	---	<10	---
TPH										
EPH >C10-40	µg/L	-	-	---	<10	---	<10	---	<10	---
GRO >C5-12	µg/L	-	-	---	---	---	---	---	---	---
GRO C5-C10	µg/L	-	-	---	<1	---	<1	---	<1	---
BTEX and MTBE										
Benzene	µg/L	1 ^{#1}	8 ^{#19}	---	<1	---	<1	---	<1	---
Toluene	µg/L	700 ^{#2}	74 ^{#19}	---	<5	---	<1	---	<5	---
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	---	<5	---	<1	---	<5	---
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	---	<10	---	<2	---	<10	---
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	---	<5	---	<1	---	<5	---
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	---	<15	---	---	---	<15	---
MTBE	µg/L	15 ^{#10}	15 ^{#10}	---	<10	---	<1	---	<10	---
Total BTEX	µg/L	-	-	---	---	---	---	---	---	---
PAH										
Naphthalene	µg/L	-	2 ^{#19}	---	<0.05	---	<0.05	---	<0.5	---
Naphthalene (filtered)	µg/L	-	2 ^{#19}	---	---	---	---	---	---	---
Acenaphthene	µg/L	-	-	---	<0.01	---	<0.01	---	<0.1	---
Acenaphthene (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Acenaphthylene	µg/L	-	-	---	<0.01	---	<0.01	---	<0.1	---
Acenaphthylene (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Fluoranthene	µg/L	-	0.0063 ^{#19}	---	<0.01	---	0.04	---	0.12	---
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#19}	---	---	---	---	---	---	---
Anthracene	µg/L	-	0.1 ^{#19}	---	<0.01	---	<0.01	---	<0.1	---
Anthracene (filtered)	µg/L	-	0.1 ^{#19}	---	---	---	---	---	---	---
Phenanthrene	µg/L	-	-	---	<0.01	---	0.02	---	0.13	---
Phenanthrene (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Fluorene	µg/L	-	-	---	<0.01	---	<0.01	---	<0.1	---
Fluorene (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Chrysene	µg/L	-	-	---	<0.01	---	0.02	---	<0.1	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP9	B-TP10	B-TP10	B-TP12	B-TP12	B-TP13	B-TP13	B-TP14
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-20261	23-20261	23-20261	23-18900	23-18900	23-19884	23-19884	23-20263
Date		17 Aug 2023	16 Aug 2023	16 Aug 2023	02 Aug 2023	02 Aug 2023	15 Aug 2023	15 Aug 2023	16 Aug 2023
Depth		2	0.5	0.5	0.3	0.3	0.5	0.5	0.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Chrysene (filtered)	µg/L	-	-	-	-	-	-	-	-
Pyrene	µg/L	-	-	-	0.03	-	0.12	-	<0.01
Pyrene (filtered)	µg/L	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	-	-	0.02	-	<0.1	-	<0.01
Benzo(a)anthracene (filtered)	µg/L	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	0.04	-	<0.1	-	<0.01
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	0.01	-	<0.1	-	<0.01
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	-	-	-	-	-
Benzo(b+k)fluoranthene	µg/L	-	-	-	-	-	<0.2	-	<0.02
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	-	0.02	-	<0.1	-	<0.01
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#34}	-	-	-	-	-	-
Dibenz(a,h)anthracene	µg/L	-	-	-	<0.01	-	<0.1	-	<0.01
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	0.03	-	<0.1	-	<0.01
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	-	-	-	-	-
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	0.03	-	<0.1	-	<0.01
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	-	-	-	-	-
PAH 16 Total	µg/L	-	-	-	0.27	-	<2	-	<0.2
PAH 16 Total (filtered)	µg/L	-	-	-	-	-	-	-	-
Phenolics									
Total Phenols (monohydric)	µg/L	-	-	-	<100	-	<100	-	<100
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	-	<1	-	-	-	-
Xylenols	µg/L	-	-	-	<0.1	-	-	-	-
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	-	<0.1	-	<0.1	-	<0.1
Phenols Monohydric	µg/L	-	-	-	-	-	-	-	-
VOC									
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	-	-	-	-	-	-
Styrene	µg/L	-	50 ^{#20}	-	<1	-	-	-	-
cis-1,3-dichloropropene	µg/L	-	-	-	<1	-	-	-	-
trans-1,3-dichloropropene	µg/L	-	-	-	<1	-	-	-	-
1,1,1,2-tetrachloroethane	µg/L	-	-	-	<1	-	-	-	-
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	-	<1	-	-	-	-
1,1,2,2-tetrachloroethane	µg/L	-	-	-	<1	-	-	-	-
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	-	<1	-	-	-	-
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	-	<1	-	-	-	-
1,1-dichloroethene	µg/L	140 ^{#14}	-	-	<1	-	-	-	-
1,1-dichloropropene	µg/L	-	-	-	<1	-	-	-	-
1,2,3-trichloropropane	µg/L	-	-	-	<1	-	-	-	-
1,2,4-trimethylbenzene	µg/L	-	-	-	<1	-	-	-	-
1,2-dibromo-3-chloropropane	µg/L	-	-	-	<1	-	-	-	-
1,2-dibromoethane	µg/L	-	-	-	<1	-	-	-	-
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	-	<1	-	-	-	-
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	-	-	-	-	-	-
1,2-dichloropropane	µg/L	-	-	-	<1	-	-	-	-
1,3,5-trimethylbenzene	µg/L	-	-	-	<1	-	-	-	-
1,3-dichloropropane	µg/L	-	-	-	<1	-	-	-	-
2,2-dichloropropane	µg/L	-	-	-	<2	-	-	-	-
Trihalomethanes	µg/L	100 ^{#1}	-	-	-	-	-	-	-
2-chlorotoluene	µg/L	-	-	-	<1	-	-	-	-
4-chlorotoluene	µg/L	-	-	-	<1	-	-	-	-
Bromobenzene	µg/L	-	-	-	<1	-	-	-	-
Bromochloromethane	µg/L	-	-	-	<4	-	-	-	-
Bromodichloromethane	µg/L	25 ^{#15}	-	-	<4	-	-	-	-
Bromoform	µg/L	25 ^{#15}	-	-	<1	-	-	-	-
Bromomethane	µg/L	-	-	-	<1	-	-	-	-
Carbon disulfide	µg/L	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	-	<1	-	-	-	-
Chlorodibromomethane	µg/L	25 ^{#15}	-	-	<1	-	-	-	-
Chloroethane	µg/L	-	-	-	<1	-	-	-	-
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	-	<1	-	-	-	-
Chloromethane	µg/L	-	-	-	<1	-	-	-	-
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	-	<1	-	-	-	-
Dibromomethane	µg/L	-	-	-	<1	-	-	-	-
Dichlorodifluoromethane	µg/L	-	-	-	<1	-	-	-	-
Dichloromethane	µg/L	-	20 ^{#19}	-	<5,400	-	-	-	-
Isopropylbenzene	µg/L	-	-	-	<1	-	-	-	-
n-butylbenzene	µg/L	-	-	-	<1	-	-	-	-
n-propylbenzene	µg/L	-	-	-	<1	-	-	-	-



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP9	B-TP10	B-TP10	B-TP12	B-TP12	B-TP12	B-TP13	B-TP14
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-20261	23-20261	23-20261	23-18900	23-18900	23-18900	23-19884	23-20263
Date		17 Aug 2023	16 Aug 2023	16 Aug 2023	02 Aug 2023	02 Aug 2023	02 Aug 2023	15 Aug 2023	16 Aug 2023
Depth		2	0.5	0.5	0.3	0.3	0.3	0.5	0.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
p-isopropyltoluene	µg/L	-	-	-	<1	-	-	-	-
sec-butylbenzene	µg/L	-	-	-	<1	-	-	-	-
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	-	<1	-	-	-	-
tert-butylbenzene	µg/L	-	-	-	<1	-	-	-	-
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	-	<1	-	-	-	-
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	-	<1	-	-	-	-
Trichlorofluoromethane	µg/L	-	-	-	<1	-	-	-	-
Vinyl chloride	µg/L	0.5 ^{#1}	-	-	<1	-	-	-	-
tert-Amyl methyl ether	µg/L	-	-	-	<5	-	<5	-	<5
VOC/SVOC									
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	-	<1	-	-	-	-
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	-	<1	-	-	-	-
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	-	<1	-	-	-	-
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	-	-	-	-	-	-
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	-	<2	-	-	-	-
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	-	<1	-	-	-	-
Chlorobenzene	µg/L	100 ^{#18}	-	-	<1	-	-	-	-
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	-	<1	-	-	-	-
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	-	-	-	-	-	-
SVOC									
1,4-dinitrobenzene	µg/L	-	-	-	<1	-	-	-	-
Benzyl alcohol	µg/L	-	-	-	<1	-	-	-	-
4-bromophenyl phenyl ether	µg/L	-	-	-	<1	-	-	-	-
4-nitroaniline	µg/L	-	-	-	<1	-	-	-	-
4-nitrophenol	µg/L	-	-	-	<1	-	-	-	-
1,3-Dinitrobenzene	µg/L	-	-	-	<1	-	-	-	-
1-Methylnaphthalene	µg/L	-	-	-	<1	-	-	-	-
2,3,4,6-tetrachlorophenol	µg/L	-	-	-	<1	-	-	-	-
2,3,5,6-Tetrachlorophenol	µg/L	-	-	-	<1	-	-	-	-
2,4,5-trichlorophenol	µg/L	-	-	-	<1	-	-	-	-
2,4,6-trichlorophenol	µg/L	-	-	-	<0.1	-	<0.1	-	<0.1
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	-	<0.1	-	<0.1	-	<0.1
2,4-dimethylphenol	µg/L	-	-	-	<0.1	-	<0.1	-	<0.1
2,4-dinitrotoluene	µg/L	-	-	-	<1	-	-	-	-
2,6-dichlorophenol	µg/L	-	-	-	<0.1	-	<0.1	-	<0.1
2,6-Dimethylphenol	µg/L	-	-	-	<0.1	-	<0.1	-	<0.1
2,6-dinitrotoluene	µg/L	-	-	-	<1	-	-	-	-
2-chloronaphthalene	µg/L	-	-	-	<1	-	-	-	-
2-chlorophenol	µg/L	-	50 ^{#20}	-	<1	-	-	-	-
2-methylnaphthalene	µg/L	-	-	-	<1	-	-	-	-
2-methylphenol	µg/L	-	-	-	<1	-	-	-	-
2-nitroaniline	µg/L	-	-	-	<1	-	-	-	-
2-nitrophenol	µg/L	-	-	-	-	-	-	-	-
3-nitroaniline	µg/L	-	-	-	<1	-	-	-	-
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	-	<0.1	-	<0.1	-	<0.1
4-chloroaniline	µg/L	-	-	-	-	-	-	-	-
4-chlorophenyl phenyl ether	µg/L	-	-	-	<1	-	-	-	-
4-methylphenol	µg/L	-	-	-	<0.1	-	<0.1	-	<0.1
Aniline	µg/L	-	-	-	<1	-	-	-	-
Azobenzene	µg/L	-	-	-	<1	-	-	-	-
Bis(2-chloroethoxy) methane	µg/L	-	-	-	<1	-	-	-	-
Bis(2-chloroethoxy) ether	µg/L	-	-	-	-	-	-	-	-
Bis(2-chloroisopropyl) ether	µg/L	-	-	-	<1	-	-	-	-
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	-	<1	-	-	-	-
Bis(2-ethylhexyl) ester	µg/L	-	-	-	-	-	-	-	-
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	-	<1	-	-	-	-
Carbazole	µg/L	-	-	-	<1	-	-	-	-
Di(2-ethylhexyl) adipate	µg/L	-	-	-	<1	-	-	-	-
Dibenzofuran	µg/L	-	-	-	<1	-	-	-	-
Diethylphthalate	µg/L	-	200 ^{#20}	-	<1	-	-	-	-
Dimethyl phthalate	µg/L	-	800 ^{#20}	-	<1	-	-	-	-
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	-	<1	-	-	-	-
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	-	<1	-	-	-	-
Diphenylamine	µg/L	-	-	-	<1	-	-	-	-
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	-	<1	-	-	-	-
Hexachlorocyclopentadiene	µg/L	-	-	-	<1	-	-	-	-
Hexachloroethane	µg/L	-	-	-	-	-	-	-	-
Isophorone	µg/L	-	-	-	-	-	-	-	-
Nitrobenzene	µg/L	-	-	-	-	-	-	-	-
N-nitrosodi-n-propylamine	µg/L	-	-	-	-	-	-	-	-



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP9	B-TP10	B-TP10	B-TP12	B-TP12	B-TP12	B-TP13	B-TP14
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-20261	23-20261	23-20261	23-18900	23-18900	23-18900	23-19884	23-20263
Date		17 Aug 2023	16 Aug 2023	16 Aug 2023	02 Aug 2023	02 Aug 2023	02 Aug 2023	15 Aug 2023	16 Aug 2023
Depth		2	0.5	0.5	0.3	0.3	0.3	0.5	0.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Pentachlorophenol	µg/L	-	0.4 ^{#19}		---	<0.02	---	<1	---
PCB									
PCB 12	µg/L	-	-		---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-		---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-		---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-		---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-		---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-		---	---	---	---	---
PCB 101	µg/L	-	-		---	---	---	---	---
PCB 118 + PCB 123	mg/L	-	-		---	---	---	---	---
PCB 138	µg/L	-	-		---	---	---	---	---
PCB 153	µg/L	-	-		---	---	---	---	---
PCB 180	µg/L	-	-		---	---	---	---	---
PCB 28 + PCB 31	µg/L	-	-		---	---	---	---	---
PCB 52	µg/L	-	-		---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-		---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-		---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-		---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-		---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-		---	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-		---	---	---	---	---
Total PCB WHO 12	µg/L	-	-		---	---	---	---	---
PCBs (Sum of total)	µg/L	-	-		---	---	---	---	---
Solvents									
Acetone	µg/L	-	-		---	---	---	---	---
PAH/Phenols									
PAHs (Sum of 4)	µg/L	-	-		---	---	---	---	---
Pesticides									
Heptachlor epoxide	µg/L	0.03 ^{#1}	-		---	<1	---	---	---
Simetryn	mg/L	-	-		---	<0.001	---	---	---
Tokuthion	µg/L	-	-		---	<1	---	---	---
Secbumeton	µg/L	-	-		---	<1	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-		---	<0.02	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-		---	<0.02	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-		---	<0.02	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}		---	<0.02	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-		---	<0.02	---	---	---
2,4-Dichlorprop	µg/L	-	-		---	<0.02	---	---	---
4,4-DDE	µg/L	-	0.00625 ^{#37}		---	<1	---	---	---
a-BHC	µg/L	-	-		---	<1	---	---	---
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}		---	<1	---	---	---
Aldrin + Dieldrin	µg/L	-	-		---	<2	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	µg/L	-	-		---	<3	---	---	---
Ametryn	µg/L	-	-		---	<1	---	---	---
Actril (loxynil)	µg/L	-	10 ^{#20}		---	<0.02	---	---	---
Atraton	µg/L	-	-		---	<1	---	---	---
Atrazine	µg/L	-	0.6 ^{#19}		---	<1	---	---	---
Azinophos methyl	µg/L	-	0.01 ^{#30}		---	<1	---	---	---
b-BHC	µg/L	-	-		---	<1	---	---	---
Benazolin	µg/L	-	-		---	<0.02	---	---	---
Bentazone	µg/L	-	500 ^{#20}		---	<0.02	---	---	---
Bolstar (Sulprofos)	µg/L	-	-		---	<1	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}		---	<0.02	---	---	---
gamma-Chlordane	µg/L	-	-		---	<1	---	---	---
Chlorpyrifos	µg/L	-	0.03 ^{#19}		---	<1	---	---	---
Clopyralid	µg/L	-	-		---	<0.02	---	---	---
Coumaphos	µg/L	-	0.03 ^{#20}		---	<1	---	---	---
d-BHC	µg/L	-	-		---	<1	---	---	---
DDT	µg/L	-	0.01 ^{#39}		---	<1	---	---	---
Demeton-O	µg/L	-	-		---	<1	---	---	---
Demeton-S	µg/L	-	-		---	<1	---	---	---
Diazinon	µg/L	-	0.01 ^{#19}		---	<1	---	---	---
Dicamba	µg/L	-	-		---	<0.02	---	---	---



Matrix Description		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG	
Location Code		B-TP9		B-TP10		B-TP10		B-TP12		B-TP12		B-TP13	
Matrix Type		Soil		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		23-20261		23-20261		23-20261		23-18900		23-18900		23-19884	
Date		17 Aug 2023		16 Aug 2023		16 Aug 2023		02 Aug 2023		02 Aug 2023		15 Aug 2023	
Depth		2		0.5		0.5		0.3		0.3		0.5	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS										
Dichlorvos	µg/L	-	0.04 ^{#20}	---	<1	---	---	---	---	---	---	---	---
Dieldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	<1	---	---	---	---	---	---	---	---
Disulfoton	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Endosulfan I	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Endosulfan II	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Endosulfan sulphate	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Endrin	µg/L	-	0.00125 ^{#38}	---	<1	---	---	---	---	---	---	---	---
Endrin aldehyde	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Endrin ketone	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Ethoprop	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Fensulfothion	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Fenthion	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	<0.02	---	---	---	---	---	---	---	---
g-BHC (Lindane)	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Heptachlor	µg/L	0.03 ^{#1}	-	---	<1	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	<0.02	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	<0.02	---	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	<0.02	---	---	---	---	---	---	---	---
Merphos	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Methoxychlor	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Methyl parathion	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Naled (Dibrom)	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Phorate	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Picloram	µg/L	-	-	---	<0.02	---	---	---	---	---	---	---	---
Prometon	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Prometryn	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Propazine	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Ronnel	µg/L	-	0.03 ^{#20}	---	<1	---	---	---	---	---	---	---	---
Simazine	µg/L	-	1 ^{#19}	---	<1	---	---	---	---	---	---	---	---
Stirophos	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Terbutryn	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Terbutylazine	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Trichloronate	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	<0.02	---	---	---	---	---	---	---	---
Field													
pH (Field)	pH_Units	6.5-9.5 ^{#1}	-	---	8.1	---	---	---	---	7.4	---	---	9.3



Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				B-TP14	B-TP15	B-TP15	B-TP16	B-TP16	B-TP17	B-TP17	B-TP18
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-20263	23-19422	23-19422	23-18900	23-18900	23-19884	23-19884	23-19888
Date				16 Aug 2023	07 Aug 2023	07 Aug 2023	03 Aug 2023	03 Aug 2023	15 Aug 2023	15 Aug 2023	14 Aug 2023
Depth				0.5	1	1	4.1	4.1	1	1	2
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	---	48	---	700	---	58	---	310
Antimony (filtered)	µg/L	5 ^{#1}	-	---	<0.17	---	0.26	---	0.61	---	0.48
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	---	2.6	---	0.5	---	4.2	---	2.3
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	50	---	67	---	86	---	110
Beryllium (filtered)	µg/L	-	-	---	<0.1	---	<0.1	---	<0.1	---	<0.1
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	130	---	<12	---	180	---	39
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	---	<0.03	---	<0.03	---	0.16	---	<0.03
Calcium (filtered)	mg/L	-	-	---	250	---	63	---	350	---	240
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	<7	---	<7	---	<7	---	<7
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	4.2	---	1.6	---	4.7	---	<0.25
Chromium (Trivalent) (filtered)	µg/L	-	-	---	4.2	---	1.6	---	4.7	---	<1
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	---	0.9	---	1.3	---	1.6	---	2.2
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	---	48	---	6.5	---	38	---	<5.5
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	---	0.16	---	1.8	---	<0.09	---	0.31
Magnesium (filtered)	mg/L	-	-	---	2.6	---	0.1	---	4.1	---	0.85
Manganese (filtered)	µg/L	50 ^{#1}	-	---	6.9	---	0.41	---	25	---	2.1
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	---	<0.01	---	0.05	---	<0.01	---	0.01
Molybdenum (filtered)	µg/L	70 ^{#3}	-	---	1.8	---	2.2	---	1.6	---	1.4
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	---	<0.5	---	<0.5	---	<0.5	---	<0.5
Potassium (filtered)	mg/L	-	-	---	9	---	11	---	17	---	23
Selenium (filtered)	µg/L	10 ^{#1}	-	---	1.5	---	1	---	1.4	---	1.6
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	---	2.2	---	3.9	---	4.9	---	3.6
Tin (filtered)	µg/L	-	10 ^{#25}	---	<0.4	---	<0.4	---	<0.4	---	<0.4
Titanium (filtered)	µg/L	-	-	---	<0.3	---	0.8	---	1	---	<0.3
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	18	---	27	---	9.4	---	33
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	---	<1.3	---	<1.3	---	2.7	---	<1.3
Inorganics											
Total Hardness	mg/l	-	-	---	625	---	158	---	881	---	613
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	0.05	---	0.05	---	0.09	---	0.11
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	0.068	0.041	0.041	0.041	0.041	0.074	0.067	0.091
Chloride	mg/L	250 ^{#1}	-	---	1.2	---	6.1	---	1.5	---	2.7
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	0.6	---	0.5	---	0.7	---	<0.1
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	60	---	14	---	45	---	1.6
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	<40	---	<40	---	<40	---	<40
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	---	0.46	---	0.76	---	4.9	---	0.71
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	---	<0.1	---	<0.1	---	<0.1	---	<0.1
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---	---
Sulphate	mg/L	250 (SO4) ^{#7}	-	---	730	---	79	---	1,100	---	<0.1
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	-	-	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	-	-	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	7.9	---	11.2	---	---	---	---
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---	---
Sulphate (Soluble) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	---	270	<0.084	<0.084	---	280	---	370
Sulphur as S (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Sulphur (free)	mg/L	-	-	---	---	---	---	---	<0.084	---	<0.084
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	14	---	31	---	<10	---	11
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	---	<20	---	<20	---	<20	---	<20
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---

[illegible]

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP14	B-TP15	B-TP15	B-TP16	B-TP16	B-TP16	B-TP17	B-TP17
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-20263	23-19422	23-19422	23-18900	23-18900	23-18900	23-19884	23-19884
Date		16 Aug 2023	07 Aug 2023	07 Aug 2023	03 Aug 2023	03 Aug 2023	03 Aug 2023	15 Aug 2023	15 Aug 2023
Depth		0.5	1	1	4.1	4.1	1	1	2
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Chrysene (filtered)	µg/L	-	-	-	-	-	-	-	-
Pyrene	µg/L	-	-	0.06	-	0.05	-	0.03	-
Pyrene (filtered)	µg/L	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	-	-	0.04	-	0.01	-	<0.01	-
Benzo(a)anthracene (filtered)	µg/L	-	-	-	-	-	-	-	0.06
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.07	-	0.02	-	0.01	-
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.03	-	<0.01	-	<0.01	-
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	-	-	-	-	0.03
Benzo(b+k)fluoranthene	µg/L	-	-	-	-	-	-	0.02	-
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	0.04	-	0.01	-	<0.01	-
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#34}	-	-	-	-	-	0.05
Dibenz(a,h)anthracene	µg/L	-	-	0.01	-	<0.01	-	<0.01	-
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	-	-	-	-	-	<0.01
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.05	-	0.01	-	<0.01	-
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	-	-	-	-	0.04
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.05	-	0.02	-	<0.01	-
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	-	-	-	-	0.04
PAH 16 Total	µg/L	-	-	0.77	-	0.3	-	<0.2	-
PAH 16 Total (filtered)	µg/L	-	-	-	-	-	-	-	0.75
Phenolics									
Total Phenols (monohydric)	µg/L	-	-	<100	-	<100	-	<100	-
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	-	-	<1	-	-	<1
Xylenols	µg/L	-	-	<0.1	-	<0.1	-	-	-
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	0.54	-	<0.1	-	<0.1	-
Phenols Monohydric	µg/L	-	-	-	-	-	-	-	<0.1
VOC									
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	-	-	-	-	-	<2
Styrene	µg/L	-	50 ^{#20}	-	-	<1	-	-	<1
cis-1,3-dichloropropene	µg/L	-	-	-	-	<1	-	-	<1
trans-1,3-dichloropropene	µg/L	-	-	-	-	<1	-	-	<1
1,1,1,2-tetrachloroethane	µg/L	-	-	-	-	<1	-	-	<1
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	-	-	<1	-	-	<1
1,1,2,2-tetrachloroethane	µg/L	-	-	-	-	<1	-	-	<1
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	-	-	<1	-	-	<1
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	-	-	<1	-	-	<1
1,1-dichloroethene	µg/L	140 ^{#14}	-	-	-	<1	-	-	<1
1,1-dichloropropene	µg/L	-	-	-	-	<1	-	-	<1
1,2,3-trichloropropane	µg/L	-	-	-	-	<1	-	-	<1
1,2,4-trimethylbenzene	µg/L	-	-	-	-	<1	-	-	<1
1,2-dibromo-3-chloropropane	µg/L	-	-	-	-	<1	-	-	<1
1,2-dibromoethane	µg/L	-	-	-	-	<1	-	-	<1
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	-	-	<1	-	-	<1
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	-	-	-	-	-	<2
1,2-dichloropropane	µg/L	-	-	-	-	<1	-	-	<1
1,3,5-trimethylbenzene	µg/L	-	-	-	-	<1	-	-	<1
1,3-dichloropropane	µg/L	-	-	-	-	<1	-	-	<1
2,2-dichloropropane	µg/L	-	-	-	-	<2	-	-	<2
Trihalomethanes	µg/L	100 ^{#1}	-	-	-	-	-	-	<7
2-chlorotoluene	µg/L	-	-	-	-	<1	-	-	<1
4-chlorotoluene	µg/L	-	-	-	-	<1	-	-	<1
Bromobenzene	µg/L	-	-	-	-	<1	-	-	<1
Bromochloromethane	µg/L	-	-	-	-	<4	-	-	<4
Bromodichloromethane	µg/L	25 ^{#15}	-	-	-	<4	-	-	<4
Bromoform	µg/L	25 ^{#15}	-	-	-	<1	-	-	<1
Bromomethane	µg/L	-	-	-	-	<1	-	-	<1
Carbon disulfide	µg/L	-	-	-	-	-	-	-	-
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	-	-	<1	-	-	<1
Chlorodibromomethane	µg/L	25 ^{#15}	-	-	-	<1	-	-	<1
Chloroethane	µg/L	-	-	-	-	<1	-	-	<1
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	-	-	<1	-	-	<1
Chloromethane	µg/L	-	-	-	-	<1	-	-	<1
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	-	-	<1	-	-	<1
Dibromomethane	µg/L	-	-	-	-	<1	-	-	<1
Dichlorodifluoromethane	µg/L	-	-	-	-	<1	-	-	<1
Dichloromethane	µg/L	-	20 ^{#19}	-	-	<2,700	-	-	<27
Isopropylbenzene	µg/L	-	-	-	-	<1	-	-	<1
n-butylbenzene	µg/L	-	-	-	-	<1	-	-	<1
n-propylbenzene	µg/L	-	-	-	-	<1	-	-	<1



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP14	B-TP15	B-TP15	B-TP16	B-TP16	B-TP16	B-TP17	B-TP18
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-20263	23-19422	23-19422	23-18900	23-18900	23-19884	23-19884	23-19888
Date		16 Aug 2023	07 Aug 2023	07 Aug 2023	03 Aug 2023	03 Aug 2023	15 Aug 2023	15 Aug 2023	14 Aug 2023
Depth		0.5	1	1	4.1	4.1	1	1	2
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
p-isopropyltoluene	µg/L	-	-	-	<1	-	-	-	<1
sec-butylbenzene	µg/L	-	-	-	<1	-	-	-	<1
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	-	<1	-	-	-	<1
tert-butylbenzene	µg/L	-	-	-	<1	-	-	-	<1
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	-	<1	-	-	-	<1
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	-	<1	-	-	-	<1
Trichlorofluoromethane	µg/L	-	-	-	<1	-	-	-	<1
Vinyl chloride	µg/L	0.5 ^{#1}	-	-	<1	-	-	-	<1
tert-Amyl methyl ether	µg/L	-	-	-	<5	-	<5	-	<5
VOC/SVOC									
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	-	<1	-	-	-	<1
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	-	<1	-	-	-	<1
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	-	<1	-	-	-	<1
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	-	-	-	-	-	-
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	-	<2	-	-	-	<2
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	-	<1	-	-	-	<1
Chlorobenzene	µg/L	100 ^{#18}	-	-	<1	-	-	-	<1
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	-	<1	-	-	-	<1
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	-	-	-	-	-	<2
SVOC									
1,4-dinitrobenzene	µg/L	-	-	-	<1	-	-	-	<1
Benzyl alcohol	µg/L	-	-	-	<1	-	-	-	<1
4-bromophenyl phenyl ether	µg/L	-	-	-	<1	-	-	-	<1
4-nitroaniline	µg/L	-	-	-	<1	-	-	-	<1
4-nitrophenol	µg/L	-	-	-	<1	-	-	-	<1
1,3-Dinitrobenzene	µg/L	-	-	-	<1	-	-	-	<1
1-Methylnaphthalene	µg/L	-	-	-	<1	-	-	-	<1
2,3,4,6-tetrachlorophenol	µg/L	-	-	-	<1	-	-	-	<1
2,3,5,6-Tetrachlorophenol	µg/L	-	-	-	<1	-	-	-	<1
2,4,5-trichlorophenol	µg/L	-	-	-	<1	-	-	-	<1
2,4,6-trichlorophenol	µg/L	-	-	-	<0.1	-	<0.1	-	<0.1
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	-	<0.1	-	<0.1	-	<0.1
2,4-dimethylphenol	µg/L	-	-	-	<0.1	-	<0.1	-	<0.1
2,4-dinitrotoluene	µg/L	-	-	-	<1	-	-	-	<1
2,6-dichlorophenol	µg/L	-	-	-	<0.1	-	<0.1	-	<0.1
2,6-Dimethylphenol	µg/L	-	-	-	-	-	<0.1	-	<0.1
2,6-dinitrotoluene	µg/L	-	-	-	<1	-	-	-	<1
2-chloronaphthalene	µg/L	-	-	-	<1	-	-	-	<1
2-chlorophenol	µg/L	-	50 ^{#20}	-	<1	-	-	-	<1
2-methylnaphthalene	µg/L	-	-	-	<1	-	-	-	<1
2-methylphenol	µg/L	-	-	-	<1	-	-	-	<1
2-nitroaniline	µg/L	-	-	-	<1	-	-	-	<1
2-nitrophenol	µg/L	-	-	-	-	-	-	-	-
3-nitroaniline	µg/L	-	-	-	<1	-	-	-	<1
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	-	<0.1	-	<0.1	-	<0.1
4-chloroaniline	µg/L	-	-	-	-	-	-	-	-
4-chlorophenyl phenyl ether	µg/L	-	-	-	<1	-	-	-	<1
4-methylphenol	µg/L	-	-	-	0.11	-	<0.1	-	<0.1
Aniline	µg/L	-	-	-	<1	-	-	-	<1
Azobenzene	µg/L	-	-	-	<1	-	-	-	<1
Bis(2-chloroethoxy) methane	µg/L	-	-	-	<1	-	-	-	<1
Bis(2-chloroethoxy) ether	µg/L	-	-	-	-	-	-	-	-
Bis(2-chloroisopropyl) ether	µg/L	-	-	-	<1	-	-	-	<1
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	-	<1	-	-	-	<1
Bis(2-ethylhexyl) ester	µg/L	-	-	-	-	-	-	-	<1
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	-	<1	-	-	-	<1
Carbazole	µg/L	-	-	-	<1	-	-	-	<1
Di(2-ethylhexyl) adipate	µg/L	-	-	-	<1	-	-	-	-
Dibenzofuran	µg/L	-	-	-	<1	-	-	-	<1
Diethylphthalate	µg/L	-	200 ^{#20}	-	<1	-	-	-	<1
Dimethyl phthalate	µg/L	-	800 ^{#20}	-	<1	-	-	-	<1
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	-	<1	-	-	-	<1
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	-	<1	-	-	-	<1
Diphenylamine	µg/L	-	-	-	<1	-	-	-	<1
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	-	<1	-	-	-	<1
Hexachlorocyclopentadiene	µg/L	-	-	-	<1	-	-	-	<1
Hexachloroethane	µg/L	-	-	-	-	-	-	-	-
Isophorone	µg/L	-	-	-	-	-	-	-	-
Nitrobenzene	µg/L	-	-	-	-	-	-	-	-
N-nitrosodi-n-propylamine	µg/L	-	-	-	-	-	-	-	-



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP14	B-TP15	B-TP15	B-TP16	B-TP16	B-TP16	B-TP17	B-TP18
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-20263	23-19422	23-19422	23-18900	23-18900	23-19884	23-19884	23-19888
Date		16 Aug 2023	07 Aug 2023	07 Aug 2023	03 Aug 2023	03 Aug 2023	15 Aug 2023	15 Aug 2023	14 Aug 2023
Depth		0.5	1	1	4.1	4.1	1	1	2
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Pentachlorophenol	µg/L	-	0.4 ^{#19}		---	---	<1	---	<1
PCB									
PCB 12	µg/L	-	-		---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-		---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-		---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-		---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-		---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-		---	---	---	---	---
PCB 101	µg/L	-	-		---	---	---	---	---
PCB 118 + PCB 123	mg/L	-	-		---	---	---	---	---
PCB 138	µg/L	-	-		---	---	---	---	---
PCB 153	µg/L	-	-		---	---	---	---	---
PCB 180	µg/L	-	-		---	---	---	---	---
PCB 28 + PCB 31	µg/L	-	-		---	---	---	---	---
PCB 52	µg/L	-	-		---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-		---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-		---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-		---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-		---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-		---	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-		---	---	---	---	---
Total PCB WHO 12	µg/L	-	-		---	---	---	---	---
PCBs (Sum of total)	µg/L	-	-		---	---	---	---	---
Solvents									
Acetone	µg/L	-	-		---	---	---	---	---
PAH/Phenols									
PAHs (Sum of 4)	µg/L	-	-		---	---	---	---	---
Pesticides									
Heptachlor epoxide	µg/L	0.03 ^{#1}	-		---	---	---	---	---
Simetryn	mg/L	-	-		---	---	---	---	---
Tokuthion	µg/L	-	-		---	---	---	---	---
Secbumeton	µg/L	-	-		---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-		---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-		---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-		---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}		---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-		---	---	---	---	---
2,4-Dichlorprop	µg/L	-	-		---	---	---	---	---
4,4-DDE	µg/L	-	0.00625 ^{#37}		---	---	---	---	---
a-BHC	µg/L	-	-		---	---	---	---	---
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}		---	---	---	---	---
Aldrin + Dieldrin	µg/L	-	-		---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	µg/L	-	-		---	---	---	---	---
Ametryn	µg/L	-	-		---	---	---	---	---
Actril (loxynil)	µg/L	-	10 ^{#20}		---	---	---	---	---
Atraton	µg/L	-	-		---	---	---	---	---
Atrazine	µg/L	-	0.6 ^{#19}		---	---	---	---	---
Azinophos methyl	µg/L	-	0.01 ^{#30}		---	---	---	---	---
b-BHC	µg/L	-	-		---	---	---	---	---
Benazolin	µg/L	-	-		---	---	---	---	---
Bentazone	µg/L	-	500 ^{#20}		---	---	---	---	---
Bolstar (Sulprofos)	µg/L	-	-		---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}		---	---	---	---	---
gamma-Chlordane	µg/L	-	-		---	---	---	---	---
Chlorpyrifos	µg/L	-	0.03 ^{#19}		---	---	---	---	---
Clopyralid	µg/L	-	-		---	---	---	---	---
Coumaphos	µg/L	-	0.03 ^{#20}		---	---	---	---	---
d-BHC	µg/L	-	-		---	---	---	---	---
DDT	µg/L	-	0.01 ^{#39}		---	---	---	---	---
Demeton-O	µg/L	-	-		---	---	---	---	---
Demeton-S	µg/L	-	-		---	---	---	---	---
Diazinon	µg/L	-	0.01 ^{#19}		---	---	---	---	---
Dicamba	µg/L	-	-		---	---	---	---	---



Matrix Description		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG	
Location Code		B-TP14		B-TP15		B-TP15		B-TP16		B-TP16		B-TP17	
Matrix Type		Soil		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		23-20263		23-19422		23-19422		23-18900		23-18900		23-19884	
Date		16 Aug 2023		07 Aug 2023		07 Aug 2023		03 Aug 2023		03 Aug 2023		15 Aug 2023	
Depth		0.5		1		1		4.1		4.1		1	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS										
Dichlorvos	µg/L	-	0.04 ^{#20}	---	---	---	---	---	---	---	---	---	---
Dieldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---	---	---	---
Disulfoton	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan I	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan II	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endrin	µg/L	-	0.00125 ^{#38}	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endrin ketone	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Ethoprop	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fensulfothion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fenthion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Heptachlor	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---	---	---	---
Merphos	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Methoxychlor	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Methyl parathion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Phorate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Picloram	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Prometon	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Prometryn	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Propazine	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Ronnel	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---	---	---	---
Simazine	µg/L	-	1 ^{#19}	---	---	---	---	---	---	---	---	---	---
Stirophos	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Terbutryn	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Terbutylazine	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Trichloronate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Field													
pH (Field)	pH_Units	6.5-9.5 ^{#1}	-	---	---	---	---	---	---	8.2	---	---	8.9



Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				B-TP18	B-TP19	B-TP19	B-TP19	B-TP19	B-TP19	B-TP20	B-TP20
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-19888	23-19629	23-19629	23-19629	23-19629	23-19614	23-19614	23-19614
Date				14 Aug 2023	10 Aug 2023	10 Aug 2023	10 Aug 2023	10 Aug 2023	09 Aug 2023	09 Aug 2023	09 Aug 2023
Depth				2	0.5	0.5	3	3	2	2	1
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	---	970	---	240	---	220	---	25
Antimony (filtered)	µg/L	5 ^{#1}	-	---	0.4	---	<0.17	---	<0.17	---	0.3
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	---	1.3	---	3	---	1.7	---	5.1
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	58	---	65	---	63	---	57
Beryllium (filtered)	µg/L	-	-	---	<0.1	---	<0.1	---	<0.1	---	<0.1
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	56	---	16	---	27	---	78
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	---	0.04	---	<0.03	---	<0.03	---	0.06
Calcium (filtered)	mg/L	-	-	---	33	---	220	---	200	---	340
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	<7	---	<7	---	<7	---	<7
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	1.3	---	0.57	---	0.37	---	0.62
Chromium (Trivalent) (filtered)	µg/L	-	-	---	1.3	---	<1	---	<1	---	<1
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	---	1	---	1.4	---	1.2	---	1.3
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	---	<5.5	---	<5.5	---	<5.5	---	<5.5
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	---	0.41	---	6.7	---	0.65	---	1.3
Magnesium (filtered)	mg/L	-	-	---	0.25	---	0.32	---	0.78	---	2.2
Manganese (filtered)	µg/L	50 ^{#1}	-	---	1.8	---	1.1	---	1.7	---	17
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	---	0.02	---	0.01	---	<0.01	---	<0.01
Molybdenum (filtered)	µg/L	70 ^{#3}	-	---	2.1	---	2.3	---	4.1	---	3.2
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	---	<0.5	---	<0.5	---	<0.5	---	<0.5
Potassium (filtered)	mg/L	-	-	---	3.2	---	22	---	15	---	18
Selenium (filtered)	µg/L	10 ^{#1}	-	---	2	---	1.3	---	0.78	---	0.72
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	---	0.97	---	2.3	---	2.7	---	5.2
Tin (filtered)	µg/L	-	10 ^{#25}	---	<0.4	---	<0.4	---	<0.4	---	<0.4
Titanium (filtered)	µg/L	-	-	---	<0.3	---	<0.3	---	<0.3	---	<0.3
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	10	---	23	---	25	---	2.3
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	---	<1.3	---	<1.3	---	1.6	---	18
Inorganics											
Total Hardness	mg/l	-	-	---	82.8	---	540	---	509	---	850
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	0.04	---	0.08	---	0.04	---	0.05
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	0.085	0.033	0.029	0.066	0.059	0.033	0.033	0.041
Chloride	mg/L	250 ^{#1}	-	---	1	---	1.6	---	1.8	---	1.8
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	<0.1	---	<0.1	---	<0.1	---	<0.1
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	2.1	---	3.4	---	0.5	---	0.6
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	<40	---	<40	---	<40	---	<40
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	---	0.92	---	0.6	---	0.24	---	0.56
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	---	<0.1	---	0.15	---	0.23	---	<0.1
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---	---
Sulphate	mg/L	250 (SO4) ^{#7}	-	---	68	---	490	---	490	---	1,000
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	-	-	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	-	-	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---	---
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---	---
Sulphate (Soluble) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	---	31	---	220	---	190	---	570
Sulphur as S (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Sulphur (free)	mg/L	-	-	---	---	---	---	---	<0.084	---	<0.084
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	<10	---	<10	---	<10	---	<10
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	---	<20	---	33	---	<20	---	<20
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG	
Location Code		B-TP18		B-TP19		B-TP19		B-TP19		B-TP20		B-TP22	
Matrix Type		Soil		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		23-19888		23-19629		23-19629		23-19629		23-19614		23-19614	
Date		14 Aug 2023		10 Aug 2023		10 Aug 2023		10 Aug 2023		09 Aug 2023		09 Aug 2023	
Depth		2		0.5		0.5		3		3		2	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS										
Ortho phosphate as PO4	mg/l	-	-	---	<0.03	---	<0.03	---	<0.03	---	<0.03	---	<0.03
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---	---	---
Silica	µg/L	-	-	---	1,600	---	2,500	---	1,900	---	1,200	---	1,200
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	480	---	120	---	260	---	480	---	480
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---	---	---	---	---
Other													
Dissolved Organic Carbon (filtered)	µg/L	-	-	---	6,700	---	7,900	---	6,100	---	9,000	---	9,000
Electrical conductivity *(lab)	µS/cm	-	-	---	---	---	---	---	---	---	---	---	---
TPH CWG													
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1
>C10-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	<1	---	<1	---	<1
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	<1	---	<1	---	<1
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	<1	---	<1	---	<1
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	<1	---	<1	---	<1
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---	---	---
>C16-C35 Aliphatics	µg/L	-	-	---	---	---	---	---	<2	---	<2	---	<2
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	<1	---	<1	---	<1
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	<1	---	<1	---	<1
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C12-C35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1
>EC10-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	<1	---	<1	---	<1
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1
>EC6-EC7 Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	<1	---	<1	---	<1
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	<1	---	<1	---	<1
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---	---	---
>EC16-EC35 Aromatics (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	<1	---	<1	---	<1
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	<1	---	<1	---	<1
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	<1	---	<1	---	<1
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	---	---	---	---	<1	---	<1	---	<1
Total Aromatics >EC5-EC35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---	---	---
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	---	---	---	---	<10	---	<10	---	<10
TPH													
EPH >C10-40	µg/L	-	-	---	---	---	---	---	31	---	46	---	46
GRO >C5-12	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	µg/L	-	-	---	<1	---	<1	---	<1	---	<1	---	<1
BTEX and MTBE													
Benzene	µg/L	1 ^{#1}	8 ^{#19}	---	<1	---	<1	---	<1	---	<1	---	<1
Toluene	µg/L	700 ^{#2}	74 ^{#19}	---	<1	---	<5	---	<5	---	<1	---	<1
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	---	<1	---	<5	---	<5	---	<1	---	<1
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	---	<2	---	<10	---	<10	---	<2	---	<2
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	---	<1	---	<5	---	<5	---	<1	---	<1
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	---	<3	---	<15	---	<15	---	<3	---	<3
MTBE	µg/L	15 ^{#10}	15 ^{#10}	---	<1	---	<10	---	<10	---	<1	---	<1
Total BTEX	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
PAH													
Naphthalene	µg/L	-	2 ^{#19}	---	0.07	---	<0.05	---	<0.05	---	<0.05	---	<0.05
Naphthalene (filtered)	µg/L	-	2 ^{#19}	---	---	---	---	---	---	---	---	---	---
Acenaphthene	µg/L	-	-	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
Acenaphthene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Acenaphthylene	µg/L	-	-	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
Acenaphthylene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fluoranthene	µg/L	-	0.0063 ^{#19}	---	0.07	---	0.01	---	<0.01	---	<0.01	---	<0.01
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#19}	---	---	---	---	---	---	---	---	---	---
Anthracene	µg/L	-	0.1 ^{#19}	---	0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
Anthracene (filtered)	µg/L	-	0.1 ^{#19}	---	---	---	---	---	---	---	---	---	---
Phenanthrene	µg/L	-	-	---	0.05	---	<0.01	---	<0.01	---	<0.01	---	<0.01
Phenanthrene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fluorene	µg/L	-	-	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
Fluorene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Chrysene	µg/L	-	-	---	0.02	---	<0.01	---	<0.01	---	<0.01	---	<0.01



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP18	B-TP19	B-TP19	B-TP19	B-TP19	B-TP19	B-TP20	B-TP22
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-19888	23-19629	23-19629	23-19629	23-19629	23-19614	23-19614	23-19614
Date		14 Aug 2023	10 Aug 2023	10 Aug 2023	10 Aug 2023	10 Aug 2023	09 Aug 2023	09 Aug 2023	09 Aug 2023
Depth		2	0.5	0.5	3	3	2	2	1
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Chrysene (filtered)	µg/L	-	-	-	---	---	---	---	---
Pyrene	µg/L	-	-	0.06	---	0.01	---	<0.01	---
Pyrene (filtered)	µg/L	-	-	---	---	---	---	---	---
Benzo(a)anthracene	µg/L	-	-	0.02	---	<0.01	---	<0.01	---
Benzo(a)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.01	---	<0.01	---	<0.01	---
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	---	<0.01	---	<0.01	---
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Benzo(b+k)fluoranthene	µg/L	-	-	0.02	---	<0.02	---	<0.02	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	<0.01	---	<0.01	---	<0.01	---
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	---	---	---	---	---
Dibenz(a,h)anthracene	µg/L	-	-	<0.01	---	<0.01	---	<0.01	---
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	---	<0.01	---	<0.01	---
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	---	<0.01	---	<0.01	---
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---
PAH 16 Total	µg/L	-	-	0.3	---	<0.2	---	<0.2	---
PAH 16 Total (filtered)	µg/L	-	-	---	---	---	---	---	---
Phenolics									
Total Phenols (monohydric)	µg/L	-	-	<100	---	<100	---	<100	---
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	<1	---	---	---	---	<1
Xylenols	µg/L	-	-	---	---	---	---	---	---
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	<0.1	---	<0.1	---	<0.1	---
Phenols Monohydric	µg/L	-	-	---	---	---	---	---	---
VOC									
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	<2	---	---	---	---	<2
Styrene	µg/L	-	50 ^{#20}	<1	---	---	---	---	<1
cis-1,3-dichloropropene	µg/L	-	-	<1	---	---	---	---	<1
trans-1,3-dichloropropene	µg/L	-	-	<1	---	---	---	---	<1
1,1,1,2-tetrachloroethane	µg/L	-	-	<1	---	---	---	---	<1
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	<1	---	---	---	---	<1
1,1,2,2-tetrachloroethane	µg/L	-	-	<1	---	---	---	---	<1
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	<1	---	---	---	---	<1
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	<1	---	---	---	---	<1
1,1-dichloroethene	µg/L	140 ^{#14}	-	<1	---	---	---	---	<1
1,1-dichloropropene	µg/L	-	-	<1	---	---	---	---	<1
1,2,3-trichloropropane	µg/L	-	-	<1	---	---	---	---	<1
1,2,4-trimethylbenzene	µg/L	-	-	<1	---	---	---	---	<1
1,2-dibromo-3-chloropropane	µg/L	-	-	<1	---	---	---	---	<1
1,2-dibromoethane	µg/L	-	-	<1	---	---	---	---	<1
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	<1	---	---	---	---	<1
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	<2	---	---	---	---	<2
1,2-dichloropropane	µg/L	-	-	<1	---	---	---	---	<1
1,3,5-trimethylbenzene	µg/L	-	-	<1	---	---	---	---	<1
1,3-dichloropropane	µg/L	-	-	<1	---	---	---	---	<1
2,2-dichloropropane	µg/L	-	-	<2	---	---	---	---	<2
Trihalomethanes	µg/L	100 ^{#1}	-	<7	---	---	---	---	<7
2-chlorotoluene	µg/L	-	-	<1	---	---	---	---	<1
4-chlorotoluene	µg/L	-	-	<1	---	---	---	---	<1
Bromobenzene	µg/L	-	-	<1	---	---	---	---	<1
Bromochloromethane	µg/L	-	-	<4	---	---	---	---	<4
Bromodichloromethane	µg/L	25 ^{#15}	-	<4	---	---	---	---	<4
Bromoform	µg/L	25 ^{#15}	-	<1	---	---	---	---	<1
Bromomethane	µg/L	-	-	<1	---	---	---	---	<1
Carbon disulfide	µg/L	-	-	---	---	---	---	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	<1	---	---	---	---	<1
Chlorodibromomethane	µg/L	25 ^{#15}	-	<1	---	---	---	---	<1
Chloroethane	µg/L	-	-	<1	---	---	---	---	<1
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	<1	---	---	---	---	<1
Chloromethane	µg/L	-	-	<1	---	---	---	---	<1
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	<1	---	---	---	---	<1
Dibromomethane	µg/L	-	-	<1	---	---	---	---	<1
Dichlorodifluoromethane	µg/L	-	-	<1	---	---	---	---	<1
Dichloromethane	µg/L	-	20 ^{#19}	<27	---	---	---	---	<27
Isopropylbenzene	µg/L	-	-	<1	---	---	---	---	<1
n-butylbenzene	µg/L	-	-	<1	---	---	---	---	<1
n-propylbenzene	µg/L	-	-	<1	---	---	---	---	<1



Matrix Description		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG	
Location Code		B-TP18		B-TP19		B-TP19		B-TP19		B-TP20		B-TP22	
Matrix Type		Soil		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		23-19888		23-19629		23-19629		23-19629		23-19614		23-19614	
Date		14 Aug 2023		10 Aug 2023		10 Aug 2023		10 Aug 2023		09 Aug 2023		09 Aug 2023	
Depth		2		0.5		0.5		3		3		2	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS										
p-isopropyltoluene	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
sec-butylbenzene	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	<1	---	---	---	---	---	---	<1	---
tert-butylbenzene	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	<1	---	---	---	---	---	---	<1	---
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	<1	---	---	---	---	---	---	<1	---
Trichlorofluoromethane	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	<1	---	---	---	---	---	---	<1	---
tert-Amyl methyl ether	µg/L	-	-	---	<5	---	<5	---	<5	---	---	<5	---
VOC/SVOC													
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1	---	---	---	---	---	---	<1	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1	---	---	---	---	---	---	<1	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1	---	---	---	---	---	---	<1	---
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<2	---	---	---	---	---	---	<2	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1	---	---	---	---	---	---	<1	---
Chlorobenzene	µg/L	100 ^{#18}	-	---	<1	---	---	---	---	---	---	<1	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	---	<1	---	---	---	---	---	---	<1	---
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	<2	---	---	---	---	---	---	<2	---
SVOC													
1,4-dinitrobenzene	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
Benzyl alcohol	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
4-bromophenyl phenyl ether	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
4-nitroaniline	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
4-nitrophenol	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
1,3-Dinitrobenzene	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
1-Methylnaphthalene	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
2,4,5-trichlorophenol	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
2,4,6-trichlorophenol	µg/L	-	-	---	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	---	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---
2,4-dimethylphenol	µg/L	-	-	---	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---
2,4-dinitrotoluene	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
2,6-dichlorophenol	µg/L	-	-	---	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---
2,6-Dimethylphenol	µg/L	-	-	---	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---
2,6-dinitrotoluene	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
2-chloronaphthalene	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
2-chlorophenol	µg/L	-	50 ^{#20}	---	<1	---	---	---	---	---	---	<1	---
2-methylnaphthalene	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
2-methylphenol	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
2-nitroaniline	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
2-nitrophenol	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	---	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---
4-chloroaniline	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
4-methylphenol	µg/L	-	-	---	<0.1	---	<0.1	---	<0.1	---	---	<0.1	---
Aniline	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
Azobenzene	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
Bis(2-chloroethoxy) methane	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
Bis(2-chloroethoxy) ether	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	<1	---	---	---	---	---	---	<1	---
Bis(2-ethylhexyl) ester	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	<1	---	---	---	---	---	---	<1	---
Carbazole	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
Di(2-ethylhexyl) adipate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Dibenzofuran	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
Diethylphthalate	µg/L	-	200 ^{#20}	---	<1	---	---	---	---	---	---	<1	---
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	<1	---	---	---	---	---	---	<1	---
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	<1	---	---	---	---	---	---	<1	---
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	<1	---	---	---	---	---	---	<1	---
Diphenylamine	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	---	<1	---	---	---	---	---	---	<1	---
Hexachlorocyclopentadiene	µg/L	-	-	---	<1	---	---	---	---	---	---	<1	---
Hexachloroethane	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Isophorone	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP18	B-TP19	B-TP19	B-TP19	B-TP19	B-TP19	B-TP20	B-TP22
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-19888	23-19629	23-19629	23-19629	23-19629	23-19614	23-19614	23-19614
Date		14 Aug 2023	10 Aug 2023	10 Aug 2023	10 Aug 2023	10 Aug 2023	09 Aug 2023	09 Aug 2023	09 Aug 2023
Depth		2	0.5	0.5	3	3	2	2	1
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Pentachlorophenol	µg/L	-	0.4 ^{#19}		---	<1	---	---	<1
PCB									
PCB 12	µg/L	-	-		---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-		---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-		---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-		---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-		---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-		---	---	---	---	---
PCB 101	µg/L	-	-		---	---	---	---	---
PCB 118 + PCB 123	mg/L	-	-		---	---	---	---	---
PCB 138	µg/L	-	-		---	---	---	---	---
PCB 153	µg/L	-	-		---	---	---	---	---
PCB 180	µg/L	-	-		---	---	---	---	---
PCB 28 + PCB 31	µg/L	-	-		---	---	---	---	---
PCB 52	µg/L	-	-		---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-		---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-		---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-		---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-		---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-		---	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-		---	---	---	---	---
Total PCB WHO 12	µg/L	-	-		---	---	---	---	---
PCBs (Sum of total)	µg/L	-	-		---	---	---	---	---
Solvents									
Acetone	µg/L	-	-		---	---	---	---	---
PAH/Phenols									
PAHs (Sum of 4)	µg/L	-	-		---	---	---	---	---
Pesticides									
Heptachlor epoxide	µg/L	0.03 ^{#1}	-		---	<1	---	---	---
Simetryn	mg/L	-	-		---	<0.001	---	---	---
Tokuthion	µg/L	-	-		---	<1	---	---	---
Secbumeton	µg/L	-	-		---	<1	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-		---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-		---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-		---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}		---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-		---	---	---	---	---
2,4-Dichlorprop	µg/L	-	-		---	---	---	---	---
4,4-DDE	µg/L	-	0.00625 ^{#37}		---	<1	---	---	---
a-BHC	µg/L	-	-		---	<1	---	---	---
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}		---	<1	---	---	---
Aldrin + Dieldrin	µg/L	-	-		---	<2	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	µg/L	-	-		---	<3	---	---	---
Ametryn	µg/L	-	-		---	<1	---	---	---
Actril (loxynil)	µg/L	-	10 ^{#20}		---	---	---	---	---
Atraton	µg/L	-	-		---	<1	---	---	---
Atrazine	µg/L	-	0.6 ^{#19}		---	<1	---	---	---
Azinophos methyl	µg/L	-	0.01 ^{#30}		---	<1	---	---	---
b-BHC	µg/L	-	-		---	<1	---	---	---
Benazolin	µg/L	-	-		---	---	---	---	---
Bentazone	µg/L	-	500 ^{#20}		---	---	---	---	---
Bolstar (Sulprofos)	µg/L	-	-		---	<1	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}		---	---	---	---	---
gamma-Chlordane	µg/L	-	-		---	<1	---	---	---
Chlorpyrifos	µg/L	-	0.03 ^{#19}		---	<1	---	---	---
Clopyralid	µg/L	-	-		---	---	---	---	---
Coumaphos	µg/L	-	0.03 ^{#20}		---	<1	---	---	---
d-BHC	µg/L	-	-		---	<1	---	---	---
DDT	µg/L	-	0.01 ^{#39}		---	<1	---	---	---
Demeton-O	µg/L	-	-		---	<1	---	---	---
Demeton-S	µg/L	-	-		---	<1	---	---	---
Diazinon	µg/L	-	0.01 ^{#19}		---	<1	---	---	---
Dicamba	µg/L	-	-		---	---	---	---	---



Matrix Description		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG	
Location Code		B-TP18		B-TP19		B-TP19		B-TP19		B-TP20		B-TP20	
Matrix Type		Soil		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		23-19888		23-19629		23-19629		23-19629		23-19614		23-19614	
Date		14 Aug 2023		10 Aug 2023		10 Aug 2023		10 Aug 2023		09 Aug 2023		09 Aug 2023	
Depth		2		0.5		0.5		3		3		2	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS										
Dichlorvos	µg/L	-	0.04 ^{#20}	---	<1	---	---	---	---	---	---	---	---
Dieldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	<1	---	---	---	---	---	---	---	---
Disulfoton	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Endosulfan I	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Endosulfan II	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Endosulfan sulphate	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Endrin	µg/L	-	0.00125 ^{#38}	---	<1	---	---	---	---	---	---	---	---
Endrin aldehyde	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Endrin ketone	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Ethoprop	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Fensulfothion	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Fenthion	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Heptachlor	µg/L	0.03 ^{#1}	-	---	<1	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---	---	---	---
Merphos	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Methoxychlor	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Methyl parathion	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Naled (Dibrom)	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Phorate	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Picloram	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Prometon	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Prometryn	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Propazine	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Ronnel	µg/L	-	0.03 ^{#20}	---	<1	---	---	---	---	---	---	---	---
Simazine	µg/L	-	1 ^{#19}	---	<1	---	---	---	---	---	---	---	---
Stirophos	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Terbutryn	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Terbutylazine	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Trichloronate	µg/L	-	-	---	<1	---	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Field													
pH (Field)	pH_Units	6.5-9.5 ^{#1}	-	---	9	---	9.2	---	7.1	---	6.3		



Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				B-TP22	B-TP23	B-TP23	FOU_AUK_TP109	FOU_AUK_TP119	FOU_AUK_TP120	FOU_AUK_TP122	FOU_AUK_TP123
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-19614	23-19629	23-19629	704765	704765	704949	704949	704949
Date				09 Aug 2023	10 Aug 2023	10 Aug 2023	30 Aug 2023	30 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023
Depth				1	0.3	0.3	1	1	0.5	1	1.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	---	270	---	476	464	312	175	223
Antimony (filtered)	µg/L	5 ^{#1}	-	---	0.31	---	---	---	---	---	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	---	1.3	---	<0.5	<0.5	3.58	<0.5	3.13
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	62	---	190	45.1	48.8	641	52.3
Beryllium (filtered)	µg/L	-	-	---	<0.1	---	---	---	---	---	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	170	---	<10	56.7	105	11.7	250
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	---	<0.03	---	<0.08	<0.08	<0.08	<0.08	<0.08
Calcium (filtered)	mg/L	-	-	---	180	---	161	180	307	197	312
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	<7	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	55.2	<30	<30	98	<30
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	1.2	---	49.7	<1	<1	73.9	7.16
Chromium (Trivalent) (filtered)	µg/L	-	-	---	1.2	---	---	---	---	---	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	---	1.5	---	1.37	0.304	<0.3	<0.3	<0.3
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	<50	<50	<50	<50	<50
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	<100	<100	<100	<100	<100
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	---	15	---	<19	<19	<19	<19	<19
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	---	7.1	---	0.244	<0.2	<0.2	2.45	<0.2
Magnesium (filtered)	mg/L	-	-	---	1.7	---	0.613	1.15	0.814	0.588	0.241
Manganese (filtered)	µg/L	50 ^{#1}	-	---	3.2	---	<3	<3	<3	<3	<3
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	---	0.01	---	<0.01	<0.01	<0.01	<0.01	<0.01
Molybdenum (filtered)	µg/L	70 ^{#3}	-	---	<1.1	---	3.32	<3	<3	3.15	7.01
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	---	<0.5	---	<0.4	<0.4	0.494	<0.4	0.419
Potassium (filtered)	mg/L	-	-	---	13	---	1.91	10.2	17.2	6.06	13.6
Selenium (filtered)	µg/L	10 ^{#1}	-	---	1.2	---	<1	1.24	<1	<1	1.7
Silicon (filtered)	µg/L	-	-	---	---	---	3,260	4,370	2,690	729	7,790
Sodium (filtered)	mg/L	200 ^{#1}	-	---	1.3	---	1.66	2.55	2.89	2.11	11.9
Tin (filtered)	µg/L	-	10 ^{#25}	---	<0.4	---	---	---	---	---	---
Titanium (filtered)	µg/L	-	-	---	<0.3	---	---	---	---	---	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	13	---	---	---	---	---	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	---	4.1	---	1.36	1.38	<1	1.98	<1
Inorganics											
Total Hardness	mg/l	-	-	---	460	---	---	---	---	---	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	0.05	---	---	---	---	---	---
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	0.038	0.041	0.037	<0.2	<0.2	<0.2	<0.2	<0.2
Chloride	mg/L	250 ^{#1}	-	---	0.9	---	---	---	---	---	---
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	2.7	8.4	5.2	7.9	6.7
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	226	<200	<200	876	<200
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	0.3	---	---	---	---	---	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	<2.5	<2.5	<2.5	<2.5	<2.5
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	28	---	---	---	---	---	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	<5	<5	<5	<5	<5
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	<40	---	---	---	---	---	---
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	<5	<5	<5	<5	<5
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	---	0.63	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	---	---	---	0.369	<0.3	<0.3	2.56	<0.3
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	---	0.18	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	0.073	<0.05	<0.05	0.497	0.137
Sulphate	mg/L	250 (SO4) ^{#7}	-	---	430	---	---	---	---	---	---
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	---	---	---	35.1	721	489	16.3	532
Sulphate (2:1 Water Soluble) as SO4	mg/L	-	-	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	-	-	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	11.9	10.1	9.76	12.2	10.6
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	11.9	10.1	9.77	12.2	10.6
Sulphate (Soluble) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	---	190	---	---	---	---	---	---
Sulphur as S (filtered)	mg/L	-	-	---	---	---	11.9	233	<1	5.67	171
Sulphur (free)	mg/L	-	-	---	---	---	---	---	---	---	---
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	<10	---	---	---	---	---	---
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	<10	40.4	<10	<10	<10
Thiocyanate (as SCN)	µg/L	-	-	---	35	---	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	<50	<50	<50	<50	<50

Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	
Location Code				B-TP22	B-TP23	B-TP23	FOU_AUK_TP109	FOU_AUK_TP119	FOU_AUK_TP120	FOU_AUK_TP122	FOU_AUK_TP123
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-19614	23-19629	23-19629	704765	704765	704949	704949	704949
Date				09 Aug 2023	10 Aug 2023	10 Aug 2023	30 Aug 2023	30 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023
Depth				1	0.3	0.3	1	1	0.5	1	1.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Ortho phosphate as PO4	mg/l	-	-	---	<0.03	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	---	<0.05	<0.05	<0.05	<0.05	<0.05
Silica	µg/L	-	-	---	2,100	---	---	---	---	---	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	1,100	---	---	---	---	---	---
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	1,220	<500	840	1,400	634
Other											
Dissolved Organic Carbon (filtered)	µg/L	-	-	---	9,300	---	---	---	---	---	---
Electrical conductivity *(lab)	µS/cm	-	-	---	---	---	1,410	1,200	868	2,730	1,040
TPH CWG											
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	---	<0.1	---	<10	<10	<10	<10	<10
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	---	<0.1	---	<10	<10	<10	<10	<10
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	---	<0.1	---	<10	<10	<10	<10	<10
>C10-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	---	---	---	<10	<10	<10	<10	<10
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	<10	<10	<10	<10	<10
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	<10	<10	<10	<10	<10
>C16-C35 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	<10	<10	<10	<10	<10
>C35-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aliphatics >C12-C35 (filtered)	µg/L	-	-	---	---	---	<10	<10	<10	<10	<10
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	<0.1	---	---	---	---	---	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	---	<0.1	---	<10	<10	<10	<10	<10
>EC10-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	---	<0.1	---	<10	<10	<10	<10	<10
>EC6-EC7 Aromatics	µg/L	-	-	---	---	---	<10	<10	<10	<10	<10
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	---	---	---	<10	<10	<10	<10	<10
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	<10	<10	<10	<10	<10
>EC16-EC35 Aromatics (filtered)	µg/L	-	-	---	---	---	<10	<10	<10	<10	<10
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	<10	<10	<10	<10	<10
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	<10	<10	<10	<10	<10
>EC35-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	-	---	---	---	<10	<10	<10	<10	<10
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	---	---	<10	<10	<10	<10	<10
TPH											
EPH >C10-40	µg/L	-	-	---	---	---	---	---	---	---	---
GRO >C5-12	µg/L	-	-	---	---	---	<50	<50	<50	<50	<50
GRO C5-C10	µg/L	-	-	---	<1	---	---	---	---	---	---
BTEx and MTBE											
Benzene	µg/L	1 ^{#1}	8 ^{#19}	---	<1	---	<1	<1	<10	<1	<10
Toluene	µg/L	700 ^{#2}	74 ^{#19}	---	<1	---	<1	<1	<10	<1	<10
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	---	<1	---	<1	<1	<10	<1	<10
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	---	<2	---	<1	<1	<10	<1	<10
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	---	<1	---	<1	<1	<10	<1	<10
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	---	<3	---	<2	<2	<20	<2	<20
MTBE	µg/L	15 ^{#10}	15 ^{#10}	---	<1	---	<1	<1	<10	<1	<10
Total BTEx	µg/L	-	-	---	---	---	<5	<5	<50	<5	<50
PAH											
Naphthalene	µg/L	-	2 ^{#19}	---	<0.05	---	<1	<1	<1	<1	<1
Naphthalene (filtered)	µg/L	-	2 ^{#19}	---	---	---	0.025	0.0161	0.0262	0.0629	0.185
Acenaphthene	µg/L	-	-	---	<0.01	---	<1	<2	<1	<2	<1
Acenaphthene (filtered)	µg/L	-	-	---	---	---	<0.005	<0.005	0.688	0.0077	0.0807
Acenaphthylene	µg/L	-	-	---	<0.01	---	<1	<2	<1	<2	<1
Acenaphthylene (filtered)	µg/L	-	-	---	---	---	<0.005	<0.005	<0.005	<0.005	0.0123
Fluoranthene	µg/L	-	0.0063 ^{#19}	---	0.04	---	<1	<2	<1	<2	<1
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#19}	---	---	---	0.031	0.00762	0.352	0.211	0.28
Anthracene	µg/L	-	0.1 ^{#19}	---	<0.01	---	<1	<2	<1	<2	<1
Anthracene (filtered)	µg/L	-	0.1 ^{#19}	---	---	---	<0.005	<0.005	0.072	0.0124	<0.005
Phenanthrene	µg/L	-	-	---	0.02	---	<1	<2	1.01	<2	<1
Phenanthrene (filtered)	µg/L	-	-	---	---	---	0.0511	0.0222	0.897	0.342	0.447
Fluorene	µg/L	-	-	---	<0.01	---	<1	<2	<1	<2	<1
Fluorene (filtered)	µg/L	-	-	---	---	---	<0.005	<0.005	0.172	0.0066	0.0525
Chrysene	µg/L	-	-	---	0.02	---	<1	<2	<1	<2	<1

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP22	B-TP23	B-TP23	FOU_AUK_TP109	FOU_AUK_TP119	FOU_AUK_TP120	FOU_AUK_TP122	FOU_AUK_TP123	MG-SLAG
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	MG-SLAG
Lab Report Number		23-19614	23-19629	23-19629	704765	704765	704949	704949	704949	MG-SLAG
Date		09 Aug 2023	10 Aug 2023	10 Aug 2023	30 Aug 2023	30 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	MG-SLAG
Depth		1	0.3	0.3	1	1	0.5	1	1.5	MG-SLAG
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Chrysene (filtered)	µg/L	-	-	-	<0.005	<0.005	0.011	0.0108	0.0142	
Pyrene	µg/L	-	-	0.03	<1	<2	<1	<2	<1	
Pyrene (filtered)	µg/L	-	-	-	0.0216	0.00537	0.273	0.136	0.257	
Benzo(a)anthracene	µg/L	-	-	0.01	<1	<2	<1	<2	<1	
Benzo(a)anthracene (filtered)	µg/L	-	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.02	<1	<2	<1	<2	<1	
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	<0.005	<0.005	<0.005	<0.005	<0.005	
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	<1	<2	<1	<2	<1	
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	<0.005	<0.005	<0.005	<0.005	<0.005	
Benzo(b+k)fluoranthene	µg/L	-	-	0.03	-	-	-	-	-	
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	0.02	<1	<2	<1	<2	<1	
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#34}	-	<0.002	<0.002	<0.002	<0.002	<0.002	
Dibenz(a,h)anthracene	µg/L	-	-	<0.01	<1	<2	<1	<2	<1	
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.01	<1	<2	<1	<2	<1	
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	<0.005	<0.005	<0.005	<0.005	<0.005	
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	<1	<2	<1	<2	<1	
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	-	<0.005	<0.005	<0.005	<0.005	<0.005	
PAH 16 Total	µg/L	-	-	<0.2	-	-	-	-	-	
PAH 16 Total (filtered)	µg/L	-	-	-	0.129	<0.082	2.49	0.789	1.33	
Phenolics										
Total Phenols (monohydric)	µg/L	-	-	<100	-	-	-	-	-	
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	<1	-	-	-	-	-	
Xylenols	µg/L	-	-	-	-	-	-	-	-	
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	<0.1	<1	<2	<1	<2	<1	
Phenols Monohydric	µg/L	-	-	-	-	-	-	-	-	
VOC										
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	<2	-	-	-	-	-	
Styrene	µg/L	-	50 ^{#20}	<1	<1	<1	<10	<1	<10	
cis-1,3-dichloropropene	µg/L	-	-	<1	<1	<1	<10	<1	<10	
trans-1,3-dichloropropene	µg/L	-	-	<1	<1	<1	<10	<1	<10	
1,1,1,2-tetrachloroethane	µg/L	-	-	<1	<1	<1	<10	<1	<10	
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	<1	<1	<1	<10	<1	<10	
1,1,2,2-tetrachloroethane	µg/L	-	-	<1	<1	<1	<10	<1	<10	
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	<1	<1	<1	<10	<1	<10	
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	<1	<1	<1	<10	<1	<10	
1,1-dichloroethene	µg/L	140 ^{#14}	-	<1	<1	<1	<10	<1	<10	
1,1-dichloropropene	µg/L	-	-	<1	<1	<1	<10	<1	<10	
1,2,3-trichloropropane	µg/L	-	-	<1	<1	<1	<10	<1	<10	
1,2,4-trimethylbenzene	µg/L	-	-	<1	<1	<1	<10	<1	<10	
1,2-dibromo-3-chloropropane	µg/L	-	-	<1	<1	<1	<10	<1	<10	
1,2-dibromoethane	µg/L	-	-	<1	<1	<1	<10	<1	<10	
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	<1	<1	<1	<10	<1	<10	
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	<2	-	-	-	-	-	
1,2-dichloropropane	µg/L	-	-	<1	<1	<1	<10	<1	<10	
1,3,5-trimethylbenzene	µg/L	-	-	<1	<1	<1	<10	<1	<10	
1,3-dichloropropane	µg/L	-	-	<1	<1	<1	<10	<1	<10	
2,2-dichloropropane	µg/L	-	-	<2	<1	<1	<10	<1	<10	
Trihalomethanes	µg/L	100 ^{#1}	-	<7	-	-	-	-	-	
2-chlorotoluene	µg/L	-	-	<1	<1	<1	<10	<1	<10	
4-chlorotoluene	µg/L	-	-	<1	<1	<1	<10	<1	<10	
Bromobenzene	µg/L	-	-	<1	<1	<1	<10	<1	<10	
Bromochloromethane	µg/L	-	-	<4	<1	<1	<10	<1	<10	
Bromodichloromethane	µg/L	25 ^{#15}	-	<4	<1	8.89	<10	<1	<10	
Bromoform	µg/L	25 ^{#15}	-	<1	<1	<1	<10	<1	<10	
Bromomethane	µg/L	-	-	<1	<1	<1	<10	<1	<10	
Carbon disulfide	µg/L	-	-	-	<1	<1	<10	<1	<10	
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	<1	<1	<1	<10	<1	<10	
Chlorodibromomethane	µg/L	25 ^{#15}	-	<1	<1	2.59	<10	<1	<10	
Chloroethane	µg/L	-	-	<1	<1	<1	<10	<1	<10	
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	<1	1.48	17.3	<10	<1	<10	
Chloromethane	µg/L	-	-	<1	<1	<1	<10	<1	<10	
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	<1	<1	<1	<10	<1	<10	
Dibromomethane	µg/L	-	-	<1	<1	<1	<10	<1	<10	
Dichlorodifluoromethane	µg/L	-	-	<1	<1	<1	<10	<1	<10	
Dichloromethane	µg/L	-	20 ^{#19}	<27	<3	<3	<30	<3	<30	
Isopropylbenzene	µg/L	-	-	<1	<1	<1	<10	<1	<10	
n-butylbenzene	µg/L	-	-	<1	<1	<1	<10	<1	<10	
n-propylbenzene	µg/L	-	-	<1	<1	<1	<10	<1	<10	



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP22	B-TP23	B-TP23	FOU_AUK_TP109	FOU_AUK_TP119	FOU_AUK_TP120	FOU_AUK_TP122	FOU_AUK_TP123	MG-SLAG
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	MG-SLAG
Lab Report Number		23-19614	23-19629	23-19629	704765	704765	704949	704949	704949	MG-SLAG
Date		09 Aug 2023	10 Aug 2023	10 Aug 2023	30 Aug 2023	30 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	MG-SLAG
Depth		1	0.3	0.3	1	1	0.5	1	1.5	MG-SLAG
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
p-isopropyltoluene	µg/L	-	-	---	<1	<1	<10	<1	<10	
sec-butylbenzene	µg/L	-	-	---	<1	<1	<10	<1	<10	
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	<1	<1	<10	<1	<10	
tert-butylbenzene	µg/L	-	-	---	<1	<1	<10	<1	<10	
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	<1	<1	<10	<1	<10	
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	<1	<1	<10	<1	<10	
Trichlorofluoromethane	µg/L	-	-	---	<1	<1	<10	<1	<10	
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	<1	<1	<10	<1	<10	
tert-Amyl methyl ether	µg/L	-	-	---	<5	<1	<10	<1	<10	
VOC/SVOC										
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1	<1	<10	<1	<10	
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1	<1	<1	<1	<1	
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1	<1	<1	<1	<1	
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	<1	<10	<1	<10	
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<2	<1	<1	<1	<1	
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1	<1	<1	<1	<1	
Chlorobenzene	µg/L	100 ^{#18}	-	---	<1	<1	<10	<1	<10	
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	---	<1	<1	<1	<1	<1	
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	<2	---	---	---	---	
SVOC										
1,4-dinitrobenzene	µg/L	-	-	---	<1	---	---	---	---	
Benzyl alcohol	µg/L	-	-	---	<1	---	---	---	---	
4-bromophenyl phenyl ether	µg/L	-	-	---	<1	<2	<1	<2	<1	
4-nitroaniline	µg/L	-	-	---	<1	<2	<1	<2	<1	
4-nitrophenol	µg/L	-	-	---	<1	<2	<1	<2	<1	
1,3-Dinitrobenzene	µg/L	-	-	---	<1	---	---	---	---	
1-Methylnaphthalene	µg/L	-	-	---	<1	---	---	---	---	
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	<1	---	---	---	---	
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	<1	---	---	---	---	
2,4,5-trichlorophenol	µg/L	-	-	---	<1	<2	<1	<2	<1	
2,4,6-trichlorophenol	µg/L	-	-	---	<0.1	<2	<1	<2	<1	
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	---	<0.1	<2	<1	<2	<1	
2,4-dimethylphenol	µg/L	-	-	---	<0.1	<2	<1	<2	<1	
2,4-dinitrotoluene	µg/L	-	-	---	<1	<2	<1	<2	<1	
2,6-dichlorophenol	µg/L	-	-	---	<0.1	---	---	---	---	
2,6-Dimethylphenol	µg/L	-	-	---	<0.1	---	---	---	---	
2,6-dinitrotoluene	µg/L	-	-	---	<1	<2	<1	<2	<1	
2-chloronaphthalene	µg/L	-	-	---	<1	<2	<1	<2	<1	
2-chlorophenol	µg/L	-	50 ^{#20}	---	<1	<2	<1	<2	<1	
2-methylnaphthalene	µg/L	-	-	---	<1	<2	<1	<2	<1	
2-methylphenol	µg/L	-	-	---	<1	<2	<1	<2	<1	
2-nitroaniline	µg/L	-	-	---	<1	<2	<1	<2	<1	
2-nitrophenol	µg/L	-	-	---	---	<2	<1	<2	<1	
3-nitroaniline	µg/L	-	-	---	<1	<2	<1	<2	<1	
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	---	<0.1	<2	<1	<2	<1	
4-chloroaniline	µg/L	-	-	---	---	<2	<1	<2	<1	
4-chlorophenyl phenyl ether	µg/L	-	-	---	<1	<2	<1	<2	<1	
4-methylphenol	µg/L	-	-	---	<0.1	<2	<1	<2	<1	
Aniline	µg/L	-	-	---	<1	---	---	---	---	
Azobenzene	µg/L	-	-	---	<1	<2	<1	<2	<1	
Bis(2-chloroethoxy) methane	µg/L	-	-	---	<1	<2	<1	<2	<1	
Bis(2-chloroethoxy) ether	µg/L	-	-	---	---	<2	<1	<2	<1	
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	<1	---	---	---	---	
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	<1	<4	<2	<4	<2	
Bis(2-ethylhexyl) ester	µg/L	-	-	---	<1	---	---	---	---	
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	<1	<2	<1	<2	<1	
Carbazole	µg/L	-	-	---	<1	<2	<1	<2	<1	
Di(2-ethylhexyl) adipate	µg/L	-	-	---	---	---	---	---	---	
Dibenzofuran	µg/L	-	-	---	<1	<2	<1	<2	<1	
Diethylphthalate	µg/L	-	200 ^{#20}	---	<1	<2	<2	<2	<2	
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	<1	<2	<1	<2	<1	
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	<1	<2	<1	<2	<1	
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	<1	<5	<10	<5	<10	
Diphenylamine	µg/L	-	-	---	<1	---	---	---	---	
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	---	<1	<2	<1	<2	<1	
Hexachlorocyclopentadiene	µg/L	-	-	---	<1	<2	<1	<2	<1	
Hexachloroethane	µg/L	-	-	---	<1	<2	<1	<2	<1	
Isophorone	µg/L	-	-	---	<1	<2	<1	<2	<1	
Nitrobenzene	µg/L	-	-	---	<1	<2	<1	<2	<1	
N-nitrosodi-n-propylamine	µg/L	-	-	---	<1	<2	<1	<2	<1	



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		B-TP22	B-TP23	B-TP23	FOU_AUK_TP109	FOU_AUK_TP119	FOU_AUK_TP120	FOU_AUK_TP122	FOU_AUK_TP123	FOU_AUK_TP123
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-19614	23-19629	23-19629	704765	704765	704949	704949	704949	704949
Date		09 Aug 2023	10 Aug 2023	10 Aug 2023	30 Aug 2023	30 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023
Depth		1	0.3	0.3	1	1	0.5	1	1.5	1.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Pentachlorophenol	µg/L	-	0.4 ^{#19}		---	<1	---	<1	<2	<1
PCB										
PCB 12	µg/L	-	-		---	---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-		---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-		---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-		---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-		---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-		---	---	---	---	---	---
PCB 101	µg/L	-	-		---	---	---	---	---	---
PCB 118 + PCB 123	mg/L	-	-		---	---	---	---	---	---
PCB 138	µg/L	-	-		---	---	---	---	---	---
PCB 153	µg/L	-	-		---	---	---	---	---	---
PCB 180	µg/L	-	-		---	---	---	---	---	---
PCB 28 + PCB 31	µg/L	-	-		---	---	---	---	---	---
PCB 52	µg/L	-	-		---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-		---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-		---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-		---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-		---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-		---	---	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-		---	---	---	---	---	---
Total PCB WHO 12	µg/L	-	-		---	---	---	---	---	---
PCBs (Sum of total)	µg/L	-	-		---	---	---	---	---	---
Solvents										
Acetone	µg/L	-	-		---	---	---	---	---	---
PAH/Phenols										
PAHs (Sum of 4)	µg/L	-	-		---	---	---	---	---	---
Pesticides										
Heptachlor epoxide	µg/L	0.03 ^{#1}	-		---	---	---	---	---	---
Simetryn	mg/L	-	-		---	---	---	---	---	---
Tokuthion	µg/L	-	-		---	---	---	---	---	---
Secbumeton	µg/L	-	-		---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-		---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-		---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-		---	---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}		---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-		---	---	---	---	---	---
2,4-Dichlorprop	µg/L	-	-		---	---	---	---	---	---
4,4-DDE	µg/L	-	0.00625 ^{#37}		---	---	---	---	---	---
a-BHC	µg/L	-	-		---	---	---	---	---	---
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}		---	---	---	---	---	---
Aldrin + Dieldrin	µg/L	-	-		---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	µg/L	-	-		---	---	---	---	---	---
Ametryn	µg/L	-	-		---	---	---	---	---	---
Actril (loxynil)	µg/L	-	10 ^{#20}		---	---	---	---	---	---
Atraton	µg/L	-	-		---	---	---	---	---	---
Atrazine	µg/L	-	0.6 ^{#19}		---	---	---	---	---	---
Azinophos methyl	µg/L	-	0.01 ^{#30}		---	---	---	---	---	---
b-BHC	µg/L	-	-		---	---	---	---	---	---
Benazolin	µg/L	-	-		---	---	---	---	---	---
Bentazone	µg/L	-	500 ^{#20}		---	---	---	---	---	---
Bolstar (Sulprofos)	µg/L	-	-		---	---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}		---	---	---	---	---	---
gamma-Chlordane	µg/L	-	-		---	---	---	---	---	---
Chlorpyrifos	µg/L	-	0.03 ^{#19}		---	---	---	---	---	---
Clopyralid	µg/L	-	-		---	---	---	---	---	---
Coumaphos	µg/L	-	0.03 ^{#20}		---	---	---	---	---	---
d-BHC	µg/L	-	-		---	---	---	---	---	---
DDT	µg/L	-	0.01 ^{#39}		---	---	---	---	---	---
Demeton-O	µg/L	-	-		---	---	---	---	---	---
Demeton-S	µg/L	-	-		---	---	---	---	---	---
Diazinon	µg/L	-	0.01 ^{#19}		---	---	---	---	---	---
Dicamba	µg/L	-	-		---	---	---	---	---	---



Matrix Description		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG	
Location Code		B-TP22		B-TP23		B-TP23		FOU_AUK_TP109		FOU_AUK_TP119		FOU_AUK_TP120	
Matrix Type		Soil		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		23-19614		23-19629		23-19629		704765		704765		704949	
Date		09 Aug 2023		10 Aug 2023		10 Aug 2023		30 Aug 2023		30 Aug 2023		31 Aug 2023	
Depth		1		0.3		0.3		1		1		0.5	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS										
Dichlorvos	µg/L	-	0.04 ^{#20}	---	---	---	---	---	---	---	---	---	---
Dieldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---	---	---	---
Disulfoton	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan I	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan II	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endrin	µg/L	-	0.00125 ^{#38}	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endrin ketone	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Ethoprop	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fensulfothion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fenthion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Heptachlor	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---	---	---	---
Merphos	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Methoxychlor	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Methyl parathion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Phorate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Picloram	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Prometon	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Prometryn	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Propazine	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Ronnel	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---	---	---	---
Simazine	µg/L	-	1 ^{#19}	---	---	---	---	---	---	---	---	---	---
Stirophos	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Terbutryn	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Terbutylazine	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Trichloronate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Field													
pH (Field)	pH_Units	6.5-9.5 ^{#1}	-	---	8	---	---	---	---	---	---	---	---



Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				FOU_AUK_TP136	FOU_AUK_TP137	FOU_AUK_TP138	FOU_AUK_TP139	FOU_AUK_TP140	FOU_AUK_TP144	FOU_AUK_TP145	FOU_AUK_TP145
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				704774	704774	705778	705777	705777	704774	705778	705778
Date				07 Sep 2023	07 Sep 2023	06 Sep 2023	05 Sep 2023	05 Sep 2023	07 Sep 2023	06 Sep 2023	06 Sep 2023
Depth				0.5	2.5	1.5	1	1	4.4	3	3
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	444	624	52	74.6	854	218	256	---
Antimony (filtered)	µg/L	5 ^{#1}	-	---	---	---	---	---	---	---	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	<0.5	<0.5	<0.5	<0.5	3	103	1.69	---
Barium (filtered)	µg/L	1,300 ^{#2}	-	306	1,090	962	477	28	653	45.2	---
Beryllium (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	50.8	<10	15	15	159	516	50	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	<0.08	<0.08	<0.08	<0.08	<0.08	0.363	<0.08	---
Calcium (filtered)	mg/L	-	-	133	296	842	316	52.8	40.9	42.6	---
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	43	64.5	59.2	71.2	<30	<30	<30	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	34.3	54.8	53.8	66.7	12.6	3.05	2.01	---
Chromium (Trivalent) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	<0.3	1.8	0.871	1.09	2.65	23.4	0.984	---
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	<50	<50	<50	<50	<50	246	<50	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	<100	<100	<100	<100	<100	302	<100	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	<19	<19	<19	<19	357	548	<19	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	2.71	8.72	6.86	1.86	0.37	98.6	<0.2	---
Magnesium (filtered)	mg/L	-	-	0.562	0.0414	0.438	0.553	0.246	2.26	0.172	---
Manganese (filtered)	µg/L	50 ^{#1}	-	<3	<3	<3	<3	3.13	9.37	<3	---
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	<0.01	<0.01	<0.01	<0.01	<0.01	0.0592	<0.01	---
Molybdenum (filtered)	µg/L	70 ^{#3}	-	<3	<3	<3	5.81	5.51	137	13.7	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	<0.4	<0.4	<0.4	1.32	2.93	11.7	0.541	---
Potassium (filtered)	mg/L	-	-	1.29	3.57	0.313	2.32	6.14	11.6	1.87	---
Selenium (filtered)	µg/L	10 ^{#1}	-	<1	<1	<1	<1	2	1.55	<1	---
Silicon (filtered)	µg/L	-	-	1,950	521	<50	434	7,050	4,370	9,930	---
Sodium (filtered)	mg/L	200 ^{#1}	-	1.46	2.31	1.05	1.23	2.44	55.5	1.86	---
Tin (filtered)	µg/L	-	10 ^{#25}	---	---	---	---	---	---	---	---
Titanium (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	---	---	---	---	---	---	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	2.11	3	12.3	3.13	2.76	106	2.56	---
Inorganics											
Total Hardness	mg/l	-	-	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	---	---	---	---	---	---	---
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	<0.2	0.247	0.333	---	<0.2	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	<0.2	<0.2	<0.2	<0.2	<0.2	1.87	<0.2	---
Chloride	mg/L	250 ^{#1}	-	---	---	---	---	---	---	---	---
Chloride (filtered)	mg/L	250 ^{#1}	-	4	5.3	4.1	3	<2	43.9	10.6	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	425	399	---	---	---	1,990	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	<5	<5	<5	<5	9.92	<5	<5	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	<5	<5	<5	<5	9.92	<5	<5	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	0.938	0.517	<0.3	0.451	0.892	<0.3	<0.3	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	0.486	0.673	0.124	0.25	0.05	0.179	0.051	---
Sulphate	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---	---	---
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	12.6	2.6	<2	19.4	91.9	154	36.7	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	-	-	---	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	-	-	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	12.1	12.4	12.7	12.3	10.4	10	10.7	---
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	12.1	12.4	12.7	12.3	10.4	10	10.8	---
Sulphate (Soluble) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	---	---	---	---	---	---	---	---
Sulphur as S (filtered)	mg/L	-	-	4.41	2.15	1.6	8.99	33.8	67.9	19.9	---
Sulphur (free)	mg/L	-	-	---	---	---	---	---	---	---	---
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---	---
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	<10	<10	<10	<10	<10	22.7	<10	---
Thiocyanate (as SCN)	µg/L	-	-	---	---	---	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	µg/L	-	-	<50	<50	<50	<50	<50	<50	<50	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth				MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG			
				FOU_AUK_TP136		FOU_AUK_TP137		FOU_AUK_TP138		FOU_AUK_TP139		FOU_AUK_TP140		FOU_AUK_TP144		FOU_AUK_TP145	
				Soil		Soil		Soil		Soil		Soil		Soil		Soil	
				704774		704774		705778		705777		705777		704774		705778	
				07 Sep 2023		07 Sep 2023		06 Sep 2023		05 Sep 2023		05 Sep 2023		07 Sep 2023		06 Sep 2023	
0.5		2.5		1.5		1		1		4.4		3		3			
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS														
Ortho phosphate as PO4	mg/l	-	-	---	---	---	---	---	---	---	---	---	---	---	---		
Ortho phosphate as PO4 (filtered)	mg/l	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.337	<0.05	<0.05	<0.05	<0.05	---		
Silica	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---	---		
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---	---	---	---	---	---	---		
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	<500	580	530	<500	1,500	2,170	602	602	602	602	602	---		
Other																	
Dissolved Organic Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---	---		
Electrical conductivity *(lab)	µS/cm	-	-	1,330	3,020	6,910	3,130	295	487	228	228	228	228	228	---		
TPH CWG																	
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	---		
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	119	---		
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	466	---		
>C10-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---	---		
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	807	---		
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---	---	---	---	---		
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	---		
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---	---	---	---	---		
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	---		
>C16-C35 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---	---		
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---	---	---	---	---		
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	---		
>C35-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---	---		
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---	---	---	---	---		
Total Aliphatics >C12-C35 (filtered)	µg/L	-	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	---		
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---	---	---	---	---		
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	---		
>EC10-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---	---		
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	328	---		
>EC6-EC7 Aromatics	µg/L	-	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	---		
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	538	---		
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---	---	---	---	---		
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	53	---		
>EC16-EC35 Aromatics (filtered)	µg/L	-	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	40	---		
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---	---	---	---	---		
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	30	---		
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---	---	---	---	---		
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	10	---		
>EC35-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---	---		
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---	---		
Total Aromatics >EC5-EC35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---	---	---	---	---		
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	93	---		
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	<10	<10	<10	<10	<10	<10	177	2,370	2,370	2,370	2,370	---		
TPH																	
EPH >C10-40	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---	---		
GRO >C5-12	µg/L	-	-	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	2,270	---		
GRO C5-C10	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---	---		
BTEx and MTBE																	
Benzene	µg/L	1 ^{#1}	8 ^{#19}	<1	<1	<1	<1	<10	<10	<10	<100	<100	<100	<100	---		
Toluene	µg/L	700 ^{#2}	74 ^{#19}	<1	<1	<1	<1	<10	<10	<10	<100	<100	<100	<100	---		
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	<1	<1	<1	<1	<10	<10	<10	<100	<100	<100	<100	---		
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	<1	<1	<1	<1	<10	<10	<10	<100	<100	<100	<100	---		
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	<1	<1	<1	<1	<10	<10	<10	<127	<127	<127	<127	---		
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	<2	<2	<2	<2	<20	<20	<20	<200	<200	<200	<200	---		
MTBE	µg/L	15 ^{#10}	15 ^{#10}	<1	<1	<1	<1	<10	<10	<10	<100	<100	<100	<100	---		
Total BTEx	µg/L	-	-	<5	<5	<5	<5	<50	<50	<50	<500	<500	<500	<500	---		
PAH																	
Naphthalene	µg/L	-	2 ^{#19}	<1	<1	<1	<1	<1	<1	<10	2.44	2.44	2.44	<100	<100		
Naphthalene (filtered)	µg/L	-	2 ^{#19}	<0.01	0.0274	<0.01	0.0328	0.0178	0.0455	0.285	0.285	0.285	0.285	0.285	---		
Acenaphthene	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	<2	<2	<2	---		
Acenaphthene (filtered)	µg/L	-	-	<0.005	<0.005	<0.005	0.0066	0.0077	0.0367	1.61	1.61	1.61	1.61	1.61	---		
Acenaphthylene	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	<2	<2	<2	---		
Acenaphthylene (filtered)	µg/L	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0927	0.0927	0.0927	0.0927	---		
Fluoranthene	µg/L	-	0.0063 ^{#19}	<1	<1	<2	<2	<1	<20	<2	<2	<2	<2	<2	---		
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#19}	<0.005	<0.005	<0.005	0.127	<0.005	0.758	0.0855	0.0855	0.0855	0.0855	0.0855	---		
Anthracene	µg/L	-	0.1 ^{#19}	<1	<1	<2	<2	<1	<20	<2	<2	<2	<2	<2	---		
Anthracene (filtered)	µg/L	-	0.1 ^{#19}	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.38	0.38	0.38	0.38	---		
Phenanthrene	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	<2	<2	<2	---		
Phenanthrene (filtered)	µg/L	-	-	<0.005	<0.005	<0.005	0.151	<0.005	0.206	1.9	1.9	1.9	1.9	1.9	---		
Fluorene	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	<2	<2	<2	---		
Fluorene (filtered)	µg/L	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	0.0546	0.923	0.923	0.923	0.923	0.923	---		
Chrysene	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	<2	<2	<2	---		

Matrix Description		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG	
Location Code		FOU_AUK_TP136		FOU_AUK_TP137		FOU_AUK_TP138		FOU_AUK_TP139		FOU_AUK_TP140		FOU_AUK_TP144	
Matrix Type		Soil		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		704774		704774		705778		705777		705777		704774	
Date		07 Sep 2023		07 Sep 2023		06 Sep 2023		05 Sep 2023		05 Sep 2023		07 Sep 2023	
Depth		0.5		2.5		1.5		1		1		4.4	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS										
Chrysene (filtered)	µg/L	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.175	<0.005	---	---
Pyrene	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	---	---	---
Pyrene (filtered)	µg/L	-	-	<0.005	<0.005	<0.005	0.0933	<0.005	0.622	0.175	---	---	---
Benzo(a)anthracene	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	---	---	---
Benzo(a)anthracene (filtered)	µg/L	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	0.0757	0.0097	---	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<1	<1	<2	<2	<1	<20	<2	---	---	---
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.005	<0.005	<0.005	<0.005	<0.005	0.205	<0.005	---	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<1	<1	<2	<2	<1	<20	<2	---	---	---
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.005	<0.005	<0.005	<0.005	<0.005	0.0905	<0.005	---	---	---
Benzo(b+k)fluoranthene	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	<1	<1	<2	<2	<1	<20	<2	---	---	---
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#34}	<0.002	<0.002	<0.002	<0.002	<0.002	0.0904	<0.002	---	---	---
Dibenz(a,h)anthracene	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	---	---	---
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	---	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<1	<1	<2	<2	<1	<20	<2	---	---	---
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.005	<0.005	<0.005	<0.005	<0.005	0.157	<0.005	---	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<1	<1	<2	<2	<1	<20	<2	---	---	---
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.005	<0.005	<0.005	<0.005	<0.005	0.115	<0.005	---	---	---
PAH 16 Total	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
PAH 16 Total (filtered)	µg/L	-	-	<0.082	<0.082	<0.082	0.411	<0.082	2.63	5.45	---	---	---
Phenolics													
Total Phenols (monohydric)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Xylenols	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	<1	<1	<2	2.06	<1	<20	<2	---	---	---
Phenols Monohydric	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
VOC													
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---	---	---	---	---	---	---	---	---
Styrene	µg/L	-	50 ^{#20}	<1	<1	<1	<1	<10	<10	<100	---	---	---
cis-1,3-dichloropropene	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
trans-1,3-dichloropropene	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
1,1,1,2-tetrachloroethane	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	<1	<1	<1	<1	<10	<10	<100	---	---	---
1,1,2,2-tetrachloroethane	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	<1	<1	<1	<1	<10	<10	<100	---	---	---
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
1,1-dichloroethene	µg/L	140 ^{#14}	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
1,1-dichloropropene	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
1,2,3-trichloropropane	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
1,2,4-trimethylbenzene	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
1,2-dibromo-3-chloropropane	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
1,2-dibromoethane	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	<1	<1	<1	<1	<10	<10	<100	---	---	---
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
1,3,5-trimethylbenzene	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
1,3-dichloropropane	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
2,2-dichloropropane	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
Trihalomethanes	µg/L	100 ^{#1}	-	---	---	---	---	---	---	---	---	---	---
2-chlorotoluene	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
4-chlorotoluene	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
Bromobenzene	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
Bromochloromethane	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
Bromodichloromethane	µg/L	25 ^{#15}	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
Bromoform	µg/L	25 ^{#15}	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
Bromomethane	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
Carbon disulfide	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	<1	<1	<1	<1	<10	<10	<100	---	---	---
Chlorodibromomethane	µg/L	25 ^{#15}	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
Chloroethane	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	1.52	1.68	<1	1.78	<10	<10	<100	---	---	---
Chloromethane	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
Dibromomethane	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
Dichlorodifluoromethane	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
Dichloromethane	µg/L	-	20 ^{#19}	<3	<3	<3	<3	<30	<30	<300	---	---	---
Isopropylbenzene	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
n-butylbenzene	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---
n-propylbenzene	µg/L	-	-	<1	<1	<1	<1	<10	<10	<100	---	---	---



Matrix Description		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG	
Location Code		FOU_AUK_TP136		FOU_AUK_TP137		FOU_AUK_TP138		FOU_AUK_TP139		FOU_AUK_TP140		FOU_AUK_TP144	
Matrix Type		Soil		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		704774		704774		705778		705777		705777		704774	
Date		07 Sep 2023		07 Sep 2023		06 Sep 2023		05 Sep 2023		05 Sep 2023		07 Sep 2023	
Depth		0.5		2.5		1.5		1		1		4.4	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS										
p-isopropyltoluene	µg/L	-	-	<1	<1	<1	<1	<1	<10	<10	<100	---	---
sec-butylbenzene	µg/L	-	-	<1	<1	<1	<1	<1	<10	<10	<100	---	---
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	<1	<1	<1	<1	<1	<10	<10	<100	---	---
tert-butylbenzene	µg/L	-	-	<1	<1	<1	<1	<1	<10	<10	<100	---	---
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	<1	<1	<1	<1	<1	<10	<10	<100	---	---
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	<1	<1	<1	<1	<1	<10	<10	<100	---	---
Trichlorofluoromethane	µg/L	-	-	<1	<1	<1	<1	<1	<10	<10	<100	---	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	<1	<1	<1	<1	<1	<10	<10	<100	---	---
tert-Amyl methyl ether	µg/L	-	-	<1	<1	<1	<1	<1	<10	<10	<100	---	---
VOC/SVOC													
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	<1	<1	<1	<1	<10	<10	<100	---	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	<1	<1	<1	<1	<1	<10	<2	---	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	<1	<1	<1	<1	<1	<10	<2	---	---
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	<1	<1	<1	<1	<10	<10	<100	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	<1	<1	<1	<1	<1	<10	<2	---	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	<1	<1	<1	<1	<1	<10	<2	---	---
Chlorobenzene	µg/L	100 ^{#18}	-	<1	<1	<1	<1	<1	<10	<10	<100	---	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	<1	<1	<1	<1	<1	<1	<10	<2	---	---
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	---	---	---	---	---	---	---	---
SVOC													
1,4-dinitrobenzene	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Benzyl alcohol	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---
4-nitroaniline	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---
4-nitrophenol	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---
1,3-Dinitrobenzene	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
1-Methylnaphthalene	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---
2,4,6-trichlorophenol	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	<1	<1	<2	<2	<1	<20	<2	<2	---	---
2,4-dimethylphenol	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---
2,4-dinitrotoluene	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---
2,6-dichlorophenol	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
2,6-Dimethylphenol	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---
2-chloronaphthalene	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---
2-chlorophenol	µg/L	-	50 ^{#20}	<1	<1	<2	<2	<1	<20	<2	<2	---	---
2-methylnaphthalene	µg/L	-	-	<1	<1	<2	<2	<1	<20	3.46	<2	---	---
2-methylphenol	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---
2-nitroaniline	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---
2-nitrophenol	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---
3-nitroaniline	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	<1	<1	<2	<2	<1	<20	<2	<2	---	---
4-chloroaniline	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---
4-methylphenol	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---
Aniline	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Azobenzene	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---
Bis(2-chloroethoxy) methane	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---
Bis(2-chloroethoxy) ether	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	<2	<2	<4	<4	<2	<40	<4	<4	---	---
Bis(2-ethylhexyl) ester	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	<1	<1	<2	<2	<1	<20	<2	<2	---	---
Carbazole	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---
Di(2-ethylhexyl) adipate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Dibenzofuran	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---
Diethylphthalate	µg/L	-	200 ^{#20}	<1	<1	<2	<2	<1	<20	<2	<2	---	---
Dimethyl phthalate	µg/L	-	800 ^{#20}	<1	<1	<2	<2	<1	<20	<2	<2	---	---
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	<1	<1	<2	<2	<1	<20	<2	<2	---	---
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	<5	<5	<10	<10	<5	<100	<10	<10	---	---
Diphenylamine	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	<1	<1	<2	<2	<1	<20	<2	<2	---	---
Hexachlorocyclopentadiene	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---
Hexachloroethane	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---
Isophorone	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---
Nitrobenzene	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	<1	<1	<2	<2	<1	<20	<2	<2	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
				FOU_AUK_TP136	FOU_AUK_TP137	FOU_AUK_TP138	FOU_AUK_TP139	FOU_AUK_TP140	FOU_AUK_TP144	FOU_AUK_TP145	FOU_AUK_TP145
				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				704774	704774	705778	705777	705777	704774	705778	705778
				07 Sep 2023	07 Sep 2023	06 Sep 2023	05 Sep 2023	05 Sep 2023	07 Sep 2023	06 Sep 2023	06 Sep 2023
				0.5	2.5	1.5	1	1	4.4	3	3
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Pentachlorophenol	µg/L	-	0.4 ^{#19}	<1	<1	<2	<2	<1	<20	<2	---
PCB											
PCB 12	µg/L	-	-	---	---	---	---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 101	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 118 + PCB 123	mg/L	-	-	---	---	---	---	---	---	---	---
PCB 138	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 153	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 180	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 52	µg/L	-	-	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-	---	---	---	---	---	---	---	---
Total PCB WHO 12	µg/L	-	-	---	---	---	---	---	---	---	---
PCBs (Sum of total)	µg/L	-	-	---	---	---	---	---	---	---	---
Solvents											
Acetone	µg/L	-	-	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	µg/L	-	-	---	---	---	---	---	---	---	---
Pesticides											
Heptachlor epoxide	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---	---
Simetryn	mg/L	-	-	---	---	---	---	---	---	---	---
Tokuthion	µg/L	-	-	---	---	---	---	---	---	---	---
Secbumeton	µg/L	-	-	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-Dichlorprop	µg/L	-	-	---	---	---	---	---	---	---	---
4,4-DDE	µg/L	-	0.00625 ^{#37}	---	---	---	---	---	---	---	---
a-BHC	µg/L	-	-	---	---	---	---	---	---	---	---
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	µg/L	-	-	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	µg/L	-	-	---	---	---	---	---	---	---	---
Ametryn	µg/L	-	-	---	---	---	---	---	---	---	---
Actril (Ioxynil)	µg/L	-	10 ^{#20}	---	---	---	---	---	---	---	---
Atraton	µg/L	-	-	---	---	---	---	---	---	---	---
Atrazine	µg/L	-	0.6 ^{#19}	---	---	---	---	---	---	---	---
Azinophos methyl	µg/L	-	0.01 ^{#30}	---	---	---	---	---	---	---	---
b-BHC	µg/L	-	-	---	---	---	---	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	---	---	---	---	---
Bentazone	µg/L	-	500 ^{#20}	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	µg/L	-	-	---	---	---	---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	---	---	---	---
gamma-Chlordane	µg/L	-	-	---	---	---	---	---	---	---	---
Chlorpyrifos	µg/L	-	0.03 ^{#19}	---	---	---	---	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---	---	---	---	---
Coumaphos	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---	---
d-BHC	µg/L	-	-	---	---	---	---	---	---	---	---
DDT	µg/L	-	0.01 ^{#39}	---	---	---	---	---	---	---	---
Demeton-O	µg/L	-	-	---	---	---	---	---	---	---	---
Demeton-S	µg/L	-	-	---	---	---	---	---	---	---	---
Diazinon	µg/L	-	0.01 ^{#19}	---	---	---	---	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG	
Location Code		FOU_AUK_TP136		FOU_AUK_TP137		FOU_AUK_TP138		FOU_AUK_TP139		FOU_AUK_TP140		FOU_AUK_TP144	
Matrix Type		Soil		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		704774		704774		705778		705777		705777		704774	
Date		07 Sep 2023		07 Sep 2023		06 Sep 2023		05 Sep 2023		05 Sep 2023		07 Sep 2023	
Depth		0.5		2.5		1.5		1		1		4.4	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS										
Dichlorvos	µg/L	-	0.04 ^{#20}	---	---	---	---	---	---	---	---	---	---
Dieldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---	---	---	---
Disulfoton	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan I	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan II	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endrin	µg/L	-	0.00125 ^{#38}	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Endrin ketone	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Ethoprop	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fensulfothion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fenthion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Heptachlor	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---	---	---	---
Merphos	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Methoxychlor	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Methyl parathion	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Phorate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Picloram	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Prometon	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Prometryn	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Propazine	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Ronnel	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---	---	---	---
Simazine	µg/L	-	1 ^{#19}	---	---	---	---	---	---	---	---	---	---
Stirophos	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Terbutryn	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Terbutylazine	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Trichloronate	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---	---	---	---
Field													
pH (Field)	pH_Units	6.5-9.5 ^{#1}	-	---	---	---	---	---	---	---	---	---	---



Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				S1-BH01	S1-BH01	S1-BH02	S1-BH02	S1-BH03	S1-BH10	S1-BH10
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number					UNK	UNK	UNK	20211022 ARC SS11-SS12		20211022 ARC SS11-SS12
Date				10 Oct 2017	10 Oct 2017	20 Oct 2017	20 Oct 2017	25 Oct 2017	17 Oct 2017	17 Oct 2017
Depth				5.5	5.5 - 5.5	2.2 - 2.2	4.2 - 4.2	3.2 - 3.2	1.5	1.5 - 1.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Metals										
Aluminium (filtered)	µg/L	200 ^{#1}	-	---	---	---	---	---	---	---
Antimony (filtered)	µg/L	5 ^{#1}	-	---	---	---	---	---	---	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	1.10	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	1.1	---	---	---	---	0.27	---
Barium (filtered)	µg/L	1,300 ^{#2}	-	24	---	---	---	---	1.6	---
Beryllium (filtered)	µg/L	-	-	<0.1	---	---	---	---	<0.1	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	270	270.00	---	---	---	400	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	0.09	---	---	---	---	0.015	---
Calcium (filtered)	mg/L	-	-	---	---	---	---	---	---	---
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	1.2	---	---	---	---	0.36	---
Chromium (Trivalent) (filtered)	µg/L	-	-	1.2	---	---	---	---	0.36	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	1.2	---	---	---	---	0.9	---
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	9.80	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	9.8	---	---	---	---	55	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	0.045	---	---	---	---	0.12	---
Magnesium (filtered)	mg/L	-	-	---	---	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	0.11	---	---	---	---	0.005	---
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	0.005	---	---	---	---	---	---
Molybdenum (filtered)	µg/L	70 ^{#3}	-	---	---	---	---	---	---	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	0.25	---	---	---	---	0.25	---
Potassium (filtered)	mg/L	-	-	---	---	---	---	---	---	---
Selenium (filtered)	µg/L	10 ^{#1}	-	4.3	---	---	---	---	1.2	---
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	---	---	---	---	---	---	---
Tin (filtered)	µg/L	-	10 ^{#25}	---	---	---	---	---	---	---
Titanium (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	52	---	---	---	---	1.8	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	0.65	---	---	---	---	0.65	---
Inorganics										
Total Hardness	mg/l	-	-	---	---	---	---	---	---	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	---	---	---	---	---	---
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	0.0075	<0.02	---	---	---	0.025	---
Chloride	mg/L	250 ^{#1}	-	---	7.80	---	---	---	---	---
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	<40	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---
Sulphate	mg/L	250 (SO4) ^{#7}	-	---	43.00	12.00	37.00	1,800.00	17	220.00
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	-	-	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	-	-	---	---	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	11.4	---	---	---	---	6.9	---
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---
Sulphate (Soluble) (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	---	---	---	---	---	---	---
Sulphur as S (filtered)	mg/L	-	-	---	---	---	---	---	---	---
Sulphur (free)	mg/L	-	-	---	---	---	---	---	---	---
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	---	---	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	
				S1-BH01	S1-BH01	S1-BH02	S1-BH02	S1-BH03	S1-BH10	S1-BH10
				Soil	Soil	Soil	Soil	Soil	Soil	Soil
				UNK	UNK	UNK	UNK	20211022 ARC SSI1-SS12		20211022 ARC SSI1-SS12
				10 Oct 2017	10 Oct 2017	20 Oct 2017	20 Oct 2017	25 Oct 2017	17 Oct 2017	17 Oct 2017
		5.5	5.5 - 5.5	2.2 - 2.2	4.2 - 4.2	3.2 - 3.2	1.5	1.5 - 1.5		
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Ortho phosphate as PO4	mg/l	-	-	---	---	---	---	---	---	
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	---	---	---	---	
Silica	µg/L	-	-	---	---	---	---	---	---	
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---	
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---	
Other										
Dissolved Organic Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---	
Electrical conductivity *(lab)	µS/cm	-	-	---	---	---	---	---	---	
TPH CWG										
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	---	---	---		<0.1	---	
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	---	---	---		<0.1	---	
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	---	---	---		<0.1	---	
>C10-C44 Aliphatics	µg/L	-	-	---	---	---			---	
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	---	---	---		<1.0	---	
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	---	---		<1.0	---	
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---		---	---	
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	---	---		<1.0	---	
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---		---	---	
>C16-C35 Aliphatics	µg/L	-	-	---	---	---		<2	---	
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	---	---		<1.0	---	
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---		---	---	
>C35-C44 Aliphatics	µg/L	-	-	---	---	---		---	---	
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---		<10	---	
Total Aliphatics >C12-C35 (filtered)	µg/L	-	-	---	---	---		---	---	
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	---	---		<0.1	---	
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	---	---	---		<0.1	---	
>EC10-EC44 Aromatics	µg/L	-	-	---	---	---		---	---	
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	---	---	---		<0.1	---	
>EC6-EC7 Aromatics	µg/L	-	-	---	---	---		---	---	
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	---	---	---		<1.0	---	
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	---	---		<1.0	---	
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---		---	---	
>EC16-EC35 Aromatics (filtered)	µg/L	-	-	---	---	---		---	---	
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	---	---		<1.0	---	
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---		---	---	
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	---	---		<1.0	---	
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---		---	---	
>EC35-EC44 Aromatics	µg/L	-	-	---	---	---		---	---	
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	---	---		---	---	
Total Aromatics >EC5-EC35	µg/L	See TPH	See TPH	---	---	---		<10	---	
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	-	---	---	---		---	---	
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	---	---		<10	---	
TPH										
EPH >C10-40	µg/L	-	-	---	---	---		---	---	
GRO >C5-12	µg/L	-	-	---	---	---		---	---	
GRO C5-C10	µg/L	-	-	---	---	---		---	---	
BTEX and MTBE										
Benzene	µg/L	1 ^{#1}	8 ^{#19}	---	---	---		---	---	
Toluene	µg/L	700 ^{#2}	74 ^{#19}	---	---	---		---	---	
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	---	---	---		---	---	
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	---	---	---		---	---	
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	---	---	---		---	---	
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	---	---	---		---	---	
MTBE	µg/L	15 ^{#10}	15 ^{#10}	---	---	---		---	---	
Total BTEX	µg/L	-	-	---	---	---		---	---	
PAH										
Naphthalene	µg/L	-	2 ^{#19}	---	---	---		4	---	
Naphthalene (filtered)	µg/L	-	2 ^{#19}	---	---	---		---	---	
Acenaphthene	µg/L	-	-	---	---	---		1.2	---	
Acenaphthene (filtered)	µg/L	-	-	---	---	---		---	---	
Acenaphthylene	µg/L	-	-	---	---	---		1.3	---	
Acenaphthylene (filtered)	µg/L	-	-	---	---	---		---	---	
Fluoranthene	µg/L	-	0.0063 ^{#19}	---	---	---		8.3	---	
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#19}	---	---	---		---	---	
Anthracene	µg/L	-	0.1 ^{#19}	---	---	---		2.3	---	
Anthracene (filtered)	µg/L	-	0.1 ^{#19}	---	---	---		---	---	
Phenanthrene	µg/L	-	-	---	---	---		8.4	---	
Phenanthrene (filtered)	µg/L	-	-	---	---	---		---	---	
Fluorene	µg/L	-	-	---	---	---		1.8	---	
Fluorene (filtered)	µg/L	-	-	---	---	---		---	---	
Chrysene	µg/L	-	-	---	---	---		6.9	---	



Matrix Description		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG	
Location Code		S1-BH01		S1-BH01		S1-BH02		S1-BH02		S1-BH03	
Matrix Type		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		UNK		UNK		UNK		20211022 ARC SS11-SS12		20211022 ARC SS11-SS12	
Date		10 Oct 2017		10 Oct 2017		20 Oct 2017		20 Oct 2017		25 Oct 2017	
Depth		5.5		5.5 - 5.5		2.2 - 2.2		4.2 - 4.2		3.2 - 3.2	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Chrysene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Pyrene	µg/L	-	-	---	---	---	---	---	5.1	---	---
Pyrene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Benzo(a)anthracene	µg/L	-	-	---	---	---	---	---	3.9	---	---
Benzo(a)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	8.8	---	---
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	2.3	---	---
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---
Benzo(b+k)fluoranthene	µg/L	-	-	---	---	---	---	---	---	---	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	---	---	---	---	5	---	---
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	---	---	---	---	---	---	---
Dibenz(a,h)anthracene	µg/L	-	-	---	---	---	---	---	2.5	---	---
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	9.5	---	---
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	11	---	---
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---
PAH 16 Total	µg/L	-	-	---	---	---	---	---	83	---	---
PAH 16 Total (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	µg/L	-	-	---	---	---	---	---	---	---	---
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	---	---	---	---	---
Xylenols	µg/L	-	-	---	---	---	---	---	---	---	---
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	---	---	---	---	---	---	---
Phenols Monohydric	µg/L	-	-	---	---	---	---	---	<0.5	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---	---	---	---	---	---	---
Styrene	µg/L	-	50 ^{#20}	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	µg/L	-	-	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	µg/L	-	-	---	---	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	µg/L	-	-	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	µg/L	-	-	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	---	---	---	---	---	---	---	---
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	---	---	---	---	---	---	---	---
1,1-dichloroethene	µg/L	140 ^{#14}	-	---	---	---	---	---	---	---	---
1,1-dichloropropene	µg/L	-	-	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	µg/L	-	-	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	µg/L	-	-	---	---	---	---	---	---	---	---
1,2-dibromoethane	µg/L	-	-	---	---	---	---	---	---	---	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---	---	---	---	---	---	---
1,2-dichloropropane	µg/L	-	-	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---
1,3-dichloropropane	µg/L	-	-	---	---	---	---	---	---	---	---
2,2-dichloropropane	µg/L	-	-	---	---	---	---	---	---	---	---
Trihalomethanes	µg/L	100 ^{#1}	-	---	---	---	---	---	---	---	---
2-chlorotoluene	µg/L	-	-	---	---	---	---	---	---	---	---
4-chlorotoluene	µg/L	-	-	---	---	---	---	---	---	---	---
Bromobenzene	µg/L	-	-	---	---	---	---	---	---	---	---
Bromochloromethane	µg/L	-	-	---	---	---	---	---	---	---	---
Bromodichloromethane	µg/L	25 ^{#15}	-	---	---	---	---	---	---	---	---
Bromoform	µg/L	25 ^{#15}	-	---	---	---	---	---	---	---	---
Bromomethane	µg/L	-	-	---	---	---	---	---	---	---	---
Carbon disulfide	µg/L	-	-	---	---	---	---	---	---	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	---	---	---	---	---	---	---	---
Chlorodibromomethane	µg/L	25 ^{#15}	-	---	---	---	---	---	---	---	---
Chloroethane	µg/L	-	-	---	---	---	---	---	---	---	---
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	---	---	---	---	---	---	---	---
Chloromethane	µg/L	-	-	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	---	---	---	---	---	---
Dibromomethane	µg/L	-	-	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	µg/L	-	-	---	---	---	---	---	---	---	---
Dichloromethane	µg/L	-	20 ^{#19}	---	---	---	---	---	---	---	---
Isopropylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---
n-butylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---
n-propylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		S1-BH01	S1-BH01	S1-BH02	S1-BH02	S1-BH03	S1-BH10	S1-BH10
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number			UNK	UNK	UNK	20211022 ARC SSI1-SS12		20211022 ARC SSI1-SS12
Date		10 Oct 2017	10 Oct 2017	20 Oct 2017	20 Oct 2017	25 Oct 2017	17 Oct 2017	17 Oct 2017
Depth		5.5	5.5 - 5.5	2.2 - 2.2	4.2 - 4.2	3.2 - 3.2	1.5	1.5 - 1.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS					
p-isopropyltoluene	µg/L	-	-	---	---	---	---	---
sec-butylbenzene	µg/L	-	-	---	---	---	---	---
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	---	---	---
tert-butylbenzene	µg/L	-	-	---	---	---	---	---
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	---	---	---
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	---	---	---
Trichlorofluoromethane	µg/L	-	-	---	---	---	---	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	---	---	---	---
tert-Amyl methyl ether	µg/L	-	-	---	---	---	---	---
VOC/SVOC								
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	---	---
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	---	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	---	---
Chlorobenzene	µg/L	100 ^{#18}	-	---	---	---	---	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	---	---	---	---	---
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	---	---	---
SVOC								
1,4-dinitrobenzene	µg/L	-	-	---	---	---	---	---
Benzyl alcohol	µg/L	-	-	---	---	---	---	---
4-bromophenyl phenyl ether	µg/L	-	-	---	---	---	---	---
4-nitroaniline	µg/L	-	-	---	---	---	---	---
4-nitrophenol	µg/L	-	-	---	---	---	---	---
1,3-Dinitrobenzene	µg/L	-	-	---	---	---	---	---
1-Methylnaphthalene	µg/L	-	-	---	---	---	---	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	---	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	---	---	---	---	---
2,4,6-trichlorophenol	µg/L	-	-	---	---	---	---	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	---	---	---	---	---
2,4-dimethylphenol	µg/L	-	-	---	---	---	---	---
2,4-dinitrotoluene	µg/L	-	-	---	---	---	---	---
2,6-dichlorophenol	µg/L	-	-	---	---	---	---	---
2,6-Dimethylphenol	µg/L	-	-	---	---	---	---	---
2,6-dinitrotoluene	µg/L	-	-	---	---	---	---	---
2-chloronaphthalene	µg/L	-	-	---	---	---	---	---
2-chlorophenol	µg/L	-	50 ^{#20}	---	---	---	---	---
2-methylnaphthalene	µg/L	-	-	---	---	---	---	---
2-methylphenol	µg/L	-	-	---	---	---	---	---
2-nitroaniline	µg/L	-	-	---	---	---	---	---
2-nitrophenol	µg/L	-	-	---	---	---	---	---
3-nitroaniline	µg/L	-	-	---	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	---	---	---	---	---
4-chloroaniline	µg/L	-	-	---	---	---	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	---	---	---	---
4-methylphenol	µg/L	-	-	---	---	---	---	---
Aniline	µg/L	-	-	---	---	---	---	---
Azobenzene	µg/L	-	-	---	---	---	---	---
Bis(2-chloroethoxy) methane	µg/L	-	-	---	---	---	---	---
Bis(2-chloroethyl)ether	µg/L	-	-	---	---	---	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	---	---	---	---
Bis(2-ethylhexyl)ester	µg/L	-	-	---	---	---	---	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	---	---	---	---
Carbazole	µg/L	-	-	---	---	---	---	---
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	---	---	---
Dibenzofuran	µg/L	-	-	---	---	---	---	---
Diethylphthalate	µg/L	-	200 ^{#20}	---	---	---	---	---
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	---	---	---	---
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	---	---	---	---
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	---	---	---	---
Diphenylamine	µg/L	-	-	---	---	---	---	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	---	---	---	---	---
Hexachlorocyclopentadiene	µg/L	-	-	---	---	---	---	---
Hexachloroethane	µg/L	-	-	---	---	---	---	---
Isophorone	µg/L	-	-	---	---	---	---	---
Nitrobenzene	µg/L	-	-	---	---	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		S1-BH01	S1-BH01	S1-BH02	S1-BH02	S1-BH03	S1-BH10	S1-BH10
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		UNK	UNK	UNK	UNK	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12
Date		10 Oct 2017	10 Oct 2017	20 Oct 2017	20 Oct 2017	25 Oct 2017	17 Oct 2017	17 Oct 2017
Depth		5.5	5.5 - 5.5	2.2 - 2.2	4.2 - 4.2	3.2 - 3.2	1.5	1.5 - 1.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS					
Pentachlorophenol	µg/L	-	0.4 ^{#19}	---	---	---	---	---
PCB								
PCB 12	µg/L	-	-	---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---	---	---	---
PCB 101	µg/L	-	-	---	---	---	---	---
PCB 118 + PCB 123	mg/L	-	-	---	---	---	---	---
PCB 138	µg/L	-	-	---	---	---	---	---
PCB 153	µg/L	-	-	---	---	---	---	---
PCB 180	µg/L	-	-	---	---	---	---	---
PCB 28 + PCB 31	µg/L	-	-	---	---	---	---	---
PCB 52	µg/L	-	-	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-	---	---	---	---	---
Total PCB WHO 12	µg/L	-	-	---	---	---	---	---
PCBs (Sum of total)	µg/L	-	-	---	---	---	---	---
Solvents								
Acetone	µg/L	-	-	---	---	---	---	---
PAH/Phenols								
PAHs (Sum of 4)	µg/L	-	-	---	---	---	---	---
Pesticides								
Heptachlor epoxide	µg/L	0.03 ^{#1}	-	---	---	---	---	---
Simetryn	mg/L	-	-	---	---	---	---	---
Tokuthion	µg/L	-	-	---	---	---	---	---
Secbumeton	µg/L	-	-	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---
2,4-Dichlorprop	µg/L	-	-	---	---	---	---	---
4,4-DDE	µg/L	-	0.00625 ^{#37}	---	---	---	---	---
a-BHC	µg/L	-	-	---	---	---	---	---
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---
Aldrin + Dieldrin	µg/L	-	-	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	µg/L	-	-	---	---	---	---	---
Ametryn	µg/L	-	-	---	---	---	---	---
Actril (loxynil)	µg/L	-	10 ^{#20}	---	---	---	---	---
Atraton	µg/L	-	-	---	---	---	---	---
Atrazine	µg/L	-	0.6 ^{#19}	---	---	---	---	---
Azinophos methyl	µg/L	-	0.01 ^{#30}	---	---	---	---	---
b-BHC	µg/L	-	-	---	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	---	---
Bentazone	µg/L	-	500 ^{#20}	---	---	---	---	---
Bolstar (Sulprofos)	µg/L	-	-	---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	---
gamma-Chlordane	µg/L	-	-	---	---	---	---	---
Chlorpyrifos	µg/L	-	0.03 ^{#19}	---	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---	---
Coumaphos	µg/L	-	0.03 ^{#20}	---	---	---	---	---
d-BHC	µg/L	-	-	---	---	---	---	---
DDT	µg/L	-	0.01 ^{#39}	---	---	---	---	---
Demeton-O	µg/L	-	-	---	---	---	---	---
Demeton-S	µg/L	-	-	---	---	---	---	---
Diazinon	µg/L	-	0.01 ^{#19}	---	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	---	---



Matrix Description		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG	
Location Code		S1-BH01		S1-BH01		S1-BH02		S1-BH02		S1-BH03	
Matrix Type		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		UNK		UNK		UNK		20211022 ARC SSI1-SS12		20211022 ARC SSI1-SS12	
Date		10 Oct 2017		10 Oct 2017		20 Oct 2017		20 Oct 2017		25 Oct 2017	
Depth		5.5		5.5 - 5.5		2.2 - 2.2		4.2 - 4.2		3.2 - 3.2	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Dichlorvos	µg/L	-	0.04 ^{#20}	---	---	---	---	---	---	---	---
Dieldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---	---
Disulfoton	µg/L	-	-	---	---	---	---	---	---	---	---
Endosulfan I	µg/L	-	-	---	---	---	---	---	---	---	---
Endosulfan II	µg/L	-	-	---	---	---	---	---	---	---	---
Endosulfan sulphate	µg/L	-	-	---	---	---	---	---	---	---	---
Endrin	µg/L	-	0.00125 ^{#38}	---	---	---	---	---	---	---	---
Endrin aldehyde	µg/L	-	-	---	---	---	---	---	---	---	---
Endrin ketone	µg/L	-	-	---	---	---	---	---	---	---	---
Ethoprop	µg/L	-	-	---	---	---	---	---	---	---	---
Fensulfothion	µg/L	-	-	---	---	---	---	---	---	---	---
Fenthion	µg/L	-	-	---	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---	---
g-BHC (Lindane)	µg/L	-	-	---	---	---	---	---	---	---	---
Heptachlor	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---	---
Merphos	µg/L	-	-	---	---	---	---	---	---	---	---
Methoxychlor	µg/L	-	-	---	---	---	---	---	---	---	---
Methyl parathion	µg/L	-	-	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	µg/L	-	-	---	---	---	---	---	---	---	---
Naled (Dibrom)	µg/L	-	-	---	---	---	---	---	---	---	---
Phorate	µg/L	-	-	---	---	---	---	---	---	---	---
Picloram	µg/L	-	-	---	---	---	---	---	---	---	---
Prometon	µg/L	-	-	---	---	---	---	---	---	---	---
Prometryn	µg/L	-	-	---	---	---	---	---	---	---	---
Propazine	µg/L	-	-	---	---	---	---	---	---	---	---
Ronnel	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---	---
Simazine	µg/L	-	1 ^{#19}	---	---	---	---	---	---	---	---
Stirophos	µg/L	-	-	---	---	---	---	---	---	---	---
Terbutryn	µg/L	-	-	---	---	---	---	---	---	---	---
Terbutylazine	µg/L	-	-	---	---	---	---	---	---	---	---
Trichloronate	µg/L	-	-	---	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---	---
Field											
pH (Field)	pH_Units	6.5-9.5 ^{#1}	-	---	---	---	---	---	---	---	---



Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				S1-BH10	S1-TPE11	S1-TPE20	S1-TPE37	S1-TPE39	S1-TPE41	S1-TPE44
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				20211022 ARC SS11-SS12						
Date				17 Oct 2017	27 Feb 2017	01 Mar 2017	14 Mar 2017	06 Mar 2017	06 Mar 2017	06 Mar 2017
Depth				4.5 - 4.5	1.5	0.5	3	1.8	1.7	4.2
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Metals										
Aluminium (filtered)	µg/L	200 ^{#1}	-	---	---	---	---	---	---	---
Antimony (filtered)	µg/L	5 ^{#1}	-	---	---	---	---	---	---	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	---	16	1.2	3.5	2	0.8	0.55
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	30	16	28	58	33	22
Beryllium (filtered)	µg/L	-	-	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	<100	<100	170	<100	<100	<100
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	---	<0.03	<0.03	<0.03	0.1	0.05	0.13
Calcium (filtered)	mg/L	-	-	---	---	---	---	---	---	---
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	<0.25	0.33	0.31	1.3	<0.25	0.51
Chromium (Trivalent) (filtered)	µg/L	-	-	---	<0.25	0.33	0.31	1.3	<0.25	0.51
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	---	<0.4	0.6	1.2	0.6	0.9	6.5
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	---	<5.5	10	<5.5	11	<5.5	<5.5
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	---	<0.09	<0.09	<0.09	0.1	<0.09	0.39
Magnesium (filtered)	mg/L	-	-	---	---	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	---	6.2	1	14	15	24	<0.22
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	---	0.02	<0.01	0.01	0.04	0.04	0.08
Molybdenum (filtered)	µg/L	70 ^{#3}	-	---	---	---	---	---	---	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	---	<0.5	<0.5	3.5	<0.5	0.5	<0.5
Potassium (filtered)	mg/L	-	-	---	---	---	---	---	---	---
Selenium (filtered)	µg/L	10 ^{#1}	-	---	1.1	0.57	1.1	3.9	2	12
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	---	---	---	---	---	---	---
Tin (filtered)	µg/L	-	10 ^{#25}	---	---	---	---	---	---	---
Titanium (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	4.1	6.9	7.1	1.1	1	14
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	---	<1.3	<1.3	1.5	1.5	4.1	<1.3
Inorganics										
Total Hardness	mg/l	-	-	---	---	---	---	---	---	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	---	---	---	---	---	---
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	---	0.015	<0.015	0.15	0.021	0.018	0.021
Chloride	mg/L	250 ^{#1}	-	---	5.6	2.7	---	2.9	2	14
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---
Sulphate	mg/L	250 (SO4) ^{#7}	-	1,900.00	---	---	---	---	---	---
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	-	-	---	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	-	-	---	---	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	7.4	7.7	7.3	7.5	7.3	11.6
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---	---
Sulphate (Soluble) (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	---	---	---	---	---	---	---
Sulphur as S (filtered)	mg/L	-	-	---	---	---	---	---	---	---
Sulphur (free)	mg/L	-	-	---	---	---	---	---	---	---
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	---	---	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	---	---	---	---



Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				S1-BH10	S1-TPE11	S1-TPE20	S1-TPE37	S1-TPE39	S1-TPE41	S1-TPE44
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				20211022 ARC SS11-SS12						
Date				17 Oct 2017	27 Feb 2017	01 Mar 2017	14 Mar 2017	06 Mar 2017	06 Mar 2017	06 Mar 2017
Depth				4.5 - 4.5	1.5	0.5	3	1.8	1.7	4.2
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Ortho phosphate as PO4	mg/l	-	-	---	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	---	---	---	---	---
Silica	µg/L	-	-	---	---	---	---	---	---	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---	---
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---	---
Other										
Dissolved Organic Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Electrical conductivity *(lab)	µS/cm	-	-	---	---	---	---	---	---	---
TPH CWG										
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C10-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C16-C35 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
Total Aliphatics >C12-C35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC10-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	---	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC6-EC7 Aromatics	µg/L	-	-	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC16-EC35 Aromatics (filtered)	µg/L	-	-	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	---	---	---	---	---	---
Total Aromatics >EC5-EC35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	---	---	---	---	---	---
TPH										
EPH >C10-40	µg/L	-	-	---	---	---	---	---	---	---
GRO >C5-12	µg/L	-	-	---	---	---	---	---	---	---
GRO C5-C10	µg/L	-	-	---	---	---	---	---	---	---
BTEX and MTBE										
Benzene	µg/L	1 ^{#1}	8 ^{#19}	---	---	---	---	---	---	---
Toluene	µg/L	700 ^{#2}	74 ^{#19}	---	---	---	---	---	---	---
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	---	---	---	---	---	---	---
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	---	---	---	---	---	---	---
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	---	---	---	---	---	---	---
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	---	---	---	---	---	---	---
MTBE	µg/L	15 ^{#10}	15 ^{#10}	---	---	---	---	---	---	---
Total BTEX	µg/L	-	-	---	---	---	---	---	---	---
PAH										
Naphthalene	µg/L	-	2 ^{#19}	---	---	---	---	---	---	---
Naphthalene (filtered)	µg/L	-	2 ^{#19}	---	---	---	---	---	---	---
Acenaphthene	µg/L	-	-	---	---	---	---	---	---	---
Acenaphthene (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Acenaphthylene	µg/L	-	-	---	---	---	---	---	---	---
Acenaphthylene (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Fluoranthene	µg/L	-	0.0063 ^{#19}	---	---	---	---	---	---	---
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#19}	---	---	---	---	---	---	---
Anthracene	µg/L	-	0.1 ^{#19}	---	---	---	---	---	---	---
Anthracene (filtered)	µg/L	-	0.1 ^{#19}	---	---	---	---	---	---	---
Phenanthrene	µg/L	-	-	---	---	---	---	---	---	---
Phenanthrene (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Fluorene	µg/L	-	-	---	---	---	---	---	---	---
Fluorene (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Chrysene	µg/L	-	-	---	---	---	---	---	---	---



Matrix Description		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG	
Location Code		S1-BH10		S1-TPE11		S1-TPE20		S1-TPE37		S1-TPE39	
Matrix Type		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		20211022 ARC SS11-SS12									
Date		17 Oct 2017		27 Feb 2017		01 Mar 2017		14 Mar 2017		06 Mar 2017	
Depth		4.5 - 4.5		1.5		0.5		3		1.8	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Chrysene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Pyrene	µg/L	-	-	---	---	---	---	---	---	---	---
Pyrene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Benzo(a)anthracene	µg/L	-	-	---	---	---	---	---	---	---	---
Benzo(a)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---
Benzo(b+k)fluoranthene	µg/L	-	-	---	---	---	---	---	---	---	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	---	---	---	---	---	---	---
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	---	---	---	---	---	---	---
Dibenz(a,h)anthracene	µg/L	-	-	---	---	---	---	---	---	---	---
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---	---	---	---	---
PAH 16 Total	µg/L	-	-	---	---	---	---	---	---	---	---
PAH 16 Total (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	µg/L	-	-	---	---	---	---	---	---	---	---
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	---	---	---	---	---
Xylenols	µg/L	-	-	---	---	---	---	---	---	---	---
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	---	---	---	---	---	---	---
Phenols Monohydric	µg/L	-	-	---	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---	---	---	---	---	---	---
Styrene	µg/L	-	50 ^{#20}	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	µg/L	-	-	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	µg/L	-	-	---	---	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	µg/L	-	-	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	µg/L	-	-	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	---	---	---	---	---	---	---	---
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	---	---	---	---	---	---	---	---
1,1-dichloroethene	µg/L	140 ^{#14}	-	---	---	---	---	---	---	---	---
1,1-dichloropropene	µg/L	-	-	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	µg/L	-	-	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	µg/L	-	-	---	---	---	---	---	---	---	---
1,2-dibromoethane	µg/L	-	-	---	---	---	---	---	---	---	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---	---	---	---	---	---	---
1,2-dichloropropane	µg/L	-	-	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---
1,3-dichloropropane	µg/L	-	-	---	---	---	---	---	---	---	---
2,2-dichloropropane	µg/L	-	-	---	---	---	---	---	---	---	---
Trihalomethanes	µg/L	100 ^{#1}	-	---	---	---	---	---	---	---	---
2-chlorotoluene	µg/L	-	-	---	---	---	---	---	---	---	---
4-chlorotoluene	µg/L	-	-	---	---	---	---	---	---	---	---
Bromobenzene	µg/L	-	-	---	---	---	---	---	---	---	---
Bromochloromethane	µg/L	-	-	---	---	---	---	---	---	---	---
Bromodichloromethane	µg/L	25 ^{#15}	-	---	---	---	---	---	---	---	---
Bromoform	µg/L	25 ^{#15}	-	---	---	---	---	---	---	---	---
Bromomethane	µg/L	-	-	---	---	---	---	---	---	---	---
Carbon disulfide	µg/L	-	-	---	---	---	---	---	---	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	---	---	---	---	---	---	---	---
Chlorodibromomethane	µg/L	25 ^{#15}	-	---	---	---	---	---	---	---	---
Chloroethane	µg/L	-	-	---	---	---	---	---	---	---	---
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	---	---	---	---	---	---	---	---
Chloromethane	µg/L	-	-	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	---	---	---	---	---	---
Dibromomethane	µg/L	-	-	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	µg/L	-	-	---	---	---	---	---	---	---	---
Dichloromethane	µg/L	-	20 ^{#19}	---	---	---	---	---	---	---	---
Isopropylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---
n-butylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---
n-propylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG	
Location Code		S1-BH10		S1-TPE11		S1-TPE20		S1-TPE37		S1-TPE39	
Matrix Type		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		20211022 ARC SS11-SS12									
Date		17 Oct 2017		27 Feb 2017		01 Mar 2017		14 Mar 2017		06 Mar 2017	
Depth		4.5 - 4.5		1.5		0.5		3		1.8	
		UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
	Unit										
p-isopropyltoluene	µg/L	-	-	---	---	---	---	---	---	---	---
sec-butylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	---	---	---	---	---	---
tert-butylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	---	---	---	---	---	---
Trichlorofluoromethane	µg/L	-	-	---	---	---	---	---	---	---	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	---	---	---	---	---	---	---
tert-Amyl methyl ether	µg/L	-	-	---	---	---	---	---	---	---	---
VOC/SVOC											
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	---	---	---	---	---
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	---	---	---	---	---
Chlorobenzene	µg/L	100 ^{#18}	-	---	---	---	---	---	---	---	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	---	---	---	---	---	---	---	---
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	---	---	---	---	---	---
SVOC											
1,4-dinitrobenzene	µg/L	-	-	---	---	---	---	---	---	---	---
Benzyl alcohol	µg/L	-	-	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	µg/L	-	-	---	---	---	---	---	---	---	---
4-nitroaniline	µg/L	-	-	---	---	---	---	---	---	---	---
4-nitrophenol	µg/L	-	-	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	µg/L	-	-	---	---	---	---	---	---	---	---
1-Methylnaphthalene	µg/L	-	-	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	---	---	---	---	---	---	---	---
2,4-dimethylphenol	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	µg/L	-	-	---	---	---	---	---	---	---	---
2,6-dichlorophenol	µg/L	-	-	---	---	---	---	---	---	---	---
2,6-Dimethylphenol	µg/L	-	-	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	µg/L	-	-	---	---	---	---	---	---	---	---
2-chloronaphthalene	µg/L	-	-	---	---	---	---	---	---	---	---
2-chlorophenol	µg/L	-	50 ^{#20}	---	---	---	---	---	---	---	---
2-methylnaphthalene	µg/L	-	-	---	---	---	---	---	---	---	---
2-methylphenol	µg/L	-	-	---	---	---	---	---	---	---	---
2-nitroaniline	µg/L	-	-	---	---	---	---	---	---	---	---
2-nitrophenol	µg/L	-	-	---	---	---	---	---	---	---	---
3-nitroaniline	µg/L	-	-	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	---	---	---	---	---	---	---	---
4-chloroaniline	µg/L	-	-	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	---	---	---	---	---	---	---
4-methylphenol	µg/L	-	-	---	---	---	---	---	---	---	---
Aniline	µg/L	-	-	---	---	---	---	---	---	---	---
Azobenzene	µg/L	-	-	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	µg/L	-	-	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	µg/L	-	-	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl)ester	µg/L	-	-	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	---	---	---	---	---	---	---
Carbazole	µg/L	-	-	---	---	---	---	---	---	---	---
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	---	---	---	---	---	---
Dibenzofuran	µg/L	-	-	---	---	---	---	---	---	---	---
Diethylphthalate	µg/L	-	200 ^{#20}	---	---	---	---	---	---	---	---
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	---	---	---	---	---	---	---
Diphenylamine	µg/L	-	-	---	---	---	---	---	---	---	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	µg/L	-	-	---	---	---	---	---	---	---	---
Hexachloroethane	µg/L	-	-	---	---	---	---	---	---	---	---
Isophorone	µg/L	-	-	---	---	---	---	---	---	---	---
Nitrobenzene	µg/L	-	-	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG		MG-SLAG	
Location Code		S1-BH10		S1-TPE11		S1-TPE20		S1-TPE37		S1-TPE39	
Matrix Type		Soil		Soil		Soil		Soil		Soil	
Lab Report Number		20211022 ARC SSI1-SS12									
Date		17 Oct 2017		27 Feb 2017		01 Mar 2017		14 Mar 2017		06 Mar 2017	
Depth		4.5 - 4.5		1.5		0.5		3		1.8	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Pentachlorophenol	µg/L	-	0.4 ^{#19}	---	---	---	---	---	---	---	---
PCB											
PCB 12	µg/L	-	-	---	---	---	---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 101	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 118 + PCB 123	mg/L	-	-	---	---	---	---	---	---	---	---
PCB 138	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 153	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 180	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 52	µg/L	-	-	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-	---	---	---	---	---	---	---	---
Total PCB WHO 12	µg/L	-	-	---	---	---	---	---	---	---	---
PCBs (Sum of total)	µg/L	-	-	---	---	---	---	---	---	---	---
Solvents											
Acetone	µg/L	-	-	---	---	---	---	---	---	---	---
PAH/Phenols											
PAHs (Sum of 4)	µg/L	-	-	---	---	---	---	---	---	---	---
Pesticides											
Heptachlor epoxide	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---	---
Simetryn	mg/L	-	-	---	---	---	---	---	---	---	---
Tokuthion	µg/L	-	-	---	---	---	---	---	---	---	---
Secbumeton	µg/L	-	-	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-Dichlorprop	µg/L	-	-	---	---	---	---	---	---	---	---
4,4-DDE	µg/L	-	0.00625 ^{#37}	---	---	---	---	---	---	---	---
a-BHC	µg/L	-	-	---	---	---	---	---	---	---	---
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---	---
Aldrin + Dieldrin	µg/L	-	-	---	---	---	---	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	µg/L	-	-	---	---	---	---	---	---	---	---
Ametryn	µg/L	-	-	---	---	---	---	---	---	---	---
Actril (loxynil)	µg/L	-	10 ^{#20}	---	---	---	---	---	---	---	---
Atraton	µg/L	-	-	---	---	---	---	---	---	---	---
Atrazine	µg/L	-	0.6 ^{#19}	---	---	---	---	---	---	---	---
Azinophos methyl	µg/L	-	0.01 ^{#30}	---	---	---	---	---	---	---	---
b-BHC	µg/L	-	-	---	---	---	---	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	---	---	---	---	---
Bentazone	µg/L	-	500 ^{#20}	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	µg/L	-	-	---	---	---	---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	---	---	---	---
gamma-Chlordane	µg/L	-	-	---	---	---	---	---	---	---	---
Chlorpyrifos	µg/L	-	0.03 ^{#19}	---	---	---	---	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---	---	---	---	---
Coumaphos	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---	---
d-BHC	µg/L	-	-	---	---	---	---	---	---	---	---
DDT	µg/L	-	0.01 ^{#39}	---	---	---	---	---	---	---	---
Demeton-O	µg/L	-	-	---	---	---	---	---	---	---	---
Demeton-S	µg/L	-	-	---	---	---	---	---	---	---	---
Diazinon	µg/L	-	0.01 ^{#19}	---	---	---	---	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	---	---	---	---	---



Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				S1-BH10	S1-TPE11	S1-TPE20	S1-TPE37	S1-TPE39	S1-TPE41	S1-TPE44
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				20211022 ARC SS11-SS12						
Date				17 Oct 2017	27 Feb 2017	01 Mar 2017	14 Mar 2017	06 Mar 2017	06 Mar 2017	06 Mar 2017
Depth				4.5 - 4.5	1.5	0.5	3	1.8	1.7	4.2
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Dichlorvos	µg/L	-	0.04 ^{#20}	---	---	---	---	---	---	---
Dieldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---
Disulfoton	µg/L	-	-	---	---	---	---	---	---	---
Endosulfan I	µg/L	-	-	---	---	---	---	---	---	---
Endosulfan II	µg/L	-	-	---	---	---	---	---	---	---
Endosulfan sulphate	µg/L	-	-	---	---	---	---	---	---	---
Endrin	µg/L	-	0.00125 ^{#38}	---	---	---	---	---	---	---
Endrin aldehyde	µg/L	-	-	---	---	---	---	---	---	---
Endrin ketone	µg/L	-	-	---	---	---	---	---	---	---
Ethoprop	µg/L	-	-	---	---	---	---	---	---	---
Fensulfothion	µg/L	-	-	---	---	---	---	---	---	---
Fenthion	µg/L	-	-	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---
g-BHC (Lindane)	µg/L	-	-	---	---	---	---	---	---	---
Heptachlor	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---
Merphos	µg/L	-	-	---	---	---	---	---	---	---
Methoxychlor	µg/L	-	-	---	---	---	---	---	---	---
Methyl parathion	µg/L	-	-	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	µg/L	-	-	---	---	---	---	---	---	---
Naled (Dibrom)	µg/L	-	-	---	---	---	---	---	---	---
Phorate	µg/L	-	-	---	---	---	---	---	---	---
Picloram	µg/L	-	-	---	---	---	---	---	---	---
Prometon	µg/L	-	-	---	---	---	---	---	---	---
Prometryn	µg/L	-	-	---	---	---	---	---	---	---
Propazine	µg/L	-	-	---	---	---	---	---	---	---
Ronnel	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---
Simazine	µg/L	-	1 ^{#19}	---	---	---	---	---	---	---
Stirophos	µg/L	-	-	---	---	---	---	---	---	---
Terbutryn	µg/L	-	-	---	---	---	---	---	---	---
Terbutylazine	µg/L	-	-	---	---	---	---	---	---	---
Trichloronate	µg/L	-	-	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---
Field										
pH (Field)	pH_Units	6.5-9.5 ^{#1}	-	---	---	---	---	---	---	---

Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				S1-TPE54	S1-TPE59	S1-TPE62	S1-TPE69	S1-TPE70	S1-TPE73
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number									
Date				19 Apr 2017	08 Mar 2017	08 Mar 2017	01 Jan 2016	01 Jan 2016	20 Apr 2017
Depth				2.9	3.5	3.2	3.8	1	3.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Metals									
Aluminium (filtered)	µg/L	200 ^{#1}	-	---	---	---	---	---	---
Antimony (filtered)	µg/L	5 ^{#1}	-	---	---	---	---	---	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	1.9	5.3	2.9	1	1	1.2
Barium (filtered)	µg/L	1,300 ^{#2}	-	29	41	21	6.9	---	13
Beryllium (filtered)	µg/L	-	-	<0.1	<0.1	<0.1	<0.1	---	<0.1
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	<100	<100	<100	<100	<100	<100
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	<0.03	<0.03	<0.03	0.04	0.04	<0.03
Calcium (filtered)	mg/L	-	-	---	---	---	---	---	---
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	1.2	0.44	<0.25	1.3	2.7	11
Chromium (Trivalent) (filtered)	µg/L	-	-	1.2	0.44	<0.25	1.3	2.7	11
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	1.7	0.5	0.4	1.3	0.6	7.7
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	---	<5.5	<5.5	12	---	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	<0.09	<0.09	<0.09	<0.09	0.11	0.21
Magnesium (filtered)	mg/L	-	-	---	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	1.5	6.6	7.1	1	---	<0.22
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	<0.01	0.03	0.02	<0.01	<0.01	0.01
Molybdenum (filtered)	µg/L	70 ^{#3}	-	---	---	---	---	---	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Potassium (filtered)	mg/L	-	-	---	---	---	---	---	---
Selenium (filtered)	µg/L	10 ^{#1}	-	1.2	1.3	1	<0.25	1.9	8.7
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	---	---	---	---	---	---
Tin (filtered)	µg/L	-	10 ^{#25}	---	---	---	---	---	---
Titanium (filtered)	µg/L	-	-	---	---	---	---	---	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	9.7	8.3	6.6	3.2	---	15
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	<1.3	1.6	2.4	1.8	<1.3	<1.3
Inorganics									
Total Hardness	mg/l	-	-	---	---	---	---	---	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	---	---	---	---	---
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	<0.015	<0.015	0.055	0.018	---	0.017
Chloride	mg/L	250 ^{#1}	-	1.6	2.6	3.4	---	---	4.6
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---
Sulphate	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---
Sulphate (2:1 Water Soluble) as SO4	mg/L	-	-	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	-	-	---	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	9.7	7.3	8	9.9	8.9	11.8
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	---	---	---	---
Sulphate (Soluble) (filtered)	µg/L	-	-	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	---	---	---	---	---	---
Sulphur as S (filtered)	mg/L	-	-	---	---	---	---	---	---
Sulphur (free)	mg/L	-	-	---	---	---	---	---	---
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	---	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	---	---	---



		Matrix Description	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		Location Code	S1-TPE54	S1-TPE59	S1-TPE62	S1-TPE69	S1-TPE70	S1-TPE73
		Matrix Type	Soil	Soil	Soil	Soil	Soil	Soil
		Lab Report Number						
		Date	19 Apr 2017	08 Mar 2017	08 Mar 2017	01 Jan 2016	01 Jan 2016	20 Apr 2017
		Depth	2.9	3.5	3.2	3.8	1	3.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS					
Ortho phosphate as PO4	mg/l	-	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/l	-	---	---	---	---	---	---
Silica	µg/L	-	---	---	---	---	---	---
Fluoride	µg/L	1,500 ^{#1}	---	---	---	---	---	---
Fluoride (filtered)	µg/L	1,500 ^{#1}	---	---	---	---	---	---
Other								
Dissolved Organic Carbon (filtered)	µg/L	-	---	---	---	---	---	---
Electrical conductivity *(lab)	µS/cm	-	---	---	---	---	---	---
TPH CWG								
>C5-C6 Aliphatics	µg/L	See TPH	---	---	---	---	---	---
>C6-C8 Aliphatics	µg/L	See TPH	---	---	---	---	---	---
>C8-C10 Aliphatics	µg/L	See TPH	---	---	---	---	---	---
>C10-C44 Aliphatics	µg/L	-	---	---	---	---	---	---
>C10-C12 Aliphatics	µg/L	See TPH	---	---	---	---	---	---
>C12-C16 Aliphatics	µg/L	See TPH	---	---	---	---	---	---
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	---	---	---	---	---	---
>C16-C21 Aliphatics	µg/L	See TPH	---	---	---	---	---	---
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	---	---	---	---	---	---
>C16-C35 Aliphatics	µg/L	-	---	---	---	---	---	---
>C21-C35 Aliphatics	µg/L	See TPH	---	---	---	---	---	---
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	---	---	---	---	---	---
Total Aliphatics >C5-C35	µg/L	See TPH	---	---	---	---	---	---
Total Aliphatics >C12-C35 (filtered)	µg/L	-	---	---	---	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	---	---	---	---	---	---
>EC7-EC8 Aromatics	µg/L	See TPH	---	---	---	---	---	---
>EC10-EC44 Aromatics	µg/L	-	---	---	---	---	---	---
>EC8-EC10 Aromatics	µg/L	See TPH	---	---	---	---	---	---
>EC6-EC7 Aromatics	µg/L	-	---	---	---	---	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	---	---	---	---	---	---
>EC12-EC16 Aromatics	µg/L	See TPH	---	---	---	---	---	---
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	---	---	---	---	---	---
>EC16-EC35 Aromatics (filtered)	µg/L	-	---	---	---	---	---	---
>EC16-EC21 Aromatics	µg/L	See TPH	---	---	---	---	---	---
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	---	---	---	---	---	---
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	---	---	---	---	---	---
>EC35-EC44 Aromatics	µg/L	-	---	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	µg/L	-	---	---	---	---	---	---
Total Aromatics >EC5-EC35	µg/L	See TPH	---	---	---	---	---	---
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	---	---	---	---	---	---
TPH								
EPH >C10-40	µg/L	-	---	---	---	---	---	---
GRO >C5-12	µg/L	-	---	---	---	---	---	---
GRO C5-C10	µg/L	-	---	---	---	---	---	---
BTEX and MTBE								
Benzene	µg/L	1 ^{#1}	---	---	---	---	---	---
Toluene	µg/L	700 ^{#2}	---	---	---	---	---	---
Ethylbenzene	µg/L	300 ^{#2}	---	---	---	---	---	---
Xylene (m & p)	µg/L	250 ^{#9}	---	---	---	---	---	---
Xylene (o)	µg/L	250 ^{#9}	---	---	---	---	---	---
Xylene Total	µg/L	500 ^{#2}	---	---	---	---	---	---
MTBE	µg/L	15 ^{#10}	---	---	---	---	---	---
Total BTEX	µg/L	-	---	---	---	---	---	---
PAH								
Naphthalene	µg/L	-	---	---	---	---	---	---
Naphthalene (filtered)	µg/L	-	---	---	---	---	---	---
Acenaphthene	µg/L	-	---	---	---	---	---	---
Acenaphthene (filtered)	µg/L	-	---	---	---	---	---	---
Acenaphthylene	µg/L	-	---	---	---	---	---	---
Acenaphthylene (filtered)	µg/L	-	---	---	---	---	---	---
Fluoranthene	µg/L	-	---	---	---	---	---	---
Fluoranthene (filtered)	µg/L	-	---	---	---	---	---	---
Anthracene	µg/L	-	---	---	---	---	---	---
Anthracene (filtered)	µg/L	-	---	---	---	---	---	---
Phenanthrene	µg/L	-	---	---	---	---	---	---
Phenanthrene (filtered)	µg/L	-	---	---	---	---	---	---
Fluorene	µg/L	-	---	---	---	---	---	---
Fluorene (filtered)	µg/L	-	---	---	---	---	---	---
Chrysene	µg/L	-	---	---	---	---	---	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		S1-TPE54	S1-TPE59	S1-TPE62	S1-TPE69	S1-TPE70	S1-TPE73
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number							
Date		19 Apr 2017	08 Mar 2017	08 Mar 2017	01 Jan 2016	01 Jan 2016	20 Apr 2017
Depth		2.9	3.5	3.2	3.8	1	3.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS				
Chrysene (filtered)	µg/L	-	-	---	---	---	---
Pyrene	µg/L	-	-	---	---	---	---
Pyrene (filtered)	µg/L	-	-	---	---	---	---
Benzo(a)anthracene	µg/L	-	-	---	---	---	---
Benzo(a)anthracene (filtered)	µg/L	-	-	---	---	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---
Benzo(b+k)fluoranthene	µg/L	-	-	---	---	---	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	---	---	---
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	---	---	---
Dibenz(a,h)anthracene	µg/L	-	-	---	---	---	---
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	---	---	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	---	---	---
PAH 16 Total	µg/L	-	-	---	---	---	---
PAH 16 Total (filtered)	µg/L	-	-	---	---	---	---
Phenolics							
Total Phenols (monohydric)	µg/L	-	-	---	---	---	---
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	---
Xylenols	µg/L	-	-	---	---	---	---
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	---	---	---
Phenols Monohydric	µg/L	-	-	---	---	---	---
VOC							
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---	---	---
Styrene	µg/L	-	50 ^{#20}	---	---	---	---
cis-1,3-dichloropropene	µg/L	-	-	---	---	---	---
trans-1,3-dichloropropene	µg/L	-	-	---	---	---	---
1,1,1,2-tetrachloroethane	µg/L	-	-	---	---	---	---
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	---	---	---	---
1,1,2,2-tetrachloroethane	µg/L	-	-	---	---	---	---
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	---	---	---	---
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	---	---	---	---
1,1-dichloroethene	µg/L	140 ^{#14}	-	---	---	---	---
1,1-dichloropropene	µg/L	-	-	---	---	---	---
1,2,3-trichloropropane	µg/L	-	-	---	---	---	---
1,2,4-trimethylbenzene	µg/L	-	-	---	---	---	---
1,2-dibromo-3-chloropropane	µg/L	-	-	---	---	---	---
1,2-dibromoethane	µg/L	-	-	---	---	---	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	---	---	---	---
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---	---	---
1,2-dichloropropane	µg/L	-	-	---	---	---	---
1,3,5-trimethylbenzene	µg/L	-	-	---	---	---	---
1,3-dichloropropane	µg/L	-	-	---	---	---	---
2,2-dichloropropane	µg/L	-	-	---	---	---	---
Trihalomethanes	µg/L	100 ^{#1}	-	---	---	---	---
2-chlorotoluene	µg/L	-	-	---	---	---	---
4-chlorotoluene	µg/L	-	-	---	---	---	---
Bromobenzene	µg/L	-	-	---	---	---	---
Bromochloromethane	µg/L	-	-	---	---	---	---
Bromodichloromethane	µg/L	25 ^{#15}	-	---	---	---	---
Bromoform	µg/L	25 ^{#15}	-	---	---	---	---
Bromomethane	µg/L	-	-	---	---	---	---
Carbon disulfide	µg/L	-	-	---	---	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	---	---	---	---
Chlorodibromomethane	µg/L	25 ^{#15}	-	---	---	---	---
Chloroethane	µg/L	-	-	---	---	---	---
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	---	---	---	---
Chloromethane	µg/L	-	-	---	---	---	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	---	---
Dibromomethane	µg/L	-	-	---	---	---	---
Dichlorodifluoromethane	µg/L	-	-	---	---	---	---
Dichloromethane	µg/L	-	20 ^{#19}	---	---	---	---
Isopropylbenzene	µg/L	-	-	---	---	---	---
n-butylbenzene	µg/L	-	-	---	---	---	---
n-propylbenzene	µg/L	-	-	---	---	---	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		S1-TPE54	S1-TPE59	S1-TPE62	S1-TPE69	S1-TPE70	S1-TPE73
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number							
Date		19 Apr 2017	08 Mar 2017	08 Mar 2017	01 Jan 2016	01 Jan 2016	20 Apr 2017
Depth		2.9	3.5	3.2	3.8	1	3.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS				
p-isopropyltoluene	µg/L	-	-	---	---	---	---
sec-butylbenzene	µg/L	-	-	---	---	---	---
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	---	---
tert-butylbenzene	µg/L	-	-	---	---	---	---
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	---	---
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	---	---
Trichlorofluoromethane	µg/L	-	-	---	---	---	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	---	---	---
tert-Amyl methyl ether	µg/L	-	-	---	---	---	---
VOC/SVOC							
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	---
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	---
Chlorobenzene	µg/L	100 ^{#18}	-	---	---	---	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	---	---	---	---
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	---	---
SVOC							
1,4-dinitrobenzene	µg/L	-	-	---	---	---	---
Benzyl alcohol	µg/L	-	-	---	---	---	---
4-bromophenyl phenyl ether	µg/L	-	-	---	---	---	---
4-nitroaniline	µg/L	-	-	---	---	---	---
4-nitrophenol	µg/L	-	-	---	---	---	---
1,3-Dinitrobenzene	µg/L	-	-	---	---	---	---
1-Methylnaphthalene	µg/L	-	-	---	---	---	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	---	---	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	---	---	---	---
2,4,6-trichlorophenol	µg/L	-	-	---	---	---	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	---	---	---	---
2,4-dimethylphenol	µg/L	-	-	---	---	---	---
2,4-dinitrotoluene	µg/L	-	-	---	---	---	---
2,6-dichlorophenol	µg/L	-	-	---	---	---	---
2,6-Dimethylphenol	µg/L	-	-	---	---	---	---
2,6-dinitrotoluene	µg/L	-	-	---	---	---	---
2-chloronaphthalene	µg/L	-	-	---	---	---	---
2-chlorophenol	µg/L	-	50 ^{#20}	---	---	---	---
2-methylnaphthalene	µg/L	-	-	---	---	---	---
2-methylphenol	µg/L	-	-	---	---	---	---
2-nitroaniline	µg/L	-	-	---	---	---	---
2-nitrophenol	µg/L	-	-	---	---	---	---
3-nitroaniline	µg/L	-	-	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	---	---	---	---
4-chloroaniline	µg/L	-	-	---	---	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	---	---	---
4-methylphenol	µg/L	-	-	---	---	---	---
Aniline	µg/L	-	-	---	---	---	---
Azobenzene	µg/L	-	-	---	---	---	---
Bis(2-chloroethoxy) methane	µg/L	-	-	---	---	---	---
Bis(2-chloroethyl)ether	µg/L	-	-	---	---	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	---	---	---
Bis(2-ethylhexyl)ester	µg/L	-	-	---	---	---	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	---	---	---
Carbazole	µg/L	-	-	---	---	---	---
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	---	---
Dibenzofuran	µg/L	-	-	---	---	---	---
Diethylphthalate	µg/L	-	200 ^{#20}	---	---	---	---
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	---	---	---
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	---	---	---
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	---	---	---
Diphenylamine	µg/L	-	-	---	---	---	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	---	---	---	---
Hexachlorocyclopentadiene	µg/L	-	-	---	---	---	---
Hexachloroethane	µg/L	-	-	---	---	---	---
Isophorone	µg/L	-	-	---	---	---	---
Nitrobenzene	µg/L	-	-	---	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		S1-TPE54	S1-TPE59	S1-TPE62	S1-TPE69	S1-TPE70	S1-TPE73
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number							
Date		19 Apr 2017	08 Mar 2017	08 Mar 2017	01 Jan 2016	01 Jan 2016	20 Apr 2017
Depth		2.9	3.5	3.2	3.8	1	3.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS				
Pentachlorophenol	µg/L	-	0.4 ^{#19}	---	---	---	---
PCB							
PCB 12	µg/L	-	-	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---	---	---
PCB 101	µg/L	-	-	---	---	---	---
PCB 118 + PCB 123	mg/L	-	-	---	---	---	---
PCB 138	µg/L	-	-	---	---	---	---
PCB 153	µg/L	-	-	---	---	---	---
PCB 180	µg/L	-	-	---	---	---	---
PCB 28 + PCB 31	µg/L	-	-	---	---	---	---
PCB 52	µg/L	-	-	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-	---	---	---	---
Total PCB WHO 12	µg/L	-	-	---	---	---	---
PCBs (Sum of total)	µg/L	-	-	---	---	---	---
Solvents							
Acetone	µg/L	-	-	---	---	---	---
PAH/Phenols							
PAHs (Sum of 4)	µg/L	-	-	---	---	---	---
Pesticides							
Heptachlor epoxide	µg/L	0.03 ^{#1}	-	---	---	---	---
Simetryn	mg/L	-	-	---	---	---	---
Tokuthion	µg/L	-	-	---	---	---	---
Secbumeton	µg/L	-	-	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---
2,4-Dichlorprop	µg/L	-	-	---	---	---	---
4,4-DDE	µg/L	-	0.00625 ^{#37}	---	---	---	---
a-BHC	µg/L	-	-	---	---	---	---
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---
Aldrin + Dieldrin	µg/L	-	-	---	---	---	---
Aldrin+Dieldrin+Endrin+Isodrin	µg/L	-	-	---	---	---	---
Ametryn	µg/L	-	-	---	---	---	---
Actril (loxynil)	µg/L	-	10 ^{#20}	---	---	---	---
Atraton	µg/L	-	-	---	---	---	---
Atrazine	µg/L	-	0.6 ^{#19}	---	---	---	---
Azinophos methyl	µg/L	-	0.01 ^{#30}	---	---	---	---
b-BHC	µg/L	-	-	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	---
Bentazone	µg/L	-	500 ^{#20}	---	---	---	---
Bolstar (Sulprofos)	µg/L	-	-	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---
gamma-Chlordane	µg/L	-	-	---	---	---	---
Chlorpyrifos	µg/L	-	0.03 ^{#19}	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---
Coumaphos	µg/L	-	0.03 ^{#20}	---	---	---	---
d-BHC	µg/L	-	-	---	---	---	---
DDT	µg/L	-	0.01 ^{#39}	---	---	---	---
Demeton-O	µg/L	-	-	---	---	---	---
Demeton-S	µg/L	-	-	---	---	---	---
Diazinon	µg/L	-	0.01 ^{#19}	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	---



Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				S1-TPE54	S1-TPE59	S1-TPE62	S1-TPE69	S1-TPE70	S1-TPE73
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number									
Date				19 Apr 2017	08 Mar 2017	08 Mar 2017	01 Jan 2016	01 Jan 2016	20 Apr 2017
Depth				2.9	3.5	3.2	3.8	1	3.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Dichlorvos	µg/L	-	0.04 ^{#20}	---	---	---	---	---	---
Dieldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---
Disulfoton	µg/L	-	-	---	---	---	---	---	---
Endosulfan I	µg/L	-	-	---	---	---	---	---	---
Endosulfan II	µg/L	-	-	---	---	---	---	---	---
Endosulfan sulphate	µg/L	-	-	---	---	---	---	---	---
Endrin	µg/L	-	0.00125 ^{#38}	---	---	---	---	---	---
Endrin aldehyde	µg/L	-	-	---	---	---	---	---	---
Endrin ketone	µg/L	-	-	---	---	---	---	---	---
Ethoprop	µg/L	-	-	---	---	---	---	---	---
Fensulfothion	µg/L	-	-	---	---	---	---	---	---
Fenthion	µg/L	-	-	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---
g-BHC (Lindane)	µg/L	-	-	---	---	---	---	---	---
Heptachlor	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---
Merphos	µg/L	-	-	---	---	---	---	---	---
Methoxychlor	µg/L	-	-	---	---	---	---	---	---
Methyl parathion	µg/L	-	-	---	---	---	---	---	---
Mevinphos (Phosdrin)	µg/L	-	-	---	---	---	---	---	---
Naled (Dibrom)	µg/L	-	-	---	---	---	---	---	---
Phorate	µg/L	-	-	---	---	---	---	---	---
Picloram	µg/L	-	-	---	---	---	---	---	---
Prometon	µg/L	-	-	---	---	---	---	---	---
Prometryn	µg/L	-	-	---	---	---	---	---	---
Propazine	µg/L	-	-	---	---	---	---	---	---
Ronnel	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---
Simazine	µg/L	-	1 ^{#19}	---	---	---	---	---	---
Stirophos	µg/L	-	-	---	---	---	---	---	---
Terbutryn	µg/L	-	-	---	---	---	---	---	---
Terbutylazine	µg/L	-	-	---	---	---	---	---	---
Trichloronate	µg/L	-	-	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---
Field									
pH (Field)	pH_Units	6.5-9.5 ^{#1}	-	---	---	---	---	---	---

Comments

- #1 Water Supply (Water Quality) Regulations 2016.
- #2 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011
- #3 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Informal value.
- #4 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Based on taste rather than a formal guideline.
- #5 Water Supply (Water Quality) Regulations 2016. As NO3.
- #6 Water Supply (Water Quality) Regulations 2016. As NO2.
- #7 Water Supply (Water Quality) Regulations 2016. As SO4.
- #8 No UK DWS for total petroleum hydrocarbons (TPH), or speciated TPH fractions. A value of 10 µg/l is adopted for sum TPH based on the rescinded Private Water Supply Regulations, 1991.
- #9 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Value of 500µg/l for sum xylenes split between isomers. Requires summation of m,p & o isomers to use 500µg/l value.
- #10 The taste and odour threshold of 15µg/l is commonly adopted as a guide.
- #11 Water Supply (Water Quality) Regulations 2016. Value of 0.1µg/l for PAH split between four individual PAH. Requires summation of benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene and indeno(123cd)pyrene to use 0.1µg/l value.
- #12 US EPA Regional Screening Levels, May 2019. <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables>
- #13 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. In Scotland a value of 200µg/l is used (WAT-PS-10-01).
- #14 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. In Scotland a value of 7µg/l is used (WAT-PS-10-01).
- #15 Water Supply (Water Quality) Regulations 2016. Value of 100µg/l for sum trihalomethanes split between individual compounds. Requires summation of chloroform, bromoform, chlorodibromomethane and dibromochloromethane to use 100µg/l value.
- #16 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Value of 50µg/l for sum cis & trans-DCE split between isomers. Requires summation of cis & trans-DCE isomers to use 50µg/l value.
- #17 Water Supply (Water Quality) Regulations 2016. Value of 10µg/l for sum of TCE & PCE split between individual compounds. Requires summation of TCE & PCE to use 10µg/l value.
- #18 Position statement (WAT-PS-10-01). SEPA August 2014.
- #19 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015.
- #20 Operational Targets and EQS. EA, April 2016
- #21 Water Framework Directive (Standards and Classification) Directions (England & Wales) 2015. Dissolved fraction.
- #22 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Dissolved Fraction. If DOC >1mg/l then a higher criteria applies $[3.76 + (2.677 \times ((\text{DOC}/2) - 0.5))]$
- #23 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Based on value for dissolved iron.
- #24 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Dissolved Fraction. MAC adopted in absence of AA value.
- #25 Operational Targets and EQS. EA, April 2018. Dissolved Fraction.
- #26 Operational Targets and EQS. EA, April 2018.
- #27 Operational Targets and EQS. EA, April 2018. Dissolved plus ambient background concentration. For saltwater, an Ambient Background Concentration of 1.1 µg/l has been used
- #28 Operational Targets and EQS. EA, April 2018. Maximum Allowable Concentration (MAC) adopted in absence of Annual Average (AA) value.
- #29 Operational Targets and EQS. EA, April 2018. Based on value for hydrogen sulphide. MAC adopted in absence of AA value.
- #30 Operational Targets and EQS. EA, April 2018. Dissolved fraction.
- #31 No UK EQS for total petroleum hydrocarbons (TPH), or speciated TPH fractions. A value of 50 µg/l is adopted for sum TPH protection of surface water based on 50µg/l-1000µg/l (Surface Waters (Abstraction for Drinking Water) Regulations 1989).
- #32 Proposed Environmental Quality Standard, in absence of legislative standard (Ayscough et al., 2002). https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/291223/sp2-115-t4-e-e.pdf
- #33 Operational Targets and EQS. EA, April 2018. Value of 30µg/l for sum xylenes split between isomers. Requires summation of m,p & o isomers to use 30µg/l value.
- #34 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Benzo(a)pyrene can be considered as a marker for other PAH for comparison with the corresponding AA-EQS in water.
- #35 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Value of 0.4µg/l for sum isomers split between 3 isomers. Requires summation of isomers to use 0.4µg/l value.
- #36 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Value of 20µg/l for sum isomers split between 3 isomers. Requires summation of isomers to use 20µg/l value.
- #37 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Value of 0.025µg/l for sum DDT isomers split between 4 isomers. Requires summation of 4 isomers to use 0.025µg/l value.
- #38 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Value of 0.005µg/l for sum isomers split between 4 isomers. Requires summation of isomers to use 0.005µg/l value.
- #39 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Relates to p,p-DDT (CAS 50-29-3)

Key

MG-C = Made Ground - Cohesive
MG-G = Made Ground - Granular
MG-SLAG = Made Ground - Slag



Matrix Description		MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF
Location Code		15ET29	B-BH12	B-BH18	B-BH18	B-BH21	B-BH23	B-BH25	B-BH25	B-BH31	B-TP12
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number			23-21439	23-17605-1-1	23-17605-1-1	23-18898	23-22399	23-20821	23-20821	23-19613	23-18900
Date		10 Jun 2004	31 Aug 2023	19 Jul 2023	19 Jul 2023	03 Aug 2023	12 Sep 2023	29 Aug 2023	29 Aug 2023	08 Aug 2023	02 Aug 2023
Depth		0.5 - 0.5	2.3	3.85	3.85	3.6	3.6	2	3.85	3.85	2
	Unit										
Metals											
Aluminium	mg/kg	---	5,000	47,000	---	13,000	3,000	3,900	460	10,000	33,000
Antimony	mg/kg	---	1.6	<1	---	<1	<1	1.5	<1	1.4	1.5
Arsenic	mg/kg	6.4	5.8	5.2	---	5.5	4.8	22	7.3	9.5	9.2
Barium	mg/kg	---	130	370	---	130	54	470	87	170	330
Beryllium	mg/kg	---	0.6	5.2	---	1.6	0.3	3.6	0.3	0.7	3.9
Boron	mg/kg	<0.5	---	---	---	---	---	---	---	---	---
Boron (filtered)	mg/kg	---	1.6	5.5	---	4.8	1.5	4.4	0.8	3.2	3.8
Cadmium	mg/kg	0.28	0.2	<0.1	---	0.1	<0.1	0.4	<0.1	0.2	0.4
Calcium	mg/kg	---	51,000	120,000	---	40,000	8,900	12,000	7,500	41,000	94,000
Chromium (hexavalent)	mg/kg	---	<1	<1	---	<1	<1	<1	<1	<1	<1
Chromium	mg/kg	5.5	77	13	---	14	4.6	76	8	25	69
Chromium (Trivalent)	mg/kg	---	77	13	---	14	4.6	76	8	25	69
Copper	mg/kg	1.7	9.2	6.2	---	28	4	22	5.1	59	30
Iron	mg/kg	---	13,000	5,800	---	10,000	6,600	2,500	2,000	24,000	27,000
Lead	mg/kg	20.2	32	5.3	---	14	14	40	9.8	23	43
Magnesium	mg/kg	---	6,100	22,000	---	8,900	3,900	1,800	1,300	14,000	16,000
Manganese	mg/kg	---	1,400	2,700	---	720	520	600	440	510	3,400
Mercury	mg/kg	<0.10	<0.05	<0.05	---	0.16	<0.05	0.07	<0.05	0.38	<0.05
Molybdenum	mg/kg	---	0.6	<0.4	---	<0.4	<0.4	0.7	0.5	1.8	0.6
Nickel	mg/kg	3	4.1	1.9	---	8	1.8	7.9	7.8	22	8.1
Potassium	mg/kg	---	470	2,100	---	1,400	300	2,400	540	2,500	1,700
Selenium	mg/kg	<0.50	0.5	2.2	---	0.5	<0.5	3.3	<0.5	<0.5	2.1
Silicon	mg/kg	---	---	---	---	---	---	65,000	---	140,000	---
Sodium	mg/kg	---	360	960	---	520	450	1,200	310	590	690
Tin	mg/kg	---	1	<1	---	<1	<1	<1	<1	<1	2.1
Titanium	mg/kg	---	200	610	---	290	110	750	150	250	630
Vanadium	mg/kg	---	100	43	---	28	21	210	20	33	240
Zinc	mg/kg	23.8	88	32	---	45	31	220	170	73	130
Asbestos											
Asbestos fibres	Detect	---	---	---	---	---	---	---	---	---	---
Asbestos ID (Stage 1)	Detect	---	0	---	---	---	---	0	---	---	---
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	---	0.58	1.2	---	3	0.69	3	1.3	4	2.1
Nitrite (as N)	mg/kg	---	<0.5	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chloride	mg/kg	---	70.6	102	---	70.6	122	15.3	6.8	51.6	18.9
Cyanide (Free)	mg/kg	<1	<0.1	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cyanide Total	mg/kg	<1	0.9	0.5	---	0.6	<0.1	1.3	0.3	0.2	0.6
Cyanide (Complex)	mg/kg	---	0.9	0.5	---	0.6	<0.2	1.3	0.3	0.2	0.6
Nitrate (as NO3-)	mg/kg	---	4.5	23	---	6.1	11	14	5.8	6.5	12
Nitrite (as NO2-)	mg/kg	---	1.8	<1	---	<1	5.8	<1	2.5	3.3	<1
Sulphate	mg/kg	---	3,600	11,000	---	6,000	1,500	15,000	1,300	1,900	16,000
Sulphate (2:1 Water Soluble) as SO4	mg/L	---	340	1,100	---	1,200	180	1,300	240	290	1,500
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	0.0239	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	9.8	---	10.3	---	---	---	---	---	---	10.9
Sulphur as S	%	<0.04	0.13	0.34	0.00039	0.25	0.07	0.51	0.04	0.28	0.28
Sulphur (free)	mg/kg	---	2.1	3.9	---	6.9	1.7	2.4	6.9	1.3	---
Sulphide	mg/kg	<5	40	1,800	---	110	230	72	110	100	31
Sulphur as Sulphate, SO4	%	---	---	1.1	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	1.1	<0.6	---	29	<0.6	8.6	<0.6	0.8	26
Ortho phosphate as PO4	mg/kg	---	<0.20	<0.20	---	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Orthophosphate as P	mg/kg	---	<0.1	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoride	mg/kg	---	9.1	11	---	8.9	4.1	8.1	7.5	6.2	11
Other											
Organic Matter	%	---	<0.1	1.5	---	1.5	0.6	1.5	1.2	4.1	2.8
Moisture	%	---	15	16	---	20	20	4.7	18	22	9.5
TPH CWG											
>C5-C6 Aliphatics	mg/kg	---	<0.01	<0.01	---	---	---	---	<0.01	<0.01	---
>C6-C8 Aliphatics	mg/kg	---	<0.01	<0.01	---	---	---	---	<0.01	<0.01	---
>C8-C10 Aliphatics	mg/kg	---	<0.01	<0.01	---	---	---	---	0.77	<0.01	---
>C10-C44 Aliphatics	mg/kg	---	<10	<10	---	---	---	---	<10	<10	---
>C10-C12 Aliphatics	mg/kg	---	<1.5	<1.5	---	---	---	---	<1.5	<1.5	---
>C12-C16 Aliphatics	mg/kg	---	<1.2	<1.2	---	---	---	---	<1.2	<1.2	---
>C16-C21 Aliphatics	mg/kg	---	<1.5	<1.5	---	---	---	---	<1.5	<1.5	---
>C16-C35 Aliphatics	mg/kg	---	<4.9	<4.9	---	---	---	---	<4.9	<4.9	---
>C21-C35 Aliphatics	mg/kg	---	<3.4	<3.4	---	---	---	---	<3.4	<3.4	---
>C35-C44 Aliphatics	mg/kg	---	<3.4	<3.4	---	---	---	---	<3.4	<3.4	---
>EC5-EC7 Aromatics	mg/kg	---	<0.01	<0.01	---	---	---	---	<0.01	<0.01	---
>EC7-EC8 Aromatics	mg/kg	---	<0.01	<0.01	---	---	---	---	<0.01	<0.01	---
>EC10-EC44 Aromatics	mg/kg	---	<10	<10	---	---	---	---	<10	<10	---
>EC8-EC10 Aromatics	mg/kg	---	<0.01	<0.01	---	---	---	---	<0.01	<0.01	---
>EC10-EC12 Aromatics	mg/kg	---	<0.9	<0.9	---	---	---	---	<0.9	<0.9	---
>EC12-EC16 Aromatics	mg/kg	---	<0.5	<0.5	---	---	---	---	<0.5	<0.5	---



Matrix Description		MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF
Location Code		15ET29	B-BH12	B-BH18	B-BH18	B-BH21	B-BH23	B-BH25	B-BH25	B-BH31	B-TP12
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number			23-21439	23-17605-1-1	23-17605-1-1	23-18898	23-22399	23-20821	23-20821	23-19613	23-18900
Date		10 Jun 2004	31 Aug 2023	19 Jul 2023	19 Jul 2023	03 Aug 2023	12 Sep 2023	29 Aug 2023	29 Aug 2023	08 Aug 2023	02 Aug 2023
Depth		0.5 - 0.5	2.3	3.85	3.85	3.6	3.6	2	3.85	3.85	2
	Unit										
>EC16-EC21 Aromatics	mg/kg	---	<0.6	<0.6	---	---	---	---	<0.6	<0.6	---
>EC21-EC35 Aromatics	mg/kg	---	<1.4	<1.4	---	---	---	---	<1.4	<1.4	---
>EC35-EC44 Aromatics	mg/kg	---	<1.4	<1.4	---	---	---	---	<1.4	<1.4	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	<10	<10	---	---	---	---	<10	<10	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	<10	<10	---	---	---	---	0.77	<10	---
TPH											
EPH >C10-40	mg/kg	---	<10	<10	---	<10	<10	<10	<10	<10	<10
GRO	mg/kg	<0.2	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	<0.1	<0.1	---	<0.1	<0.1	<0.1	0.8	<0.1	<0.1
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH by GC/FID (AR)	mg/kg	<10.0	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	<0.01	<0.002	<0.002	---	---	---	---	<0.002	<0.002	---
Toluene	mg/kg	<0.01	<0.005	<0.005	---	---	---	---	<0.005	<0.005	---
Ethylbenzene	mg/kg	<0.01	<0.002	<0.002	---	---	---	---	<0.002	<0.002	---
Xylene (m & p)	mg/kg	---	0.004	<0.002	---	---	---	---	<0.002	0.005	---
Xylene (o)	mg/kg	---	<0.002	<0.002	---	---	---	---	<0.002	<0.002	---
Xylene Total	mg/kg	<0.02	0.006	<0.004	---	---	---	---	<0.004	0.007	---
MTBE	mg/kg	---	<0.005	<0.005	---	---	---	---	<0.005	<0.005	---
PAH											
Naphthalene	mg/kg	<1	<0.03	0.05	---	<0.03	<0.03	<0.03	<0.03	0.05	<0.03
Acenaphthene	mg/kg	<1	<0.03	<0.03	---	<0.03	<0.03	<0.03	<0.03	0.06	<0.03
Acenaphthylene	mg/kg	<1	<0.03	<0.03	---	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fluoranthene	mg/kg	<1	0.04	0.11	---	<0.03	<0.03	<0.03	0.07	0.15	0.08
Anthracene	mg/kg	<1	<0.03	0.03	---	<0.03	<0.03	<0.03	0.03	0.06	<0.03
Phenanthrene	mg/kg	<1	0.04	0.13	---	0.03	<0.03	<0.03	0.1	0.14	0.08
Fluorene	mg/kg	<1	<0.03	<0.03	---	<0.03	<0.03	<0.03	<0.03	0.07	<0.03
Chrysene	mg/kg	<1	<0.03	0.03	---	<0.03	<0.03	<0.03	<0.03	0.04	0.06
Pyrene	mg/kg	<1	0.04	0.09	---	<0.03	<0.03	<0.03	0.06	0.13	0.07
Benzo(a)anthracene	mg/kg	<1	<0.03	0.03	---	<0.03	<0.03	<0.03	<0.03	0.05	0.03
Benzo(b)fluoranthene	mg/kg	<1	<0.03	<0.03	---	<0.03	<0.03	<0.03	<0.03	0.04	0.03
Benzo(k)fluoranthene	mg/kg	<1	<0.03	<0.03	---	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Benzo(b+k)fluoranthene	mg/kg	---	<0.06	<0.06	---	<0.06	<0.06	<0.06	<0.06	0.07	---
Benzo(a)pyrene	mg/kg	<1	<0.03	<0.03	---	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Dibenz(a,h)anthracene	mg/kg	<1	<0.03	<0.03	---	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Benzo(g,h,i)perylene	mg/kg	<1	<0.03	<0.03	---	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Indeno(1,2,3-c,d)pyrene	mg/kg	<1	<0.03	<0.03	---	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
PAH 16 Total	mg/kg	---	0.12	0.38	---	<0.1	<0.1	<0.1	0.23	0.78	0.32
Phenolics											
Total Phenols (monohydric)	mg/kg	---	<0.3	<0.3	---	<0.3	<0.3	<0.3	1.5	<0.3	<0.3
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Xylenols	mg/kg	---	---	<0.01	---	---	---	---	---	---	---
Phenol Index	mg/kg	<0.5	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	0.02	<0.01	---	---	---	---	<0.01	---	---
Phenols Monohydric	mg/kg	---	---	<0.3	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	<0.02	---	---
Styrene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	---	---	---	---	---	---	<0.02	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
Trihalomethanes	mg/kg	---	---	---	---	---	---	---	<0.04	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	<0.01	---	---



Matrix Description		MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF
Location Code		15ET29	B-BH12	B-BH18	B-BH18	B-BH21	B-BH23	B-BH25	B-BH25	B-BH31	B-TP12
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number			23-21439	23-17605-1-1	23-17605-1-1	23-18898	23-22399	23-20821	23-20821	23-19613	23-18900
Date		10 Jun 2004	31 Aug 2023	19 Jul 2023	19 Jul 2023	03 Aug 2023	12 Sep 2023	29 Aug 2023	29 Aug 2023	08 Aug 2023	02 Aug 2023
Depth		0.5 - 0.5	2.3	3.85	3.85	3.6	3.6	2	3.85	3.85	2
	Unit										
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
tert-Amyl methyl ether	mg/kg	---	<0.005	<0.005	---	---	---	---	<0.005	<0.005	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
Trichlorobenzene (total)	mg/kg	---	---	---	---	---	---	---	<0.02	---	---
SVOC											
1,4-dinitrobenzene	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Benzyl alcohol	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
1,2-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
1,3-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
2,4,6-trichlorophenol	mg/kg	---	<0.01	<0.01	---	---	---	---	<0.01	---	---
2,4-dichlorophenol	mg/kg	---	<0.01	<0.01	---	---	---	---	<0.01	---	---
2,4-dimethylphenol	mg/kg	---	<0.01	0.02	---	---	---	---	0.01	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
2,6-dichlorophenol	mg/kg	---	<0.01	<0.01	---	---	---	---	<0.01	---	---
2,6-Dimethylphenol	mg/kg	---	<0.01	<0.01	---	---	---	---	<0.01	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
4-chloro-3-methylphenol	mg/kg	---	<0.01	<0.01	---	---	---	---	<0.01	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
4-methylphenol	mg/kg	---	0.02	0.03	---	---	---	---	<0.01	---	---
Aniline	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Diphenylamine	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	<0.1	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	---	<0.12	<0.12	---	<0.12	<0.12	<0.12	<0.12	0.13	---



Matrix Description		MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF
Location Code		B-TP12	B-TP12	B-TP12	B-TP13	B-TP14	B-TP22	B-TP23	B-TP23	S1-TPE07	S1-TPE09
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-18900	23-18900	23-18900	23-19884	23-20263	23-19614	23-19629	23-19629		
Date		02 Aug 2023	03 Aug 2023	03 Aug 2023	15 Aug 2023	16 Aug 2023	09 Aug 2023	10 Aug 2023	10 Aug 2023		
Depth		2	3	3	4.5	3.9	3.7	2.05	4	3.9	2.5
	Unit										
Metals											
Aluminium	mg/kg	---	27,000	---	31,000	200	7,300	8,700	<1	---	---
Antimony	mg/kg	---	1.9	---	1.1	12	3.8	<1	3.9	---	---
Arsenic	mg/kg	---	24	---	16	11	7.5	8.4	12	3.9	5.3
Barium	mg/kg	---	320	---	300	350	270	190	420	---	---
Beryllium	mg/kg	---	2.8	---	3.4	0.9	0.5	1	0.8	---	---
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron (filtered)	mg/kg	---	3.5	---	2.2	0.9	1.1	1.9	3.5	---	---
Cadmium	mg/kg	---	0.1	---	0.3	2.6	0.2	<0.1	0.3	---	---
Calcium	mg/kg	---	91,000	---	140,000	66	99,000	<1	<1	---	---
Chromium (hexavalent)	mg/kg	---	<1	---	<1	<1	<1	<1	<1	---	---
Chromium	mg/kg	---	88	---	160	940	480	27	200	6.4	9
Chromium (Trivalent)	mg/kg	---	88	---	160	940	480	27	200	6.4	9
Copper	mg/kg	---	13	---	13	210	33	9.8	46	---	---
Iron	mg/kg	---	23,000	---	26,000	730	51,000	14,000	<25	---	---
Lead	mg/kg	---	19	---	29	160	25	16	180	14	69
Magnesium	mg/kg	---	15,000	---	21,000	62	16,000	7,700	6,200	---	---
Manganese	mg/kg	---	8,800	---	9,600	<20	7,700	1,100	490	---	---
Mercury	mg/kg	---	<0.05	---	<0.05	0.89	<0.05	<0.05	0.24	---	---
Molybdenum	mg/kg	---	3	---	0.9	5.6	2.8	1.3	0.9	---	---
Nickel	mg/kg	---	13	---	4	15	9	6.8	32	---	---
Potassium	mg/kg	---	1,800	---	1,700	820	810	770	1,900	---	---
Selenium	mg/kg	---	4.9	---	4.7	8.7	3.6	0.8	<0.5	---	---
Silicon	mg/kg	---	78,000	---	---	---	---	100,000	---	---	---
Sodium	mg/kg	---	760	---	780	700	450	440	1,200	---	---
Tin	mg/kg	---	1.5	---	1.5	12	4.3	<1	3.3	---	---
Titanium	mg/kg	---	570	---	970	2,100	750	270	690	---	---
Vanadium	mg/kg	---	220	---	720	0.9	750	57	56	---	---
Zinc	mg/kg	---	67	---	140	710	68	42	170	---	---
Asbestos											
Asbestos fibres	Detect	---	---	---	---	---	---	---	---	0	0
Asbestos ID (Stage 1)	Detect	---	---	---	---	---	---	0	---	---	---
Inorganics											
Ammoniacal Nitrogen as N	mg/kg	---	1.3	---	0.68	0.78	<0.5	0.6	0.59	---	---
Nitrite (as N)	mg/kg	---	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	---	---
Chloride	mg/kg	---	18.2	---	20.7	38.4	60.5	14.1	25.8	---	---
Cyanide (Free)	mg/kg	---	<0.1	---	<0.1	<0.1	<0.1	0.2	<0.1	---	---
Cyanide Total	mg/kg	---	0.1	---	<0.1	<0.1	0.1	0.3	0.3	---	---
Cyanide (Complex)	mg/kg	---	<0.2	---	<0.2	<0.2	<0.2	<0.2	0.3	---	---
Nitrate (as NO3-)	mg/kg	---	9.2	---	2.6	2.7	5.4	2.3	13	---	---
Nitrite (as NO2-)	mg/kg	---	<1	---	<1	1.7	<1	<1	<1	---	---
Sulphate	mg/kg	---	18,000	---	17,000	14,000	7,000	13,000	600	170	160
Sulphate (2:1 Water Soluble) as SO4	mg/L	---	1,600	---	1,200	270	270	1,600	1,200	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	11.5	---	---	---	---	---	---	---	---
Sulphur as S	%	0.00046	0.43	0.0042	0.51	0.61	0.27	0.2	0.07	---	---
Sulphur (free)	mg/kg	---	---	---	<0.75	<0.75	<0.75	<0.75	<0.75	---	---
Sulphide	mg/kg	---	27	---	150	60	220	200	18	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	26	---	1.8	23	<0.6	2	<0.6	---	---
Ortho phosphate as PO4	mg/kg	---	<0.20	---	<0.20	<0.20	<0.20	<0.20	<0.20	---	---
Orthophosphate as P	mg/kg	---	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	---	---
Fluoride	mg/kg	---	13	---	5.7	9.5	8.3	7.3	15	---	---
Other											
Organic Matter	%	---	2.3	---	0.4	1.4	1.5	0.4	1.1	---	---
Moisture	%	---	11	---	7.9	13	15	7.2	18	---	---
TPH CWG											
>C5-C6 Aliphatics	mg/kg	---	<0.01	---	<0.01	<0.01	<0.01	---	<0.01	---	---
>C6-C8 Aliphatics	mg/kg	---	<0.01	---	<0.01	<0.01	<0.01	---	<0.01	---	---
>C8-C10 Aliphatics	mg/kg	---	<0.01	---	<0.01	<0.01	<0.01	---	<0.01	---	---
>C10-C44 Aliphatics	mg/kg	---	<10	---	<10	22	<10	---	<10	---	---
>C10-C12 Aliphatics	mg/kg	---	<1.5	---	<1.5	<1.5	<1.5	---	<1.5	---	---
>C12-C16 Aliphatics	mg/kg	---	<1.2	---	<1.2	1.3	<1.2	---	<1.2	---	---
>C16-C21 Aliphatics	mg/kg	---	<1.5	---	<1.5	4.9	<1.5	---	<1.5	---	---
>C16-C35 Aliphatics	mg/kg	---	---	---	<4.9	18.9	<4.9	---	<4.9	---	---
>C21-C35 Aliphatics	mg/kg	---	<3.4	---	<3.4	14	<3.4	---	<3.4	---	---
>C35-C44 Aliphatics	mg/kg	---	<3.4	---	<3.4	<3.4	<3.4	---	<3.4	---	---
>EC5-EC7 Aromatics	mg/kg	---	<0.01	---	<0.01	<0.01	<0.01	---	<0.01	---	---
>EC7-EC8 Aromatics	mg/kg	---	<0.01	---	<0.01	<0.01	<0.01	---	<0.01	---	---
>EC10-EC44 Aromatics	mg/kg	---	<10	---	<10	<10	<10	---	<10	---	---
>EC8-EC10 Aromatics	mg/kg	---	<0.01	---	<0.01	<0.01	<0.01	---	<0.01	---	---
>EC10-EC12 Aromatics	mg/kg	---	<0.9	---	<0.9	<0.9	<0.9	---	<0.9	---	---
>EC12-EC16 Aromatics	mg/kg	---	<0.5	---	<0.5	<0.5	<0.5	---	<0.5	---	---

Matrix Description		MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF
Location Code		B-TP12	B-TP12	B-TP12	B-TP13	B-TP14	B-TP22	B-TP23	B-TP23	S1-TPE07	S1-TPE09
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-18900	23-18900	23-18900	23-19884	23-20263	23-19614	23-19629	23-19629		
Date		02 Aug 2023	03 Aug 2023	03 Aug 2023	15 Aug 2023	16 Aug 2023	09 Aug 2023	10 Aug 2023	10 Aug 2023		
Depth		2	3	3	4.5	3.9	3.7	2.05	4	3.9	2.5
	Unit										
>EC16-EC21 Aromatics	mg/kg	---	<0.6	---	<0.6	3.8	<0.6	---	<0.6	---	---
>EC21-EC35 Aromatics	mg/kg	---	<1.4	---	<1.4	3.7	<1.4	---	<1.4	---	---
>EC35-EC44 Aromatics	mg/kg	---	<1.4	---	<1.4	<1.4	<1.4	---	<1.4	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	<10	---	<10	30	<10	---	<10	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	<10	---	<10	27.7	<10	---	<10	---	---
TPH											
EPH >C10-40	mg/kg	---	<10	---	<10	41	<10	<10	<10	---	---
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	---	---
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	<10	<10
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	---	<0.002	---	<0.002	<0.002	<0.002	---	<0.002	---	---
Toluene	mg/kg	---	<0.005	---	<0.005	<0.005	<0.005	---	<0.005	---	---
Ethylbenzene	mg/kg	---	<0.002	---	<0.002	<0.002	<0.002	---	<0.002	---	---
Xylene (m & p)	mg/kg	---	<0.002	---	<0.002	<0.002	<0.002	---	<0.002	---	---
Xylene (o)	mg/kg	---	<0.002	---	<0.002	<0.002	<0.002	---	<0.002	---	---
Xylene Total	mg/kg	---	---	---	<0.004	<0.004	<0.004	---	<0.004	---	---
MTBE	mg/kg	---	<0.005	---	<0.005	<0.005	<0.005	---	<0.005	---	---
PAH											
Naphthalene	mg/kg	---	0.03	---	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Acenaphthene	mg/kg	---	<0.03	---	<0.03	<0.03	<0.03	<0.03	<0.03	---	---
Acenaphthylene	mg/kg	---	<0.03	---	<0.03	<0.03	<0.03	<0.03	<0.03	---	---
Fluoranthene	mg/kg	---	0.42	---	0.09	1.3	<0.03	<0.03	<0.03	---	---
Anthracene	mg/kg	---	<0.03	---	<0.03	0.07	<0.03	<0.03	<0.03	---	---
Phenanthrene	mg/kg	---	0.2	---	0.06	1.5	0.03	<0.03	<0.03	---	---
Fluorene	mg/kg	---	<0.03	---	<0.03	<0.03	<0.03	<0.03	<0.03	---	---
Chrysene	mg/kg	---	0.26	---	0.03	0.33	<0.03	<0.03	<0.03	---	---
Pyrene	mg/kg	---	0.39	---	0.07	0.86	<0.03	<0.03	<0.03	---	---
Benzo(a)anthracene	mg/kg	---	0.13	---	<0.03	0.24	<0.03	<0.03	<0.03	---	---
Benzo(b)fluoranthene	mg/kg	---	0.18	---	<0.03	0.22	<0.03	<0.03	<0.03	---	---
Benzo(k)fluoranthene	mg/kg	---	0.08	---	<0.03	0.09	<0.03	<0.03	<0.03	---	---
Benzo(b+k)fluoranthene	mg/kg	---	---	---	<0.06	0.31	<0.06	<0.06	<0.06	---	---
Benzo(a)pyrene	mg/kg	---	<0.03	---	<0.03	0.12	<0.03	<0.03	<0.03	<0.03	<0.03
Dibenz(a,h)anthracene	mg/kg	---	<0.03	---	<0.03	<0.03	<0.03	<0.03	<0.03	---	---
Benzo(g,h,i)perylene	mg/kg	---	0.05	---	<0.03	0.09	<0.03	<0.03	<0.03	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	0.06	---	<0.03	0.06	<0.03	<0.03	<0.03	---	---
PAH 16 Total	mg/kg	---	1.8	---	0.24	4.8	<0.1	<0.1	<0.1	---	---
Phenolics											
Total Phenols (monohydric)	mg/kg	---	<0.3	---	0.6	<0.3	<0.3	0.7	0.5	---	---
3/4-Methylphenol (m/p-cresol)	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
Xylenols	mg/kg	---	<0.01	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	<0.01	---	0.01	0.01	<0.01	---	<0.01	---	---
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	<0.02	---	---
Styrene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
cis-1,3-dichloropropene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
trans-1,3-dichloropropene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
1,1,1-trichloroethane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
1,1,2-trichloroethane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
1,1-dichloroethane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
1,1-dichloroethene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
1,1-dichloropropene	mg/kg	---	0.01	---	---	---	---	---	<0.01	---	---
1,2,3-trichloropropane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
1,2,4-trimethylbenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
1,2-dibromoethane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
1,2-dichloroethane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	---	---	---	---	---	---	<0.02	---	---
1,2-dichloropropane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
1,3,5-trimethylbenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
1,3-dichloropropane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
2,2-dichloropropane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
Trihalomethanes	mg/kg	---	---	---	---	---	---	---	<0.04	---	---
2-chlorotoluene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
4-chlorotoluene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
Bromobenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
Bromochloromethane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
Bromodichloromethane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
Bromoform	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---

Matrix Description		MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF
Location Code		B-TP12	B-TP12	B-TP12	B-TP13	B-TP14	B-TP22	B-TP23	B-TP23	S1-TPE07	S1-TPE09
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-18900	23-18900	23-18900	23-19884	23-20263	23-19614	23-19629	23-19629		
Date		02 Aug 2023	03 Aug 2023	03 Aug 2023	15 Aug 2023	16 Aug 2023	09 Aug 2023	10 Aug 2023	10 Aug 2023		
Depth		2	3	3	4.5	3.9	3.7	2.05	4	3.9	2.5
	Unit										
Carbon tetrachloride	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
Chlorodibromomethane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
Chloroform	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
cis-1,2-dichloroethene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
Dibromomethane	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
Isopropylbenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
n-butylbenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
n-propylbenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
p-isopropyltoluene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
sec-butylbenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
Trichloroethene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
tert-butylbenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
Tetrachloroethene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
trans-1,2-dichloroethene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
Vinyl chloride	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
tert-Amyl methyl ether	mg/kg	---	<0.005	---	<0.005	<0.005	<0.005	---	<0.005	---	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
1,2,4-trichlorobenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
1,2-dichlorobenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
1,3-dichlorobenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
1,4-dichlorobenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
Chlorobenzene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
Hexachlorobutadiene	mg/kg	---	<0.01	---	---	---	---	---	<0.01	---	---
Trichlorobenzene (total)	mg/kg	---	---	---	---	---	---	---	<0.02	---	---
SVOC											
1,4-dinitrobenzene	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
Benzyl alcohol	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
4-bromophenyl phenyl ether	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
4-nitroaniline	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
4-nitrophenol	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
1,2-Dinitrobenzene	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
1,3-Dinitrobenzene	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
2,4,5-trichlorophenol	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
2,4,6-trichlorophenol	mg/kg	---	<0.01	---	<0.01	<0.01	0.02	---	<0.01	---	---
2,4-dichlorophenol	mg/kg	---	<0.01	---	<0.01	<0.01	<0.01	---	<0.01	---	---
2,4-dimethylphenol	mg/kg	---	<0.01	---	<0.01	<0.01	<0.01	---	<0.01	---	---
2,4-dinitrotoluene	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
2,6-dichlorophenol	mg/kg	---	<0.01	---	<0.01	<0.01	<0.01	---	<0.01	---	---
2,6-Dimethylphenol	mg/kg	---	---	---	<0.01	<0.01	<0.01	---	<0.01	---	---
2,6-dinitrotoluene	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
2-chloronaphthalene	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
2-chlorophenol	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
2-methylnaphthalene	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
2-methylphenol	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
2-nitroaniline	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
3-nitroaniline	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
4-chloro-3-methylphenol	mg/kg	---	<0.01	---	<0.01	0.01	<0.01	---	<0.01	---	---
4-chlorophenyl phenyl ether	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
4-methylphenol	mg/kg	---	<0.01	---	<0.01	<0.01	<0.01	---	<0.01	---	---
Aniline	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
Azobenzene	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
Butyl benzyl phthalate	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
Carbazole	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
Dibenzofuran	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
Diethylphthalate	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
Dimethyl phthalate	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
Di-n-butyl phthalate	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
Di-n-octyl phthalate	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
Diphenylamine	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
Hexachlorobenzene	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
Hexachlorocyclopentadiene	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
Pentachlorophenol	mg/kg	---	<0.1	---	---	---	---	---	<0.1	---	---
PAH/Phenols											
PAHs (Sum of 4)	mg/kg	---	---	---	<0.12	0.46	<0.12	<0.12	<0.12	---	---



Matrix Description		MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF
Location Code		S1-TPE12	S1-TPE14	S1-TPE17	S1-TPE28	S1-TPE49	S1-TPE56
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number							
Date							
Depth		1	3.2	3.1	0.8	3.4	2.6
	Unit						
Metals							
Aluminium	mg/kg	---	---	---	---	---	---
Antimony	mg/kg	---	---	---	---	---	---
Arsenic	mg/kg	6.5	47	7	18	20	12
Barium	mg/kg	---	---	---	---	---	---
Beryllium	mg/kg	---	---	---	---	---	---
Boron	mg/kg	---	---	---	---	---	---
Boron (filtered)	mg/kg	---	---	---	---	---	---
Cadmium	mg/kg	---	---	---	---	---	---
Calcium	mg/kg	---	---	---	---	---	---
Chromium (hexavalent)	mg/kg	---	---	---	---	---	---
Chromium	mg/kg	15	96	29	33	46	190
Chromium (Trivalent)	mg/kg	15	96	29	33	46	190
Copper	mg/kg	---	---	---	---	---	---
Iron	mg/kg	---	---	---	---	---	---
Lead	mg/kg	42	77	11	61	28	29
Magnesium	mg/kg	---	---	---	---	---	---
Manganese	mg/kg	---	---	---	---	---	---
Mercury	mg/kg	---	---	---	---	---	---
Molybdenum	mg/kg	---	---	---	---	---	---
Nickel	mg/kg	---	---	---	---	---	---
Potassium	mg/kg	---	---	---	---	---	---
Selenium	mg/kg	---	---	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---
Sodium	mg/kg	---	---	---	---	---	---
Tin	mg/kg	---	---	---	---	---	---
Titanium	mg/kg	---	---	---	---	---	---
Vanadium	mg/kg	---	---	---	---	---	---
Zinc	mg/kg	---	---	---	---	---	---
Asbestos							
Asbestos fibres	Detect	0	0	0	0	0	0
Asbestos ID (Stage 1)	Detect	---	---	---	---	---	---
Inorganics							
Ammoniacal Nitrogen as N	mg/kg	---	---	---	---	---	---
Nitrite (as N)	mg/kg	---	---	---	---	---	---
Chloride	mg/kg	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	---	---	---	---	---
Cyanide Total	mg/kg	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	---	---	---	---	---
Sulphate	mg/kg	270	1,600	1,500	1,400	1,600	800
Sulphate (2:1 Water Soluble) as SO4	mg/L	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---
pH (Lab)	pH_Units	---	---	---	---	---	---
Sulphur as S	%	---	---	---	---	---	---
Sulphur (free)	mg/kg	---	---	---	---	---	---
Sulphide	mg/kg	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	---	---	---	---	---
Orthophosphate as P	mg/kg	---	---	---	---	---	---
Fluoride	mg/kg	---	---	---	---	---	---
Other							
Organic Matter	%	---	---	---	---	---	---
Moisture	%	---	---	---	---	---	---
TPH CWG							
>C5-C6 Aliphatics	mg/kg	---	---	---	---	---	---
>C6-C8 Aliphatics	mg/kg	---	---	---	---	---	---
>C8-C10 Aliphatics	mg/kg	---	---	---	---	---	---
>C10-C44 Aliphatics	mg/kg	---	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	---	---	---	---	---
>C16-C21 Aliphatics	mg/kg	---	---	---	---	---	---
>C16-C35 Aliphatics	mg/kg	---	---	---	---	---	---
>C21-C35 Aliphatics	mg/kg	---	---	---	---	---	---
>C35-C44 Aliphatics	mg/kg	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	---	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	---	---	---	---	---	---
>EC10-EC44 Aromatics	mg/kg	---	---	---	---	---	---
>EC8-EC10 Aromatics	mg/kg	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	---	---	---	---	---
>EC12-EC16 Aromatics	mg/kg	---	---	---	---	---	---



Matrix Description		MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF
Location Code		S1-TPE12	S1-TPE14	S1-TPE17	S1-TPE28	S1-TPE49	S1-TPE56
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number							
Date							
Depth		1	3.2	3.1	0.8	3.4	2.6
	Unit						
>EC16-EC21 Aromatics	mg/kg	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	---	---	---	---	---
>EC35-EC44 Aromatics	mg/kg	---	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---
TPH							
EPH >C10-40	mg/kg	---	---	---	---	---	---
GRO	mg/kg	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	---	---	---	---	---
Total Petroleum Hydrocarbons	mg/kg	<10	<10	<10	<10	<10	<10
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---
BTEX and MTBE							
Benzene	mg/kg	---	---	---	---	<0.01	---
Toluene	mg/kg	---	---	---	---	---	---
Ethylbenzene	mg/kg	---	---	---	---	---	---
Xylene (m & p)	mg/kg	---	---	---	---	---	---
Xylene (o)	mg/kg	---	---	---	---	---	---
Xylene Total	mg/kg	---	---	---	---	---	---
MTBE	mg/kg	---	---	---	---	---	---
PAH							
Naphthalene	mg/kg	<0.03	<0.03	<0.03	0.07	<0.03	<0.03
Acenaphthene	mg/kg	---	---	---	---	---	---
Acenaphthylene	mg/kg	---	---	---	---	---	---
Fluoranthene	mg/kg	---	---	---	---	---	---
Anthracene	mg/kg	---	---	---	---	---	---
Phenanthrene	mg/kg	---	---	---	---	---	---
Fluorene	mg/kg	---	---	---	---	---	---
Chrysene	mg/kg	---	---	---	---	---	---
Pyrene	mg/kg	---	---	---	---	---	---
Benzo(a)anthracene	mg/kg	---	---	---	---	---	---
Benzo(b)fluoranthene	mg/kg	---	---	---	---	---	---
Benzo(k)fluoranthene	mg/kg	---	---	---	---	---	---
Benzo(b+k)fluoranthene	mg/kg	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	<0.03	<0.03	0.07	0.07	0.04	<0.03
Dibenz(a,h)anthracene	mg/kg	---	---	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	---	---	---
PAH 16 Total	mg/kg	---	---	---	---	---	---
Phenolics							
Total Phenols (monohydric)	mg/kg	---	---	---	---	---	---
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---
Xylenols	mg/kg	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---
Phenol	mg/kg	---	---	---	---	---	---
Phenols Monohydric	mg/kg	---	---	---	---	---	---
VOC							
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---
Styrene	mg/kg	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	mg/kg	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---
Trihalomethanes	mg/kg	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---



Matrix Description		MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF
Location Code		S1-TPE12	S1-TPE14	S1-TPE17	S1-TPE28	S1-TPE49	S1-TPE56
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number							
Date							
Depth		1	3.2	3.1	0.8	3.4	2.6
	Unit						
Carbon tetrachloride	mg/kg	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---
tert-Amyl methyl ether	mg/kg	---	---	---	---	---	---
VOC/SVOC							
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---
Trichlorobenzene (total)	mg/kg	---	---	---	---	---	---
SVOC							
1,4-dinitrobenzene	mg/kg	---	---	---	---	---	---
Benzyl alcohol	mg/kg	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---
1,2-Dinitrobenzene	mg/kg	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---
2,6-dichlorophenol	mg/kg	---	---	---	---	---	---
2,6-Dimethylphenol	mg/kg	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---
Aniline	mg/kg	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---
Diphenylamine	mg/kg	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---
PAH/Phenols							
PAHs (Sum of 4)	mg/kg	---	---	---	---	---	---



Matrix Description				MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF
Location Code				B-BH12	B-BH12	B-BH25	B-BH25	B-BH31	B-BH31	B-BH31	B-BH31
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-21439	23-21439	23-20821	23-20821	23-19613	23-19613	23-18900	23-18900
Date				31 Aug 2023	31 Aug 2023	29 Aug 2023	29 Aug 2023	08 Aug 2023	08 Aug 2023	03 Aug 2023	03 Aug 2023
Depth				2.3	2.3	3.85	3.85	3.85	3.85	3	3
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	410	---	37	---	66	---	260	---
Antimony (filtered)	µg/L	5 ^{#1}	-	0.18	---	2.7	---	2	---	<0.17	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	1.2	---	2	---	1.5	---	2.1	---
Barium (filtered)	µg/L	1,300 ^{#2}	-	31	---	41	---	26	---	56	---
Beryllium (filtered)	µg/L	-	-	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	29	---	120	---	75	---	<12	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	<0.03	---	<0.03	---	<0.03	---	<0.03	---
Calcium (filtered)	mg/L	-	-	43	---	36	---	36	---	160	---
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	<7	---	<7	---	<7	---	<7	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	0.97	---	<0.25	---	<0.25	---	0.6	---
Chromium (Trivalent) (filtered)	µg/L	-	-	<1	---	<1	---	<1	---	<1	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	3.4	---	1.2	---	1.3	---	0.9	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	7.6	---	<5.5	---	<5.5	---	<5.5	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	0.66	---	<0.09	---	0.19	---	<0.09	---
Magnesium (filtered)	mg/L	-	-	0.34	---	1.9	---	2	---	0.54	---
Manganese (filtered)	µg/L	50 ^{#1}	-	0.24	---	26	---	12	---	0.49	---
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#23}	0.08	---	<0.01	---	<0.01	---	0.02	---
Molybdenum (filtered)	µg/L	70 ^{#3}	-	4.6	---	2.3	---	3.5	---	2.1	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	<0.5	---	<0.5	---	<0.5	---	<0.5	---
Potassium (filtered)	mg/L	-	-	8.6	---	25	---	18	---	27	---
Selenium (filtered)	µg/L	10 ^{#1}	-	1	---	0.28	---	0.39	---	1.3	---
Sodium (filtered)	mg/L	200 ^{#1}	-	5.1	---	5.6	---	7.9	---	4.1	---
Tin (filtered)	µg/L	-	10 ^{#24}	<0.4	---	<0.4	---	<0.4	---	<0.4	---
Titanium (filtered)	µg/L	-	-	<0.3	---	<0.3	---	<0.3	---	<0.3	---
Vanadium (filtered)	µg/L	-	100 ^{#25}	87	---	5.1	---	3.2	---	74	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#26}	1.8	---	<1.3	---	<1.3	---	<1.3	---
Inorganics											
Total Hardness	mg/l	-	-	109	---	98.9	---	97.1	---	412	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	0.11	---	0.09	---	0.05	---	0.03	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	0.091	0.089	0.074	0.073	0.041	0.038	0.025	0.019
Chloride	mg/L	250 ^{#1}	-	10	---	5.4	---	7.3	---	2.3	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	0.3	---	<0.1	---	<0.1	---	0.6	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	1.9	---	1.1	---	0.5	---	<0.1	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	<40	---	<40	---	<40	---	<40	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	0.5	---	<0.1	---	0.29	---	0.93	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	1.9	---	<0.1	---	0.62	---	<0.1	---
Sulphate	mg/L	250 (SO4) ^{#7}	-	81	---	85	---	84	---	420	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#27}	---	---	---	---	---	---	10	---
Sulphur as S	mg/L	-	-	39	---	36	---	37	---	<0.084	---
Sulphur (free)	mg/L	-	-	<0.084	---	<0.084	---	<0.084	---	---	---
Sulphide	µg/L	-	10 (MAC) ^{#28}	23	---	23	---	<10	---	20	---
Thiocyanate (as SCN)	µg/L	-	-	<20	---	20	---	<20	---	<20	---
Ortho phosphate as PO4	mg/l	-	-	<0.03	---	0.04	---	<0.03	---	<0.01	---
Silica	µg/L	-	-	---	---	---	---	640	---	2,900	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#29}	600	---	200	---	320	---	200	---
Other											
Dissolved Organic Carbon (filtered)	µg/L	-	-	4,000	---	3,400	---	3,300	---	3,000	---
TPH CWG											
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<0.1	---	<0.1	---	<0.1	---	<0.1	---
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	<0.1	---	<0.1	---	<0.1	---	<0.1	---
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	<0.1	---	<0.1	---	<0.1	---	<0.1	---
>C10-C44 Aliphatics	µg/L	-	-	<1	---	<1	---	<1	---	---	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<1	---	<1	---	<1	---	---	---
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	<1	---	<1	---	<1	---	---	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	<1	---	<1	---	<1	---	---	---
>C16-C35 Aliphatics	µg/L	-	-	<2	---	<2	---	<2	---	---	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	<1	---	<1	---	<1	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	<1	---	<1	---	<1	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	<0.1	---	<0.1	---	<0.1	---	<0.1	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<0.1	---	<0.1	---	<0.1	---	<0.1	---
>EC10-EC44 Aromatics	µg/L	-	-	<1	---	<1	---	<1	---	---	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	<0.1	---	<0.1	---	<0.1	---	<0.1	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	<1	---	<1	---	<1	---	---	---
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	<1	---	<1	---	<1	---	---	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	<1	---	<1	---	<1	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	<1	---	<1	---	<1	---	---	---
>EC35-EC44 Aromatics	µg/L	-	-	<1	---	<1	---	<1	---	---	---

[illegible]



Matrix Description				MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF
Location Code				B-BH12	B-BH12	B-BH25	B-BH25	B-BH31	B-BH31	B-BH12	B-BH12
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-21439	23-21439	23-20821	23-20821	23-19613	23-19613	23-18900	23-18900
Date				31 Aug 2023	31 Aug 2023	29 Aug 2023	29 Aug 2023	08 Aug 2023	08 Aug 2023	03 Aug 2023	03 Aug 2023
Depth				2.3	2.3	3.85	3.85	3.85	3.85	3	3
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Chlorodibromomethane	µg/L	25 ^{#15}	-	---	---	<1	---	---	---	<1	---
Chloroethane	µg/L	-	-	---	---	<1	---	---	---	<1	---
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	---	---	<1	---	---	---	<1	---
Chloromethane	µg/L	-	-	---	---	<1	---	---	---	<1	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	<1	---	---	---	<1	---
Dibromomethane	µg/L	-	-	---	---	<1	---	---	---	<1	---
Dichlorodifluoromethane	µg/L	-	-	---	---	<1	---	---	---	<1	---
Dichloromethane	µg/L	-	20 ^{#19}	---	---	<27	---	---	---	4,600	---
Isopropylbenzene	µg/L	-	-	---	---	<1	---	---	---	<1	---
n-butylbenzene	µg/L	-	-	---	---	<1	---	---	---	<1	---
n-propylbenzene	µg/L	-	-	---	---	<1	---	---	---	<1	---
p-isopropyltoluene	µg/L	-	-	---	---	<1	---	---	---	<1	---
sec-butylbenzene	µg/L	-	-	---	---	<1	---	---	---	<1	---
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	<1	---	---	---	<1	---
tert-butylbenzene	µg/L	-	-	---	---	<1	---	---	---	<1	---
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	<1	---	---	---	<1	---
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	<1	---	---	---	<1	---
Trichlorofluoromethane	µg/L	-	-	---	---	<1	---	---	---	<1	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	---	<1	---	---	---	<1	---
tert-Amyl methyl ether	µg/L	-	-	<5	---	<5	---	<5	---	<5	---
VOC/SVOC											
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#34}	---	---	<1	---	---	---	<1	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#34}	---	---	<1	---	---	---	<1	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#35}	---	---	<1	---	---	---	<1	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#35}	---	---	<2	---	---	---	<2	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#35}	---	---	<1	---	---	---	<1	---
Chlorobenzene	µg/L	100 ^{#18}	-	---	---	<1	---	---	---	<1	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#23}	---	---	<1	---	---	---	<1	---
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	<2	---	---	---	---	---
SVOC											
1,4-dinitrobenzene	µg/L	-	-	---	---	<1	---	---	---	<1	---
Benzyl alcohol	µg/L	-	-	---	---	<1	---	---	---	<1	---
4-bromophenyl phenyl ether	µg/L	-	-	---	---	<1	---	---	---	<1	---
4-nitroaniline	µg/L	-	-	---	---	<1	---	---	---	<1	---
4-nitrophenol	µg/L	-	-	---	---	<1	---	---	---	<1	---
1,3-Dinitrobenzene	µg/L	-	-	---	---	<1	---	---	---	<1	---
1-Methylnaphthalene	µg/L	-	-	---	---	<1	---	---	---	<1	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	---	<1	---	---	---	<1	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	---	<1	---	---	---	<1	---
2,4,5-trichlorophenol	µg/L	-	-	---	---	<1	---	---	---	<1	---
2,4,6-trichlorophenol	µg/L	-	-	<0.1	---	<0.1	---	---	---	<0.1	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	<0.1	---	<0.1	---	---	---	<0.1	---
2,4-dimethylphenol	µg/L	-	-	<0.1	---	<0.1	---	---	---	<0.1	---
2,4-dinitrotoluene	µg/L	-	-	---	---	<1	---	---	---	<1	---
2,6-dichlorophenol	µg/L	-	-	<0.1	---	<0.1	---	---	---	<0.1	---
2,6-Dimethylphenol	µg/L	-	-	<0.1	---	<0.1	---	---	---	---	---
2,6-dinitrotoluene	µg/L	-	-	---	---	<1	---	---	---	<1	---
2-chloronaphthalene	µg/L	-	-	---	---	<1	---	---	---	<1	---
2-chlorophenol	µg/L	-	50 ^{#20}	---	---	<1	---	---	---	<1	---
2-methylnaphthalene	µg/L	-	-	---	---	<1	---	---	---	<1	---
2-methylphenol	µg/L	-	-	---	---	<1	---	---	---	<1	---
2-nitroaniline	µg/L	-	-	---	---	<1	---	---	---	<1	---
3-nitroaniline	µg/L	-	-	---	---	<1	---	---	---	<1	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	<0.1	---	<0.1	---	---	---	<0.1	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	---	<1	---	---	---	<1	---
4-methylphenol	µg/L	-	-	<0.1	---	<0.1	---	---	---	<0.1	---
Aniline	µg/L	-	-	<1	---	<1	---	---	---	<1	---
Azobenzene	µg/L	-	-	---	---	<1	---	---	---	<1	---
Bis(2-chloroethoxy) methane	µg/L	-	-	---	---	<1	---	---	---	<1	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	<1	---	---	---	<1	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	---	<1	---	---	---	<1	---
Bis(2-ethylhexyl)ester	µg/L	-	-	---	---	<1	---	---	---	---	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	---	<1	---	---	---	<1	---
Carbazole	µg/L	-	-	---	---	<1	---	---	---	<1	---
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	---	---	---	---	<1	---
Dibenzofuran	µg/L	-	-	---	---	<1	---	---	---	<1	---
Diethylphthalate	µg/L	-	200 ^{#20}	---	---	<1	---	---	---	<1	---
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	---	<1	---	---	---	<1	---
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	---	<1	---	---	---	<1	---
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	---	<1	---	---	---	<1	---



Matrix Description				MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF
Location Code				B-BH12	B-BH12	B-BH25	B-BH25	B-BH31	B-BH31	B-TP12
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-21439	23-21439	23-20821	23-20821	23-19613	23-19613	23-18900
Date				31 Aug 2023	31 Aug 2023	29 Aug 2023	29 Aug 2023	08 Aug 2023	08 Aug 2023	03 Aug 2023
Depth				2.3	2.3	3.85	3.85	3.85	3.85	3

	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Diphenylamine	µg/L	-	-	---	---	<1	---	---	---	<1
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#23}	---	---	<1	---	---	---	<1
Hexachlorocyclopentadiene	µg/L	-	-	---	---	<1	---	---	---	<1
Pentachlorophenol	µg/L	-	0.4 ^{#19}	---	---	<1	---	---	---	<1



Matrix Description				MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF
Location Code				B-TP13	B-TP13	B-TP23	B-TP23	S1-TPE09	S1-TPE17	S1-TPE49	S1-TPE56
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-19884	23-19884	23-19629	23-19629				
Date				15 Aug 2023	15 Aug 2023	10 Aug 2023	10 Aug 2023	20 Feb 2017	28 Feb 2017	07 Mar 2017	13 Mar 2017
Depth				4.5	4.5	4	4	2.5	3.1	3.4	2.6
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	280	---	33	---	---	---	---	---
Antimony (filtered)	µg/L	5 ^{#1}	-	0.33	---	<0.17	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	4.8	---	0.48	---	0.8	0.51	2.3	3.4
Barium (filtered)	µg/L	1,300 ^{#2}	-	63	---	43	---	8.3	21	59	60
Beryllium (filtered)	µg/L	-	-	<0.1	---	<0.1	---	<0.1	<0.1	<0.1	<0.1
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	<100	<100	<100	<100
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	33	---	61	---	---	---	---	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	<0.03	---	0.06	---	<0.03	<0.03	<0.03	0.04
Calcium (filtered)	mg/L	-	-	260	---	64	---	---	---	---	---
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	<7	---	<7	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	0.44	---	<0.25	---	0.53	<0.25	0.38	0.47
Chromium (Trivalent) (filtered)	µg/L	-	-	<1	---	<1	---	0.53	<0.25	0.38	0.47
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	1.8	---	1.5	---	0.6	0.6	<0.4	1.6
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	<5.5	---	<5.5	---	53	5.8	<5.5	14
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	<0.09	---	1	---	0.77	0.39	<0.09	<0.09
Magnesium (filtered)	mg/L	-	-	0.93	---	3	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	0.36	---	17	---	8.2	1.3	10	12
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#23}	<0.01	---	<0.01	---	<0.01	<0.01	0.01	0.01
Molybdenum (filtered)	µg/L	70 ^{#3}	-	1.1	---	2	---	---	---	---	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	<0.5	---	<0.5	---	<0.5	<0.5	<0.5	0.6
Potassium (filtered)	mg/L	-	-	6.5	---	18	---	---	---	---	---
Selenium (filtered)	µg/L	10 ^{#1}	-	1	---	0.88	---	<0.25	0.91	1.7	1.1
Sodium (filtered)	mg/L	200 ^{#1}	-	1.2	---	2.2	---	---	---	---	---
Tin (filtered)	µg/L	-	10 ^{#24}	<0.4	---	<0.4	---	---	---	---	---
Titanium (filtered)	µg/L	-	-	<0.3	---	<0.3	---	---	---	---	---
Vanadium (filtered)	µg/L	-	100 ^{#25}	29	---	1.3	---	<0.6	2.5	2.3	5.3
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#26}	<1.3	---	7.8	---	1.9	<1.3	30	6
Inorganics											
Total Hardness	mg/l	-	-	655	---	173	---	---	---	---	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	0.09	---	0.03	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	0.074	0.072	0.025	0.022	<0.015	<0.015	<0.015	0.1
Chloride	mg/L	250 ^{#1}	-	1.3	---	3.5	---	2.1	2.5	1.9	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	0.1	---	0.4	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	1.4	---	14	---	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	<40	---	<40	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	0.43	---	0.51	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	0.1	---	0.43	---	---	---	---	---
Sulphate	mg/L	250 (SO4) ^{#7}	-	<0.1	---	180	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#27}	---	---	---	---	7.6	7.8	7.8	6.9
Sulphur as S	mg/L	-	-	300	---	74	---	---	---	---	---
Sulphur (free)	mg/L	-	-	<0.084	---	---	---	---	---	---	---
Sulphide	µg/L	-	10 (MAC) ^{#28}	<10	---	<10	---	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	<20	---	46	---	---	---	---	---
Ortho phosphate as PO4	mg/l	-	-	<0.03	---	<0.03	---	---	---	---	---
Silica	µg/L	-	-	---	---	---	---	---	---	---	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#29}	290	---	610	---	---	---	---	---
Other											
Dissolved Organic Carbon (filtered)	µg/L	-	-	<2,000	---	3,800	---	---	---	---	---
TPH CWG											
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	---	---	<0.1	---	---	---	---	---
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	---	---	<0.1	---	---	---	---	---
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	---	---	<0.1	---	---	---	---	---
>C10-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C16-C35 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	---	<0.1	---	---	---	---	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	---	---	<0.1	---	---	---	---	---
>EC10-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	---	---	<0.1	---	---	---	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---



Matrix Description				MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF
Location Code				B-TP13	B-TP13	B-TP23	B-TP23	S1-TPE09	S1-TPE17	S1-TPE49	S1-TPE56
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-19884	23-19884	23-19629	23-19629				
Date				15 Aug 2023	15 Aug 2023	10 Aug 2023	10 Aug 2023	20 Feb 2017	28 Feb 2017	07 Mar 2017	13 Mar 2017
Depth				4.5	4.5	4	4	2.5	3.1	3.4	2.6
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#30}	---	---	---	---	---	---	---	---
TPH											
EPH >C10-40	µg/L	-	-	<10	---	---	---	---	---	---	---
GRO C5-C10	µg/L	-	-	<1	---	<1	---	---	---	---	---
BTEX and MTBE											
Benzene	µg/L	1 ^{#1}	8 ^{#19}	---	---	<1	---	---	---	---	---
Toluene	µg/L	700 ^{#2}	74 ^{#19}	---	---	<5	---	---	---	---	---
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#31}	---	---	<5	---	---	---	---	---
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#32}	---	---	<10	---	---	---	---	---
Xylene (o)	µg/L	250 ^{#9}	15 ^{#32}	---	---	<5	---	---	---	---	---
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	---	---	<15	---	---	---	---	---
MTBE	µg/L	15 ^{#10}	15 ^{#10}	---	---	<10	---	---	---	---	---
PAH											
Naphthalene	µg/L	-	2 ^{#19}	0.06	---	<0.05	---	---	---	---	---
Acenaphthene	µg/L	-	-	0.05	---	0.02	---	---	---	---	---
Acenaphthylene	µg/L	-	-	0.04	---	<0.01	---	---	---	---	---
Fluoranthene	µg/L	-	0.0063 ^{#19}	0.52	---	<0.01	---	---	---	---	---
Anthracene	µg/L	-	0.1 ^{#19}	0.1	---	<0.01	---	---	---	---	---
Phenanthrene	µg/L	-	-	0.29	---	<0.01	---	---	---	---	---
Fluorene	µg/L	-	-	0.04	---	<0.01	---	---	---	---	---
Chrysene	µg/L	-	-	0.22	---	<0.01	---	---	---	---	---
Pyrene	µg/L	-	-	0.47	---	<0.01	---	---	---	---	---
Benzo(a)anthracene	µg/L	-	-	0.16	---	<0.01	---	---	---	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#33}	0.31	---	<0.01	---	---	---	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#33}	0.14	---	<0.01	---	---	---	---	---
Benzo(b+k)fluoranthene	µg/L	-	-	0.45	---	<0.02	---	---	---	---	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#33}	0.17	---	<0.01	---	---	---	---	---
Dibenz(a,h)anthracene	µg/L	-	-	0.03	---	<0.01	---	---	---	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#33}	0.23	---	<0.01	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#33}	0.2	---	<0.01	---	---	---	---	---
PAH 16 Total	µg/L	-	-	3	---	<0.2	---	---	---	---	---
Phenolics											
Total Phenols (monohydric)	µg/L	-	-	<100	---	<100	---	---	---	---	---
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	---	---	---	---	---
Xylenols	µg/L	-	-	---	---	---	---	---	---	---	---
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	---	<0.1	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---	---	---	---	---	---	---
Styrene	µg/L	-	50 ^{#20}	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	µg/L	-	-	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	µg/L	-	-	---	---	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	µg/L	-	-	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	µg/L	-	-	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	---	---	---	---	---	---	---	---
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	---	---	---	---	---	---	---	---
1,1-dichloroethene	µg/L	140 ^{#14}	-	---	---	---	---	---	---	---	---
1,1-dichloropropene	µg/L	-	-	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	µg/L	-	-	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	µg/L	-	-	---	---	---	---	---	---	---	---
1,2-dibromoethane	µg/L	-	-	---	---	---	---	---	---	---	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---	---	---	---	---	---	---
1,2-dichloropropane	µg/L	-	-	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---
1,3-dichloropropane	µg/L	-	-	---	---	---	---	---	---	---	---
2,2-dichloropropane	µg/L	-	-	---	---	---	---	---	---	---	---
Trihalomethanes	µg/L	100 ^{#1}	-	---	---	---	---	---	---	---	---
2-chlorotoluene	µg/L	-	-	---	---	---	---	---	---	---	---
4-chlorotoluene	µg/L	-	-	---	---	---	---	---	---	---	---
Bromobenzene	µg/L	-	-	---	---	---	---	---	---	---	---
Bromochloromethane	µg/L	-	-	---	---	---	---	---	---	---	---
Bromodichloromethane	µg/L	25 ^{#15}	-	---	---	---	---	---	---	---	---
Bromoform	µg/L	25 ^{#15}	-	---	---	---	---	---	---	---	---
Bromomethane	µg/L	-	-	---	---	---	---	---	---	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	---	---	---	---	---	---	---	---



Matrix Description				MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF
Location Code				B-TP13	B-TP13	B-TP23	B-TP23	S1-TPE09	S1-TPE17	S1-TPE49	S1-TPE56
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-19884	23-19884	23-19629	23-19629				
Date				15 Aug 2023	15 Aug 2023	10 Aug 2023	10 Aug 2023	20 Feb 2017	28 Feb 2017	07 Mar 2017	13 Mar 2017
Depth				4.5	4.5	4	4	2.5	3.1	3.4	2.6
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Chlorodibromomethane	µg/L	25 ^{#15}	-	---	---	---	---	---	---	---	---
Chloroethane	µg/L	-	-	---	---	---	---	---	---	---	---
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	---	---	---	---	---	---	---	---
Chloromethane	µg/L	-	-	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	---	---	---	---	---	---
Dibromomethane	µg/L	-	-	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	µg/L	-	-	---	---	---	---	---	---	---	---
Dichloromethane	µg/L	-	20 ^{#19}	---	---	---	---	---	---	---	---
Isopropylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---
n-butylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---
n-propylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---
p-isopropyltoluene	µg/L	-	-	---	---	---	---	---	---	---	---
sec-butylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	---	---	---	---	---	---
tert-butylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	---	---	---	---	---	---
Trichlorofluoromethane	µg/L	-	-	---	---	---	---	---	---	---	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	---	---	---	---	---	---	---
tert-Amyl methyl ether	µg/L	-	-	---	---	<5	---	---	---	---	---
VOC/SVOC											
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#34}	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#34}	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#35}	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#35}	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#35}	---	---	---	---	---	---	---	---
Chlorobenzene	µg/L	100 ^{#18}	-	---	---	---	---	---	---	---	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#23}	---	---	---	---	---	---	---	---
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	---	---	---	---	---	---
SVOC											
1,4-dinitrobenzene	µg/L	-	-	---	---	---	---	---	---	---	---
Benzyl alcohol	µg/L	-	-	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	µg/L	-	-	---	---	---	---	---	---	---	---
4-nitroaniline	µg/L	-	-	---	---	---	---	---	---	---	---
4-nitrophenol	µg/L	-	-	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	µg/L	-	-	---	---	---	---	---	---	---	---
1-Methylnaphthalene	µg/L	-	-	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	µg/L	-	-	---	---	<0.1	---	---	---	---	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	---	---	<0.1	---	---	---	---	---
2,4-dimethylphenol	µg/L	-	-	---	---	<0.1	---	---	---	---	---
2,4-dinitrotoluene	µg/L	-	-	---	---	---	---	---	---	---	---
2,6-dichlorophenol	µg/L	-	-	---	---	<0.1	---	---	---	---	---
2,6-Dimethylphenol	µg/L	-	-	---	---	<0.1	---	---	---	---	---
2,6-dinitrotoluene	µg/L	-	-	---	---	---	---	---	---	---	---
2-chloronaphthalene	µg/L	-	-	---	---	---	---	---	---	---	---
2-chlorophenol	µg/L	-	50 ^{#20}	---	---	---	---	---	---	---	---
2-methylnaphthalene	µg/L	-	-	---	---	---	---	---	---	---	---
2-methylphenol	µg/L	-	-	---	---	---	---	---	---	---	---
2-nitroaniline	µg/L	-	-	---	---	---	---	---	---	---	---
3-nitroaniline	µg/L	-	-	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	---	---	<0.1	---	---	---	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	---	---	---	---	---	---	---
4-methylphenol	µg/L	-	-	---	---	<0.1	---	---	---	---	---
Aniline	µg/L	-	-	---	---	---	---	---	---	---	---
Azobenzene	µg/L	-	-	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	µg/L	-	-	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl)ester	µg/L	-	-	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	---	---	---	---	---	---	---
Carbazole	µg/L	-	-	---	---	---	---	---	---	---	---
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	---	---	---	---	---	---
Dibenzofuran	µg/L	-	-	---	---	---	---	---	---	---	---
Diethylphthalate	µg/L	-	200 ^{#20}	---	---	---	---	---	---	---	---
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	---	---	---	---	---	---	---



Matrix Description				MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF	MG-HyF
Location Code				B-TP13	B-TP13	B-TP23	B-TP23	S1-TPE09	S1-TPE17	S1-TPE49	S1-TPE56
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-19884	23-19884	23-19629	23-19629				
Date				15 Aug 2023	15 Aug 2023	10 Aug 2023	10 Aug 2023	20 Feb 2017	28 Feb 2017	07 Mar 2017	13 Mar 2017
Depth				4.5	4.5	4	4	2.5	3.1	3.4	2.6
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Diphenylamine	µg/L	-	-	---	---	---	---	---	---	---	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#23}	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	µg/L	-	-	---	---	---	---	---	---	---	---
Pentachlorophenol	µg/L	-	0.4 ^{#19}	---	---	---	---	---	---	---	---

Comments

- #1 Water Supply (Water Quality) Regulations 2016.
- #2 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011
- #3 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Informal value.
- #4 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Based on taste rather than a formal guideline.
- #5 Water Supply (Water Quality) Regulations 2016. As NO3.
- #6 Water Supply (Water Quality) Regulations 2016. As NO2.
- #7 Water Supply (Water Quality) Regulations 2016. As SO4.
- #8 No UK DWS for total petroleum hydrocarbons (TPH), or speciated TPH fractions. A value of 10 µg/l is adopted for sum TPH based on the rescinded Private Water Supply Regulations, 1991.
- #9 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Value of 500µg/l for sum xylenes split between isomers. Requires summation of m,p & o isomers to use 500µg/l value.
- #10 The taste and odour threshold of 15µg/l is commonly adopted as a guide.
- #11 Water Supply (Water Quality) Regulations 2016. Value of 0.1µg/l for PAH split between four individual PAH. Requires summation of benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene and indeno(123cd)pyrene to use 0.1µg/l value.
- #12 US EPA Regional Screening Levels, May 2019. <https://www.epa.gov/iris/regional-screening-levels-rsls-generic-tables>
- #13 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. In Scotland a value of 200µg/l is used (WAT-PS-10-01).
- #14 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. In Scotland a value of 7µg/l is used (WAT-PS-10-01).
- #15 Water Supply (Water Quality) Regulations 2016. Value of 100µg/l for sum trihalomethanes split between individual compounds. Requires summation of chloroform, bromoform, chlorodibromomethane and bromodichloromethane to use 100µg/l value.
- #16 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Value of 50µg/l for sum cis & trans-DCE split between isomers. Requires summation of cis & trans-DCE isomers to use 50µg/l value.
- #17 Water Supply (Water Quality) Regulations 2016. Value of 10µg/l for sum of TCE & PCE split between individual compounds. Requires summation of TCE & PCE to use 10µg/l value.
- #18 Position statement (WAT-PS-10-01), SEPA August 2014.
- #19 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015.
- #20 Operational Targets and EQS. EA, April 2018
- #21 Water Framework Directive (Standards & Classification) Directions (England & Wales) 2015. Dissolved fraction.
- #22 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Dissolved Fraction. If DOC >1mg/l then a higher criteria applies $[3.76 \times (2.677 \times ((\text{DOC}/2) - 0.5))]$
- #23 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Dissolved Fraction. MAC adopted in absence of AA value.
- #24 Operational Targets and EQS. EA, April 2018. Dissolved Fraction.
- #25 Operational Targets and EQS. EA, April 2018.
- #26 Operational Targets and EQS. EA, April 2018. Dissolved plus ambient background concentration. For saltwater, an Ambient Background Concentration of 1.1 µg/l has been used
- #27 Operational Targets and EQS. EA, April 2018. Maximum Allowable Concentration (MAC) adopted in absence of Annual Average (AA) value.
- #28 Operational Targets and EQS. EA, April 2018. Based on value for hydrogen sulphide. MAC adopted in absence of AA value.
- #29 Operational Targets and EQS. EA, April 2018. Dissolved fraction.
- #30 No UK EQS for total petroleum hydrocarbons (TPH), or speciated TPH fractions. A value of 50 µg/l is adopted for sum TPH protection of surface water based on 50µg/l-1000µg/l (Surface Waters (Abstraction for Drinking Water) Regulations 1989).
- #31 Proposed Environmental Quality Standard, in absence of legislative standard (Ayscough et al., 2002). https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/291223/sp2-115-tr4-e-e.pdf
- #32 Operational Targets and EQS. EA, April 2018. Value of 30µg/l for sum xylenes split between isomers. Requires summation of m,p & o isomers to use 30µg/l value.
- #33 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Benzo(a)pyrene can be considered as a marker for other PAH for comparison with the corresponding AA-EQS in water.
- #34 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Value of 0.4µg/l for sum isomers split between 3 isomers. Requires summation of isomers to use 0.4µg/l value.
- #35 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Value of 20µg/l for sum isomers split between 3 isomers. Requires summation of isomers to use 20µg/l value.

Key

MG-HyF = Made Ground - Hydraulic Fill



Monitoring Unit				GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code				S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH10
Well				S	S	S	S	S	S	S	A
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				703092	703092	704419	704419	UNK	UNK	UNK	706369
Date				02 Aug 2023	02 Aug 2023	22 Aug 2023	22 Aug 2023	08 Jan 2018	08 Jan 2018	22 Feb 2018	07 Sep 2023
Depth				5	5	5.5 - 5.5	5.5 - 5.5	6 - 6	6 - 6	6 - 6	6
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	<10	---	<10	---	---	---	---	39.7
Antimony (filtered)	µg/L	5 ^{#1}	-	---	---	---	---	---	---	---	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	2.40	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	1.39	---	1.08	---	---	---	---	2.11
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	---	---	---	---	---	---	---
Beryllium (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	2,500.00	---	<100.00	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	10.7	---	19.4	---	---	---	---	87.3
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	<0.08	---	<0.08	---	---	---	---	<0.08
Calcium (filtered)	mg/L	-	-	405	---	345	---	---	---	---	383
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	<30	---	<30	---	---	---	---	<30
Chromium	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	10.9	---	8.11	---	---	---	---	1.5
Chromium (Trivalent) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	2.35	---	4.76	---	---	---	---	<0.3
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	<50	---	<50	---	---	---	---	<50
Ferrous Iron	µg/L	-	1,000 ^{#23}	<100	---	259	---	---	---	---	<100
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	73.00	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	<19	---	---	---	---	---	---	<19
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	1.54	---	0.92	---	---	---	---	<0.2
Magnesium	mg/L	-	-	---	---	---	---	460.00	---	---	---
Magnesium (filtered)	mg/L	-	-	0.0405	---	<0.036	---	---	---	---	0.0822
Manganese	µg/L	50 ^{#1}	-	---	---	---	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	<3	---	<3	---	---	---	---	<3
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	<0.01	---	<0.01	---	---	---	---	<0.01
Molybdenum (filtered)	µg/L	70 ^{#3}	-	17.2	---	16.2	---	---	---	---	18.8
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	2.86	---	2.25	---	---	---	---	1.61
Potassium (filtered)	mg/L	-	-	120	---	108	---	---	---	---	114
Selenium (filtered)	µg/L	10 ^{#1}	-	4.29	---	---	---	---	---	---	3.63
Silicon (filtered)	µg/L	-	-	496	---	1,140	---	---	---	---	5,570
Sodium (filtered)	mg/L	200 ^{#1}	-	106	---	77.3	---	---	---	---	84.3
Tin (filtered)	µg/L	-	10 ^{#25}	---	---	---	---	---	---	---	---
Titanium (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	---	---	---	---	---	---	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	2.3	---	3.36	---	---	---	---	10.3
Inorganics											
Total Hardness	mg/l	-	-	---	---	---	---	---	---	---	---
Alkalinity (Bicarbonate as CaCO3)	mg/L	-	-	<3	---	<3	---	---	---	---	---
Alkalinity (Bicarbonate as CaCO3) (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Alkalinity (Bicarbonate) as HCO3	mg/L	-	-	---	---	---	---	---	---	---	<3
Alkalinity (total) as CaCO3	mg/L	-	-	822	---	519	---	110.00	---	---	66.1
Alkalinity (total) as CaCO3 (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Carbonate	µg/L	-	-	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	---	---	---	---	---	---	---
Inorganic Nitrogen (filtered)	mg/l	-	-	2.19	---	1.89	---	---	---	---	0.946
Sulphate total (%) (filtered)	%	0.025 (SO4) ^{#5}	-	---	---	---	---	---	---	---	---
Ammonia	mg/L	-	0.021 ^{#19}	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	---	---	1.67	---	8.90	---	---	---
Nitrate (as N)	mg/L	-	-	---	---	---	---	---	---	---	---
Nitrogen (Total)	µg/L	-	-	2,120	---	---	---	---	---	---	946
Nitrite (as N)	mg/L	-	-	---	---	---	---	---	---	---	---
Chloride	mg/L	250 ^{#1}	-	---	---	---	---	8,200.00	---	270.00	---
Chloride (filtered)	mg/L	250 ^{#1}	-	116	---	87.4	---	---	---	---	56.7
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	<20.00	---	<40.00	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	<2.5	---	<2.5	---	---	---	---	<2.5
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	<40.00	---	<40.00	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	<5	---	<5	---	---	---	---	41.6
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	<40.00	---	---	---
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	<5	---	<5	---	---	---	---	40.3
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#6}	-	---	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#6}	-	<0.3	---	<0.3	---	---	---	---	<0.3
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#7}	-	---	---	---	---	---	---	---	---



Monitoring Unit				GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code				S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH10
Well				S	S	S	S	S	S	S	A
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				703092	703092	704419	704419	UNK	UNK	UNK	706369
Date				02 Aug 2023	02 Aug 2023	22 Aug 2023	22 Aug 2023	08 Jan 2018	08 Jan 2018	22 Feb 2018	07 Sep 2023
Depth				5	5	5.5 - 5.5	5.5 - 5.5	6 - 6	6 - 6	6 - 6	6
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#7}	-	0.773	---	1	---	---	---	---	<0.05
Sulphate	mg/L	250 (SO4) ^{#5}	-	---	---	---	---	1,300.00	---	380.00	---
Sulphate (filtered)	mg/L	250 (SO4) ^{#5}	-	455	---	615	---	---	---	---	1,100
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	12.2	---	12.1	---	8.30	---	12.40	10.8
Sulphur as S	mg/L	-	-	210	---	240	---	---	---	---	310
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---	---
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	13.2	---	<10	---	---	---	---	<10
Thiocyanate (as SCN)	µg/L	-	-	---	---	---	---	2,400.00	---	<40.00	---
Thiocyanate (as SCN) (filtered)	µg/L	-	-	100	---	60	---	---	---	---	<50
Ortho phosphate as PO4	mg/l	-	-	---	---	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	<0.05	---	<0.05	---	---	---	---	---
Ionic Balance	%	-	-	-2.05	---	-6.78	---	---	---	---	-0.132
Orthophosphate as P (filtered)	mg/l	-	-	---	---	---	---	---	---	---	<0.05
Silica	µg/L	-	-	---	---	---	---	---	---	---	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---	---	---
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	1,720	---	1,610	---	---	---	---	654
Other											
Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---	---	<3,000
Dissolved Inorganic Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---	---	<3,000
Inorganic Carbon (filtered)	µg/L	-	-	3,820	---	5,250	---	---	---	---	---
Dissolved Organic Carbon (filtered)	µg/L	-	-	3,320	---	3,240	---	---	---	---	---
Solids, Suspended	mg/L	-	-	---	---	---	---	---	---	---	---
Total Dissolved Solids	mg/L	-	-	---	---	---	---	18,000.00	---	---	---
Total Suspended Solids	mg/L	-	-	9.4	---	10.8	---	---	---	---	13.8
TPH CWG											
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<10	---	<10	---	<0.10	---	<0.10	<10
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	<10	---	<10	---	<0.10	---	<0.10	<10
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	<10	---	<10	---	<0.10	---	<0.10	<10
>C10-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<10	---	<10	---	<1.00	---	<1.00	<10
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	<10	---	<10	---	<1.00	---	<1.00	<10
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	<10	---	<10	---	<1.00	---	<1.00	<10
>C16-C35 Aliphatics	µg/L	-	-	<10	---	<10	---	<2	---	<2	<10
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	<10	---	<10	---	<1.00	---	<1.00	<10
Total Aliphatics & Aromatics >C12-C35	µg/L	-	-	---	---	---	---	---	---	---	---
>C35-C40 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	<10.00	---	<10.00	---
Total Aliphatics >C5-C40	µg/L	-	-	---	---	---	---	---	---	---	---
Total Aliphatics >C12-C35	µg/L	-	-	<10	---	<10	---	---	---	---	<10
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	<0.10	---	<0.10	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<10	---	<10	---	<0.10	---	<0.10	<10
>EC10-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	<10	---	<10	---	<0.10	---	<0.10	<10
>EC6-EC7 Aromatics	µg/L	-	-	<10	---	<10	---	---	---	---	<10
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	<10	---	<10	---	2.80	---	4.20	<10
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	<10	---	<10	---	<1.00	---	8.10	<10
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	<10	---	<10	---	<1.00	---	1.80	<10
>EC35-EC40 Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	<10	---	<10	---	<1.00	---	<1.00	<10
>EC35-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC40	µg/L	-	-	---	---	---	---	---	---	---	---
Total Aromatics >EC12-EC35	µg/L	-	-	<10	---	<10	---	---	---	---	<10
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	<10	---	<10	---	<10.00	---	14.00	<10
TPH >C5-C40 Aliphatics/Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	---	---	---	---	---	---	---
TPH											
EPH >C10-40	µg/L	-	-	---	---	---	---	---	---	---	---
GRO >C5-12	µg/L	-	-	<50	---	<50	---	---	---	---	<50
GRO C5-C10	µg/L	-	-	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	µg/L	1 ^{#1}	8 ^{#19}	<1	---	<1	---	<1.00	---	<1.00	<1
Toluene	µg/L	700 ^{#2}	74 ^{#19}	<1	---	<1	---	<1.00	---	<1.00	<1
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	<1	---	<1	---	<1.00	---	<1.00	<1
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	<1	---	<1	---	<2.00	---	---	<1
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	<1	---	<1	---	<1.00	---	---	<1
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	<2	---	<2	---	<3	---	<1.00	<2
MTBE	µg/L	15 ^{#10}	15 ^{#10}	<1	---	<1	---	<1.00	---	---	<1
Total BTEX	µg/L	-	-	<5	---	<5	---	---	---	---	<5

Monitoring Unit				GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code				S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH10
Well				S	S	S	S	S	S	S	A
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				703092	703092	704419	704419	UNK	UNK	UNK	706369
Date				02 Aug 2023	02 Aug 2023	22 Aug 2023	22 Aug 2023	08 Jan 2018	08 Jan 2018	22 Jan 2018	07 Sep 2023
Depth				5	5	5.5 - 5.5	5.5 - 5.5	6 - 6	6 - 6	6 - 6	6
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
PAH											
Naphthalene	µg/L	-	2 ^{#19}	<1	0.411	<0.01	---	0.06	<1.00	2.40	0.243
Acenaphthene	µg/L	-	-	<1	0.524	<2	0.287	<0.01	---	0.80	<2
Acenaphthylene	µg/L	-	-	<1	0.119	<2	0.0581	<0.01	---	0.27	<2
Fluoranthene	µg/L	-	0.0063 ^{#19}	<1	0.104	<2	0.117	<0.01	---	0.15	<2
Anthracene	µg/L	-	0.1 ^{#19}	<1	0.0356	<2	0.0321	<0.01	---	0.06	<2
Phenanthrene	µg/L	-	-	<1	0.428	<2	0.251	0.02	<1.00	0.76	<2
Fluorene	µg/L	-	-	<1	0.0665	<2	0.0409	<0.01	---	0.16	<2
Chrysene	µg/L	-	-	<0.005	---	<2	0.00781	<0.01	---	<0.01	<2
Pyrene	µg/L	-	-	<1	0.0778	<2	0.0909	<0.01	---	0.08	<2
Benzo(a)anthracene	µg/L	-	-	<0.005	---	<0.005	---	<0.01	---	<0.01	<2
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.005	---	<2	0.00555	<0.01	---	<0.01	<2
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.005	---	<0.005	---	<0.01	---	<0.01	<2
Benzo(b+k)fluoranthene	µg/L	-	-	---	---	---	---	---	---	---	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	<0.002	---	<0.002	---	<0.01	---	<0.01	<2
Dibenz(a,h)anthracene	µg/L	-	-	<0.005	---	<0.005	---	<0.01	---	<0.01	<0.005
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.005	---	<0.005	---	<0.01	---	<0.01	<2
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.005	---	<0.005	---	<0.01	---	<0.01	<2
PAH 16 Total	µg/L	-	-	1.77	---	0.889	---	0.08	---	4.70	1.78
Phenolics											
Total Phenols (monohydric)	µg/L	-	-	---	---	---	---	---	---	---	---
Total Phenols of 8 Speciated (filtered)	µg/L	-	-	<45	---	<45	---	---	---	---	<45
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	---	<1.00	---	---	---
Xylenols	µg/L	-	-	---	---	---	---	---	---	---	---
Xylenols (filtered)	µg/L	-	-	<8	---	<8	---	---	---	---	<8
1-naphthol (filtered)	µg/L	-	-	<10	---	<10	---	---	---	---	<10
Cresol Total (filtered)	µg/L	-	-	<6	---	<6	---	---	---	---	<6
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	1.38	---	<2	---	<1.00	---	---	<2
Phenol (filtered)	µg/L	5,800 ^{#12}	7.7 ^{#19}	<2	---	<2	---	---	---	---	<2
Resorcinol (m-dihydroxybenzene) (filtered)	µg/L	-	-	<10	---	<10	---	---	---	---	<10
Phenols Monohydric	µg/L	-	-	---	---	---	---	<100.00	3.50	11.00	---
VOC											
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---	---	---	<2	---	---	---
Styrene	µg/L	-	50 ^{#20}	<1	---	<1	---	<1.00	---	---	<1
cis-1,3-dichloropropene	µg/L	-	-	<1	---	<1	---	---	---	---	<1
trans-1,3-dichloropropene	µg/L	-	-	<1	---	<1	---	<1.00	---	---	<1
1,1,1,2-tetrachloroethane	µg/L	-	-	<1	---	<1	---	<1.00	---	---	<1
n-Pentanol	µg/L	-	-	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	<1	---	<1	---	<1.00	---	---	<1
1,1,2,2-tetrachloroethane	µg/L	-	-	<1	---	<1	---	<1.00	---	---	<1
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	<1	---	<1	---	<1.00	---	---	<1
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	<1	---	<1	---	<1.00	---	---	<1
1,1-dichloroethene	µg/L	140 ^{#14}	-	<1	---	<1	---	<1.00	---	---	<1
1,1-dichloropropene	µg/L	-	-	<1	---	<1	---	<1.00	---	---	<1
1,2,3-trichloropropane	µg/L	-	-	<1	---	<1	---	<1.00	---	---	<1
1,2,4-trimethylbenzene	µg/L	-	-	<1	---	<1	---	<1.00	---	---	<1
1,2-dibromo-3-chloropropane	µg/L	-	-	<1	---	<1	---	<1.00	---	---	<1
1,2-dibromoethane	µg/L	-	-	<1	---	<1	---	<1.00	---	---	<1
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	<1	---	<1	---	<1.00	---	---	<1
1,3-Dichloropropene	µg/L	-	-	---	---	---	---	<1.00	---	---	---
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---	---	---	---	---	---	---
1,2-dichloropropane	µg/L	-	-	<1	---	<1	---	<1.00	---	---	<1
1,3,5-trimethylbenzene	µg/L	-	-	<1	---	<1	---	<1.00	---	---	<1
1,3-dichloropropane	µg/L	-	-	<1	---	<1	---	<1.00	---	---	<1
2,2-dichloropropane	µg/L	-	-	<1	---	<1	---	<2.00	---	---	<1
Trihalomethanes	µg/L	100 ^{#1}	-	---	---	---	---	---	---	---	---
2-chlorotoluene	µg/L	-	-	<1	---	<1	---	<1.00	---	---	<1
4-chlorotoluene	µg/L	-	-	<1	---	<1	---	<1.00	---	---	<1
Bromobenzene	µg/L	-	-	<1	---	<1	---	<1.00	---	---	<1
Bromochloromethane	µg/L	-	-	<1	---	<1	---	<4.00	---	---	<1
Bromodichloromethane	µg/L	25 ^{#15}	-	<1	---	<1	---	<4.00	---	---	<1
Bromoform	µg/L	25 ^{#15}	-	<1	---	<1	---	<1.00	---	---	<1
Bromomethane	µg/L	-	-	<1	---	<1	---	<1.00	---	---	<1
Carbon disulfide	µg/L	-	-	<1	---	<1	---	---	---	---	<1
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	<1	---	<1	---	<1.00	---	---	<1
Chlorodibromomethane	µg/L	25 ^{#15}	-	<1	---	<1	---	<1.00	---	---	<1
Chloroethane	µg/L	-	-	<1	---	<1	---	<1.00	---	---	<1



Monitoring Unit		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH01
Well		S	S	S	S	S	S	S	A
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		703092	703092	704419	704419	UNK	UNK	UNK	706369
Date		02 Aug 2023	02 Aug 2023	22 Aug 2023	22 Aug 2023	08 Jan 2018	08 Jan 2018	22 Jan 2018	07 Sep 2023
Depth		5	5	5.5 - 5.5	5.5 - 5.5	6 - 6	6 - 6	6 - 6	6
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	<1	---	<1	---	<1.00	---
Chloromethane	µg/L	-	-	<1	---	<1	---	<1.00	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	<1	---	<1	---	<1.00	---
Dibromomethane	µg/L	-	-	<1	---	<1	---	<1.00	---
Dichlorodifluoromethane	µg/L	-	-	<1	---	<1	---	<1.00	---
Dichloromethane	µg/L	-	20 ^{#19}	<3	---	<3	---	<27.00	---
Isopropylbenzene	µg/L	-	-	<1	---	<1	---	<1.00	---
n-butylbenzene	µg/L	-	-	<1	---	<1	---	<1.00	---
n-propylbenzene	µg/L	-	-	<1	---	<1	---	<1.00	---
p-isopropyltoluene	µg/L	-	-	<1	---	<1	---	<1.00	---
sec-butylbenzene	µg/L	-	-	<1	---	<1	---	<1.00	---
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	<1	---	<1	---	<1.00	---
tert-butylbenzene	µg/L	-	-	<1	---	<1	---	<1.00	---
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	<1	---	<1	---	<1.00	---
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	<1	---	<1	---	<1.00	---
Trichlorofluoromethane	µg/L	-	-	<1	---	<1	---	<1.00	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	<1	---	<1	---	<1.00	---
tert-Amyl methyl ether	µg/L	-	-	<1	---	<1	---	---	---
VOC/SVOC									
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	---	<1	---	<1.00	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	---	<1	---	<1.00	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	---	<1	---	<1.00	---
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	---	<1	---	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	---	<1	---	<2.00	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	---	<1	---	<1.00	---
Chlorobenzene	µg/L	100 ^{#18}	-	<1	---	<1	---	<1.00	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	<1	---	<1	---	<1.00	---
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	---	---	---	---
SVOC									
1,4-dinitrobenzene	µg/L	-	-	---	---	---	---	<1.00	---
Benzyl alcohol	µg/L	-	-	---	---	---	---	<1.00	---
4-bromophenyl phenyl ether	µg/L	-	-	<1	---	<2	---	<1.00	---
4-nitroaniline	µg/L	-	-	<1	---	<2	---	<1.00	---
4-nitrophenol	µg/L	-	-	<1	---	<2	---	<1.00	---
catechol (o-dihydroxybenzene) (filtered)	µg/L	-	-	<10	---	<10	---	---	<10
1,3-Dinitrobenzene	µg/L	-	-	---	---	---	---	<1.00	---
1-Methylnaphthalene	µg/L	-	-	---	---	---	---	<1.00	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	---	---	---	<1.00	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	---	---	---	<1.00	---
2,3,5-Trimethylphenol (filtered)	µg/L	-	-	<3	---	<3	---	---	<3
2,4,5-trichlorophenol	µg/L	-	-	<1	---	<2	---	<1.00	---
2,4,6-trichlorophenol	µg/L	-	-	<1	---	<2	---	<1.00	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	<1	---	<2	---	<1.00	---
2,4-dimethylphenol	µg/L	-	-	<1	---	<2	---	<1.00	---
2,4-dinitrotoluene	µg/L	-	-	<1	---	<2	---	<1.00	---
2,6-dichlorophenol	µg/L	-	-	---	---	---	---	---	---
2,6-Dimethylphenol	µg/L	-	-	---	---	---	---	---	---
2,6-dinitrotoluene	µg/L	-	-	<1	---	<2	---	<1.00	---
2-chloronaphthalene	µg/L	-	-	<1	---	<2	---	<1.00	---
2-chlorophenol	µg/L	-	50 ^{#20}	<1	---	<2	---	<1.00	---
2-Isopropylphenol (filtered)	µg/L	-	-	<6	---	<6	---	---	<6
2-methylnaphthalene	µg/L	-	-	<1	---	<2	---	<1.00	---
2-methylphenol	µg/L	-	-	<1	---	<2	---	<1.00	---
2-nitroaniline	µg/L	-	-	<1	---	<2	---	<1.00	---
2-nitrophenol	µg/L	-	-	<1	---	<2	---	---	<2
3-nitroaniline	µg/L	-	-	<1	---	<2	---	<1.00	---
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	<1	---	<2	---	<1.00	---
4-chloroaniline	µg/L	-	-	<1	---	<2	---	---	<2
4-chlorophenyl phenyl ether	µg/L	-	-	<1	---	<2	---	<1.00	---
4-methylphenol	µg/L	-	-	<1	---	<2	---	---	<2
Aniline	µg/L	-	-	---	---	---	---	<1.00	---
Azobenzene	µg/L	-	-	<1	---	<2	---	<1.00	---
Bis(2-chloroethoxy) methane	µg/L	-	-	<1	---	<2	---	<1.00	---
Bis(2-chloroethyl)ether	µg/L	-	-	<1	---	<2	---	---	<2
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	---	<1.00	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	<2	---	<4	---	<1.00	---
Bis(2-ethylhexyl)ester	µg/L	-	-	---	---	---	---	<1.00	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	<1	---	<2	---	<1.00	<2



Monitoring Unit		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH10
Well		S	S	S	S	S	S	S	A
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		703092	703092	704419	704419	UNK	UNK	UNK	706369
Date		02 Aug 2023	02 Aug 2023	22 Aug 2023	22 Aug 2023	08 Jan 2018	08 Jan 2018	22 Feb 2018	07 Sep 2023
Depth		5	5	5.5 - 5.5	5.5 - 5.5	6 - 6	6 - 6	6 - 6	6
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Carbazole	µg/L	-	-	<1	---	<2	---	<1.00	---
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	---	---	---	---
Dibenzofuran	µg/L	-	-	<1	---	<2	---	<1.00	---
Diethylphthalate	µg/L	-	200 ^{#20}	<1	---	<2	---	<1.00	<2
Dimethyl phthalate	µg/L	-	800 ^{#20}	<1	---	<2	---	<1.00	<2
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	<1	---	<2	---	<1.00	<2
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	<5	---	<10	---	<1.00	<10
Diphenylamine	µg/L	-	-	---	---	---	---	<1.00	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	<1	---	<2	---	<1.00	<2
Hexachlorocyclopentadiene	µg/L	-	-	<1	---	<2	---	<1.00	<2
Hexachloroethane	µg/L	-	-	<1	---	<2	---	---	<2
Isophorone	µg/L	-	-	<1	---	<2	---	---	<2
Nitrobenzene	µg/L	-	-	<1	---	<2	---	---	<2
N-nitrosodi-n-propylamine	µg/L	-	-	<1	---	<2	---	---	<2
Pentachlorophenol	µg/L	-	0.4 ^{#19}	<1	---	<2	---	<1.00	<2
PCB									
PCB 12	µg/L	-	-	---	---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---	---	---	---	---
PCB 101	µg/L	-	-	---	---	---	---	---	---
PCB 118 + PCB 123	mg/L	-	-	---	---	---	---	---	---
PCB 138	µg/L	-	-	---	---	---	---	---	---
PCB 153	µg/L	-	-	---	---	---	---	---	---
PCB 180	µg/L	-	-	---	---	---	---	---	---
PCB 28 + PCB 31	µg/L	-	-	---	---	---	---	---	---
PCB 52	µg/L	-	-	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-	---	---	---	---	---	---
Total PCB WHO 12	µg/L	-	-	---	---	---	---	---	---
PCBs (Sum of total)	µg/L	-	-	---	---	---	---	---	---
Solvents									
4-Methyl-2-pentanone	µg/L	-	-	---	---	---	---	---	---
Acetone	µg/L	-	-	---	---	---	---	---	---
Tetrahydrofuran	µg/L	-	-	---	---	---	---	---	---
Polybrominated Diphenyl Ethers									
BDE-100	ng/l	-	-	---	---	---	---	---	---
BDE-153	ng/l	-	-	---	---	---	---	---	---
BDE-154	ng/l	-	-	---	---	---	---	---	---
BDE-183	ng/l	-	-	---	---	---	---	---	---
BDE-28	ng/l	-	-	---	---	---	---	---	---
BDE-47	ng/l	-	-	---	---	---	---	---	---
BDE-99	ng/l	-	-	---	---	---	---	---	---
Sum of selected BDE	ng/l	-	-	---	---	---	---	---	---
BDE-209	ng/l	-	-	---	---	---	---	---	---
Organotins									
Dibutyltin	µg/L	-	-	---	---	---	---	---	---
Tetrabutyltin	µg/L	-	-	---	---	---	---	---	---
Tributyltin	µg/L	-	0.0002 ^{#19}	---	---	---	---	---	---
Triphenyltin	µg/L	-	0.0002 (MAC) ^{#37}	---	---	---	---	---	---
Alcohols									
Butyl alcohol, sec-	µg/L	-	-	---	---	---	---	---	---
1-Butanol	µg/L	-	-	---	---	---	---	---	---
Methyl Ethyl Ketone	µg/L	-	-	---	---	---	---	---	---
Ethanol	µg/L	-	-	---	---	---	---	---	---
Methanol	µg/L	-	-	---	---	---	---	---	---
Isobutanol	µg/L	-	-	---	---	---	---	---	---



Monitoring Unit				GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code				S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH01	S1-BH10
Well				S	S	S	S	S	S	S	A
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				703092	703092	704419	704419	UNK	UNK	UNK	706369
Date				02 Aug 2023	02 Aug 2023	22 Aug 2023	22 Aug 2023	08 Jan 2018	08 Jan 2018	22 Feb 2018	07 Sep 2023
Depth				5	5	5.5 - 5.5	5.5 - 5.5	6 - 6	6 - 6	6 - 6	6
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
2-Propanol	µg/L	-	-	---	---	---	---	---	---	---	---
n-Heptanol	µg/L	-	-	---	---	---	---	---	---	---	---
n-Hexanol	µg/L	-	-	---	---	---	---	---	---	---	---
1-Propanol	µg/L	-	-	---	---	---	---	---	---	---	---
tert-Butyl alcohol	µg/L	12	12	---	---	---	---	---	---	---	---
Acetates											
n-Propyl Acetate	µg/L	-	-	---	---	---	---	---	---	---	---
1,2-butylacetate	µg/L	-	-	---	---	---	---	---	---	---	---
Ethyl acetate	µg/L	-	-	---	---	---	---	---	---	---	---
Iso-Propyl Acetate	µg/L	-	-	---	---	---	---	---	---	---	---
Methyl acetate	µg/L	-	-	---	---	---	---	---	---	---	---
Glycols											
1,3-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
1,3-Propanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
1,4-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Diethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Ethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Propylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Triethylene Glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Pesticides											
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-Dichlorophenoxy Acetic Acid (D)	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-Dichloroprop	µg/L	-	-	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	µg/L	-	-	---	---	---	---	---	---	---	---
Actril (loxynil)	µg/L	-	10 ^{#20}	---	---	---	---	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---	---



Monitoring Unit				GMG	GMG	GMG	GMG	GMG	GMG
Location Code				S1-BH10	S1-BH10	S1-BH10	S1-BH10	S1-BH15	S1-BH15
Well				A	A	A	A	A	A
Matrix Type				Water	Water	Water	Water	Water	Water
Lab Report Number				706369	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12
Date				07 Sep 2023	08 Jan 2018	08 Jan 2018	08 Jan 2018	08 Jan 2018	08 Jan 2018
Depth				6					
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Metals									
Aluminium (filtered)	µg/L	200 ^{#1}	-	---	---	---	---	---	---
Antimony (filtered)	µg/L	5 ^{#1}	-	---	---	---	---	---	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	---	---	---	---	---
Beryllium (filtered)	µg/L	-	-	---	---	---	---	---	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	170.00	---	---	180.00	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	---	---	---	---	---	---
Calcium (filtered)	mg/L	-	-	---	---	---	---	---	---
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---
Chromium	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	---	---	---	---
Chromium (Trivalent) (filtered)	µg/L	-	-	---	---	---	---	---	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	---	---	---	---	---	---
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	29.00	---	---	29.00	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	---	---	---	---	---	---
Magnesium	mg/L	-	-	---	0.11	---	---	0.69	---
Magnesium (filtered)	mg/L	-	-	---	---	---	---	---	---
Manganese	µg/L	50 ^{#1}	-	---	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	---	---	---	---	---	---
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	---	---	---	---	---	---
Molybdenum (filtered)	µg/L	70 ^{#3}	-	---	---	---	---	---	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	---	---	---	---	---	---
Potassium (filtered)	mg/L	-	-	---	---	---	---	---	---
Selenium (filtered)	µg/L	10 ^{#1}	-	---	---	---	---	---	---
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	---	---	---	---	---	---
Tin (filtered)	µg/L	-	10 ^{#25}	---	---	---	---	---	---
Titanium (filtered)	µg/L	-	-	---	---	---	---	---	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	---	---	---	---	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	---	---	---	---	---	---
Inorganics									
Total Hardness	mg/l	-	-	---	---	---	---	---	---
Alkalinity (Bicarbonate as CaCO3)	mg/L	-	-	---	---	---	---	---	---
Alkalinity (Bicarbonate as CaCO3) (filtered)	mg/L	-	-	---	---	---	---	---	---
Alkalinity (Bicarbonate) as HCO3	mg/L	-	-	---	---	---	---	---	---
Alkalinity (total) as CaCO3	mg/L	-	-	---	280.00	---	---	28.00	---
Alkalinity (total) as CaCO3 (filtered)	mg/L	-	-	---	---	---	---	---	---
Carbonate	µg/L	-	-	---	---	---	---	---	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	---	---	---	---	---
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---
Sulphate total (%) (filtered)	%	0.025 (SO4) ^{#5}	-	---	---	---	---	---	---
Ammonia	mg/L	-	0.021 ^{#19}	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	---	1.90	---	---	0.12	---
Nitrate (as N)	mg/L	-	-	---	---	---	---	---	---
Nitrogen (Total)	µg/L	-	-	---	---	---	---	---	---
Nitrite (as N)	mg/L	-	-	---	---	---	---	---	---
Chloride	mg/L	250 ^{#1}	-	---	220.00	---	---	110.00	---
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	<20.00	---	---	<20.00	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	<40.00	---	---	<40.00	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	<40.00	---	---	<40.00	---
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#6}	-	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#6}	-	---	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#7}	-	---	---	---	---	---	---



Monitoring Unit		GMG	GMG	GMG	GMG	GMG	GMG
Location Code		S1-BH10	S1-BH10	S1-BH10	S1-BH10	S1-BH15	S1-BH15
Well		A	A	A	A	A	A
Matrix Type		Water	Water	Water	Water	Water	Water
Lab Report Number		706369	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12
Date		07 Sep 2023	08 Jan 2018	08 Jan 2018	08 Jan 2018	08 Jan 2018	08 Jan 2018
Depth		6					
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS				
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#7}	-	---	---	---	---
Sulphate	mg/L	250 (SO4) ^{#5}	-	---	570.00	---	1,500.00
Sulphate (filtered)	mg/L	250 (SO4) ^{#5}	-	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	11.90	---	10.20
Sulphur as S	mg/L	-	-	---	---	---	---
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	---	---	---
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	---	170.00	---	<40.00
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	---
Ortho phosphate as PO4	mg/l	-	-	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	---	---
Ionic Balance	%	-	-	---	---	---	---
Orthophosphate as P (filtered)	mg/l	-	-	---	---	---	---
Silica	µg/L	-	-	---	---	---	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---
Other							
Carbon (filtered)	µg/L	-	-	---	---	---	---
Dissolved Inorganic Carbon (filtered)	µg/L	-	-	---	---	---	---
Inorganic Carbon (filtered)	µg/L	-	-	---	---	---	---
Dissolved Organic Carbon (filtered)	µg/L	-	-	---	---	---	---
Solids, Suspended	mg/L	-	-	---	---	---	---
Total Dissolved Solids	mg/L	-	-	---	1,600.00	---	2,200.00
Total Suspended Solids	mg/L	-	-	---	---	---	---
TPH CWG							
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	---	<0.10	---	<0.10
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	---	<0.10	---	<0.10
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	---	<0.10	---	<0.10
>C10-C44 Aliphatics	µg/L	-	-	---	---	---	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	---	<1.00	---	<1.00
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	<1.00	---	<1.00
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	<1.00	---	<1.00
>C16-C35 Aliphatics	µg/L	-	-	---	<2	---	5.2
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	<1.00	---	4.20
Total Aliphatics & Aromatics >C12-C35	µg/L	-	-	---	---	---	---
>C35-C40 Aliphatics	µg/L	-	-	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	---	---	---
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	<10.00	---	<10.00
Total Aliphatics >C5-C40	µg/L	-	-	---	---	---	---
Total Aliphatics >C12-C35	µg/L	-	-	---	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	<0.10	---	<0.10
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	---	<0.10	---	<0.10
>EC10-EC44 Aromatics	µg/L	-	-	---	---	---	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	---	<0.10	---	<0.10
>EC6-EC7 Aromatics	µg/L	-	-	---	---	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	---	1.20	---	<1.00
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	2.20	---	<1.00
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	<1.00	---	<1.00
>EC35-EC40 Aromatics	µg/L	-	-	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	<1.00	---	<1.00
>EC35-EC44 Aromatics	µg/L	-	-	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	---	---	---
Total Aromatics >EC5-EC40	µg/L	-	-	---	---	---	---
Total Aromatics >EC12-EC35	µg/L	-	-	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	<10.00	---	<10.00
TPH >C5-C40 Aliphatics/Aromatics	µg/L	-	-	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	---	---	---
TPH							
EPH >C10-40	µg/L	-	-	---	---	---	---
GRO >C5-12	µg/L	-	-	---	---	---	---
GRO C5-C10	µg/L	-	-	---	---	---	---
BTEX and MTBE							
Benzene	µg/L	1 ^{#1}	8 ^{#19}	---	<1.00	---	<1.00
Toluene	µg/L	700 ^{#2}	74 ^{#19}	---	<1.00	---	<1.00
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	---	<1.00	---	<1.00
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	---	<2.00	---	<2.00
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	---	<1.00	---	<1.00
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	---	<3	---	<3
MTBE	µg/L	15 ^{#10}	15 ^{#10}	---	<1.00	---	<1.00
Total BTEX	µg/L	-	-	---	---	---	---



Monitoring Unit				GMG	GMG	GMG	GMG	GMG	GMG
Location Code				S1-BH10	S1-BH10	S1-BH10	S1-BH10	S1-BH15	S1-BH15
Well				A	A	A	A	A	A
Matrix Type				Water	Water	Water	Water	Water	Water
Lab Report Number				706369	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12
Date				07 Sep 2023	08 Jan 2018	08 Jan 2018	08 Jan 2018	08 Jan 2018	08 Jan 2018
Depth				6					
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
PAH									
Naphthalene	µg/L	-	2 ^{#19}	<1	2.40	4.00	<1.00	0.02	<1.00
Acenaphthene	µg/L	-	-	0.297	1.10	<1.00	---	0.03	<1.00
Acenaphthylene	µg/L	-	-	0.0336	0.11	<1.00	---	0.01	<1.00
Fluoranthene	µg/L	-	0.0063 ^{#19}	0.211	0.14	<1.00	---	0.07	<1.00
Anthracene	µg/L	-	0.1 ^{#19}	0.0847	0.13	<1.00	---	0.02	<1.00
Phenanthrene	µg/L	-	-	0.386	1.80	<1.00	---	0.06	<1.00
Fluorene	µg/L	-	-	0.11	0.50	<1.00	---	0.01	<1.00
Chrysene	µg/L	-	-	0.0665	<0.01	---	---	0.02	<1.00
Pyrene	µg/L	-	-	0.141	0.08	<1.00	---	0.07	<1.00
Benzo(a)anthracene	µg/L	-	-	0.0351	<0.01	---	---	0.02	<1.00
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.0623	<0.01	---	---	0.03	<1.00
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.0281	<0.01	---	---	0.01	<1.00
Benzo(b+k)fluoranthene	µg/L	-	-	---	---	---	---	---	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	0.0435	<0.01	---	---	0.02	<1.00
Dibenz(a,h)anthracene	µg/L	-	-	---	<0.01	---	---	<0.01	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.0093	<0.01	---	---	<0.01	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.0264	<0.01	---	---	<0.01	---
PAH 16 Total	µg/L	-	-	---	6.30	---	---	0.39	---
Phenolics									
Total Phenols (monohydric)	µg/L	-	-	---	---	---	---	---	---
Total Phenols of 8 Speciated (filtered)	µg/L	-	-	---	---	---	---	---	---
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	<1.00	---	---	<1.00	---
Xylenols	µg/L	-	-	---	---	---	---	---	---
Xylenols (filtered)	µg/L	-	-	---	---	---	---	---	---
1-naphthol (filtered)	µg/L	-	-	---	---	---	---	---	---
Cresol Total (filtered)	µg/L	-	-	---	---	---	---	---	---
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	1.70	---	---	<1.00	---
Phenol (filtered)	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	---	---	---	---	---
Resorcinol (m-dihydroxybenzene) (filtered)	µg/L	-	-	---	---	---	---	---	---
Phenols Monohydric	µg/L	-	-	---	<100.00	13.00	---	<0.50	---
VOC									
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	<2	---	---	<2	---
Styrene	µg/L	-	50 ^{#20}	---	<1.00	---	---	<1.00	---
cis-1,3-dichloropropene	µg/L	-	-	---	---	---	---	---	---
trans-1,3-dichloropropene	µg/L	-	-	---	<1.00	---	---	<1.00	---
1,1,1,2-tetrachloroethane	µg/L	-	-	---	<1.00	---	---	<1.00	---
n-Pentanol	µg/L	-	-	---	---	---	---	---	---
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	---	<1.00	---	---	<1.00	---
1,1,2,2-tetrachloroethane	µg/L	-	-	---	<1.00	---	---	<1.00	---
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	---	<1.00	---	---	<1.00	---
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	---	<1.00	---	---	<1.00	---
1,1-dichloroethene	µg/L	140 ^{#14}	-	---	<1.00	---	---	<1.00	---
1,1-dichloropropene	µg/L	-	-	---	<1.00	---	---	<1.00	---
1,2,3-trichloropropane	µg/L	-	-	---	<1.00	---	---	<1.00	---
1,2,4-trimethylbenzene	µg/L	-	-	---	<1.00	---	---	<1.00	---
1,2-dibromo-3-chloropropane	µg/L	-	-	---	<1.00	---	---	<1.00	---
1,2-dibromoethane	µg/L	-	-	---	<1.00	---	---	<1.00	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	---	<1.00	---	---	<1.00	---
1,3-Dichloropropene	µg/L	-	-	---	<1.00	---	---	<1.00	---
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---	---	---	---	---
1,2-dichloropropane	µg/L	-	-	---	<1.00	---	---	<1.00	---
1,3,5-trimethylbenzene	µg/L	-	-	---	<1.00	---	---	<1.00	---
1,3-dichloropropane	µg/L	-	-	---	<1.00	---	---	<1.00	---
2,2-dichloropropane	µg/L	-	-	---	<2.00	---	---	<2.00	---
Trihalomethanes	µg/L	100 ^{#1}	-	---	---	---	---	---	---
2-chlorotoluene	µg/L	-	-	---	<1.00	---	---	<1.00	---
4-chlorotoluene	µg/L	-	-	---	<1.00	---	---	<1.00	---
Bromobenzene	µg/L	-	-	---	<1.00	---	---	<1.00	---
Bromochloromethane	µg/L	-	-	---	<4.00	---	---	<4.00	---
Bromodichloromethane	µg/L	25 ^{#15}	-	---	<4.00	---	---	<4.00	---
Bromoform	µg/L	25 ^{#15}	-	---	<1.00	---	---	<1.00	---
Bromomethane	µg/L	-	-	---	<1.00	---	---	<1.00	---
Carbon disulfide	µg/L	-	-	---	---	---	---	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	---	<1.00	---	---	<1.00	---
Chlorodibromomethane	µg/L	25 ^{#15}	-	---	<1.00	---	---	<1.00	---
Chloroethane	µg/L	-	-	---	<1.00	---	---	<1.00	---



Monitoring Unit		GMG	GMG	GMG	GMG	GMG	GMG
Location Code		S1-BH10	S1-BH10	S1-BH10	S1-BH10	S1-BH15	S1-BH15
Well		A	A	A	A	A	A
Matrix Type		Water	Water	Water	Water	Water	Water
Lab Report Number		706369	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12
Date		07 Sep 2023	08 Jan 2018	08 Jan 2018	08 Jan 2018	08 Jan 2018	08 Jan 2018
Depth		6					
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS				
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	---	<1.00	---	<1.00
Chloromethane	µg/L	-	-	---	<1.00	---	<1.00
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	<1.00	---	<1.00
Dibromomethane	µg/L	-	-	---	<1.00	---	<1.00
Dichlorodifluoromethane	µg/L	-	-	---	<1.00	---	<1.00
Dichloromethane	µg/L	-	20 ^{#19}	---	<27.00	---	<27.00
Isopropylbenzene	µg/L	-	-	---	<1.00	---	<1.00
n-butylbenzene	µg/L	-	-	---	<1.00	---	<1.00
n-propylbenzene	µg/L	-	-	---	<1.00	---	<1.00
p-isopropyltoluene	µg/L	-	-	---	<1.00	---	<1.00
sec-butylbenzene	µg/L	-	-	---	<1.00	---	<1.00
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	<1.00	---	<1.00
tert-butylbenzene	µg/L	-	-	---	<1.00	---	<1.00
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	<1.00	---	<1.00
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	<1.00	---	<1.00
Trichlorofluoromethane	µg/L	-	-	---	<1.00	---	<1.00
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	<1.00	---	<1.00
tert-Amyl methyl ether	µg/L	-	-	---	---	---	---
VOC/SVOC							
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1.00	---	<1.00
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1.00	---	<1.00
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1.00	---	<1.00
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<2.00	---	<2.00
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1.00	---	<1.00
Chlorobenzene	µg/L	100 ^{#18}	-	---	<1.00	---	<1.00
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	---	<1.00	---	<1.00
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	---	---
SVOC							
1,4-dinitrobenzene	µg/L	-	-	---	<1.00	---	<1.00
Benzyl alcohol	µg/L	-	-	---	<1.00	---	<1.00
4-bromophenyl phenyl ether	µg/L	-	-	---	<1.00	---	<1.00
4-nitroaniline	µg/L	-	-	---	<1.00	---	<1.00
4-nitrophenol	µg/L	-	-	---	<1.00	---	<1.00
catechol (o-dihydroxybenzene) (filtered)	µg/L	-	-	---	---	---	---
1,3-Dinitrobenzene	µg/L	-	-	---	<1.00	---	<1.00
1-Methylnaphthalene	µg/L	-	-	---	<1.00	---	<1.00
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	<1.00	---	<1.00
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	<1.00	---	<1.00
2,3,5-Trimethylphenol (filtered)	µg/L	-	-	---	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	---	<1.00	---	<1.00
2,4,6-trichlorophenol	µg/L	-	-	---	<1.00	---	<1.00
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	---	<1.00	---	<1.00
2,4-dimethylphenol	µg/L	-	-	---	<1.00	---	<1.00
2,4-dinitrotoluene	µg/L	-	-	---	<1.00	---	<1.00
2,6-dichlorophenol	µg/L	-	-	---	---	---	---
2,6-Dimethylphenol	µg/L	-	-	---	---	---	---
2,6-dinitrotoluene	µg/L	-	-	---	<1.00	---	<1.00
2-chloronaphthalene	µg/L	-	-	---	<1.00	---	<1.00
2-chlorophenol	µg/L	-	50 ^{#20}	---	<1.00	---	<1.00
2-Isopropylphenol (filtered)	µg/L	-	-	---	---	---	---
2-methylnaphthalene	µg/L	-	-	---	<1.00	---	<1.00
2-methylphenol	µg/L	-	-	---	<1.00	---	<1.00
2-nitroaniline	µg/L	-	-	---	<1.00	---	<1.00
2-nitrophenol	µg/L	-	-	---	---	---	---
3-nitroaniline	µg/L	-	-	---	<1.00	---	<1.00
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	---	<1.00	---	<1.00
4-chloroaniline	µg/L	-	-	---	---	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	<1.00	---	<1.00
4-methylphenol	µg/L	-	-	---	---	---	---
Aniline	µg/L	-	-	---	<1.00	---	<1.00
Azobenzene	µg/L	-	-	---	<1.00	---	<1.00
Bis(2-chloroethoxy) methane	µg/L	-	-	---	<1.00	---	<1.00
Bis(2-chloroethyl)ether	µg/L	-	-	---	---	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	<1.00	---	<1.00
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	<1.00	---	<1.00
Bis(2-ethylhexyl)ester	µg/L	-	-	---	<1.00	---	<1.00
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	<1.00	---	<1.00



Monitoring Unit		GMG	GMG	GMG	GMG	GMG	GMG
Location Code		S1-BH10	S1-BH10	S1-BH10	S1-BH10	S1-BH15	S1-BH15
Well		A	A	A	A	A	A
Matrix Type		Water	Water	Water	Water	Water	Water
Lab Report Number		706369	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12
Date		07 Sep 2023	08 Jan 2018	08 Jan 2018	08 Jan 2018	08 Jan 2018	08 Jan 2018
Depth		6					
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS				
Carbazole	µg/L	-	-	---	<1.00	---	---
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	---	---
Dibenzofuran	µg/L	-	-	---	<1.00	---	---
Diethylphthalate	µg/L	-	200 ^{#20}	---	<1.00	---	---
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	<1.00	---	---
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	<1.00	---	---
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	<1.00	---	---
Diphenylamine	µg/L	-	-	---	<1.00	---	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	---	<1.00	---	---
Hexachlorocyclopentadiene	µg/L	-	-	---	<1.00	---	---
Hexachloroethane	µg/L	-	-	---	---	---	---
Isophorone	µg/L	-	-	---	---	---	---
Nitrobenzene	µg/L	-	-	---	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	---	---
Pentachlorophenol	µg/L	-	0.4 ^{#19}	---	<1.00	---	---
PCB							
PCB 12	µg/L	-	-	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---	---	---
PCB 101	µg/L	-	-	---	---	---	<0.30
PCB 118 + PCB 123	mg/L	-	-	---	---	---	<0.00060
PCB 138	µg/L	-	-	---	---	---	<0.20
PCB 153	µg/L	-	-	---	---	---	<0.20
PCB 180	µg/L	-	-	---	---	---	<0.20
PCB 28 + PCB 31	µg/L	-	-	---	---	---	---
PCB 52	µg/L	-	-	---	---	---	<0.20
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-	---	---	---	<1.00
Total PCB WHO 12	µg/L	-	-	---	---	---	---
PCBs (Sum of total)	µg/L	-	-	---	---	---	---
Solvents							
4-Methyl-2-pentanone	µg/L	-	-	---	---	---	---
Acetone	µg/L	-	-	---	---	---	---
Tetrahydrofuran	µg/L	-	-	---	---	---	---
Polybrominated Diphenyl Ethers							
BDE-100	ng/l	-	-	---	---	---	---
BDE-153	ng/l	-	-	---	---	---	---
BDE-154	ng/l	-	-	---	---	---	---
BDE-183	ng/l	-	-	---	---	---	---
BDE-28	ng/l	-	-	---	---	---	---
BDE-47	ng/l	-	-	---	---	---	---
BDE-99	ng/l	-	-	---	---	---	---
Sum of selected BDE	ng/l	-	-	---	---	---	---
BDE-209	ng/l	-	-	---	---	---	---
Organotins							
Dibutyltin	µg/L	-	-	---	---	---	---
Tetrabutyltin	µg/L	-	-	---	---	---	---
Tributyltin	µg/L	-	0.0002 ^{#19}	---	---	---	---
Triphenyltin	µg/L	-	0.0002 (MAC) ^{#37}	---	---	---	---
Alcohols							
Butyl alcohol, sec-	µg/L	-	-	---	---	---	---
1-Butanol	µg/L	-	-	---	---	---	---
Methyl Ethyl Ketone	µg/L	-	-	---	---	---	---
Ethanol	µg/L	-	-	---	---	---	---
Methanol	µg/L	-	-	---	---	---	---
Isobutanol	µg/L	-	-	---	---	---	---



Monitoring Unit		GMG	GMG	GMG	GMG	GMG	GMG
Location Code		S1-BH10	S1-BH10	S1-BH10	S1-BH10	S1-BH15	S1-BH15
Well		A	A	A	A	A	A
Matrix Type		Water	Water	Water	Water	Water	Water
Lab Report Number		706369	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12
Date		07 Sep 2023	08 Jan 2018	08 Jan 2018	08 Jan 2018	08 Jan 2018	08 Jan 2018
Depth		6					
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS				
2-Propanol	µg/L	-	-	---	---	---	---
n-Heptanol	µg/L	-	-	---	---	---	---
n-Hexanol	µg/L	-	-	---	---	---	---
1-Propanol	µg/L	-	-	---	---	---	---
tert-Butyl alcohol	µg/L	12	12	---	---	---	---
Acetates							
n-Propyl Acetate	µg/L	-	-	---	---	---	---
1,2-butylacetate	µg/L	-	-	---	---	---	---
Ethyl acetate	µg/L	-	-	---	---	---	---
Iso-Propyl Acetate	µg/L	-	-	---	---	---	---
Methyl acetate	µg/L	-	-	---	---	---	---
Glycols							
1,3-Butanediol (filtered)	µg/L	-	-	---	---	---	---
1,3-Propanediol (filtered)	µg/L	-	-	---	---	---	---
1,4-Butanediol (filtered)	µg/L	-	-	---	---	---	---
Diethylene glycol (filtered)	µg/L	-	-	---	---	---	---
Ethylene glycol (filtered)	µg/L	-	-	---	---	---	---
Propylene glycol (filtered)	µg/L	-	-	---	---	---	---
Triethylene Glycol (filtered)	µg/L	-	-	---	---	---	---
Pesticides							
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---
2,4-Dichlorophenoxy Acetic Acid (D)	µg/L	-	-	---	---	---	---
2,4-Dichloroprop	µg/L	-	-	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	µg/L	-	-	---	---	---	---
Actril (Ioxynil)	µg/L	-	10 ^{#20}	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---



Monitoring Unit				GMG	MG	MG	MG	MG	MG	MG
Location Code				S1-BH15	B-BH25	B-BH25	S1-BH03	S1-BH03	S1-BH16	S1-BH16
Well				A	-	-	A	A	A	A
Matrix Type				Water	Water	Water	Water	Water	Water	Water
Lab Report Number				20211022 ARC SSI1-SS12	23-26146	23-26146	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	703111	703111
Date				22 Feb 2018	02 Nov 2023	02 Nov 2023	08 Jan 2018	08 Jan 2018	18 Aug 2023	18 Aug 2023
Depth					3.42 - 4.12	3.42 - 4.12			0 - 0	0 - 0
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Metals										
Aluminium (filtered)	µg/L	200 ^{#1}	-	---	1,100	---	---	---	11.5	---
Antimony (filtered)	µg/L	5 ^{#1}	-	---	0.99	---	---	---	---	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	7.00	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	---	2.7	---	---	---	1.09	---
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	310	---	---	---	---	---
Beryllium (filtered)	µg/L	-	-	---	<0.1	---	---	---	---	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	<100.00	---	---	480.00	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	19	---	---	---	181	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	---	<0.03	---	---	---	<0.08	---
Calcium (filtered)	mg/L	-	-	---	500	---	---	---	350	---
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	<7	---	---	---	---	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	<30	---
Chromium	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	---	---	---	7.12	---
Chromium (Trivalent) (filtered)	µg/L	-	-	---	4	---	---	---	---	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	---	22	---	---	---	<0.3	---
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	---	---	<50	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	---	---	<100	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	46.00	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	---	140	---	---	---	<19	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	---	0.42	---	---	---	<0.2	---
Magnesium	mg/L	-	-	---	---	---	15.00	---	---	---
Magnesium (filtered)	mg/L	-	-	---	0.12	---	---	---	0.088	---
Manganese	µg/L	50 ^{#1}	-	---	---	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	---	3.9	---	---	---	<3	---
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	---	0.05	---	---	---	0.0218	---
Molybdenum (filtered)	µg/L	70 ^{#3}	-	---	130	---	---	---	27.3	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	---	11	---	---	---	0.934	---
Potassium (filtered)	mg/L	-	-	---	60	---	---	---	98.4	---
Selenium (filtered)	µg/L	10 ^{#1}	-	---	3.3	---	---	---	<1	---
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	1,530	---
Sodium (filtered)	mg/L	200 ^{#1}	-	---	380	---	---	---	130	---
Tin (filtered)	µg/L	-	10 ^{#25}	---	<0.4	---	---	---	---	---
Titanium (filtered)	µg/L	-	-	---	<0.3	---	---	---	---	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	1.5	---	---	---	---	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	---	<1.3	---	---	---	2.51	---
Inorganics										
Total Hardness	mg/l	-	-	---	1,250	---	---	---	---	---
Alkalinity (Bicarbonate as CaCO3)	mg/L	-	-	---	---	---	---	---	<3	---
Alkalinity (Bicarbonate as CaCO3) (filtered)	mg/L	-	-	---	---	---	---	---	---	---
Alkalinity (Bicarbonate) as HCO3	mg/L	-	-	---	---	---	---	---	---	---
Alkalinity (total) as CaCO3	mg/L	-	-	---	1,300	---	80.00	---	285	---
Alkalinity (total) as CaCO3 (filtered)	mg/L	-	-	---	---	---	---	---	---	---
Carbonate	µg/L	-	-	---	---	---	---	---	---	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	0.8	---	---	---	---	---
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	3.51	---
Sulphate total (%) (filtered)	%	0.025 (SO4) ^{#5}	-	---	---	---	---	---	---	---
Ammonia	mg/L	-	0.021 ^{#19}	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	---	0.62	---	4.90	---	---	---
Nitrate (as N)	mg/L	-	-	---	0.37	---	---	---	---	---
Nitrogen (Total)	µg/L	-	-	---	---	---	---	---	3,510	---
Nitrite (as N)	mg/L	-	-	---	0.096	---	---	---	---	---
Chloride	mg/L	250 ^{#1}	-	---	310	---	250.00	---	---	---
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	---	---	174	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	0.5	---	<20.00	---	---	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	<2.5	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	310.00	1.4	---	<40.00	---	---	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	<5	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	0.9	---	<40.00	---	---	---
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	<5	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#6}	-	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#6}	-	---	---	---	---	---	<0.3	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#7}	-	---	---	---	---	---	---	---



Monitoring Unit		GMG	MG	MG	MG	MG	MG	MG
Location Code		S1-BH15	B-BH25	B-BH25	S1-BH03	S1-BH03	S1-BH16	S1-BH16
Well		A	-	-	A	A	A	A
Matrix Type		Water	Water	Water	Water	Water	Water	Water
Lab Report Number		20211022 ARC SSI1-SS12	23-26146	23-26146	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	703111	703111
Date		22 Feb 2018	02 Nov 2023	02 Nov 2023	08 Jan 2018	08 Jan 2018	18 Aug 2023	18 Aug 2023
Depth			3.42 - 4.12	3.42 - 4.12			0 - 0	0 - 0
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS					
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#7}	-	---	---	---	0.081	---
Sulphate	mg/L	250 (SO4) ^{#5}	-	1,400.00	380	690.00	---	---
Sulphate (filtered)	mg/L	250 (SO4) ^{#5}	-	---	---	---	707	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	10.40	---	8.80	11.8	---
Sulphur as S	mg/L	-	-	---	16	---	320	---
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	70	---	---	---
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	33.6	---
Thiocyanate (as SCN)	µg/L	-	-	---	75	50.00	---	---
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	<50	---
Ortho phosphate as PO4	mg/l	-	-	---	<0.03	---	---	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	---	<0.05	---
Ionic Balance	%	-	-	---	101	---	1.17	---
Orthophosphate as P (filtered)	mg/l	-	-	---	---	---	---	---
Silica	µg/L	-	-	---	6,800	---	---	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	<20,000	---	---	---
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	1,070	---
Other								
Carbon (filtered)	µg/L	-	-	---	---	---	---	---
Dissolved Inorganic Carbon (filtered)	µg/L	-	-	---	---	---	---	---
Inorganic Carbon (filtered)	µg/L	-	-	---	---	---	3,430	---
Dissolved Organic Carbon (filtered)	µg/L	-	-	---	780,000	---	4,810	---
Solids, Suspended	mg/L	-	-	---	<5	---	---	---
Total Dissolved Solids	mg/L	-	-	---	---	1,200.00	---	---
Total Suspended Solids	mg/L	-	-	---	---	---	17.6	---
TPH CWG								
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<0.10	57	<0.10	<10	---
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	<0.10	55	<0.10	<10	---
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	<0.10	8.2	<0.10	<10	---
>C10-C44 Aliphatics	µg/L	-	-	---	<1	---	---	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<1.00	<1	<1.00	<10	---
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	<1.00	<1	<1.00	32	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	<1.00	<1	<1.00	31	---
>C16-C35 Aliphatics	µg/L	-	-	<2	<2	---	42	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	<1.00	<1	<1.00	11	---
Total Aliphatics & Aromatics >C12-C35	µg/L	-	-	---	---	---	---	---
>C35-C40 Aliphatics	µg/L	-	-	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	<1	---	---	---
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	<10.00	---	<10.00	---	---
Total Aliphatics >C5-C40	µg/L	-	-	---	---	---	---	---
Total Aliphatics >C12-C35	µg/L	-	-	---	---	---	74	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	<0.10	11	<0.10	---	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<0.10	7.5	<0.10	<10	---
>EC10-EC44 Aromatics	µg/L	-	-	---	<1	---	---	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	<0.10	130	<0.10	<10	---
>EC6-EC7 Aromatics	µg/L	-	-	---	---	---	<10	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	3.30	<1	<1.00	<10	---
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	<1.00	<1	<1.00	<10	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	<1.00	<1	<1.00	<10	---
>EC35-EC40 Aromatics	µg/L	-	-	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	<1.00	<1	<1.00	<10	---
>EC35-EC44 Aromatics	µg/L	-	-	---	<1	---	---	---
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	<1	---	---	---
Total Aromatics >EC5-EC40	µg/L	-	-	---	---	---	---	---
Total Aromatics >EC12-EC35	µg/L	-	-	---	---	---	<10	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	<10.00	---	<10.00	74	---
TPH >C5-C40 Aliphatics/Aromatics	µg/L	-	-	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	268.7	---	---	---
TPH								
EPH >C10-40	µg/L	-	-	---	490	---	---	---
GRO >C5-12	µg/L	-	-	---	---	---	<50	---
GRO C5-C10	µg/L	-	-	---	260	---	---	---
BTEX and MTBE								
Benzene	µg/L	1 ^{#1}	8 ^{#19}	<1.00	<1	<1.00	<1	---
Toluene	µg/L	700 ^{#2}	74 ^{#19}	<1.00	<1	<1.00	<1	---
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	<1.00	<1	<1.00	<1	---
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	---	<2	<2.00	<1	---
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	---	<5	<1.00	<1	---
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	<1.00	4	<3	<2	---
MTBE	µg/L	15 ^{#10}	15 ^{#10}	---	<1	<1.00	<1	---
Total BTEX	µg/L	-	-	---	---	---	<5	---

Monitoring Unit	GMG	MG	MG	MG	MG	MG	MG
Location Code	S1-BH15	B-BH25	B-BH25	S1-BH03	S1-BH03	S1-BH16	S1-BH16
Well	A	-	-	A	A	A	A
Matrix Type	Water	Water	Water	Water	Water	Water	Water
Lab Report Number	20211022 ARC SSI1-SS12	23-26146	23-26146	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	703111	703111
Date	22 Feb 2018	02 Nov 2023	02 Nov 2023	08 Jan 2018	08 Jan 2018	18 Aug 2023	18 Aug 2023
Depth		3.42 - 4.12	3.42 - 4.12			0 - 0	0 - 0

	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
PAH										
Naphthalene	µg/L	-	2 ^{#19}	0.04	<0.5	---	0.05	<1.00	0.439	<1
Acenaphthene	µg/L	-	-	0.05	<0.1	---	0.03	<1.00	<2	0.265
Acenaphthylene	µg/L	-	-	<0.01	<0.1	---	0.01	<1.00	<2	0.0326
Fluoranthene	µg/L	-	0.0063 ^{#19}	0.21	<0.1	---	0.11	<1.00	<2	0.169
Anthracene	µg/L	-	0.1 ^{#19}	0.02	<0.1	---	0.02	<1.00	<2	0.0964
Phenanthrene	µg/L	-	-	0.12	0.17	---	0.12	<1.00	<2	0.937
Fluorene	µg/L	-	-	0.04	<0.1	---	0.03	<1.00	<2	0.129
Chrysene	µg/L	-	-	0.10	<0.1	---	0.04	<1.00	<0.005	---
Pyrene	µg/L	-	-	0.23	<0.1	---	0.13	<1.00	<2	0.114
Benzo(a)anthracene	µg/L	-	-	0.09	<0.1	---	0.03	<1.00	<0.005	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.13	<0.1	---	0.06	<1.00	<0.005	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.05	<0.1	---	0.02	<1.00	<0.005	---
Benzo(b+k)fluoranthene	µg/L	-	-	---	<0.2	---	---	---	---	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	0.10	<0.1	---	0.03	<1.00	<0.002	---
Dibenz(a,h)anthracene	µg/L	-	-	<0.01	<0.1	---	<0.01	---	<0.005	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.06	<0.1	---	0.03	<1.00	<0.005	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.07	<0.1	---	0.02	<1.00	<0.005	---
PAH 16 Total	µg/L	-	-	1.30	<2	---	0.76	---	2.18	---
Phenolics										
Total Phenols (monohydric)	µg/L	-	-	---	<100	---	---	---	---	---
Total Phenols of 8 Speciated (filtered)	µg/L	-	-	---	---	---	---	---	<45	---
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	<10	---	<1.00	---	---	---
Xylenols	µg/L	-	-	---	---	---	---	---	---	---
Xylenols (filtered)	µg/L	-	-	---	---	---	---	---	<8	---
1-naphthol (filtered)	µg/L	-	-	---	---	---	---	---	<10	---
Cresol Total (filtered)	µg/L	-	-	---	---	---	---	---	<6	---
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	<0.1	---	<1.00	---	<2	---
Phenol (filtered)	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	---	---	---	---	<2	---
Resorcinol (m-dihydroxybenzene) (filtered)	µg/L	-	-	---	---	---	---	---	<10	---
Phenols Monohydric	µg/L	-	-	<0.50	---	---	4.20	---	---	---
VOC										
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	<2	---	<2	---	---	---
Styrene	µg/L	-	50 ^{#20}	---	<1	---	<1.00	---	<1	---
cis-1,3-dichloropropene	µg/L	-	-	---	<1	---	---	---	<1	---
trans-1,3-dichloropropene	µg/L	-	-	---	<1	---	<1.00	---	<1	---
1,1,1,2-tetrachloroethane	µg/L	-	-	---	<1	---	<1.00	---	<1	---
n-Pentanol	µg/L	-	-	---	---	---	---	---	---	---
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	---	<1	---	<1.00	---	<1	---
1,1,2,2-tetrachloroethane	µg/L	-	-	---	<1	---	<1.00	---	<1	---
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	---	<1	---	<1.00	---	<1	---
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	---	<1	---	<1.00	---	<1	---
1,1-dichloroethene	µg/L	140 ^{#14}	-	---	<1	---	<1.00	---	<1	---
1,1-dichloropropene	µg/L	-	-	---	2	---	<1.00	---	<1	---
1,2,3-trichloropropane	µg/L	-	-	---	<1	---	<1.00	---	<1	---
1,2,4-trimethylbenzene	µg/L	-	-	---	<1	---	<1.00	---	<1	---
1,2-dibromo-3-chloropropane	µg/L	-	-	---	<1	---	<1.00	---	<1	---
1,2-dibromoethane	µg/L	-	-	---	<1	---	<1.00	---	<1	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	---	<1	---	<1.00	---	<1	---
1,3-Dichloropropene	µg/L	-	-	---	---	---	<1.00	---	---	---
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	<2	---	---	---	---	---
1,2-dichloropropane	µg/L	-	-	---	<1	---	<1.00	---	<1	---
1,3,5-trimethylbenzene	µg/L	-	-	---	<1	---	<1.00	---	<1	---
1,3-dichloropropane	µg/L	-	-	---	<1	---	<1.00	---	<1	---
2,2-dichloropropane	µg/L	-	-	---	<2	---	<2.00	---	<1	---
Trihalomethanes	µg/L	100 ^{#1}	-	---	<7	---	---	---	---	---
2-chlorotoluene	µg/L	-	-	---	<1	---	<1.00	---	<1	---
4-chlorotoluene	µg/L	-	-	---	<1	---	<1.00	---	<1	---
Bromobenzene	µg/L	-	-	---	<1	---	<1.00	---	<1	---
Bromochloromethane	µg/L	-	-	---	<4	---	<4.00	---	<1	---
Bromodichloromethane	µg/L	25 ^{#15}	-	---	<4	---	<4.00	---	<1	---
Bromoform	µg/L	25 ^{#15}	-	---	<1	---	<1.00	---	<1	---
Bromomethane	µg/L	-	-	---	<1	---	<1.00	---	<1	---
Carbon disulfide	µg/L	-	-	---	---	---	---	---	<1	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	---	3	---	<1.00	---	<1	---
Chlorodibromomethane	µg/L	25 ^{#15}	-	---	<1	---	<1.00	---	<1	---
Chloroethane	µg/L	-	-	---	<1	---	<1.00	---	<1	---



Monitoring Unit	GMG	MG	MG	MG	MG	MG
Location Code	S1-BH15	B-BH25	B-BH25	S1-BH03	S1-BH03	S1-BH16
Well	A	-	-	A	A	A
Matrix Type	Water	Water	Water	Water	Water	Water
Lab Report Number	20211022 ARC SSI1-SS12	23-26146	23-26146	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	703111
Date	22 Feb 2018	02 Nov 2023	02 Nov 2023	08 Jan 2018	08 Jan 2018	18 Aug 2023
Depth		3.42 - 4.12	3.42 - 4.12			0 - 0

	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	---	<1	---	<1.00	---	<1	---
Chloromethane	µg/L	-	-	---	<1	---	<1.00	---	<1	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	<1	---	<1.00	---	<1	---
Dibromomethane	µg/L	-	-	---	<1	---	<1.00	---	<1	---
Dichlorodifluoromethane	µg/L	-	-	---	4	---	<1.00	---	<1	---
Dichloromethane	µg/L	-	20 ^{#19}	---	<27	---	<27.00	---	<3	---
Isopropylbenzene	µg/L	-	-	---	<1	---	<1.00	---	<1	---
n-butylbenzene	µg/L	-	-	---	<1	---	<1.00	---	<1	---
n-propylbenzene	µg/L	-	-	---	<1	---	<1.00	---	<1	---
p-isopropyltoluene	µg/L	-	-	---	<1	---	<1.00	---	<1	---
sec-butylbenzene	µg/L	-	-	---	<1	---	<1.00	---	<1	---
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	<1	---	<1.00	---	<1	---
tert-butylbenzene	µg/L	-	-	---	<1	---	<1.00	---	<1	---
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	<1	---	<1.00	---	<1	---
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	<1	---	<1.00	---	<1	---
Trichlorofluoromethane	µg/L	-	-	---	<1	---	<1.00	---	<1	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	<1	---	<1.00	---	<1	---
tert-Amyl methyl ether	µg/L	-	-	---	<5	---	---	---	<1	---
VOC/SVOC										
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1	---	<1.00	---	<1	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1	---	<1.00	---	<1	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1	---	<1.00	---	<1	---
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---	<1	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<2	---	<2.00	---	<1	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1	---	<1.00	---	<1	---
Chlorobenzene	µg/L	100 ^{#18}	-	---	<1	---	<1.00	---	<1	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	---	<1	---	<1.00	---	<1	---
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	<2	---	---	---	---	---
SVOC										
1,4-dinitrobenzene	µg/L	-	-	---	<10	---	<1.00	---	---	---
Benzyl alcohol	µg/L	-	-	---	<10	---	<1.00	---	---	---
4-bromophenyl phenyl ether	µg/L	-	-	---	<10	---	<1.00	---	<2	---
4-nitroaniline	µg/L	-	-	---	<10	---	<1.00	---	<2	---
4-nitrophenol	µg/L	-	-	---	<10	---	<1.00	---	<2	---
catechol (o-dihydroxybenzene) (filtered)	µg/L	-	-	---	---	---	---	---	<10	---
1,3-Dinitrobenzene	µg/L	-	-	---	<10	---	<1.00	---	---	---
1-Methylnaphthalene	µg/L	-	-	---	<10	---	<1.00	---	---	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	<10	---	<1.00	---	---	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	<10	---	<1.00	---	---	---
2,3,5-Trimethylphenol (filtered)	µg/L	-	-	---	---	---	---	---	<3	---
2,4,5-trichlorophenol	µg/L	-	-	---	<10	---	<1.00	---	<2	---
2,4,6-trichlorophenol	µg/L	-	-	---	<0.1	---	<1.00	---	<2	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	---	<0.1	---	<1.00	---	<2	---
2,4-dimethylphenol	µg/L	-	-	---	<0.1	---	<1.00	---	<2	---
2,4-dinitrotoluene	µg/L	-	-	---	<10	---	<1.00	---	<2	---
2,6-dichlorophenol	µg/L	-	-	---	<0.1	---	---	---	---	---
2,6-Dimethylphenol	µg/L	-	-	---	<0.1	---	---	---	---	---
2,6-dinitrotoluene	µg/L	-	-	---	<10	---	<1.00	---	<2	---
2-chloronaphthalene	µg/L	-	-	---	<10	---	<1.00	---	<2	---
2-chlorophenol	µg/L	-	50 ^{#20}	---	<10	---	<1.00	---	<2	---
2-Isopropylphenol (filtered)	µg/L	-	-	---	---	---	---	---	<6	---
2-methylnaphthalene	µg/L	-	-	---	<10	---	<1.00	---	<2	---
2-methylphenol	µg/L	-	-	---	<10	---	<1.00	---	<2	---
2-nitroaniline	µg/L	-	-	---	<10	---	<1.00	---	<2	---
2-nitrophenol	µg/L	-	-	---	---	---	---	---	<2	---
3-nitroaniline	µg/L	-	-	---	<10	---	<1.00	---	<2	---
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	---	<0.1	---	<1.00	---	<2	---
4-chloroaniline	µg/L	-	-	---	---	---	---	---	<2	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	<10	---	<1.00	---	<2	---
4-methylphenol	µg/L	-	-	---	<0.1	---	---	---	<2	---
Aniline	µg/L	-	-	---	<10	---	<1.00	---	---	---
Azobenzene	µg/L	-	-	---	<10	---	<1.00	---	<2	---
Bis(2-chloroethoxy) methane	µg/L	-	-	---	<10	---	<1.00	---	<2	---
Bis(2-chloroethyl)ether	µg/L	-	-	---	---	---	---	---	<2	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	<10	---	1.60	---	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	<10	---	<1.00	---	<4	---
Bis(2-ethylhexyl)ester	µg/L	-	-	---	<10	---	<1.00	---	---	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	<10	---	<1.00	---	<2	---



Monitoring Unit		GMG	MG	MG	MG	MG	MG	MG	MG
Location Code		S1-BH15	B-BH25	B-BH25	S1-BH03	S1-BH03	S1-BH16	S1-BH16	
Well		A	-	-	A	A	A	A	
Matrix Type		Water	Water	Water	Water	Water	Water	Water	
Lab Report Number		20211022 ARC SSI1-SS12	23-26146	23-26146	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	703111	703111	
Date		22 Feb 2018	02 Nov 2023	02 Nov 2023	08 Jan 2018	08 Jan 2018	18 Aug 2023	18 Aug 2023	
Depth			3.42 - 4.12	3.42 - 4.12			0 - 0	0 - 0	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Carbazole	µg/L	-	-	---	<10	---	<1.00	---	<2
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	---	---	---	---
Dibenzofuran	µg/L	-	-	---	<10	---	<1.00	---	<2
Diethylphthalate	µg/L	-	200 ^{#20}	---	<10	---	<1.00	---	<2
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	<10	---	<1.00	---	<2
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	<10	---	<1.00	---	<2
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	<10	---	<1.00	---	<10
Diphenylamine	µg/L	-	-	---	<10	---	<1.00	---	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	---	<10	---	<1.00	---	<2
Hexachlorocyclopentadiene	µg/L	-	-	---	<10	---	<1.00	---	<2
Hexachloroethane	µg/L	-	-	---	---	---	---	---	<2
Isophorone	µg/L	-	-	---	---	---	---	---	<2
Nitrobenzene	µg/L	-	-	---	---	---	---	---	<2
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	---	---	---	<2
Pentachlorophenol	µg/L	-	0.4 ^{#19}	---	<10	---	<1.00	---	<2
PCB									
PCB 12	µg/L	-	-	---	---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	<0.3	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	<0.3	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	<0.2	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	<0.3	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	<0.2	---	---	---	---
PCB 101	µg/L	-	-	---	<0.3	---	---	---	---
PCB 118 + PCB 123	mg/L	-	-	---	<0.0006	---	---	---	---
PCB 138	µg/L	-	-	---	<0.2	---	---	---	---
PCB 153	µg/L	-	-	---	<0.2	---	---	---	---
PCB 180	µg/L	-	-	---	<0.2	---	---	---	---
PCB 28 + PCB 31	µg/L	-	-	---	<0.3	---	---	---	---
PCB 52	µg/L	-	-	---	<0.2	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	<0.2	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	<0.3	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	<0.5	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	<0.3	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	<0.2	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-	---	<1	---	---	---	---
Total PCB WHO 12	µg/L	-	-	---	<1	---	---	---	---
PCBs (Sum of total)	µg/L	-	-	---	---	---	---	---	---
Solvents									
4-Methyl-2-pentanone	µg/L	-	-	---	---	---	---	---	---
Acetone	µg/L	-	-	---	---	---	---	---	---
Tetrahydrofuran	µg/L	-	-	---	---	---	---	---	---
Polybrominated Diphenyl Ethers									
BDE-100	ng/l	-	-	---	---	---	---	---	---
BDE-153	ng/l	-	-	---	---	---	---	---	---
BDE-154	ng/l	-	-	---	---	---	---	---	---
BDE-183	ng/l	-	-	---	---	---	---	---	---
BDE-28	ng/l	-	-	---	---	---	---	---	---
BDE-47	ng/l	-	-	---	---	---	---	---	---
BDE-99	ng/l	-	-	---	---	---	---	---	---
Sum of selected BDE	ng/l	-	-	---	---	---	---	---	---
BDE-209	ng/l	-	-	---	---	---	---	---	---
Organotins									
Dibutyltin	µg/L	-	-	---	---	---	---	---	---
Tetrabutyltin	µg/L	-	-	---	---	---	---	---	---
Tributyltin	µg/L	-	0.0002 ^{#19}	---	---	---	---	---	---
Triphenyltin	µg/L	-	0.0002 (MAC) ^{#37}	---	---	---	---	---	---
Alcohols									
Butyl alcohol, sec-	µg/L	-	-	---	---	---	---	---	---
1-Butanol	µg/L	-	-	---	---	---	---	---	---
Methyl Ethyl Ketone	µg/L	-	-	---	---	---	---	---	---
Ethanol	µg/L	-	-	---	---	---	---	---	---
Methanol	µg/L	-	-	---	---	---	---	---	---
Isobutanol	µg/L	-	-	---	---	---	---	---	---



Monitoring Unit		GMG	MG	MG	MG	MG	MG	MG
Location Code		S1-BH15	B-BH25	B-BH25	S1-BH03	S1-BH03	S1-BH16	S1-BH16
Well		A	-	-	A	A	A	A
Matrix Type		Water	Water	Water	Water	Water	Water	Water
Lab Report Number		20211022 ARC SSI1-SS12	23-26146	23-26146	20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	703111	703111
Date		22 Feb 2018	02 Nov 2023	02 Nov 2023	08 Jan 2018	08 Jan 2018	18 Aug 2023	18 Aug 2023
Depth			3.42 - 4.12	3.42 - 4.12			0 - 0	0 - 0
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS					
2-Propanol	µg/L	-	-	---	---	---	---	---
n-Heptanol	µg/L	-	-	---	---	---	---	---
n-Hexanol	µg/L	-	-	---	---	---	---	---
1-Propanol	µg/L	-	-	---	---	---	---	---
tert-Butyl alcohol	µg/L	12	12	---	---	---	---	---
Acetates								
n-Propyl Acetate	µg/L	-	-	---	---	---	---	---
1,2-butylacetate	µg/L	-	-	---	---	---	---	---
Ethyl acetate	µg/L	-	-	---	---	---	---	---
Iso-Propyl Acetate	µg/L	-	-	---	---	---	---	---
Methyl acetate	µg/L	-	-	---	---	---	---	---
Glycols								
1,3-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---
1,3-Propanediol (filtered)	µg/L	-	-	---	---	---	---	---
1,4-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---
Diethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---
Ethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---
Propylene glycol (filtered)	µg/L	-	-	---	---	---	---	---
Triethylene Glycol (filtered)	µg/L	-	-	---	---	---	---	---
Pesticides								
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---
2,4-Dichlorophenoxy Acetic Acid (D)	µg/L	-	-	---	---	---	---	---
2,4-Dichloroprop	µg/L	-	-	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	µg/L	-	-	---	---	---	---	---
Actril (Ioxynil)	µg/L	-	10 ^{#20}	---	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---



Monitoring Unit Location Code Well Matrix Type Lab Report Number Date Depth				MG	MG	MG	MG	MG	MG
				S1-BH16	S1-BH16	S1-BH17	S1-BH17	S1-BH17	S1-BH17
				A	A	A	A	A	A
				Water	Water	Water	Water	Water	Water
				20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	703093	703093	706369	20211022 ARC SSI1-SS12
				08 Jan 2018	08 Jan 2018	03 Aug 2023	03 Aug 2023	07 Sep 2023	08 Jan 2018
		5	5	4.75					
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Metals									
Aluminium (filtered)	µg/L	200 ^{#1}	-	---	---	16.3	---	42.7	---
Antimony (filtered)	µg/L	5 ^{#1}	-	---	---	---	---	---	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	---	---	36.6	---	9.05	---
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	---	---	---	---	---
Beryllium (filtered)	µg/L	-	-	---	---	---	---	---	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	210.00	---	---	---	---	650.00
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	503	---	245	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	---	---	<0.08	---	<0.08	---
Calcium (filtered)	mg/L	-	-	---	---	532	---	352	---
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	<30	---	<30	---
Chromium	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	26.3	---	7.62	---
Chromium (Trivalent) (filtered)	µg/L	-	-	---	---	---	---	---	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	---	---	0.905	---	0.996	---
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	51	---	<50	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	<100	---	<100	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	48.00	---	---	---	---	210.00
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	37.5	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	---	---	<0.2	---	<0.2	---
Magnesium	mg/L	-	-	0.12	---	---	---	---	16.00
Magnesium (filtered)	mg/L	-	-	---	---	6.24	---	3.47	---
Manganese	µg/L	50 ^{#1}	-	---	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	---	---	18.2	---	238	---
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	---	---	<0.01	---	<0.01	---
Molybdenum (filtered)	µg/L	70 ^{#3}	-	---	---	9.91	---	38.2	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	---	---	<0.4	---	0.945	---
Potassium (filtered)	mg/L	-	-	---	---	103	---	98	---
Selenium (filtered)	µg/L	10 ^{#1}	-	---	---	3.81	---	1.88	---
Silicon (filtered)	µg/L	-	-	---	---	6,520	---	2,860	---
Sodium (filtered)	mg/L	200 ^{#1}	-	---	---	22.6	---	34	---
Tin (filtered)	µg/L	-	10 ^{#25}	---	---	---	---	---	---
Titanium (filtered)	µg/L	-	-	---	---	---	---	---	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	---	---	---	---	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	---	---	1.41	---	6.95	---
Inorganics									
Total Hardness	mg/l	-	-	---	---	---	---	---	---
Alkalinity (Bicarbonate as CaCO3)	mg/L	-	-	---	---	22.7	---	---	---
Alkalinity (Bicarbonate as CaCO3) (filtered)	mg/L	-	-	---	---	---	---	---	---
Alkalinity (Bicarbonate) as HCO3	mg/L	-	-	---	---	---	---	23.8	---
Alkalinity (total) as CaCO3	mg/L	-	-	340.00	---	22.7	---	23.8	44.00
Alkalinity (total) as CaCO3 (filtered)	mg/L	-	-	---	---	---	---	---	---
Carbonate	µg/L	-	-	---	---	---	---	---	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	---	---	---	---	---
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	0.77	---	0.696	---
Sulphate total (%) (filtered)	%	0.025 (SO4) ^{#5}	-	---	---	---	---	---	---
Ammonia	mg/L	-	0.021 ^{#19}	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	3.30	---	---	---	---	0.62
Nitrate (as N)	mg/L	-	-	---	---	---	---	---	---
Nitrogen (Total)	µg/L	-	-	---	---	<200	---	431	---
Nitrite (as N)	mg/L	-	-	---	---	---	---	---	---
Chloride	mg/L	250 ^{#1}	-	250.00	---	---	---	---	270.00
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	21	---	68.1	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	<20.00	---	---	---	---	<20.00
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	8.26	---	9	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	<40.00	---	---	---	---	53.00
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	156	---	116	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	<40.00	---	---	---	---	54.00
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	147	---	107	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#6}	-	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#6}	-	---	---	2.76	---	0.944	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#7}	-	---	---	---	---	---	---



Monitoring Unit		MG	MG	MG	MG	MG	MG
Location Code		S1-BH16	S1-BH16	S1-BH17	S1-BH17	S1-BH17	S1-BH17
Well		A	A	A	A	A	A
Matrix Type		Water	Water	Water	Water	Water	Water
Lab Report Number		20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	703093	703093	706369	20211022 ARC SSI1-SS12
Date		08 Jan 2018	08 Jan 2018	03 Aug 2023	03 Aug 2023	07 Sep 2023	08 Jan 2018
Depth				5	5	4.75	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS				
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#7}	-	---	<0.05	0.169	---
Sulphate	mg/L	250 (SO4) ^{#5}	-	700.00	---	---	1,200.00
Sulphate (filtered)	mg/L	250 (SO4) ^{#5}	-	---	1,450	921	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	12.00	8.19	7.86	9.10
Sulphur as S	mg/L	-	-	---	540	430	---
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	---	---	---
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	25.2	<10	---
Thiocyanate (as SCN)	µg/L	-	-	100.00	---	---	<40.00
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	<50	<50	---
Ortho phosphate as PO4	mg/l	-	-	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	<0.05	---	---
Ionic Balance	%	-	-	---	-0.87	0.719	---
Orthophosphate as P (filtered)	mg/l	-	-	---	---	<0.05	---
Silica	µg/L	-	-	---	---	---	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	1,980	1,280	---
Other							
Carbon (filtered)	µg/L	-	-	---	---	5,520	---
Dissolved Inorganic Carbon (filtered)	µg/L	-	-	---	---	3,210	---
Inorganic Carbon (filtered)	µg/L	-	-	---	<3,000	---	---
Dissolved Organic Carbon (filtered)	µg/L	-	-	---	6,490	---	---
Solids, Suspended	mg/L	-	-	---	---	---	---
Total Dissolved Solids	mg/L	-	-	1,900.00	---	---	2,400.00
Total Suspended Solids	mg/L	-	-	---	10.1	12.2	---
TPH CWG							
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<0.10	<10	<10	<0.10
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	<0.10	<10	<10	<0.10
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	<0.10	<10	<10	<0.10
>C10-C44 Aliphatics	µg/L	-	-	---	---	---	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<1.00	<10	<10	<1.00
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	<1.00	<10	<10	<1.00
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	<1.00	<10	<10	<1.00
>C16-C35 Aliphatics	µg/L	-	-	<2	<10	<10	23
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	<1.00	<10	<10	22.00
Total Aliphatics & Aromatics >C12-C35	µg/L	-	-	---	---	---	---
>C35-C40 Aliphatics	µg/L	-	-	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	---	---	---
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	<10.00	---	---	22.00
Total Aliphatics >C5-C40	µg/L	-	-	---	---	---	---
Total Aliphatics >C12-C35	µg/L	-	-	---	<10	<10	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	<0.10	---	---	<0.10
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<0.10	<10	<10	<0.10
>EC10-EC44 Aromatics	µg/L	-	-	---	---	---	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	<0.10	<10	<10	<0.10
>EC6-EC7 Aromatics	µg/L	-	-	---	<10	<10	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	<1.00	<10	<10	<1.00
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	<1.00	<10	<10	<1.00
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	<1.00	<10	<10	<1.00
>EC35-EC40 Aromatics	µg/L	-	-	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	<1.00	<10	<10	<1.00
>EC35-EC44 Aromatics	µg/L	-	-	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	---	---	---
Total Aromatics >EC5-EC40	µg/L	-	-	---	---	---	---
Total Aromatics >EC12-EC35	µg/L	-	-	---	<10	<10	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	<10.00	<10	<10	22.00
TPH >C5-C40 Aliphatics/Aromatics	µg/L	-	-	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	---	---	---
TPH							
EPH >C10-40	µg/L	-	-	---	---	---	---
GRO >C5-12	µg/L	-	-	---	<50	<50	---
GRO C5-C10	µg/L	-	-	---	---	---	---
BTEX and MTBE							
Benzene	µg/L	1 ^{#1}	8 ^{#19}	<1.00	<1	<1	<1.00
Toluene	µg/L	700 ^{#2}	74 ^{#19}	<1.00	<1	<1	<1.00
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	<1.00	<1	<1	<1.00
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	<2.00	<1	<1	<2.00
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	<1.00	<1	<1	<1.00
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	<3	<2	<2	<3
MTBE	µg/L	15 ^{#10}	15 ^{#10}	<1.00	<1	<1	<1.00
Total BTEX	µg/L	-	-	---	<5	<5	---



Monitoring Unit		MG		MG		MG		MG		MG	
Location Code		S1-BH16		S1-BH16		S1-BH17		S1-BH17		S1-BH17	
Well		A		A		A		A		A	
Matrix Type		Water		Water		Water		Water		Water	
Lab Report Number		20211022 ARC SSI1-SS12		20211022 ARC SSI1-SS12		703093		703093		706369	
Date		08 Jan 2018		08 Jan 2018		03 Aug 2023		03 Aug 2023		07 Sep 2023	
Depth						5		5		4.75	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
PAH											
Naphthalene	µg/L	-	2 ^{#19}	0.76	1.00	0.0217	<1	<0.01		0.05	
Acenaphthene	µg/L	-	-	0.32	<1.00	<0.005	---	<0.005		<0.01	
Acenaphthylene	µg/L	-	-	0.06	<1.00	<0.005	---	<0.005		<0.01	
Fluoranthene	µg/L	-	0.0063 ^{#19}	0.06	<1.00	<2	0.00987	<0.005		0.02	
Anthracene	µg/L	-	0.1 ^{#19}	0.03	<1.00	<0.005	---	<0.005		<0.01	
Phenanthrene	µg/L	-	-	0.58	<1.00	<2	0.00519	<0.005		0.02	
Fluorene	µg/L	-	-	0.12	<1.00	<0.005	---	<0.005		<0.01	
Chrysene	µg/L	-	-	<0.01	---	<0.005	---	<0.005		<0.01	
Pyrene	µg/L	-	-	0.05	<1.00	<2	0.0114	<0.005		0.02	
Benzo(a)anthracene	µg/L	-	-	<0.01	---	<0.005	---	<0.005		<0.01	
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	---	<0.005	---	<0.005		<0.01	
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	---	<0.005	---	<0.005		<0.01	
Benzo(b+k)fluoranthene	µg/L	-	-	---	---	---	---	---		---	
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	<0.01	---	<0.002	---	<0.002		<0.01	
Dibenz(a,h)anthracene	µg/L	-	-	<0.01	---	<0.005	---	<0.005		<0.01	
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	---	<0.005	---	<0.005		<0.01	
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	---	<0.005	---	<0.005		<0.01	
PAH 16 Total	µg/L	-	-	2.00	---	<0.082	---	<0.082		0.11	
Phenolics											
Total Phenols (monohydric)	µg/L	-	-	---	---	---	---	---		---	
Total Phenols of 8 Speciated (filtered)	µg/L	-	-	---	---	<45	---	<45		---	
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	<1.00	---	---	---	---		<1.00	
Xylenols	µg/L	-	-	---	---	---	---	---		---	
Xylenols (filtered)	µg/L	-	-	---	---	<8	---	<8		---	
1-naphthol (filtered)	µg/L	-	-	---	---	<10	---	<10		---	
Cresol Total (filtered)	µg/L	-	-	---	---	<6	---	<6		---	
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	<1.00	---	<2	---	<2		<1.00	
Phenol (filtered)	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	---	<2	---	<2		---	
Resorcinol (m-dihydroxybenzene) (filtered)	µg/L	-	-	---	---	<10	---	<10		---	
Phenols Monohydric	µg/L	-	-	<0.50	---	---	---	---		<0.50	
VOC											
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	<2	---	---	---	---		<2	
Styrene	µg/L	-	50 ^{#20}	<1.00	---	<1	---	<1		<1.00	
cis-1,3-dichloropropene	µg/L	-	-	---	---	<1	---	<1		---	
trans-1,3-dichloropropene	µg/L	-	-	<1.00	---	<1	---	<1		<1.00	
1,1,1,2-tetrachloroethane	µg/L	-	-	<1.00	---	<1	---	<1		<1.00	
n-Pentanol	µg/L	-	-	---	---	---	---	---		---	
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	<1.00	---	<1	---	<1		<1.00	
1,1,2,2-tetrachloroethane	µg/L	-	-	<1.00	---	<1	---	<1		<1.00	
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	<1.00	---	<1	---	<1		<1.00	
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	<1.00	---	<1	---	<1		<1.00	
1,1-dichloroethene	µg/L	140 ^{#14}	-	<1.00	---	<1	---	<1		<1.00	
1,1-dichloropropene	µg/L	-	-	<1.00	---	<1	---	<1		<1.00	
1,2,3-trichloropropane	µg/L	-	-	<1.00	---	<1	---	<1		<1.00	
1,2,4-trimethylbenzene	µg/L	-	-	<1.00	---	<1	---	<1		<1.00	
1,2-dibromo-3-chloropropane	µg/L	-	-	<1.00	---	<1	---	<1		<1.00	
1,2-dibromoethane	µg/L	-	-	<1.00	---	<1	---	<1		<1.00	
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	<1.00	---	<1	---	<1		<1.00	
1,3-Dichloropropene	µg/L	-	-	<1.00	---	---	---	---		<1.00	
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---	---	---	---		---	
1,2-dichloropropane	µg/L	-	-	<1.00	---	<1	---	<1		<1.00	
1,3,5-trimethylbenzene	µg/L	-	-	<1.00	---	<1	---	<1		<1.00	
1,3-dichloropropane	µg/L	-	-	<1.00	---	<1	---	<1		<1.00	
2,2-dichloropropane	µg/L	-	-	<2.00	---	<1	---	<1		<2.00	
Trihalomethanes	µg/L	100 ^{#1}	-	---	---	---	---	---		---	
2-chlorotoluene	µg/L	-	-	<1.00	---	<1	---	<1		<1.00	
4-chlorotoluene	µg/L	-	-	<1.00	---	<1	---	<1		<1.00	
Bromobenzene	µg/L	-	-	<1.00	---	<1	---	<1		<1.00	
Bromochloromethane	µg/L	-	-	<4.00	---	<1	---	<1		<4.00	
Bromodichloromethane	µg/L	25 ^{#15}	-	<4.00	---	<1	---	<1		<4.00	
Bromoform	µg/L	25 ^{#15}	-	<1.00	---	<1	---	<1		<1.00	
Bromomethane	µg/L	-	-	<1.00	---	<1	---	<1		<1.00	
Carbon disulfide	µg/L	-	-	---	---	<1	---	<1		---	
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	<1.00	---	<1	---	<1		<1.00	
Chlorodibromomethane	µg/L	25 ^{#15}	-	<1.00	---	<1	---	<1		<1.00	
Chloroethane	µg/L	-	-	<1.00	---	<1	---	<1		<1.00	



Monitoring Unit		MG		MG		MG		MG		MG	
Location Code		S1-BH16		S1-BH16		S1-BH17		S1-BH17		S1-BH17	
Well		A		A		A		A		A	
Matrix Type		Water		Water		Water		Water		Water	
Lab Report Number		20211022 ARC SSI1-SS12		20211022 ARC SSI1-SS12		703093		703093		706369	
Date		08 Jan 2018		08 Jan 2018		03 Aug 2023		03 Aug 2023		07 Sep 2023	
Depth						5		5		4.75	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	<1.00	---	<1	---	<1	---	2.00	
Chloromethane	µg/L	-	-	<1.00	---	<1	---	<1	---	<1.00	
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	<1.00	---	<1	---	<1	---	<1.00	
Dibromomethane	µg/L	-	-	<1.00	---	<1	---	<1	---	<1.00	
Dichlorodifluoromethane	µg/L	-	-	<1.00	---	<1	---	<1	---	<1.00	
Dichloromethane	µg/L	-	20 ^{#19}	<27.00	---	<3	---	<3	---	<27.00	
Isopropylbenzene	µg/L	-	-	<1.00	---	<1	---	<1	---	<1.00	
n-butylbenzene	µg/L	-	-	<1.00	---	<1	---	<1	---	<1.00	
n-propylbenzene	µg/L	-	-	<1.00	---	<1	---	<1	---	<1.00	
p-isopropyltoluene	µg/L	-	-	<1.00	---	<1	---	<1	---	<1.00	
sec-butylbenzene	µg/L	-	-	<1.00	---	<1	---	<1	---	<1.00	
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	<1.00	---	<1	---	<1	---	<1.00	
tert-butylbenzene	µg/L	-	-	<1.00	---	<1	---	<1	---	<1.00	
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	<1.00	---	<1	---	<1	---	<1.00	
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	<1.00	---	<1	---	<1	---	<1.00	
Trichlorofluoromethane	µg/L	-	-	<1.00	---	<1	---	<1	---	<1.00	
Vinyl chloride	µg/L	0.5 ^{#1}	-	<1.00	---	<1	---	<1	---	<1.00	
tert-Amyl methyl ether	µg/L	-	-	---	---	<1	---	<1	---	---	
VOC/SVOC											
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	<1.00	---	<1	---	<1	---	<1.00	
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	<1.00	---	<1	---	<1	---	<1.00	
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1.00	---	<1	---	<1	---	<1.00	
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	<1	---	<1	---	---	
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	<2.00	---	<1	---	<1	---	<2.00	
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1.00	---	<1	---	<1	---	<1.00	
Chlorobenzene	µg/L	100 ^{#18}	-	<1.00	---	<1	---	<1	---	<1.00	
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	<1.00	---	<1	---	<1	---	<1.00	
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	---	---	---	---	---	
SVOC											
1,4-dinitrobenzene	µg/L	-	-	<1.00	---	---	---	---	---	<1.00	
Benzyl alcohol	µg/L	-	-	<1.00	---	---	---	---	---	<1.00	
4-bromophenyl phenyl ether	µg/L	-	-	<1.00	---	<2	---	<2	---	<1.00	
4-nitroaniline	µg/L	-	-	<1.00	---	<2	---	<2	---	<1.00	
4-nitrophenol	µg/L	-	-	<1.00	---	<2	---	<2	---	<1.00	
catechol (o-dihydroxybenzene) (filtered)	µg/L	-	-	---	---	<10	---	<10	---	---	
1,3-Dinitrobenzene	µg/L	-	-	<1.00	---	---	---	---	---	<1.00	
1-Methylnaphthalene	µg/L	-	-	<1.00	---	---	---	---	---	<1.00	
2,3,4,6-tetrachlorophenol	µg/L	-	-	<1.00	---	---	---	---	---	<1.00	
2,3,5,6-Tetrachlorophenol	µg/L	-	-	<1.00	---	---	---	---	---	<1.00	
2,3,5-Trimethylphenol (filtered)	µg/L	-	-	---	---	<3	---	<3	---	---	
2,4,5-trichlorophenol	µg/L	-	-	<1.00	---	<2	---	<2	---	<1.00	
2,4,6-trichlorophenol	µg/L	-	-	<1.00	---	<2	---	<2	---	<1.00	
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	<1.00	---	<2	---	<2	---	<1.00	
2,4-dimethylphenol	µg/L	-	-	<1.00	---	<2	---	<2	---	<1.00	
2,4-dinitrotoluene	µg/L	-	-	<1.00	---	<2	---	<2	---	<1.00	
2,6-dichlorophenol	µg/L	-	-	---	---	---	---	---	---	---	
2,6-Dimethylphenol	µg/L	-	-	---	---	---	---	---	---	---	
2,6-dinitrotoluene	µg/L	-	-	<1.00	---	<2	---	<2	---	<1.00	
2-chloronaphthalene	µg/L	-	-	<1.00	---	<2	---	<2	---	<1.00	
2-chlorophenol	µg/L	-	50 ^{#20}	<1.00	---	<2	---	<2	---	<1.00	
2-Isopropylphenol (filtered)	µg/L	-	-	---	---	<6	---	<6	---	---	
2-methylnaphthalene	µg/L	-	-	<1.00	---	<2	---	<2	---	<1.00	
2-methylphenol	µg/L	-	-	<1.00	---	<2	---	<2	---	<1.00	
2-nitroaniline	µg/L	-	-	<1.00	---	<2	---	<2	---	<1.00	
2-nitrophenol	µg/L	-	-	---	---	<2	---	<2	---	---	
3-nitroaniline	µg/L	-	-	<1.00	---	<2	---	<2	---	<1.00	
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	---	<0.1	---	---	
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	<1.00	---	<2	---	<2	---	<1.00	
4-chloroaniline	µg/L	-	-	---	---	<2	---	<2	---	---	
4-chlorophenyl phenyl ether	µg/L	-	-	<1.00	---	<2	---	<2	---	<1.00	
4-methylphenol	µg/L	-	-	---	---	<2	---	<2	---	---	
Aniline	µg/L	-	-	<1.00	---	---	---	---	---	<1.00	
Azobenzene	µg/L	-	-	<1.00	---	<2	---	<2	---	<1.00	
Bis(2-chloroethoxy) methane	µg/L	-	-	<1.00	---	<2	---	<2	---	<1.00	
Bis(2-chloroethyl)ether	µg/L	-	-	---	---	<2	---	<2	---	---	
Bis(2-chloroisopropyl) ether	µg/L	-	-	1.30	---	---	---	---	---	<1.00	
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	<1.00	---	<4	---	<4	---	<1.00	
Bis(2-ethylhexyl)ester	µg/L	-	-	<1.00	---	---	---	---	---	<1.00	
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	<1.00	---	<2	---	<2	---	<1.00	



Monitoring Unit		MG		MG		MG		MG		MG	
Location Code		S1-BH16		S1-BH16		S1-BH17		S1-BH17		S1-BH17	
Well		A		A		A		A		A	
Matrix Type		Water		Water		Water		Water		Water	
Lab Report Number		20211022 ARC SSI1-SS12		20211022 ARC SSI1-SS12		703093		703093		706369	
Date		08 Jan 2018		08 Jan 2018		03 Aug 2023		03 Aug 2023		07 Sep 2023	
Depth						5		5		4.75	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Carbazole	µg/L	-	-	<1.00	---	<2	---	<2	---	<1.00	---
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	---	---	---	---	---	---
Dibenzofuran	µg/L	-	-	<1.00	---	<2	---	<2	---	<1.00	---
Diethylphthalate	µg/L	-	200 ^{#20}	<1.00	---	<2	---	<2	---	<1.00	---
Dimethyl phthalate	µg/L	-	800 ^{#20}	<1.00	---	<2	---	<2	---	<1.00	---
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	<1.00	---	<2	---	<2	---	<1.00	---
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	<1.00	---	<10	---	<10	---	<1.00	---
Diphenylamine	µg/L	-	-	<1.00	---	---	---	---	---	<1.00	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	<1.00	---	<2	---	<2	---	<1.00	---
Hexachlorocyclopentadiene	µg/L	-	-	<1.00	---	<2	---	<2	---	<1.00	---
Hexachloroethane	µg/L	-	-	---	---	<2	---	<2	---	---	---
Isophorone	µg/L	-	-	---	---	<2	---	<2	---	---	---
Nitrobenzene	µg/L	-	-	---	---	<2	---	<2	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	<2	---	<2	---	---	---
Pentachlorophenol	µg/L	-	0.4 ^{#19}	<1.00	---	<2	---	<0.04	---	<1.00	---
PCB											
PCB 12	µg/L	-	-	---	---	---	---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 101	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 118 + PCB 123	mg/L	-	-	---	---	---	---	---	---	---	---
PCB 138	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 153	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 180	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 52	µg/L	-	-	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-	---	---	---	---	---	---	---	---
Total PCB WHO 12	µg/L	-	-	---	---	---	---	---	---	---	---
PCBs (Sum of total)	µg/L	-	-	---	---	---	---	---	---	---	---
Solvents											
4-Methyl-2-pentanone	µg/L	-	-	---	---	---	---	---	---	---	---
Acetone	µg/L	-	-	---	---	---	---	---	---	---	---
Tetrahydrofuran	µg/L	-	-	---	---	---	---	---	---	---	---
Polybrominated Diphenyl Ethers											
BDE-100	ng/l	-	-	---	---	---	---	---	---	---	---
BDE-153	ng/l	-	-	---	---	---	---	---	---	---	---
BDE-154	ng/l	-	-	---	---	---	---	---	---	---	---
BDE-183	ng/l	-	-	---	---	---	---	---	---	---	---
BDE-28	ng/l	-	-	---	---	---	---	---	---	---	---
BDE-47	ng/l	-	-	---	---	---	---	---	---	---	---
BDE-99	ng/l	-	-	---	---	---	---	---	---	---	---
Sum of selected BDE	ng/l	-	-	---	---	---	---	---	---	---	---
BDE-209	ng/l	-	-	---	---	---	---	---	---	---	---
Organotins											
Dibutyltin	µg/L	-	-	---	---	---	---	---	---	---	---
Tetrabutyltin	µg/L	-	-	---	---	---	---	---	---	---	---
Tributyltin	µg/L	-	0.0002 ^{#19}	---	---	---	---	---	---	---	---
Triphenyltin	µg/L	-	0.0002 (MAC) ^{#37}	---	---	---	---	---	---	---	---
Alcohols											
Butyl alcohol, sec-	µg/L	-	-	---	---	---	---	---	---	---	---
1-Butanol	µg/L	-	-	---	---	---	---	---	---	---	---
Methyl Ethyl Ketone	µg/L	-	-	---	---	---	---	---	---	---	---
Ethanol	µg/L	-	-	---	---	---	---	---	---	---	---
Methanol	µg/L	-	-	---	---	---	---	---	---	---	---
Isobutanol	µg/L	-	-	---	---	---	---	---	---	---	---



Monitoring Unit		MG	MG	MG	MG	MG	MG
Location Code		S1-BH16	S1-BH16	S1-BH17	S1-BH17	S1-BH17	S1-BH17
Well		A	A	A	A	A	A
Matrix Type		Water	Water	Water	Water	Water	Water
Lab Report Number		20211022 ARC SSI1-SS12	20211022 ARC SSI1-SS12	703093	703093	706369	20211022 ARC SSI1-SS12
Date		08 Jan 2018	08 Jan 2018	03 Aug 2023	03 Aug 2023	07 Sep 2023	08 Jan 2018
Depth				5	5	4.75	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS				
2-Propanol	µg/L	-	-	---	---	---	---
n-Heptanol	µg/L	-	-	---	---	---	---
n-Hexanol	µg/L	-	-	---	---	---	---
1-Propanol	µg/L	-	-	---	---	---	---
tert-Butyl alcohol	µg/L	12	12	---	---	---	---
Acetates							
n-Propyl Acetate	µg/L	-	-	---	---	---	---
1,2-butylacetate	µg/L	-	-	---	---	---	---
Ethyl acetate	µg/L	-	-	---	---	---	---
Iso-Propyl Acetate	µg/L	-	-	---	---	---	---
Methyl acetate	µg/L	-	-	---	---	---	---
Glycols							
1,3-Butanediol (filtered)	µg/L	-	-	---	---	---	---
1,3-Propanediol (filtered)	µg/L	-	-	---	---	---	---
1,4-Butanediol (filtered)	µg/L	-	-	---	---	---	---
Diethylene glycol (filtered)	µg/L	-	-	---	---	---	---
Ethylene glycol (filtered)	µg/L	-	-	---	---	---	---
Propylene glycol (filtered)	µg/L	-	-	---	---	---	---
Triethylene Glycol (filtered)	µg/L	-	-	---	---	---	---
Pesticides							
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	<0.05	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	<0.05	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	<0.1	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	<0.05	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	<0.1	---
2,4-Dichlorophenoxy Acetic Acid (D)	µg/L	-	-	---	---	---	---
2,4-Dichlorprop	µg/L	-	-	---	---	<0.1	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	µg/L	-	-	---	---	---	---
Actril (Ioxynil)	µg/L	-	10 ^{#20}	---	---	<0.05	---
Benazolin	µg/L	-	-	---	---	<0.04	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	<0.04	---
Clopyralid	µg/L	-	-	---	---	<0.04	---
Dicamba	µg/L	-	-	---	---	<0.04	---
Fluroxypyr	µg/L	-	-	---	---	<0.1	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	<0.05	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	<0.05	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	<0.04	---
Triclopyr	µg/L	-	-	---	---	<0.05	---



Monitoring Unit				MG	MG/TFD	MG/TFD	MG/TFD	MG/TFD	MG/TFD	MG/TFD	MG/TFD
Location Code				S1-BH17	S1-BH02	S1-BH02	S1-BH02	S1-BH02	S1-BH02	S1-BH02	S1-BH02
Well				A	A	A	A	A	A	A	A
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				20211022 ARC SSI1-SS12	703092	703092	703092	704952	704952	UNK	UNK
Date				08 Jan 2018	01 Aug 2023	01 Aug 2023	07 Sep 2023	07 Sep 2023	08 Jan 2018	08 Jan 2018	08 Jan 2018
Depth					6	6	5.5	5.5			
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	---	<10	---	<10	---	---	---	---
Antimony (filtered)	µg/L	5 ^{#1}	-	---	---	---	---	---	---	---	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	---	1.05	---	0.764	---	---	---	---
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	---	---	---	---	---	---	---
Beryllium (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	490.00	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	171	---	212	---	---	---	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	---	<0.08	---	<0.08	---	---	---	---
Calcium (filtered)	mg/L	-	-	---	1,150	---	1,100	---	---	---	---
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	<30	---	<30	---	---	---	---
Chromium	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	5.3	---	<1	---	---	---	---
Chromium (Trivalent) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	---	<0.3	---	<0.3	---	---	---	---
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	<50	---	<50	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	<100	---	<100	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	120.00	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	---	<19	---	<19	---	---	---	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	---	<0.2	---	<0.2	---	---	---	---
Magnesium	mg/L	-	-	---	---	---	---	---	0.20	---	---
Magnesium (filtered)	mg/L	-	-	---	0.369	---	0.198	---	---	---	---
Manganese	µg/L	50 ^{#1}	-	---	---	---	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	---	<3	---	<3	---	---	---	---
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	---	0.0578	---	---	---	---	---	---
Molybdenum (filtered)	µg/L	70 ^{#3}	-	---	27.9	---	22.1	---	---	---	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	---	10.1	---	5.33	---	---	---	---
Potassium (filtered)	mg/L	-	-	---	239	---	206	---	---	---	---
Selenium (filtered)	µg/L	10 ^{#1}	-	---	<1	---	<1	---	---	---	---
Silicon (filtered)	µg/L	-	-	---	332	---	540	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	---	5,300	---	4,660	---	---	---	---
Tin (filtered)	µg/L	-	10 ^{#25}	---	---	---	---	---	---	---	---
Titanium (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	---	---	---	---	---	---	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	---	<1	---	<1	---	---	---	---
Inorganics											
Total Hardness	mg/l	-	-	---	---	---	---	---	---	---	---
Alkalinity (Bicarbonate as CaCO3)	mg/L	-	-	---	<3	---	<3	---	---	---	---
Alkalinity (Bicarbonate as CaCO3) (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Alkalinity (Bicarbonate) as HCO3	mg/L	-	-	---	---	---	---	---	---	---	---
Alkalinity (total) as CaCO3	mg/L	-	-	---	468	---	431	---	310.00	---	---
Alkalinity (total) as CaCO3 (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Carbonate	µg/L	-	-	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	---	---	---	---	---	---	---
Inorganic Nitrogen (filtered)	mg/l	-	-	---	4.38	---	6.07	---	---	---	---
Sulphate total (%) (filtered)	%	0.025 (SO4) ^{#5}	-	---	---	---	---	---	---	---	---
Ammonia	mg/L	-	0.021 ^{#19}	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	---	---	---	---	---	6.20	---	---
Nitrate (as N)	mg/L	-	-	---	---	---	---	---	---	---	---
Nitrogen (Total)	µg/L	-	-	---	4,380	---	6,070	---	---	---	---
Nitrite (as N)	mg/L	-	-	---	---	---	---	---	---	---	---
Chloride	mg/L	250 ^{#1}	-	---	---	---	---	---	8,800.00	---	---
Chloride (filtered)	mg/L	250 ^{#1}	-	---	10,100	---	8,500	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	<20.00	---	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	<2.5	---	<2.5	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	44.00	---	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	14	---	18	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	<40.00	---	---
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	13.4	---	16	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#6}	-	---	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#6}	-	---	<0.3	---	<0.3	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#7}	-	---	---	---	---	---	---	---	---



Monitoring Unit		MG	MG/TFD	MG/TFD	MG/TFD	MG/TFD	MG/TFD	MG/TFD	MG/TFD
Location Code		S1-BH17	S1-BH02	S1-BH02	S1-BH02	S1-BH02	S1-BH02	S1-BH02	S1-BH02
Well		A	A	A	A	A	A	A	A
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		20211022 ARC SSI1-SS12	703092	703092	704952	704952	UNK	UNK	UNK
Date		08 Jan 2018	01 Aug 2023	01 Aug 2023	07 Sep 2023	07 Sep 2023	08 Jan 2018	08 Jan 2018	08 Jan 2018
Depth			6	6	5.5	5.5			
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#7}	-	---	<0.05	---	<0.05	---	---
Sulphate	mg/L	250 (SO4) ^{#5}	-	---	---	---	1,700.00	---	---
Sulphate (filtered)	mg/L	250 (SO4) ^{#5}	-	---	1,520	---	1,470	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	11.7	---	11.6	---	11.70
Sulphur as S	mg/L	-	-	---	690	---	650	---	---
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	1,310	---	1,460	---	---
Thiocyanate (as SCN)	µg/L	-	-	---	---	---	---	1,800.00	---
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	400	---	930	---	---
Ortho phosphate as PO4	mg/l	-	-	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	<0.05	---	<0.05	---	---
Ionic Balance	%	-	-	---	-4.8	---	-2.81	---	---
Orthophosphate as P (filtered)	mg/l	-	-	---	---	---	---	---	---
Silica	µg/L	-	-	---	---	---	---	---	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	<500	---	<500	---	---
Other									
Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---
Dissolved Inorganic Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---
Inorganic Carbon (filtered)	µg/L	-	-	---	3,540	---	3,790	---	---
Dissolved Organic Carbon (filtered)	µg/L	-	-	---	17,600	---	11,900	---	---
Solids, Suspended	mg/L	-	-	---	---	---	---	---	---
Total Dissolved Solids	mg/L	-	-	---	---	---	---	17,000.00	---
Total Suspended Solids	mg/L	-	-	---	106	---	26.3	---	---
TPH CWG									
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	---	<10	---	<10	<0.10	---
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	---	<10	---	<10	<0.10	---
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	---	<10	---	<10	<0.10	---
>C10-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	---	<10	---	<10	<1.00	---
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	<10	---	<10	<1.00	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	<10	---	<10	<1.00	---
>C16-C35 Aliphatics	µg/L	-	-	---	<10	---	<10	<2	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	<10	---	<10	<1.00	---
Total Aliphatics & Aromatics >C12-C35	µg/L	-	-	---	---	---	---	---	---
>C35-C40 Aliphatics	µg/L	-	-	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	---
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	<10.00	---
Total Aliphatics >C5-C40	µg/L	-	-	---	---	---	---	---	---
Total Aliphatics >C12-C35	µg/L	-	-	---	<10	---	<10	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	<0.10	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	---	<10	---	<10	<0.10	---
>EC10-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	---	<10	---	<10	<0.10	---
>EC6-EC7 Aromatics	µg/L	-	-	---	<10	---	<10	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	---	<10	---	<10	<1.00	---
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	<10	---	<10	<1.00	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	<10	---	<10	<1.00	---
>EC35-EC40 Aromatics	µg/L	-	-	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	<10	---	<10	<1.00	---
>EC35-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	---	---	---	---	---
Total Aromatics >EC5-EC40	µg/L	-	-	---	---	---	---	---	---
Total Aromatics >EC12-EC35	µg/L	-	-	---	<10	---	<10	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	<10	---	<10	<10.00	---
TPH >C5-C40 Aliphatics/Aromatics	µg/L	-	-	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	---	---	---	---	---
TPH									
EPH >C10-40	µg/L	-	-	---	---	---	---	---	---
GRO >C5-12	µg/L	-	-	---	<50	---	<50	---	---
GRO C5-C10	µg/L	-	-	---	---	---	---	---	---
BTEX and MTBE									
Benzene	µg/L	1 ^{#1}	8 ^{#19}	---	<1	---	<1	2.00	---
Toluene	µg/L	700 ^{#2}	74 ^{#19}	---	<1	---	<1	<1.00	---
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	---	<1	---	<1	<1.00	---
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	---	<1	---	<1	<2.00	---
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	---	<1	---	<1	<1.00	---
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	---	<2	---	<2	<3	---
MTBE	µg/L	15 ^{#10}	15 ^{#10}	---	<1	---	<1	<1.00	---
Total BTEX	µg/L	-	-	---	<5	---	<5	---	---



				Monitoring Unit	MG	MG/TFD	MG/TFD	MG/TFD	MG/TFD	MG/TFD	MG/TFD	MG/TFD
				Location Code	S1-BH17	S1-BH02	S1-BH02	S1-BH02	S1-BH02	S1-BH02	S1-BH02	S1-BH02
				Well	A	A	A	A	A	A	A	A
				Matrix Type	Water	Water	Water	Water	Water	Water	Water	Water
				Lab Report Number	20211022 ARC SSI1-SS12	703092	703092	704952	704952	UNK	UNK	UNK
				Date	08 Jan 2018	01 Aug 2023	01 Aug 2023	07 Sep 2023	07 Sep 2023	08 Jan 2018	08 Jan 2018	08 Jan 2018
				Depth		6	6	5.5	5.5			
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS									
PAH												
Naphthalene	µg/L	-	2 ^{#19}	<1.00	0.985	<1	1.2	<1	3.50	6.00	1.70	
Acenaphthene	µg/L	-	-	---	<8	0.199	<20	0.269	0.52	<1.00	---	
Acenaphthylene	µg/L	-	-	---	<8	0.0564	<20	0.0763	0.19	<1.00	---	
Fluoranthene	µg/L	-	0.0063 ^{#19}	<1.00	<8	0.0738	<20	0.0994	0.11	<1.00	---	
Anthracene	µg/L	-	0.1 ^{#19}	---	<8	0.0179	<20	0.0268	0.02	<1.00	---	
Phenanthrene	µg/L	-	-	<1.00	<8	0.165	<20	0.211	0.30	<1.00	---	
Fluorene	µg/L	-	-	---	<8	0.0619	<20	0.0693	0.13	<1.00	---	
Chrysene	µg/L	-	-	---	<0.005	---	<0.005	---	<0.01	---	---	
Pyrene	µg/L	-	-	<1.00	<8	0.0644	<20	0.0893	0.10	<1.00	---	
Benzo(a)anthracene	µg/L	-	-	---	<0.005	---	<0.005	---	0.01	<1.00	---	
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	<0.005	---	<0.005	---	<0.01	---	---	
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	<0.005	---	<0.005	---	<0.01	---	---	
Benzo(b+k)fluoranthene	µg/L	-	-	---	---	---	---	---	---	---	---	
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	<0.002	---	<0.002	---	<0.01	---	---	
Dibenz(a,h)anthracene	µg/L	-	-	---	<0.005	---	<0.005	---	<0.01	---	---	
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	<0.005	---	<0.005	---	<0.01	---	---	
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	<0.005	---	<0.005	---	<0.01	---	---	
PAH 16 Total	µg/L	-	-	---	1.62	---	2.04	---	4.90	---	---	
Phenolics												
Total Phenols (monohydric)	µg/L	-	-	---	---	---	---	---	---	---	---	
Total Phenols of 8 Speciated (filtered)	µg/L	-	-	---	<45	---	<45	---	---	---	---	
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	---	---	<1.00	---	---	
Xylenols	µg/L	-	-	---	---	---	---	---	---	---	---	
Xylenols (filtered)	µg/L	-	-	---	<8	---	<8	---	---	---	---	
1-naphthol (filtered)	µg/L	-	-	---	<10	---	<10	---	---	---	---	
Cresol Total (filtered)	µg/L	-	-	---	<6	---	<6	---	---	---	---	
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	20	---	<20	---	<1.00	---	---	
Phenol (filtered)	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	20	---	20	---	---	---	---	
Resorcinol (m-dihydroxybenzene) (filtered)	µg/L	-	-	---	<10	---	<10	---	---	---	---	
Phenols Monohydric	µg/L	-	-	---	---	---	---	---	11.00	---	---	
VOC												
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---	---	---	---	<2	---	---	
Styrene	µg/L	-	50 ^{#20}	---	<1	---	<1	---	<1.00	---	---	
cis-1,3-dichloropropene	µg/L	-	-	---	<1	---	<1	---	---	---	---	
trans-1,3-dichloropropene	µg/L	-	-	---	<1	---	<1	---	<1.00	---	---	
1,1,1,2-tetrachloroethane	µg/L	-	-	---	<1	---	<1	---	<1.00	---	---	
n-Pentanol	µg/L	-	-	---	---	---	<100	---	---	---	---	
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	---	<1	---	<1	---	<1.00	---	---	
1,1,2,2-tetrachloroethane	µg/L	-	-	---	<1	---	<1	---	<1.00	---	---	
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	---	<1	---	<1	---	<1.00	---	---	
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	---	<1	---	<1	---	<1.00	---	---	
1,1-dichloroethene	µg/L	140 ^{#14}	-	---	<1	---	<1	---	<1.00	---	---	
1,1-dichloropropene	µg/L	-	-	---	<1	---	<1	---	<1.00	---	---	
1,2,3-trichloropropane	µg/L	-	-	---	<1	---	<1	---	<1.00	---	---	
1,2,4-trimethylbenzene	µg/L	-	-	---	<1	---	<1	---	<1.00	---	---	
1,2-dibromo-3-chloropropane	µg/L	-	-	---	<1	---	<1	---	<1.00	---	---	
1,2-dibromoethane	µg/L	-	-	---	<1	---	<1	---	<1.00	---	---	
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	---	<1	---	<1	---	<1.00	---	---	
1,3-Dichloropropene	µg/L	-	-	---	---	---	---	---	<1.00	---	---	
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---	---	---	---	---	---	---	
1,2-dichloropropane	µg/L	-	-	---	<1	---	<1	---	<1.00	---	---	
1,3,5-trimethylbenzene	µg/L	-	-	---	<1	---	<1	---	<1.00	---	---	
1,3-dichloropropane	µg/L	-	-	---	<1	---	<1	---	<1.00	---	---	
2,2-dichloropropane	µg/L	-	-	---	<1	---	<1	---	<2.00	---	---	
Trihalomethanes	µg/L	100 ^{#1}	-	---	---	---	---	---	---	---	---	
2-chlorotoluene	µg/L	-	-	---	<1	---	<1	---	<1.00	---	---	
4-chlorotoluene	µg/L	-	-	---	<1	---	<1	---	<1.00	---	---	
Bromobenzene	µg/L	-	-	---	<1	---	<1	---	<1.00	---	---	
Bromochloromethane	µg/L	-	-	---	<1	---	<1	---	<4.00	---	---	
Bromodichloromethane	µg/L	25 ^{#15}	-	---	<1	---	<1	---	<4.00	---	---	
Bromoform	µg/L	25 ^{#15}	-	---	<1	---	<1	---	<1.00	---	---	
Bromomethane	µg/L	-	-	---	<1	---	<1	---	<1.00	---	---	
Carbon disulfide	µg/L	-	-	---	<1	---	<1	---	---	---	---	
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	---	<1	---	<1	---	<1.00	---	---	
Chlorodibromomethane	µg/L	25 ^{#15}	-	---	<1	---	<1	---	<1.00	---	---	
Chloroethane	µg/L	-	-	---	<1	---	<1	---	<1.00	---	---	



Monitoring Unit		MG	MG/TFD	MG/TFD	MG/TFD	MG/TFD	MG/TFD	MG/TFD	MG/TFD
Location Code		S1-BH17	S1-BH02	S1-BH02	S1-BH02	S1-BH02	S1-BH02	S1-BH02	S1-BH02
Well		A	A	A	A	A	A	A	A
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		20211022 ARC SSI1-SS12	703092	703092	704952	704952	UNK	UNK	UNK
Date		08 Jan 2018	01 Aug 2023	01 Aug 2023	07 Sep 2023	07 Sep 2023	08 Jan 2018	08 Jan 2018	08 Jan 2018
Depth			6	6	5.5	5.5			
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	---	<1	---	<1	---	<1.00
Chloromethane	µg/L	-	-	---	<1	---	<1	---	<1.00
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	<1	---	<1	---	<1.00
Dibromomethane	µg/L	-	-	---	<1	---	<1	---	<1.00
Dichlorodifluoromethane	µg/L	-	-	---	<1	---	<1	---	<1.00
Dichloromethane	µg/L	-	20 ^{#19}	---	<3	---	<3	---	<27.00
Isopropylbenzene	µg/L	-	-	---	<1	---	<1	---	<1.00
n-butylbenzene	µg/L	-	-	---	<1	---	<1	---	<1.00
n-propylbenzene	µg/L	-	-	---	<1	---	<1	---	<1.00
p-isopropyltoluene	µg/L	-	-	---	<1	---	<1	---	<1.00
sec-butylbenzene	µg/L	-	-	---	<1	---	<1	---	<1.00
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	<1	---	<1	---	<1.00
tert-butylbenzene	µg/L	-	-	---	<1	---	<1	---	<1.00
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	<1	---	<1	---	<1.00
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	<1	---	<1	---	<1.00
Trichlorofluoromethane	µg/L	-	-	---	<1	---	<1	---	<1.00
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	<1	---	<1	---	<1.00
tert-Amyl methyl ether	µg/L	-	-	---	<1	---	<1	---	---
VOC/SVOC									
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1	---	<1	---	<1.00
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1	---	<1	---	<1.00
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1	---	<1	---	<1.00
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1	---	<1	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1	---	<1	---	<2.00
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1	---	<1	---	<1.00
Chlorobenzene	µg/L	100 ^{#18}	-	---	<1	---	<1	---	<1.00
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	---	<1	---	<1	---	<1.00
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	---	---	---	---
SVOC									
1,4-dinitrobenzene	µg/L	-	-	---	---	---	---	---	<1.00
Benzyl alcohol	µg/L	-	-	---	---	---	---	---	<1.00
4-bromophenyl phenyl ether	µg/L	-	-	---	<8	---	<20	---	<1.00
4-nitroaniline	µg/L	-	-	---	<8	---	<20	---	<1.00
4-nitrophenol	µg/L	-	-	---	<8	---	<20	---	<1.00
catechol (o-dihydroxybenzene) (filtered)	µg/L	-	-	---	<10	---	<10	---	---
1,3-Dinitrobenzene	µg/L	-	-	---	---	---	---	---	<1.00
1-Methylnaphthalene	µg/L	-	-	---	---	---	---	---	<1.00
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	---	---	---	---	<1.00
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	---	---	---	---	<1.00
2,3,5-Trimethylphenol (filtered)	µg/L	-	-	---	<3	---	<3	---	---
2,4,5-trichlorophenol	µg/L	-	-	---	<8	---	<20	---	<1.00
2,4,6-trichlorophenol	µg/L	-	-	---	<8	---	<20	---	<1.00
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	---	<8	---	<20	---	<1.00
2,4-dimethylphenol	µg/L	-	-	---	<8	---	<20	---	<1.00
2,4-dinitrotoluene	µg/L	-	-	---	<8	---	<20	---	<1.00
2,6-dichlorophenol	µg/L	-	-	---	---	---	---	---	---
2,6-Dimethylphenol	µg/L	-	-	---	---	---	---	---	---
2,6-dinitrotoluene	µg/L	-	-	---	<8	---	<20	---	<1.00
2-chloronaphthalene	µg/L	-	-	---	<8	---	<20	---	<1.00
2-chlorophenol	µg/L	-	50 ^{#20}	---	<8	---	<20	---	<1.00
2-Isopropylphenol (filtered)	µg/L	-	-	---	<6	---	<6	---	---
2-methylnaphthalene	µg/L	-	-	---	<8	---	<20	---	<1.00
2-methylphenol	µg/L	-	-	---	<8	---	<20	---	<1.00
2-nitroaniline	µg/L	-	-	---	<8	---	<20	---	<1.00
2-nitrophenol	µg/L	-	-	---	<8	---	<20	---	---
3-nitroaniline	µg/L	-	-	---	<8	---	<20	---	<1.00
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	<0.2	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	---	<8	---	<20	---	<1.00
4-chloroaniline	µg/L	-	-	---	<8	---	<20	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	<8	---	<20	---	<1.00
4-methylphenol	µg/L	-	-	---	<8	---	<20	---	---
Aniline	µg/L	-	-	---	---	---	---	---	<1.00
Azobenzene	µg/L	-	-	---	<8	---	<20	---	<1.00
Bis(2-chloroethoxy) methane	µg/L	-	-	---	<8	---	<20	---	<1.00
Bis(2-chloroethyl)ether	µg/L	-	-	---	<8	---	<20	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	---	1.60	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	<16	---	<40	---	6.30
Bis(2-ethylhexyl)ester	µg/L	-	-	---	---	---	---	<1.00	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	<8	---	<20	---	<1.00



Monitoring Unit		MG	MG/TFD	MG/TFD	MG/TFD	MG/TFD	MG/TFD	MG/TFD	MG/TFD
Location Code		S1-BH17	S1-BH02	S1-BH02	S1-BH02	S1-BH02	S1-BH02	S1-BH02	S1-BH02
Well		A	A	A	A	A	A	A	A
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		20211022 ARC SSI1-SS12	703092	703092	704952	704952	UNK	UNK	UNK
Date		08 Jan 2018	01 Aug 2023	01 Aug 2023	07 Sep 2023	07 Sep 2023	08 Jan 2018	08 Jan 2018	08 Jan 2018
Depth			6	6	5.5	5.5			
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Carbazole	µg/L	-	-	---	<8	---	<20	---	<1.00
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	---	---	---	---
Dibenzofuran	µg/L	-	-	---	<8	---	<20	---	<1.00
Diethylphthalate	µg/L	-	200 ^{#20}	---	<8	---	<20	---	<1.00
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	<8	---	<20	---	<1.00
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	<8	---	<20	---	<1.00
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	<40	---	<100	---	<1.00
Diphenylamine	µg/L	-	-	---	---	---	---	---	<1.00
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	---	<8	---	<20	---	<1.00
Hexachlorocyclopentadiene	µg/L	-	-	---	<8	---	<20	---	<1.00
Hexachloroethane	µg/L	-	-	---	<8	---	<20	---	---
Isophorone	µg/L	-	-	---	<8	---	<20	---	---
Nitrobenzene	µg/L	-	-	---	<8	---	<20	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	---	<8	---	<20	---	---
Pentachlorophenol	µg/L	-	0.4 ^{#19}	---	<8	---	<0.08	---	<1.00
PCB									
PCB 12	µg/L	-	-	---	---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---	---	---	---	---
PCB 101	µg/L	-	-	---	---	---	---	---	<0.30
PCB 118 + PCB 123	mg/L	-	-	---	---	---	---	---	<0.00060
PCB 138	µg/L	-	-	---	---	---	---	---	<0.20
PCB 153	µg/L	-	-	---	---	---	---	---	<0.20
PCB 180	µg/L	-	-	---	---	---	---	---	<0.20
PCB 28 + PCB 31	µg/L	-	-	---	---	---	---	---	---
PCB 52	µg/L	-	-	---	---	---	---	---	<0.20
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-	---	---	---	---	---	<1.00
Total PCB WHO 12	µg/L	-	-	---	---	---	---	---	---
PCBs (Sum of total)	µg/L	-	-	---	---	---	---	---	---
Solvents									
4-Methyl-2-pentanone	µg/L	-	-	---	---	---	<100	---	---
Acetone	µg/L	-	-	---	---	---	<25	---	---
Tetrahydrofuran	µg/L	-	-	---	---	---	<100	---	---
Polybrominated Diphenyl Ethers									
BDE-100	ng/l	-	-	---	---	---	---	---	---
BDE-153	ng/l	-	-	---	---	---	---	---	---
BDE-154	ng/l	-	-	---	---	---	---	---	---
BDE-183	ng/l	-	-	---	---	---	---	---	---
BDE-28	ng/l	-	-	---	---	---	---	---	---
BDE-47	ng/l	-	-	---	---	---	---	---	---
BDE-99	ng/l	-	-	---	---	---	---	---	---
Sum of selected BDE	ng/l	-	-	---	---	---	---	---	---
BDE-209	ng/l	-	-	---	---	---	---	---	---
Organotins									
Dibutyltin	µg/L	-	-	---	---	---	---	---	---
Tetrabutyltin	µg/L	-	-	---	---	---	---	---	---
Tributyltin	µg/L	-	0.0002 ^{#19}	---	---	---	---	---	---
Triphenyltin	µg/L	-	0.0002 (MAC) ^{#37}	---	---	---	---	---	---
Alcohols									
Butyl alcohol, sec-	µg/L	-	-	---	---	---	<100	---	---
1-Butanol	µg/L	-	-	---	---	---	<100	---	---
Methyl Ethyl Ketone	µg/L	-	-	---	---	---	<100	---	---
Ethanol	µg/L	-	-	---	---	---	166	---	---
Methanol	µg/L	-	-	---	---	---	<100	---	---
Isobutanol	µg/L	-	-	---	---	---	<100	---	---



Monitoring Unit				MG	MG/TFD	MG/TFD	MG/TFD	MG/TFD	MG/TFD	MG/TFD	MG/TFD
Location Code				S1-BH17	S1-BH02	S1-BH02	S1-BH02	S1-BH02	S1-BH02	S1-BH02	S1-BH02
Well				A	A	A	A	A	A	A	A
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				20211022 ARC SSI1-SS12	703092	703092	703092	704952	704952	UNK	UNK
Date				08 Jan 2018	01 Aug 2023	01 Aug 2023	07 Sep 2023	07 Sep 2023	07 Sep 2023	08 Jan 2018	08 Jan 2018
Depth					6	6	5.5	5.5			
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
2-Propanol	µg/L	-	-	---	---	---	<100	---	---	---	---
n-Heptanol	µg/L	-	-	---	---	---	<100	---	---	---	---
n-Hexanol	µg/L	-	-	---	---	---	<100	---	---	---	---
1-Propanol	µg/L	-	-	---	---	---	<100	---	---	---	---
tert-Butyl alcohol	µg/L	12	12	---	---	---	<10	---	---	---	---
Acetates											
n-Propyl Acetate	µg/L	-	-	---	---	---	<100	---	---	---	---
1,2-butylacetate	µg/L	-	-	---	---	---	<100	---	---	---	---
Ethyl acetate	µg/L	-	-	---	---	---	<100	---	---	---	---
Iso-Propyl Acetate	µg/L	-	-	---	---	---	<100	---	---	---	---
Methyl acetate	µg/L	-	-	---	---	---	<100	---	---	---	---
Glycols											
1,3-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
1,3-Propanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
1,4-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Diethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Ethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Propylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Triethylene Glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Pesticides											
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	<0.1	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	<0.1	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	<0.2	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-Dichlorophenoxy Acetic Acid (D)	µg/L	-	-	---	---	---	<0.1	---	---	---	---
2,4-Dichlorprop	µg/L	-	-	---	---	---	<0.2	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	µg/L	-	-	---	---	---	<0.2	---	---	---	---
Actril (Ioxynil)	µg/L	-	10 ^{#20}	---	---	---	<0.1	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	<0.08	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	<0.08	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	0.188	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	<0.08	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	<0.2	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	<0.1	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	<0.1	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	<0.08	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	<0.1	---	---	---	---



Monitoring Unit				TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code				A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15
Well				S	S	S	S	S	S	S	S	S
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				23-14946	23-17453	23-19245	24-02270-1	24-02270-1	24-09093	24-15701-2	703091	703091
Date				21 Jun 2023	19 Jul 2023	08 Aug 2023	30 Jan 2024	30 Jan 2024	01 May 2024	25 Jul 2024	02 Aug 2023	02 Aug 2023
Depth				4.09 - 9.6	4.11 - 9.58	3.85 - 9.6	3.64 - 9.62	3.64 - 9.62	3.82 - 9.5	3.93 - 9.5		
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS									
Metals												
Aluminium (filtered)	µg/L	200 ^{#1}	-	20	14	<10	17	---	18	<10	<10	---
Antimony (filtered)	µg/L	5 ^{#1}	-	0.23	0.91	0.73	0.54	---	0.26	0.38	---	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	5	12	11	13	---	9.1	11	6.88	---
Barium (filtered)	µg/L	1,300 ^{#2}	-	130	52	74	86	---	110	110	---	---
Beryllium (filtered)	µg/L	-	-	<0.1	<0.1	<0.1	<0.1	---	<0.1	<0.1	---	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	140	690	980	330	---	710	710	561	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	<0.03	<0.03	<0.03	<0.03	---	<0.03	<0.03	<0.08	---
Calcium (filtered)	mg/L	-	-	220	420	490	360	---	480	530	363	---
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	<7	<7	<7	<7	---	<7	<7	---	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---	<30	---
Chromium	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	---	---	---	---	---	10.4	---
Chromium (Trivalent) (filtered)	µg/L	-	-	<1	<1	<1	<1	---	<1	<1	---	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	0.5	<0.4	<0.4	<0.4	---	<0.4	<0.4	<0.3	---
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	<50	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	---	<100	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	83	33	45	440	---	26	28	37.2	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	<0.09	<0.09	<0.09	<0.09	---	<0.09	<0.09	<0.2	---
Magnesium	mg/L	-	-	---	---	---	---	---	---	---	---	---
Magnesium (filtered)	mg/L	-	-	9.1	130	200	86	---	130	190	104	---
Manganese	µg/L	50 ^{#1}	-	---	---	---	---	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	130	340	450	260	---	280	420	166	---
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	<0.01	0.01	0.01	0.01	---	<0.01	<0.01	<0.01	---
Molybdenum (filtered)	µg/L	70 ^{#3}	-	47	27	14	47	---	35	27	33.2	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	1.9	1.5	1	2.4	---	1.4	1.1	1.08	---
Potassium (filtered)	mg/L	-	-	140	68	65	93	---	170	200	182	---
Selenium (filtered)	µg/L	10 ^{#1}	-	<0.25	0.5	0.57	<0.25	---	0.32	0.49	<1	---
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---	---	1,510	---
Sodium (filtered)	mg/L	200 ^{#1}	-	2,400	2,900	3,600	2,700	---	3,600	3,800	2,950	---
Tin (filtered)	µg/L	-	10 ^{#25}	<0.4	<0.4	<0.4	<0.4	---	<0.4	<0.4	---	---
Titanium (filtered)	µg/L	-	-	0	0	0.4	<0.3	---	<0.3	<0.3	---	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	<0.6	1.1	3.6	1	---	<0.6	<0.6	---	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	14	<1.3	3.2	35	---	22	16	<1	---
Inorganics												
Total Hardness	mg/l	-	-	577	1,550	2,060	1,250	---	1,740	2,120	---	---
Alkalinity (Bicarbonate as CaCO3)	mg/L	-	-	---	---	---	---	---	---	---	68.4	---
Alkalinity (Bicarbonate as CaCO3) (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---	---
Alkalinity (Bicarbonate) as HCO3	mg/L	-	-	---	---	---	---	---	---	---	---	---
Alkalinity (total) as CaCO3	mg/L	-	-	56	90	100	---	---	---	---	68.4	---
Alkalinity (total) as CaCO3 (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---	---
Carbonate	µg/L	-	-	56,000	90,000	100,000	84,000	---	73,000	83,000	---	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	14	9.9	14	13	---	5.1	11	---	---
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	---	11.7	---
Sulphate total (%) (filtered)	%	0.025 (SO4) ^{#5}	-	---	---	---	---	---	---	---	---	---
Ammonia	mg/L	-	0.021 ^{#19}	---	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	11	7.7	11	10	---	4	8.6	---	---
Nitrate (as N)	mg/L	-	-	<0.1	<0.1	<0.1	<0.1	---	<0.1	<0.1	---	---
Nitrogen (Total)	µg/L	-	-	---	---	---	---	---	---	---	11,700	---
Nitrite (as N)	mg/L	-	-	<0.035	<0.035	<0.035	<0.035	---	<0.035	<0.035	---	---
Chloride	mg/L	250 ^{#1}	-	3,800	5,700	7,000	3,900	---	5,900	7,100	---	---
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	---	---	---	---	5,540	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	6.1	0.9	1.6	1.3	---	3.4	<20	---	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	3.9	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	14	19	19	13	---	9.5	<40	---	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	24.4	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	7.4	19	17	11	---	6.2	20	---	---
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	20.5	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#6}	-	<0.443	<0.443	<0.443	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#6}	-	---	---	---	---	---	---	---	<0.3	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#7}	-	---	---	---	---	---	---	---	---	---



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15
Well		S	S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		23-14946	23-17453	23-19245	24-02270-1	24-02270-1	24-09093	24-15701-2	703091	703091
Date		21 Jun 2023	19 Jul 2023	08 Aug 2023	30 Jan 2024	30 Jan 2024	01 May 2024	25 Jul 2024	02 Aug 2023	02 Aug 2023
Depth		4.09 - 9.6	4.11 - 9.58	3.85 - 9.6	3.64 - 9.62	3.64 - 9.62	3.82 - 9.5	3.93 - 9.5		
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#7}	-	---	---	---	---	---	<0.05	---
Sulphate	mg/L	250 (SO4) ^{#5}	-	1,200	1,500	1,500	1,400	1,600	2,200	---
Sulphate (filtered)	mg/L	250 (SO4) ^{#5}	-	---	---	---	---	---	---	1,340
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	8.5	8	8.1	8.1	7.9	7.7	7.66
Sulphur as S	mg/L	-	-	580	540	870	460	690	630	570
Sulphide	µg/L	-	10 (MAC) ^{#29}	20	140	1,100	<10	25	13	---
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	392
Thiocyanate (as SCN)	µg/L	-	-	1,300	1,600	<20	1,400	1,400	1,200	---
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	---	---	---	1,860
Ortho phosphate as PO4	mg/l	-	-	0.69	0.21	0.31	0.2	0.1	0.14	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	---	---	---	---	<0.05
Ionic Balance	%	-	-	111	119	114	93	103	114	-7.24
Orthophosphate as P (filtered)	mg/l	-	-	---	---	---	---	---	---	---
Silica	µg/L	-	-	1,300	1,900	1,900	3,700	1,100	6,600	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	500	490	<100,000	<50,000	72,000	<100	---
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	---	616
Other										
Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Dissolved Inorganic Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Inorganic Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---	13,000
Dissolved Organic Carbon (filtered)	µg/L	-	-	9,900	3,500	9,500	7,000	6,900	29,000	7,500
Solids, Suspended	mg/L	-	-	---	---	---	---	---	---	---
Total Dissolved Solids	mg/L	-	-	---	---	---	---	---	---	---
Total Suspended Solids	mg/L	-	-	<5	140	26	7.5	<5	44	73.2
TPH CWG										
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<10
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<10
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<10
>C10-C44 Aliphatics	µg/L	-	-	<1	<1	5.1	<1	<1	<1	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<1	<1	<1	<1	<1	<1	<10
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	<1	<1	<1	<1	<1	<1	<10
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	<1	<1	4.1	<1	<1	<1	<10
>C16-C35 Aliphatics	µg/L	-	-	---	---	---	---	---	---	<10
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	<1	<1	<1	<1	<1	<1	<10
Total Aliphatics & Aromatics >C12-C35	µg/L	-	-	---	---	---	---	---	---	---
>C35-C40 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	<1	<1	<1	<1	<1	<1	---
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---
Total Aliphatics >C5-C40	µg/L	-	-	---	---	---	---	---	---	---
Total Aliphatics >C12-C35	µg/L	-	-	---	---	---	---	---	---	<10
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<10
>EC10-EC44 Aromatics	µg/L	-	-	<1	<1	<1	<1	<1	<1	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<10
>EC6-EC7 Aromatics	µg/L	-	-	---	---	---	---	---	---	<10
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	<1	<1	<1	<1	<1	<1	<10
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	<1	<1	<1	<1	<1	<1	<10
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	<1	<1	<1	<1	<1	<1	<10
>EC35-EC40 Aromatics	µg/L	-	-	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	<1	<1	<1	<1	<1	<1	<10
>EC35-EC44 Aromatics	µg/L	-	-	<1	<1	<1	<1	<1	<1	---
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	<1	<1	5.1	<1	<1	<1	---
Total Aromatics >EC5-EC40	µg/L	-	-	---	---	---	---	---	---	---
Total Aromatics >EC12-EC35	µg/L	-	-	---	---	---	---	---	---	<10
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	<1	<1	4.1	---	---	---	<10
TPH >C5-C40 Aliphatics/Aromatics	µg/L	-	-	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	---	---	<10	<10	<10	---
TPH										
EPH >C10-40	µg/L	-	-	110	150	190	130	110	<10	---
GRO >C5-12	µg/L	-	-	---	---	---	---	---	---	<50
GRO C5-C10	µg/L	-	-	<1	<1	<1	<1	<1	<1	---
BTEX and MTBE										
Benzene	µg/L	1 ^{#1}	8 ^{#19}	<1	2	<1	4	<1	<1	3.65
Toluene	µg/L	700 ^{#2}	74 ^{#19}	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	<1	<1	<1	<1	<1	<1	<1
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	<2	<2	<2	<2	---	<2	<1
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	<1	<1	<1	<1	---	<1	<1
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	---	---	---	---	<1	<1	<2
MTBE	µg/L	15 ^{#10}	15 ^{#10}	<1	<1	<1	<1	---	<1	<1
Total BTEX	µg/L	-	-	---	---	---	---	---	---	<5



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15
Well		S	S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		23-14946	23-17453	23-19245	24-02270-1	24-02270-1	24-09093	24-15701-2	703091	703091
Date		21 Jun 2023	19 Jul 2023	08 Aug 2023	30 Jan 2024	30 Jan 2024	01 May 2024	25 Jul 2024	02 Aug 2023	02 Aug 2023
Depth		4.09 - 9.6	4.11 - 9.58	3.85 - 9.6	3.64 - 9.62	3.64 - 9.62	3.82 - 9.5	3.93 - 9.5		
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
PAH										
Naphthalene	µg/L	-	2 ^{#19}	2.2	0.28	0.1	1.8	---	1.6	0.62
Acenaphthene	µg/L	-	-	0.03	0.09	0.02	0.32	---	0.03	0.02
Acenaphthylene	µg/L	-	-	<0.01	0.03	<0.01	<0.1	---	<0.01	<0.005
Fluoranthene	µg/L	-	0.0063 ^{#19}	<0.01	0.02	<0.01	0.69	---	<0.01	0.01
Anthracene	µg/L	-	0.1 ^{#19}	<0.01	<0.01	<0.01	0.1	---	<0.01	0.01
Phenanthrene	µg/L	-	-	<0.01	0.14	<0.01	0.74	---	<0.01	0.02
Fluorene	µg/L	-	-	<0.01	0.11	0.01	0.21	---	<0.01	<4
Chrysene	µg/L	-	-	<0.01	<0.01	<0.01	<0.1	---	<0.01	<0.005
Pyrene	µg/L	-	-	<0.01	0.03	<0.01	0.4	---	<0.01	0.01
Benzo(a)anthracene	µg/L	-	-	<0.01	<0.01	<0.01	<0.1	---	<0.01	<0.005
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	<0.01	<0.01	<0.1	---	<0.01	<0.005
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	<0.01	<0.01	<0.1	---	<0.01	<0.005
Benzo(b+k)fluoranthene	µg/L	-	-	---	---	---	---	---	---	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	<0.01	<0.01	<0.01	<0.1	---	<0.01	<0.002
Dibenz(a,h)anthracene	µg/L	-	-	<0.01	<0.01	<0.01	<0.1	---	<0.01	<0.005
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	<0.01	<0.01	<0.1	---	<0.01	<0.005
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	<0.01	<0.01	<0.1	---	<0.01	<0.005
PAH 16 Total	µg/L	-	-	2.3	0.68	<0.2	4.3	---	1.7	0.69
Phenolics										
Total Phenols (monohydric)	µg/L	-	-	170	<100	<100	<100	---	<100	<100
Total Phenols of 8 Speciated (filtered)	µg/L	-	-	---	---	---	---	---	---	<45
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	<1	<10	<1	<1	---	<1	<1
Xylenols	µg/L	-	-	<0.1	<0.1	<0.1	---	---	---	---
Xylenols (filtered)	µg/L	-	-	---	---	---	---	---	---	<8
1-naphthol (filtered)	µg/L	-	-	---	---	---	---	---	---	<10
Cresol Total (filtered)	µg/L	-	-	---	---	---	---	---	---	<6
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	<0.1	<0.1	<0.1	11	---	<1	<4
Phenol (filtered)	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	---	---	---	---	---	<2
Resorcinol (m-dihydroxybenzene) (filtered)	µg/L	-	-	---	---	---	---	---	---	<10
Phenols Monohydric	µg/L	-	-	170	<100	<100	---	---	---	---
VOC										
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---	---	---	---	---	---
Styrene	µg/L	-	50 ^{#20}	<1	<1	<1	<1	---	<1	<1
cis-1,3-dichloropropene	µg/L	-	-	<1	<1	<1	<1	---	<1	<1
trans-1,3-dichloropropene	µg/L	-	-	<1	<1	<1	<1	---	<1	<1
1,1,1,2-tetrachloroethane	µg/L	-	-	<1	<1	<1	<1	---	<1	<1
n-Pentanol	µg/L	-	-	---	---	---	---	---	---	---
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	<1	<1	<1	<1	---	<1	<1
1,1,2,2-tetrachloroethane	µg/L	-	-	<1	<1	<1	<1	---	<1	<1
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	<1	<1	<1	<1	---	<1	<1
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	<1	<1	<1	<1	---	<1	<1
1,1-dichloroethene	µg/L	140 ^{#14}	-	<1	<1	<1	<1	---	<1	<1
1,1-dichloropropene	µg/L	-	-	<1	<1	<1	<1	---	<1	<1
1,2,3-trichloropropane	µg/L	-	-	<1	<1	<1	<1	---	<1	<1
1,2,4-trimethylbenzene	µg/L	-	-	<1	<1	<1	<1	---	<1	<1
1,2-dibromo-3-chloropropane	µg/L	-	-	<1	<1	<1	<1	---	<1	<1
1,2-dibromoethane	µg/L	-	-	<1	<1	<1	<1	---	<1	<1
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	<1	<1	<1	<1	---	<1	<1
1,3-Dichloropropene	µg/L	-	-	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---	---	---	---	---	---
1,2-dichloropropane	µg/L	-	-	<1	<1	<1	<1	---	<1	<1
1,3,5-trimethylbenzene	µg/L	-	-	<1	<1	<1	<1	---	<1	<1
1,3-dichloropropane	µg/L	-	-	<1	<1	<1	<1	---	<1	<1
2,2-dichloropropane	µg/L	-	-	<2	<2	<2	<2	---	<2	<1
Trihalomethanes	µg/L	100 ^{#1}	-	---	---	---	---	---	---	---
2-chlorotoluene	µg/L	-	-	<1	<1	<1	<1	---	<1	<1
4-chlorotoluene	µg/L	-	-	<1	<1	<1	<1	---	<1	<1
Bromobenzene	µg/L	-	-	<1	<1	<1	<1	---	<1	<1
Bromochloromethane	µg/L	-	-	<4	<4	<4	<4	---	<4	<1
Bromodichloromethane	µg/L	25 ^{#15}	-	<4	<4	<4	<4	---	<4	<1
Bromoform	µg/L	25 ^{#15}	-	<1	<1	<1	<1	---	<1	<1
Bromomethane	µg/L	-	-	<1	<1	<1	<1	---	<1	<1
Carbon disulfide	µg/L	-	-	---	---	---	---	---	---	<1
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	<1	<1	<1	<1	---	<1	<1
Chlorodibromomethane	µg/L	25 ^{#15}	-	<1	<1	<1	<1	---	<1	<1
Chloroethane	µg/L	-	-	<1	<1	<1	<1	---	<1	<1



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15
Well		S	S	S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		23-14946	23-17453	23-19245	24-02270-1	24-02270-1	24-09093	24-15701-2	703091	703091	703091
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Depth		4.09 - 9.6	4.11 - 9.58	3.85 - 9.6	3.64 - 9.62	3.64 - 9.62	3.82 - 9.5	3.93 - 9.5			
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	<1	<1	<1	<1	---	---	<1	<1
Chloromethane	µg/L	-	-	<1	<1	<1	<1	---	---	<1	<1
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	<1	<1	<1	<1	---	---	<1	<1
Dibromomethane	µg/L	-	-	<1	<1	<1	<1	---	---	<1	<1
Dichlorodifluoromethane	µg/L	-	-	<1	<1	<1	<1	---	---	<1	<1
Dichloromethane	µg/L	-	20 ^{#19}	<27	<27	<27	<27	---	---	<27	<3
Isopropylbenzene	µg/L	-	-	<1	<1	<1	<1	---	---	<1	<1
n-butylbenzene	µg/L	-	-	<1	<1	<1	<1	---	---	<1	<1
n-propylbenzene	µg/L	-	-	<1	<1	<1	<1	---	---	<1	<1
p-isopropyltoluene	µg/L	-	-	<1	<1	<1	<1	---	---	<1	<1
sec-butylbenzene	µg/L	-	-	<1	<1	<1	<1	---	---	<1	<1
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	<1	<1	<1	<1	---	---	<1	<1
tert-butylbenzene	µg/L	-	-	<1	<1	<1	<1	---	---	<1	<1
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	<1	<1	<1	<1	---	---	<1	<1
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	<1	<1	<1	<1	---	---	<1	<1
Trichlorofluoromethane	µg/L	-	-	<1	<1	<1	<1	---	---	<1	<1
Vinyl chloride	µg/L	0.5 ^{#1}	-	<1	<1	<1	<1	---	---	<1	<1
tert-Amyl methyl ether	µg/L	-	-	<5	---	<5	<5	---	---	---	<1
VOC/SVOC											
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	<1	<1	<1	---	---	<1	<1
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	<1	<1	<1	---	---	<1	<1
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	<1	<1	<1	---	---	<1	<1
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	---	---	---	<1
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	<2	<2	<2	<2	---	---	<2	<1
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	<1	<1	<1	---	---	<1	<1
Chlorobenzene	µg/L	100 ^{#18}	-	<1	<1	<1	<1	---	---	<1	<1
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	<1	<1	<1	<1	---	---	<1	<1
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	---	---	---	---	---	---
SVOC											
1,4-dinitrobenzene	µg/L	-	-	<1	<10	<1	<1	---	---	<1	---
Benzyl alcohol	µg/L	-	-	<1	<10	<1	<1	---	---	<1	---
4-bromophenyl phenyl ether	µg/L	-	-	<1	<10	<1	<1	---	---	<1	<4
4-nitroaniline	µg/L	-	-	<1	<10	<1	<1	---	---	<1	<4
4-nitrophenol	µg/L	-	-	<1	<10	<1	<1	---	---	<1	<4
catechol (o-dihydroxybenzene) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	<10
1,3-Dinitrobenzene	µg/L	-	-	<1	<10	<1	<1	---	---	<1	---
1-Methylnaphthalene	µg/L	-	-	<1	<10	<1	<1	---	---	<1	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	<1	<10	<1	<1	---	---	<1	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	<1	<10	<1	<1	---	---	<1	---
2,3,5-Trimethylphenol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	<3
2,4,5-trichlorophenol	µg/L	-	-	<1	<10	<1	<1	---	---	<1	<4
2,4,6-trichlorophenol	µg/L	-	-	<0.1	<0.1	<0.1	<1	---	---	<1	<4
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	<0.1	<0.1	<0.1	<1	---	---	<1	<4
2,4-dimethylphenol	µg/L	-	-	<0.1	<0.1	<0.1	<1	---	---	<1	<4
2,4-dinitrotoluene	µg/L	-	-	<1	<10	<1	<1	---	---	<1	<4
2,6-dichlorophenol	µg/L	-	-	<0.1	<0.1	<0.1	---	---	---	---	---
2,6-Dimethylphenol	µg/L	-	-	<0.1	<0.1	<0.1	---	---	---	---	---
2,6-dinitrotoluene	µg/L	-	-	<1	<10	<1	<1	---	---	<1	<4
2-chloronaphthalene	µg/L	-	-	<1	<10	<1	<1	---	---	<1	<4
2-chlorophenol	µg/L	-	50 ^{#20}	<1	<10	<1	<1	---	---	<1	<4
2-Isopropylphenol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	<6
2-methylnaphthalene	µg/L	-	-	<1	<10	<1	<1	---	---	<1	<4
2-methylphenol	µg/L	-	-	<1	<10	<1	<1	---	---	<1	<4
2-nitroaniline	µg/L	-	-	<1	<10	<1	<1	---	---	<1	<4
2-nitrophenol	µg/L	-	-	---	---	---	---	---	---	---	<4
3-nitroaniline	µg/L	-	-	<1	<10	<1	<1	---	---	<1	<4
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	<0.1	<0.1	<0.1	<1	---	---	<1	<4
4-chloroaniline	µg/L	-	-	---	---	---	---	---	---	---	<4
4-chlorophenyl phenyl ether	µg/L	-	-	<1	<10	<1	<1	---	---	<1	<4
4-methylphenol	µg/L	-	-	<0.1	<0.1	<0.1	---	---	---	---	<4
Aniline	µg/L	-	-	<1	<10	<1	<1	---	---	<1	---
Azobenzene	µg/L	-	-	<1	<10	<1	<1	---	---	<1	<4
Bis(2-chloroethoxy) methane	µg/L	-	-	<1	<10	<1	<1	---	---	<1	<4
Bis(2-chloroethyl)ether	µg/L	-	-	---	---	---	---	---	---	---	<4
Bis(2-chloroisopropyl) ether	µg/L	-	-	4.4	<10	<1	1.2	---	---	4.4	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	1.3	<10	<1	4	---	---	<1	<8
Bis(2-ethylhexyl)ester	µg/L	-	-	<1	<10	<1	---	---	---	---	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	<1	<10	<1	<1	---	---	<1	<4



Monitoring Unit		TFD		TFD		TFD		TFD		TFD		TFD		TFD		TFD		TFD	
Location Code		A-BH15		A-BH15		A-BH15		A-BH15		A-BH15		A-BH15		A-BH15		A-BH15		A-BH15	
Well		S		S		S		S		S		S		S		S		S	
Matrix Type		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Lab Report Number		23-14946		23-17453		23-19245		24-02270-1		24-02270-1		24-09093		24-15701-2		703091		703091	
Date		21 Jun 2023		19 Jul 2023		08 Aug 2023		30 Jan 2024		30 Jan 2024		01 May 2024		25 Jul 2024		02 Aug 2023		02 Aug 2023	
Depth		4.09 - 9.6		4.11 - 9.58		3.85 - 9.6		3.64 - 9.62		3.64 - 9.62		3.82 - 9.5		3.93 - 9.5					
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS																
Carbazole	µg/L	-	-	<1	<10	<1	<1	---	---	<1	<4	---	---						
Di(2-ethylhexyl)adipate	µg/L	-	-	<1	<10	<1	<1	2.7	---	---	---	<1	---	---					
Dibenzofuran	µg/L	-	-	<1	<10	<1	<1	---	---	---	<1	<4	---	---					
Diethylphthalate	µg/L	-	200 ^{#20}	<1	<10	<1	<1	---	---	---	<1	<4	---	---					
Dimethyl phthalate	µg/L	-	800 ^{#20}	<1	<10	<1	<1	---	---	---	<1	<4	---	---					
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	<1	<10	<1	<1	---	---	---	<1	<4	---	---					
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	<1	<10	<1	<1	---	---	---	<1	<20	---	---					
Diphenylamine	µg/L	-	-	<1	<10	<1	<1	---	---	---	<1	---	---	---					
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	<1	<10	<1	<1	---	---	---	<1	<4	---	---					
Hexachlorocyclopentadiene	µg/L	-	-	<1	<10	<1	<1	---	---	---	<1	<4	---	---					
Hexachloroethane	µg/L	-	-	---	---	---	---	---	---	---	---	<4	---	---					
Isophorone	µg/L	-	-	---	---	---	---	---	---	---	---	<4	---	---					
Nitrobenzene	µg/L	-	-	---	---	---	---	---	---	---	---	<4	---	---					
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	---	---	---	---	---	---	<4	---	---					
Pentachlorophenol	µg/L	-	0.4 ^{#19}	<1	<10	<1	<1	---	---	---	<1	<4	---	---					
PCB																			
PCB 12	µg/L	-	-	<1	<1	<1	---	---	---	---	---	---	---	---					
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	<0.3	<0.3	<0.3	---	---	---	---	---	---	---	---					
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	<0.3	<0.3	<0.3	---	---	---	---	---	---	---	---					
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	<0.2	<0.2	<0.2	---	---	---	---	---	---	---	---					
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	<0.3	<0.3	<0.3	---	---	---	---	---	---	---	---					
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	<0.2	<0.2	<0.2	---	---	---	---	---	---	---	---					
PCB 101	µg/L	-	-	<0.3	<0.3	<0.3	---	---	---	---	---	---	---	---					
PCB 118 + PCB 123	mg/L	-	-	<0.0006	<0.0006	<0.0006	---	---	---	---	---	---	---	---					
PCB 138	µg/L	-	-	<0.2	<0.2	<0.2	---	---	---	---	---	---	---	---					
PCB 153	µg/L	-	-	<0.2	<0.2	<0.2	---	---	---	---	---	---	---	---					
PCB 180	µg/L	-	-	<0.2	<0.2	<0.2	---	---	---	---	---	---	---	---					
PCB 28 + PCB 31	µg/L	-	-	<0.3	<0.3	<0.3	---	---	---	---	---	---	---	---					
PCB 52	µg/L	-	-	<0.2	<0.2	<0.2	---	---	---	---	---	---	---	---					
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	<0.2	<0.2	<0.2	---	---	---	---	---	---	---	---					
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	<0.3	<0.3	<0.3	---	---	---	---	---	---	---	---					
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---					
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	<0.3	<0.3	<0.3	---	---	---	---	---	---	---	---					
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	<0.2	<0.2	<0.2	---	---	---	---	---	---	---	---					
Total PCB 7 Congeners	µg/L	-	-	<1	<1	<1	---	---	---	---	---	---	---	---					
Total PCB WHO 12	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---					
PCBs (Sum of total)	µg/L	-	-	<1	<1	<1	---	---	---	---	---	---	---	---					
Solvents																			
4-Methyl-2-pentanone	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---					
Acetone	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---					
Tetrahydrofuran	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---					
Polybrominated Diphenyl Ethers																			
BDE-100	ng/l	-	-	---	---	---	---	---	---	---	---	---	---	---					
BDE-153	ng/l	-	-	---	---	---	---	---	---	---	---	---	---	---					
BDE-154	ng/l	-	-	---	---	---	---	---	---	---	---	---	---	---					
BDE-183	ng/l	-	-	---	---	---	---	---	---	---	---	---	---	---					
BDE-28	ng/l	-	-	---	---	---	---	---	---	---	---	---	---	---					
BDE-47	ng/l	-	-	---	---	---	---	---	---	---	---	---	---	---					
BDE-99	ng/l	-	-	---	---	---	---	---	---	---	---	---	---	---					
Sum of selected BDE	ng/l	-	-	---	---	---	---	---	---	---	---	---	---	---					
BDE-209	ng/l	-	-	---	---	---	---	---	---	---	---	---	---	---					
Organotins																			
Dibutyltin	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---					
Tetrabutyltin	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---					
Tributyltin	µg/L	-	0.0002 ^{#19}	---	---	---	---	---	---	---	---	---	---	---					
Triphenyltin	µg/L	-	0.0002 (MAC) ^{#37}	---	---	---	---	---	---	---	---	---	---	---					
Alcohols																			
Butyl alcohol, sec-	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---					
1-Butanol	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---					
Methyl Ethyl Ketone	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---					
Ethanol	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---					
Methanol	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---					
Isobutanol	µg/L	-	-	---	---	---	---	---	---	---	---	---	---	---					



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15	A-BH15
Well		S	S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		23-14946	23-17453	23-19245	24-02270-1	24-02270-1	24-09093	24-15701-2	703091	703091
Date		21 Jun 2023	19 Jul 2023	08 Aug 2023	30 Jan 2024	30 Jan 2024	01 May 2024	25 Jul 2024	02 Aug 2023	02 Aug 2023
Depth		4.09 - 9.6	4.11 - 9.58	3.85 - 9.6	3.64 - 9.62	3.64 - 9.62	3.82 - 9.5	3.93 - 9.5		
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
2-Propanol	µg/L	-	-	---	---	---	---	---	---	---
n-Heptanol	µg/L	-	-	---	---	---	---	---	---	---
n-Hexanol	µg/L	-	-	---	---	---	---	---	---	---
1-Propanol	µg/L	-	-	---	---	---	---	---	---	---
tert-Butyl alcohol	µg/L	12	12	---	---	---	---	---	---	---
Acetates										
n-Propyl Acetate	µg/L	-	-	---	---	---	---	---	---	---
1,2-butylacetate	µg/L	-	-	---	---	---	---	---	---	---
Ethyl acetate	µg/L	-	-	---	---	---	---	---	---	---
Iso-Propyl Acetate	µg/L	-	-	---	---	---	---	---	---	---
Methyl acetate	µg/L	-	-	---	---	---	---	---	---	---
Glycols										
1,3-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---
1,3-Propanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---
1,4-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Diethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Ethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Propylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Triethylene Glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Pesticides										
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---	---	---
2,4-Dichlorophenoxy Acetic Acid (D)	µg/L	-	-	---	---	---	---	---	---	---
2,4-Dichloroprop	µg/L	-	-	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	µg/L	-	-	---	---	---	---	---	---	---
Acril (Ioxynil)	µg/L	-	10 ^{#20}	---	---	---	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---



Monitoring Unit				TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code				A-BH15	A-BH15	B-BH1	B-BH1	B-BH1	B-BH1	B-BH1	B-BH2
Well				S	S	S	S	S	S	S	S
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				704419	704419	23-25409	24-01681-2	24-08448	721210	721210	23-25280
Date				22 Aug 2023	22 Aug 2023	25 Oct 2023	24 Jan 2024	23 Apr 2024	02 Feb 2024	02 Feb 2024	24 Oct 2023
Depth				6.5 - 6.5	6.5 - 6.5	14.05 - 15.1	4.02 - 10.13	4.27 - 10.21	8 - 8	8 - 8	4.25 - 10.05
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	<10	---	73	39	38	27	---	100
Antimony (filtered)	µg/L	5 ^{#1}	-	---	---	1.4	0.61	0.34	---	---	0.62
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	10.9	---	46	18	14	15.8	---	26
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	---	38	68	110	---	---	110
Beryllium (filtered)	µg/L	-	-	---	---	<0.1	<0.1	<0.1	---	---	<0.1
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	198	---	320	350	350	221	---	210
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	<0.08	---	<0.03	<0.03	<0.03	<0.08	---	<0.03
Calcium (filtered)	mg/L	-	-	221	---	84	23	18	16.5	---	56
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	---	<7	<7	<7	---	---	<7
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	<30	---	---	---	---	<30	---	---
Chromium	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	3.3	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	<1	---	---	---	---	<1	---	---
Chromium (Trivalent) (filtered)	µg/L	-	-	---	---	<1	<1	<1	---	---	<1
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	<0.3	---	0.7	<0.4	<0.4	0.486	---	1
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	<50	---	---	---	---	<50	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	524	---	---	---	---	<100	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	28	23	29	<19	---	15
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	<0.2	---	0.16	<0.09	0.14	<0.2	---	0.13
Magnesium	mg/L	-	-	---	---	---	---	---	---	---	---
Magnesium (filtered)	mg/L	-	-	8.65	---	1.4	5.8	9.9	4.96	---	0.39
Manganese	µg/L	50 ^{#1}	-	---	---	---	---	---	117	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	52.6	---	2.1	34	50	8.39	---	1.3
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	<0.01	---	0.06	0.02	<0.01	0.017	---	0.23
Molybdenum (filtered)	µg/L	70 ^{#3}	-	51.9	---	36	16	10	18.4	---	27
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	2.22	---	1.2	0.8	0.9	0.981	---	1
Potassium (filtered)	mg/L	-	-	132	---	10	11	10	11	---	13
Selenium (filtered)	µg/L	10 ^{#1}	-	---	---	2.2	0.53	<0.25	<1	---	1.1
Silicon (filtered)	µg/L	-	-	2,000	---	---	---	---	3,640	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	2,260	---	230	240	310	201	---	27
Tin (filtered)	µg/L	-	10 ^{#25}	---	---	<0.4	<0.4	<0.4	---	---	<0.4
Titanium (filtered)	µg/L	-	-	---	---	0.7	1.2	2.2	---	---	<0.3
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	---	26	1.6	0.9	1.94	---	5.3
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	2.83	---	9.4	6.5	17	11.8	---	17
Inorganics											
Total Hardness	mg/l	-	-	---	---	216	81.8	85.6	---	---	141
Alkalinity (Bicarbonate as CaCO3)	mg/L	-	-	59.9	---	---	---	---	98.4	---	---
Alkalinity (Bicarbonate as CaCO3) (filtered)	mg/L	-	-	---	---	---	---	---	95.7	---	---
Alkalinity (Bicarbonate) as HCO3	mg/L	-	-	---	---	---	---	---	---	---	---
Alkalinity (total) as CaCO3	mg/L	-	-	59.9	---	180	---	---	148	---	79
Alkalinity (total) as CaCO3 (filtered)	mg/L	-	-	---	---	---	---	---	144	---	---
Carbonate	µg/L	-	-	---	---	---	160,000	160,000	---	---	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	---	0.04	0.44	0.1	---	---	0.25
Inorganic Nitrogen (filtered)	mg/l	-	-	7.24	---	---	---	---	<0.2	---	---
Sulphate total (%) (filtered)	%	0.025 (SO4) ^{#5}	-	---	---	---	---	---	0.00881	---	---
Ammonia	mg/L	-	0.021 ^{#19}	---	---	---	---	---	<0.2	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	7.24	---	0.034	0.34	0.076	<0.2	---	0.2
Nitrate (as N)	mg/L	-	-	---	---	<0.1	---	<0.1	---	---	---
Nitrogen (Total)	µg/L	-	-	---	---	---	---	---	---	---	---
Nitrite (as N)	mg/L	-	-	---	---	<0.035	<0.035	<0.035	---	---	---
Chloride	mg/L	250 ^{#1}	-	---	---	150	140	190	---	---	24
Chloride (filtered)	mg/L	250 ^{#1}	-	3,190	---	---	---	---	78.8	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	<100	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	---	<0.1	0.3	0.1	---	---	0.2
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	<2.5	---	---	---	---	<2.5	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	---	1.4	1.1	0.7	---	---	1.7
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	15.5	---	---	---	---	<5	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	---	1.4	0.8	0.6	---	---	1.5
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	14.8	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#6}	-	---	---	---	<0.1	---	---	---	0.72
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#6}	-	<0.3	---	---	---	---	<0.3	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#7}	-	---	---	---	---	---	---	---	<0.1

Monitoring Unit				TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code				A-BH15	A-BH15	B-BH1	B-BH1	B-BH1	B-BH1	B-BH1	B-BH2
Well				S	S	S	S	S	S	S	S
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				704419	704419	23-25409	24-01681-2	24-08448	721210	721210	23-25280
Date				22 Aug 2023	22 Aug 2023	25 Oct 2023	24 Jan 2024	23 Apr 2024	02 Feb 2024	02 Feb 2024	24 Oct 2023
Depth				6.5 - 6.5	6.5 - 6.5	14.05 - 15.1	4.02 - 10.13	4.27 - 10.21	8 - 8	8 - 8	4.25 - 10.05
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#7}	-	<0.05	---	---	---	---	<0.05	---	---
Sulphate	mg/L	250 (SO4) ^{#5}	-	---	---	480	350	420	---	---	140
Sulphate (filtered)	mg/L	250 (SO4) ^{#5}	-	1,110	---	---	---	---	264	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	8.05	---	---	9.4	9.3	9.6	---	---
Sulphur as S	mg/L	-	-	510	---	150	2,100	150	110	---	50
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	---	29	43	350	---	---	390
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	1,040	---	---	---	---	26.7	---	---
Thiocyanate (as SCN)	µg/L	-	-	---	---	<20	<20	<20	---	---	<20
Thiocyanate (as SCN) (filtered)	µg/L	-	-	880	---	---	---	---	<50	---	---
Ortho phosphate as PO4	mg/l	-	-	---	---	0.14	0.5	0.52	---	---	<0.03
Ortho phosphate as PO4 (filtered)	mg/l	-	-	<0.05	---	---	---	---	0.392	---	---
Ionic Balance	%	-	-	-0.181	---	120	112	112	-1.75	---	118
Orthophosphate as P (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Silica	µg/L	-	-	---	---	7,300	6,800	4,000	---	---	17,000
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	<5,000	<5,000	<5,000	---	---	780
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	740	---	---	---	---	1,100	---	---
Other											
Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Dissolved Inorganic Carbon (filtered)	µg/L	-	-	---	---	---	---	---	27,800	---	---
Inorganic Carbon (filtered)	µg/L	-	-	12,200	---	---	---	---	---	---	---
Dissolved Organic Carbon (filtered)	µg/L	-	-	13,700	---	86,000	26,000	10,000	52,100	---	19,000
Solids, Suspended	mg/L	-	-	---	---	74	---	---	---	---	17
Total Dissolved Solids	mg/L	-	-	---	---	---	---	---	---	---	---
Total Suspended Solids	mg/L	-	-	35.3	---	---	6.5	78	102	---	---
TPH CWG											
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<10	---	<0.1	<0.1	<0.1	<10	---	<0.1
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	11	---	<0.1	<0.1	<0.1	<10	---	<0.1
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	<10	---	<0.1	<0.1	<0.1	<10	---	<0.1
>C10-C44 Aliphatics	µg/L	-	-	---	---	<1	51	<1	---	---	<1
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<10	---	<1	2.9	<1	<10	---	<1
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	205	---	<1	12	<1	<10	---	<1
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	37	---	<1	26	<1	<10	---	<1
>C16-C35 Aliphatics	µg/L	-	-	37	---	<2	---	---	---	---	<2
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	<10	---	<1	9.6	<1	<10	---	<1
Total Aliphatics & Aromatics >C12-C35	µg/L	-	-	---	---	---	---	---	<10	---	---
>C35-C40 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	---	<1	51	<1	---	---	<1
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C40	µg/L	-	-	---	---	---	---	---	---	---	---
Total Aliphatics >C12-C35	µg/L	-	-	242	---	---	---	---	<10	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	---	<0.1	<0.1	<0.1	---	---	<0.1
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<10	---	<0.1	<0.1	<0.1	<10	---	<0.1
>EC10-EC44 Aromatics	µg/L	-	-	---	---	<1	<1	<1	---	---	<1
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	12	---	<0.1	<0.1	<0.1	<10	---	<0.1
>EC6-EC7 Aromatics	µg/L	-	-	<10	---	---	---	---	<10	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	<10	---	<1	<1	<1	<10	---	<1
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	<10	---	<1	<1	<1	<10	---	<1
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	<10	---	<1	<1	<1	<10	---	<1
>EC35-EC40 Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	<10	---	<1	<1	<1	<10	---	<1
>EC35-EC44 Aromatics	µg/L	-	-	---	---	<1	<1	<1	---	---	<1
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	---	<1	51	<1	---	---	<1
Total Aromatics >EC5-EC40	µg/L	-	-	---	---	---	---	---	---	---	---
Total Aromatics >EC12-EC35	µg/L	-	-	<10	---	---	---	---	<10	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	285	---	---	---	---	<10	---	---
TPH >C5-C40 Aliphatics/Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	---	<10	152.5	<10	---	---	<10
TPH											
EPH >C10-40	µg/L	-	-	---	---	66	91	53	---	---	11
GRO >C5-12	µg/L	-	-	<50	---	---	---	---	---	---	---
GRO C5-C10	µg/L	-	-	---	---	<1	<1	<1	<50	---	<1
BTEX and MTBE											
Benzene	µg/L	1 ^{#1}	8 ^{#19}	3.36	---	<1	<1	<1	<1	---	<1
Toluene	µg/L	700 ^{#2}	74 ^{#19}	1.74	---	<1	<5	<1	<1	---	<1
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	<1	---	<1	<5	<1	<1	---	<1
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	<1	---	<2	<10	---	<1	---	<2
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	<1	---	<1	<5	---	<1	---	<1
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	<2	---	<3	---	<1	<2	---	<3
MTBE	µg/L	15 ^{#10}	15 ^{#10}	<1	---	<1	<10	---	<1	---	<1
Total BTEX	µg/L	-	-	5.1	---	---	---	---	<5	---	---

Monitoring Unit				TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code				A-BH15	A-BH15	B-BH1	B-BH1	B-BH1	B-BH1	B-BH1	B-BH2
Well				S	S	S	S	S	S	S	S
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				704419	704419	23-25409	24-01681-2	24-08448	721210	721210	23-25280
Date				22 Aug 2023	22 Aug 2023	25 Oct 2023	24 Jan 2024	23 Feb 2024	02 Feb 2024	02 Apr 2024	24 Oct 2023
Depth				6.5 - 6.5	6.5 - 6.5	14.05 - 15.1	4.02 - 10.13	4.27 - 10.21	8 - 8	8 - 8	4.25 - 10.05
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
PAH											
Naphthalene	µg/L	-	2 ^{#19}	1.57	<1	5.4	<0.05	0.12	0.051	<1	0.1
Acenaphthene	µg/L	-	-	<10	0.0257	4.7	<0.01	0.02	<20	0.0241	0.03
Acenaphthylene	µg/L	-	-	<0.005	---	0.95	<0.01	<0.01	<0.005	---	<0.01
Fluoranthene	µg/L	-	0.0063 ^{#19}	<10	0.00946	2.6	<0.01	<0.01	<20	0.0196	0.02
Anthracene	µg/L	-	0.1 ^{#19}	<0.005	---	0.73	<0.01	<0.01	<0.005	---	<0.01
Phenanthrene	µg/L	-	-	<10	0.0198	4.9	<0.01	0.01	<20	0.0257	0.05
Fluorene	µg/L	-	-	<10	0.013	3.5	<0.01	<0.01	<20	0.0163	0.02
Chrysene	µg/L	-	-	<0.005	---	1.8	<0.01	<0.01	<0.005	---	0.01
Pyrene	µg/L	-	-	<0.005	---	2.2	<0.01	<0.01	<20	0.0144	0.02
Benzo(a)anthracene	µg/L	-	-	<0.005	---	1.6	<0.01	<0.01	<0.005	---	<0.01
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.005	---	2.7	<0.01	<0.01	<0.005	---	0.01
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.005	---	0.97	<0.01	<0.01	<0.005	---	<0.01
Benzo(b+k)fluoranthene	µg/L	-	-	---	---	3.67	---	---	---	---	0.02
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	<0.002	---	1.6	<0.01	<0.01	<0.002	---	<0.01
Dibenz(a,h)anthracene	µg/L	-	-	<0.005	---	0.43	<0.01	<0.01	<0.005	---	<0.01
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.005	---	1.2	<0.01	<0.01	<0.005	---	0.01
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.005	---	1.5	<0.01	<0.01	<0.005	---	<0.01
PAH 16 Total	µg/L	-	-	1.64	---	37	<0.2	<0.2	0.151	---	0.27
Phenolics											
Total Phenols (monohydric)	µg/L	-	-	---	---	<100	<100	<100	---	---	<100
Total Phenols of 8 Speciated (filtered)	µg/L	-	-	<45	---	---	---	---	<45	---	---
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	<1	---	---	---	---	<1
Xylenols	µg/L	-	-	---	---	---	---	---	---	---	---
Xylenols (filtered)	µg/L	-	-	<8	---	---	---	---	<8	---	---
1-naphthol (filtered)	µg/L	-	-	<10	---	---	---	---	<10	---	---
Cresol Total (filtered)	µg/L	-	-	<6	---	---	---	---	<6	---	---
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	<10	---	<0.1	<10	---	<20	---	<0.1
Phenol (filtered)	µg/L	5,800 ^{#12}	7.7 ^{#19}	<2	---	---	---	---	<2	---	---
Resorcinol (m-dihydroxybenzene) (filtered)	µg/L	-	-	<10	---	---	---	---	<10	---	---
Phenols Monohydric	µg/L	-	-	---	---	---	---	---	---	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---	<2	---	---	---	---	<2
Styrene	µg/L	-	50 ^{#20}	<1	---	<1	---	---	<1	---	<1
cis-1,3-dichloropropene	µg/L	-	-	<1	---	<1	---	---	<1	---	<1
trans-1,3-dichloropropene	µg/L	-	-	<1	---	<1	---	---	<1	---	<1
1,1,1,2-tetrachloroethane	µg/L	-	-	<1	---	<1	---	---	<1	---	<1
n-Pentanol	µg/L	-	-	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	<1	---	<1	---	---	<1	---	<1
1,1,2,2-tetrachloroethane	µg/L	-	-	<1	---	<1	---	---	<1	---	<1
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	<1	---	<1	---	---	<1	---	<1
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	<1	---	<1	---	---	<1	---	<1
1,1-dichloroethene	µg/L	140 ^{#14}	-	<1	---	<1	---	---	<1	---	<1
1,1-dichloropropene	µg/L	-	-	<1	---	<1	---	---	<1	---	<1
1,2,3-trichloropropane	µg/L	-	-	<1	---	<1	---	---	<1	---	<1
1,2,4-trimethylbenzene	µg/L	-	-	<1	---	<1	---	---	<1	---	<1
1,2-dibromo-3-chloropropane	µg/L	-	-	<1	---	<1	---	---	<1	---	<1
1,2-dibromoethane	µg/L	-	-	<1	---	<1	---	---	<1	---	<1
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	<1	---	<1	---	---	<1	---	<1
1,3-Dichloropropene	µg/L	-	-	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---	<2	---	---	---	---	<2
1,2-dichloropropane	µg/L	-	-	<1	---	<1	---	---	<1	---	<1
1,3,5-trimethylbenzene	µg/L	-	-	<1	---	<1	---	---	<1	---	<1
1,3-dichloropropane	µg/L	-	-	<1	---	<1	---	---	<1	---	<1
2,2-dichloropropane	µg/L	-	-	<1	---	<2	---	---	<1	---	<2
Trihalomethanes	µg/L	100 ^{#1}	-	---	---	<7	---	---	---	---	<7
2-chlorotoluene	µg/L	-	-	<1	---	<1	---	---	<1	---	<1
4-chlorotoluene	µg/L	-	-	<1	---	<1	---	---	<1	---	<1
Bromobenzene	µg/L	-	-	<1	---	<1	---	---	<1	---	<1
Bromochloromethane	µg/L	-	-	<1	---	<4	---	---	<1	---	<4
Bromodichloromethane	µg/L	25 ^{#15}	-	<1	---	<4	---	---	<1	---	<4
Bromoform	µg/L	25 ^{#15}	-	1.06	---	<1	---	---	<1	---	<1
Bromomethane	µg/L	-	-	<1	---	<1	---	---	<1	---	<1
Carbon disulfide	µg/L	-	-	<1	---	---	---	---	<1	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	<1	---	<1	---	---	<1	---	<1
Chlorodibromomethane	µg/L	25 ^{#15}	-	<1	---	<1	---	---	<1	---	<1
Chloroethane	µg/L	-	-	<1	---	<1	---	---	<1	---	<1



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		A-BH15	A-BH15	B-BH1	B-BH1	B-BH1	B-BH1	B-BH1	B-BH2
Well		S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		704419	704419	23-25409	24-01681-2	24-08448	721210	721210	23-25280
Date		22 Aug 2023	22 Aug 2023	25 Oct 2023	24 Jan 2024	23 Apr 2024	02 Feb 2024	02 Feb 2024	24 Oct 2023
Depth		6.5 - 6.5	6.5 - 6.5	14.05 - 15.1	4.02 - 10.13	4.27 - 10.21	8 - 8	8 - 8	4.25 - 10.05
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	<1	---	<1	---	<1	<1
Chloromethane	µg/L	-	-	<1	---	<1	---	<1	<1
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	<1	---	<1	---	<1	<1
Dibromomethane	µg/L	-	-	<1	---	<1	---	<1	<1
Dichlorodifluoromethane	µg/L	-	-	<1	---	<1	---	<1	<1
Dichloromethane	µg/L	-	20 ^{#19}	<3	---	<27	---	<3	<27
Isopropylbenzene	µg/L	-	-	<1	---	<1	---	<1	<1
n-butylbenzene	µg/L	-	-	<1	---	<1	---	<1	<1
n-propylbenzene	µg/L	-	-	<1	---	<1	---	<1	<1
p-isopropyltoluene	µg/L	-	-	<1	---	<1	---	<1	<1
sec-butylbenzene	µg/L	-	-	<1	---	<1	---	<1	<1
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	<1	---	<1	---	<1	<1
tert-butylbenzene	µg/L	-	-	<1	---	<1	---	<1	<1
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	<1	---	<1	---	<1	<1
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	<1	---	<1	---	<1	<1
Trichlorofluoromethane	µg/L	-	-	<1	---	<1	---	<1	<1
Vinyl chloride	µg/L	0.5 ^{#1}	-	<1	---	<1	---	<1	<1
tert-Amyl methyl ether	µg/L	-	-	<1	---	<5	---	<1	<5
VOC/SVOC									
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	---	<1	---	<1	<1
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	---	<1	---	<1	<1
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	---	<1	---	<1	<1
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	---	---	---	<1	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	---	<2	---	<1	<2
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	---	<1	---	<1	<1
Chlorobenzene	µg/L	100 ^{#18}	-	<1	---	<1	---	<1	<1
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	<1	---	<1	---	<1	<1
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	<2	---	---	<2
SVOC									
1,4-dinitrobenzene	µg/L	-	-	---	---	<1	---	---	<1
Benzyl alcohol	µg/L	-	-	---	---	<1	---	---	<1
4-bromophenyl phenyl ether	µg/L	-	-	<10	---	<1	---	<20	<1
4-nitroaniline	µg/L	-	-	<10	---	<1	---	<20	<1
4-nitrophenol	µg/L	-	-	<10	---	<1	---	<20	<1
catechol (o-dihydroxybenzene) (filtered)	µg/L	-	-	<10	---	---	---	<10	---
1,3-Dinitrobenzene	µg/L	-	-	---	---	<1	---	---	<1
1-Methylnaphthalene	µg/L	-	-	---	---	<1	---	---	<1
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	---	<1	---	---	<1
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	---	<1	---	---	<1
2,3,5-Trimethylphenol (filtered)	µg/L	-	-	<3	---	---	---	<3	---
2,4,5-trichlorophenol	µg/L	-	-	<10	---	<1	---	<20	<1
2,4,6-trichlorophenol	µg/L	-	-	<10	---	<0.1	---	<20	<0.1
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	<10	---	<0.1	---	<20	<0.1
2,4-dimethylphenol	µg/L	-	-	<10	---	<0.1	---	<20	<0.1
2,4-dinitrotoluene	µg/L	-	-	<10	---	<1	---	<20	<1
2,6-dichlorophenol	µg/L	-	-	---	---	<0.1	---	---	<0.1
2,6-Dimethylphenol	µg/L	-	-	---	---	<0.1	---	---	<0.1
2,6-dinitrotoluene	µg/L	-	-	<10	---	<1	---	<20	<1
2-chloronaphthalene	µg/L	-	-	<10	---	<1	---	<20	<1
2-chlorophenol	µg/L	-	50 ^{#20}	<10	---	<1	---	<20	<1
2-Isopropylphenol (filtered)	µg/L	-	-	<6	---	---	---	<6	---
2-methylnaphthalene	µg/L	-	-	<10	---	<1	---	<20	<1
2-methylphenol	µg/L	-	-	<10	---	<1	---	<20	<1
2-nitroaniline	µg/L	-	-	<10	---	<1	---	<20	<1
2-nitrophenol	µg/L	-	-	<10	---	---	---	<20	---
3-nitroaniline	µg/L	-	-	<10	---	<1	---	<20	<1
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	<10	---	<0.1	---	<20	<0.1
4-chloroaniline	µg/L	-	-	<10	---	---	---	<20	---
4-chlorophenyl phenyl ether	µg/L	-	-	<10	---	<1	---	<20	<1
4-methylphenol	µg/L	-	-	<10	---	<0.1	---	<20	<0.1
Aniline	µg/L	-	-	---	---	<1	---	---	<1
Azobenzene	µg/L	-	-	<10	---	<1	---	<20	<1
Bis(2-chloroethoxy) methane	µg/L	-	-	<10	---	<1	---	<20	<1
Bis(2-chloroethyl)ether	µg/L	-	-	<10	---	---	---	<20	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	<1	---	---	<1
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	<20	---	<1	---	<40	<1
Bis(2-ethylhexyl)ester	µg/L	-	-	---	---	<1	---	---	<1
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	<10	---	<1	---	<20	<1



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		A-BH15	A-BH15	B-BH1	B-BH1	B-BH1	B-BH1	B-BH1	B-BH2
Well		S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		704419	704419	23-25409	24-01681-2	24-08448	721210	721210	23-25280
Date		22 Aug 2023	22 Aug 2023	25 Oct 2023	24 Jan 2024	23 Apr 2024	02 Feb 2024	02 Feb 2024	24 Oct 2023
Depth		6.5 - 6.5	6.5 - 6.5	14.05 - 15.1	4.02 - 10.13	4.27 - 10.21	8 - 8	8 - 8	4.25 - 10.05
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Carbazole	µg/L	-	-	<10	---	<1	---	<20	<1
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	---	---	---	---
Dibenzofuran	µg/L	-	-	<10	---	<1	---	<20	<1
Diethylphthalate	µg/L	-	200 ^{#20}	<10	---	<1	---	<20	<1
Dimethyl phthalate	µg/L	-	800 ^{#20}	<10	---	<1	---	<20	<1
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	<10	---	<1	---	<20	<1
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	<50	---	<1	---	<100	<1
Diphenylamine	µg/L	-	-	---	---	<1	---	---	<1
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	<10	---	<1	---	<20	<1
Hexachlorocyclopentadiene	µg/L	-	-	<10	---	<1	---	<20	<1
Hexachloroethane	µg/L	-	-	<10	---	---	---	<20	---
Isophorone	µg/L	-	-	<10	---	---	---	<20	---
Nitrobenzene	µg/L	-	-	<10	---	---	---	<20	---
N-nitrosodi-n-propylamine	µg/L	-	-	<10	---	---	---	<20	---
Pentachlorophenol	µg/L	-	0.4 ^{#19}	<10	---	<1	---	<20	<1
PCB									
PCB 12	µg/L	-	-	---	---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---	<0.3	---	---	<0.3
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---	<0.3	---	---	<0.3
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---	<0.2	---	---	<0.2
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---	<0.3	---	---	<0.3
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---	<0.2	---	---	<0.2
PCB 101	µg/L	-	-	---	---	<0.3	---	---	<0.3
PCB 118 + PCB 123	mg/L	-	-	---	---	<0.0006	---	---	<0.0006
PCB 138	µg/L	-	-	---	---	<0.2	---	---	<0.2
PCB 153	µg/L	-	-	---	---	<0.2	---	---	<0.2
PCB 180	µg/L	-	-	---	---	<0.2	---	---	<0.2
PCB 28 + PCB 31	µg/L	-	-	---	---	<0.3	---	---	<0.3
PCB 52	µg/L	-	-	---	---	<0.2	---	---	<0.2
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---	<0.2	---	---	<0.2
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---	<0.3	---	---	<0.3
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---	<0.5	---	---	<0.5
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---	<0.3	---	---	<0.3
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---	<0.2	---	---	<0.2
Total PCB 7 Congeners	µg/L	-	-	---	---	<1	---	---	<1
Total PCB WHO 12	µg/L	-	-	---	---	<1	---	---	<1
PCBs (Sum of total)	µg/L	-	-	---	---	---	---	---	---
Solvents									
4-Methyl-2-pentanone	µg/L	-	-	---	---	---	---	---	---
Acetone	µg/L	-	-	---	---	---	---	---	---
Tetrahydrofuran	µg/L	-	-	---	---	---	---	---	---
Polybrominated Diphenyl Ethers									
BDE-100	ng/l	-	-	---	---	---	---	---	---
BDE-153	ng/l	-	-	---	---	---	---	---	---
BDE-154	ng/l	-	-	---	---	---	---	---	---
BDE-183	ng/l	-	-	---	---	---	---	---	---
BDE-28	ng/l	-	-	---	---	---	---	---	---
BDE-47	ng/l	-	-	---	---	---	---	---	---
BDE-99	ng/l	-	-	---	---	---	---	---	---
Sum of selected BDE	ng/l	-	-	---	---	---	---	---	---
BDE-209	ng/l	-	-	---	---	---	---	---	---
Organotins									
Dibutyltin	µg/L	-	-	---	---	---	<0.15	---	---
Tetrabutyltin	µg/L	-	-	---	---	---	<0.06	---	---
Tributyltin	µg/L	-	0.0002 ^{#19}	---	---	---	<0.03	---	---
Triphenyltin	µg/L	-	0.0002 (MAC) ^{#37}	---	---	---	<0.03	---	---
Alcohols									
Butyl alcohol, sec-	µg/L	-	-	---	---	---	---	---	---
1-Butanol	µg/L	-	-	---	---	---	---	---	---
Methyl Ethyl Ketone	µg/L	-	-	---	---	---	---	---	---
Ethanol	µg/L	-	-	---	---	---	---	---	---
Methanol	µg/L	-	-	---	---	---	---	---	---
Isobutanol	µg/L	-	-	---	---	---	---	---	---



Monitoring Unit				TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code				A-BH15	A-BH15	B-BH1	B-BH1	B-BH1	B-BH1	B-BH1	B-BH2
Well				S	S	S	S	S	S	S	S
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				704419	704419	23-25409	24-01681-2	24-08448	721210	721210	23-25280
Date				22 Aug 2023	22 Aug 2023	25 Oct 2023	24 Jan 2024	23 Apr 2024	02 Feb 2024	02 Feb 2024	24 Oct 2023
Depth				6.5 - 6.5	6.5 - 6.5	14.05 - 15.1	4.02 - 10.13	4.27 - 10.21	8 - 8	8 - 8	4.25 - 10.05
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
2-Propanol	µg/L	-	-	---	---	---	---	---	---	---	---
n-Heptanol	µg/L	-	-	---	---	---	---	---	---	---	---
n-Hexanol	µg/L	-	-	---	---	---	---	---	---	---	---
1-Propanol	µg/L	-	-	---	---	---	---	---	---	---	---
tert-Butyl alcohol	µg/L	12	12	---	---	---	---	---	---	---	---
Acetates											
n-Propyl Acetate	µg/L	-	-	---	---	---	---	---	---	---	---
1,2-butylacetate	µg/L	-	-	---	---	---	---	---	---	---	---
Ethyl acetate	µg/L	-	-	---	---	---	---	---	---	---	---
Iso-Propyl Acetate	µg/L	-	-	---	---	---	---	---	---	---	---
Methyl acetate	µg/L	-	-	---	---	---	---	---	---	---	---
Glycols											
1,3-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
1,3-Propanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
1,4-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Diethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Ethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Propylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Triethylene Glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Pesticides											
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-Dichlorophenoxy Acetic Acid (D)	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-Dichloroprop	µg/L	-	-	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	µg/L	-	-	---	---	---	---	---	---	---	---
Actril (Ioxynil)	µg/L	-	10 ^{#20}	---	---	---	---	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---	---



Monitoring Unit				TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code				B-BH2	B-BH2	B-BH2	B-BH2	B-BH3	B-BH3	B-BH3	B-BH3
Well				S	S	S	S	S	S	S	S
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				24-01791-1	24-08997	721210	721210	23-25280	23-25280	24-01791-1	24-01791-1
Date				26 Jan 2024	30 Apr 2024	01 Feb 2024	01 Feb 2024	24 Oct 2023	24 Oct 2023	26 Jan 2024	26 Jan 2024
Depth				3.99 - 10.06	4.09 - 10	8 - 8	8 - 8	4.52 - 11.14	4.52 - 11.14	4.13 - 10.77	4.13 - 10.77
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	140	130	174	---	120	---	130	---
Antimony (filtered)	µg/L	5 ^{#1}	-	0.32	0.3	---	---	1	---	1.3	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	7.1	11	4.35	---	4.9	---	18	---
Barium (filtered)	µg/L	1,300 ^{#2}	-	74	97	---	---	180	---	130	---
Beryllium (filtered)	µg/L	-	-	<0.1	<0.1	---	---	<0.1	---	<0.1	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	180	240	172	---	98	---	220	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	<0.03	<0.03	<0.08	---	0.05	---	<0.03	---
Calcium (filtered)	mg/L	-	-	88	100	87.2	---	590	---	270	---
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	<7	<7	---	---	<7	---	<7	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	<30	---	---	---	---	---
Chromium	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	<1	---	---	---	---	---
Chromium (Trivalent) (filtered)	µg/L	-	-	<1	<1	---	---	3.6	---	1.2	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	<0.4	<0.4	<0.3	---	1.7	---	0.7	---
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	<50	---	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	<100	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	6.6	7.7	<19	---	92	---	100	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	<0.09	<0.09	<0.2	---	0.17	---	<0.09	---
Magnesium	mg/L	-	-	---	---	---	---	---	---	---	---
Magnesium (filtered)	mg/L	-	-	0.32	0.16	0.166	---	4.1	---	25	---
Manganese	µg/L	50 ^{#1}	-	---	---	17.4	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	2.2	0.36	<3	---	5.9	---	16	---
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	0.21	0.32	0.207	---	0.07	---	0.17	---
Molybdenum (filtered)	µg/L	70 ^{#3}	-	32	28	27	---	140	---	130	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	1	1.8	0.869	---	4.6	---	10	---
Potassium (filtered)	mg/L	-	-	18	16	17.7	---	90	---	48	---
Selenium (filtered)	µg/L	10 ^{#1}	-	0.27	0.63	<1	---	5.9	---	0.93	---
Silicon (filtered)	µg/L	-	-	---	---	4,370	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	36	41	36.8	---	2,300	---	2,100	---
Tin (filtered)	µg/L	-	10 ^{#25}	<0.4	<0.4	---	---	<0.4	---	<0.4	---
Titanium (filtered)	µg/L	-	-	<0.3	<0.3	---	---	<0.3	---	0.8	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	1.5	2.1	2.23	---	19	---	29	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	4.1	38	<1	---	13	---	6.6	---
Inorganics											
Total Hardness	mg/l	-	-	221	261	---	---	1,490	---	774	---
Alkalinity (Bicarbonate as CaCO3)	mg/L	-	-	---	---	<3	---	---	---	---	---
Alkalinity (Bicarbonate as CaCO3) (filtered)	mg/L	-	-	---	---	<3	---	---	---	---	---
Alkalinity (Bicarbonate) as HCO3	mg/L	-	-	---	---	---	---	---	---	---	---
Alkalinity (total) as CaCO3	mg/L	-	-	---	---	31.5	---	290	---	---	---
Alkalinity (total) as CaCO3 (filtered)	mg/L	-	-	---	---	44.2	---	---	---	---	---
Carbonate	µg/L	-	-	80,000	88,000	---	---	---	---	210,000	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	1.2	0.64	---	---	22	---	43	---
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	0.511	---	---	---	---	---
Sulphate total (%) (filtered)	%	0.025 (SO4) ^{#5}	-	---	---	0.00757	---	---	---	---	---
Ammonia	mg/L	-	0.021 ^{#19}	---	---	0.621	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	0.91	0.5	0.511	---	17	---	33	---
Nitrate (as N)	mg/L	-	-	---	---	---	---	<0.1	---	<0.1	---
Nitrogen (Total)	µg/L	-	-	---	---	---	---	---	---	---	---
Nitrite (as N)	mg/L	-	-	---	---	---	---	<0.035	---	<0.035	---
Chloride	mg/L	250 ^{#1}	-	29	46	---	---	3,500	---	3,300	---
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	36.4	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	<100	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	0.1	0.3	---	---	9	---	10	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	<2.5	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	1.3	2	---	---	120	---	160	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	<5	---	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	1.1	1.7	---	---	110	---	150	---
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#6}	-	4	0.63	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#6}	-	---	---	<0.3	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#7}	-	<0.1	1.4	---	---	---	---	---	---



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		B-BH2	B-BH2	B-BH2	B-BH2	B-BH3	B-BH3	B-BH3	B-BH3
Well		S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		24-01791-1	24-08997	721210	721210	23-25280	23-25280	24-01791-1	24-01791-1
Date		26 Jan 2024	30 Apr 2024	01 Feb 2024	01 Feb 2024	24 Oct 2023	24 Oct 2023	26 Jan 2024	26 Jan 2024
Depth		3.99 - 10.06	4.09 - 10	8 - 8	8 - 8	4.52 - 11.14	4.52 - 11.14	4.13 - 10.77	4.13 - 10.77
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#7}	-	---	---	<0.05	---	---	---
Sulphate	mg/L	250 (SO4) ^{#5}	-	13	270	---	1,300	1,200	---
Sulphate (filtered)	mg/L	250 (SO4) ^{#5}	-	---	---	227	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	10.8	10.5	10.2	---	10.2	---
Sulphur as S	mg/L	-	-	130	120	92	580	840	---
Sulphide	µg/L	-	10 (MAC) ^{#29}	290	300	---	69	120	---
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	685	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	<20	<20	---	9,100	14,000	---
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	<50	---	---	---
Ortho phosphate as PO4	mg/l	-	-	<0.03	<0.03	---	<0.03	<0.03	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	<0.05	---	---	---
Ionic Balance	%	-	-	103	115	-1.41	97	110	---
Orthophosphate as P (filtered)	mg/l	-	-	---	---	---	---	---	---
Silica	µg/L	-	-	8,400	7,800	---	7,500	13,000	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	270	690	---	<50,000	<50,000	---
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	908	---	---	---
Other									
Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---
Dissolved Inorganic Carbon (filtered)	µg/L	-	-	---	---	3,850	---	---	---
Inorganic Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---
Dissolved Organic Carbon (filtered)	µg/L	-	-	13,000	14,000	13,400	68,000	45,000	---
Solids, Suspended	mg/L	-	-	---	---	---	33	---	---
Total Dissolved Solids	mg/L	-	-	---	---	---	---	---	---
Total Suspended Solids	mg/L	-	-	<5	<5	16.3	---	6.5	---
TPH CWG									
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<0.1	<0.1	<10	<0.1	<0.1	---
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	<0.1	<0.1	<10	<0.1	<0.1	---
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	<0.1	<0.1	<10	<0.1	<0.1	---
>C10-C44 Aliphatics	µg/L	-	-	<1	<1	---	<1	<1	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<1	<1	<10	<1	<1	---
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	<1	<1	<10	<1	<1	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	<1	<1	<10	<1	<1	---
>C16-C35 Aliphatics	µg/L	-	-	---	---	---	<2	---	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	<1	<1	<10	<1	<1	---
Total Aliphatics & Aromatics >C12-C35	µg/L	-	-	---	---	<10	---	---	---
>C35-C40 Aliphatics	µg/L	-	-	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	<1	<1	---	<1	<1	---
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---
Total Aliphatics >C5-C40	µg/L	-	-	---	---	---	---	---	---
Total Aliphatics >C12-C35	µg/L	-	-	---	---	<10	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	<0.1	<0.1	---	<0.1	<0.1	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<0.1	<0.1	<10	<0.1	<0.1	---
>EC10-EC44 Aromatics	µg/L	-	-	<1	<1	---	<1	<1	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	<0.1	<0.1	<10	<0.1	<0.1	---
>EC6-EC7 Aromatics	µg/L	-	-	---	---	<10	---	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	<1	<1	<10	<1	<1	---
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	<1	<1	<10	<1	<1	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	<1	<1	<10	<1	<1	---
>EC35-EC40 Aromatics	µg/L	-	-	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	<1	<1	<10	<1	<1	---
>EC35-EC44 Aromatics	µg/L	-	-	<1	<1	---	<1	<1	---
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	<1	<1	---	<1	<1	---
Total Aromatics >EC5-EC40	µg/L	-	-	---	---	---	---	---	---
Total Aromatics >EC12-EC35	µg/L	-	-	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	---	<10	---	---	---
TPH >C5-C40 Aliphatics/Aromatics	µg/L	-	-	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	<10	<10	---	<10	<10	---
TPH									
EPH >C10-40	µg/L	-	-	88	59	---	25	150	---
GRO >C5-12	µg/L	-	-	---	---	---	---	---	---
GRO C5-C10	µg/L	-	-	<1	<1	<50	<1	<1	---
BTEX and MTBE									
Benzene	µg/L	1 ^{#1}	8 ^{#19}	<1	<1	<1	5	7	<1
Toluene	µg/L	700 ^{#2}	74 ^{#19}	<1	<1	<1	<1	<1	---
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	<1	<1	<1	<1	<1	---
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	<2	---	<1	<2	<2	---
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	<1	---	<1	<1	<1	---
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	---	<1	<2	<3	---	---
MTBE	µg/L	15 ^{#10}	15 ^{#10}	<1	---	<1	<1	<1	---
Total BTEX	µg/L	-	-	---	---	<5	---	---	---

				Monitoring Unit	TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
				Location Code	B-BH2	B-BH2	B-BH2	B-BH2	B-BH3	B-BH3	B-BH3	B-BH3
				Well	S	S	S	S	S	S	S	S
				Matrix Type	Water	Water	Water	Water	Water	Water	Water	Water
				Lab Report Number	24-01791-1	24-08997	721210	721210	23-25280	23-25280	24-01791-1	24-01791-1
				Date	26 Jan 2024	30 Apr 2024	01 Feb 2024	01 Feb 2024	24 Oct 2023	24 Oct 2023	26 Jan 2024	26 Jan 2024
				Depth	3.99 - 10.06	4.09 - 10	8 - 8	8 - 8	4.52 - 11.14	4.52 - 11.14	4.13 - 10.77	4.13 - 10.77
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS									
PAH												
Naphthalene	µg/L	-	2 ^{#19}	0.12	0.1	0.0691	<1	0.14	---	0.21	---	---
Acenaphthene	µg/L	-	-	0.02	0.02	<40	0.0132	0.02	---	0.03	---	---
Acenaphthylene	µg/L	-	-	<0.01	<0.01	<0.005	---	<0.01	---	<0.01	---	---
Fluoranthene	µg/L	-	0.0063 ^{#19}	0.01	0.03	<40	0.0208	<0.01	---	<0.01	---	---
Anthracene	µg/L	-	0.1 ^{#19}	<0.01	<0.01	<0.005	---	<0.01	---	<0.01	---	---
Phenanthrene	µg/L	-	-	0.05	0.05	<40	0.0503	0.01	---	0.02	---	---
Fluorene	µg/L	-	-	0.02	0.01	<40	0.0129	0.01	---	0.01	---	---
Chrysene	µg/L	-	-	<0.01	<0.01	<0.005	---	<0.01	---	<0.01	---	---
Pyrene	µg/L	-	-	0.02	0.03	<40	0.0169	<0.01	---	<0.01	---	---
Benzo(a)anthracene	µg/L	-	-	<0.01	<0.01	<0.005	---	<0.01	---	<0.01	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	0.01	<0.005	---	<0.01	---	<0.01	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	<0.01	<0.005	---	<0.01	---	<0.01	---	---
Benzo(b+k)fluoranthene	µg/L	-	-	---	---	---	---	<0.02	---	---	---	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	<0.01	<0.01	<0.002	---	<0.01	---	<0.01	---	---
Dibenz(a,h)anthracene	µg/L	-	-	<0.01	<0.01	<0.005	---	<0.01	---	<0.01	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	0.02	<0.005	---	<0.01	---	<0.01	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	0.01	<0.005	---	<0.01	---	<0.01	---	---
PAH 16 Total	µg/L	-	-	0.24	0.28	0.183	---	<0.2	---	0.27	---	---
Phenolics												
Total Phenols (monohydric)	µg/L	-	-	<100	<100	---	---	<100	---	<100	---	---
Total Phenols of 8 Speciated (filtered)	µg/L	-	-	---	---	<45	---	---	---	---	---	---
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	<3	---	---	---	<1	---	<1	---	---
Xylenols	µg/L	-	-	---	---	---	---	---	---	---	---	---
Xylenols (filtered)	µg/L	-	-	---	---	<8	---	---	---	---	---	---
1-naphthol (filtered)	µg/L	-	-	---	---	<10	---	---	---	---	---	---
Cresol Total (filtered)	µg/L	-	-	---	---	<6	---	---	---	---	---	---
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	<3	---	<40	---	0.14	---	<1	---	---
Phenol (filtered)	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	---	<2	---	---	---	---	---	---
Resorcinol (m-dihydroxybenzene) (filtered)	µg/L	-	-	---	---	<10	---	---	---	---	---	---
Phenols Monohydric	µg/L	-	-	---	---	---	---	---	---	---	---	---
VOC												
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---	---	---	<2	---	---	---	---
Styrene	µg/L	-	50 ^{#20}	<1	---	<1	---	<1	---	<1	---	---
cis-1,3-dichloropropene	µg/L	-	-	<1	---	<1	---	<1	---	<1	---	---
trans-1,3-dichloropropene	µg/L	-	-	<1	---	<1	---	<1	---	<1	---	---
1,1,1,2-tetrachloroethane	µg/L	-	-	<1	---	<1	---	<1	---	<1	---	---
n-Pentanol	µg/L	-	-	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	<1	---	<1	---	<1	---	<1	---	---
1,1,2,2-tetrachloroethane	µg/L	-	-	<1	---	<1	---	<1	---	<1	---	---
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	<1	---	<1	---	<1	---	<1	---	---
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	<1	---	<1	---	<1	---	<1	---	---
1,1-dichloroethene	µg/L	140 ^{#14}	-	<1	---	<1	---	<1	---	<1	---	---
1,1-dichloropropene	µg/L	-	-	<1	---	<1	---	<1	---	<1	---	---
1,2,3-trichloropropane	µg/L	-	-	<1	---	<1	---	<1	---	<1	---	---
1,2,4-trimethylbenzene	µg/L	-	-	<1	---	<1	---	<1	---	<1	---	---
1,2-dibromo-3-chloropropane	µg/L	-	-	<1	---	<1	---	<1	---	<1	---	---
1,2-dibromoethane	µg/L	-	-	<1	---	<1	---	<1	---	<1	---	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	<1	---	<1	---	<1	---	<1	---	---
1,3-Dichloropropene	µg/L	-	-	---	---	---	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---	---	---	<2	---	---	---	---
1,2-dichloropropane	µg/L	-	-	<1	---	<1	---	<1	---	<1	---	---
1,3,5-trimethylbenzene	µg/L	-	-	<1	---	<1	---	<1	---	<1	---	---
1,3-dichloropropane	µg/L	-	-	<1	---	<1	---	<1	---	<1	---	---
2,2-dichloropropane	µg/L	-	-	<2	---	<1	---	<2	---	<2	---	---
Trihalomethanes	µg/L	100 ^{#1}	-	---	---	---	---	<7	---	---	---	---
2-chlorotoluene	µg/L	-	-	<1	---	<1	---	<1	---	<1	---	---
4-chlorotoluene	µg/L	-	-	<1	---	<1	---	<1	---	<1	---	---
Bromobenzene	µg/L	-	-	<1	---	<1	---	<1	---	<1	---	---
Bromochloromethane	µg/L	-	-	<4	---	<1	---	<4	---	<4	---	---
Bromodichloromethane	µg/L	25 ^{#15}	-	<4	---	<1	---	<4	---	<4	---	---
Bromoform	µg/L	25 ^{#15}	-	<1	---	<1	---	<1	---	<1	---	---
Bromomethane	µg/L	-	-	<1	---	<1	---	<1	---	<1	---	---
Carbon disulfide	µg/L	-	-	---	---	<1	---	---	---	---	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	<1	---	<1	---	<1	---	<1	---	---
Chlorodibromomethane	µg/L	25 ^{#15}	-	<1	---	<1	---	<1	---	<1	---	---
Chloroethane	µg/L	-	-	<1	---	<1	---	<1	---	<1	---	---



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		B-BH2	B-BH2	B-BH2	B-BH2	B-BH3	B-BH3	B-BH3	B-BH3
Well		S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		24-01791-1	24-08997	721210	721210	23-25280	23-25280	24-01791-1	24-01791-1
Date		26 Jan 2024	30 Apr 2024	01 Feb 2024	01 Feb 2024	24 Oct 2023	24 Oct 2023	26 Jan 2024	26 Jan 2024
Depth		3.99 - 10.06	4.09 - 10	8 - 8	8 - 8	4.52 - 11.14	4.52 - 11.14	4.13 - 10.77	4.13 - 10.77
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	<1	---	<1	---	<1	---
Chloromethane	µg/L	-	-	<1	---	<1	---	<1	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	<1	---	<1	---	<1	---
Dibromomethane	µg/L	-	-	<1	---	<1	---	<1	---
Dichlorodifluoromethane	µg/L	-	-	<1	---	<1	---	<1	---
Dichloromethane	µg/L	-	20 ^{#19}	<27	---	<3	---	<27	---
Isopropylbenzene	µg/L	-	-	<1	---	<1	---	<1	---
n-butylbenzene	µg/L	-	-	<1	---	<1	---	<1	---
n-propylbenzene	µg/L	-	-	<1	---	<1	---	<1	---
p-isopropyltoluene	µg/L	-	-	<1	---	<1	---	<1	---
sec-butylbenzene	µg/L	-	-	<1	---	<1	---	<1	---
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	<1	---	<1	---	<1	---
tert-butylbenzene	µg/L	-	-	<1	---	<1	---	<1	---
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	<1	---	<1	---	<1	---
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	<1	---	<1	---	<1	---
Trichlorofluoromethane	µg/L	-	-	<1	---	<1	---	<1	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	<1	---	<1	---	<1	---
tert-Amyl methyl ether	µg/L	-	-	<5	---	<1	---	<5	---
VOC/SVOC									
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	---	<1	---	<1	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	---	<1	---	<1	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	---	<1	---	<1	---
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	<1	---	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	<2	---	<1	---	<2	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	---	<1	---	<1	---
Chlorobenzene	µg/L	100 ^{#18}	-	<1	---	<1	---	<1	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	<1	---	<1	---	<1	---
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	---	---	<2	---
SVOC									
1,4-dinitrobenzene	µg/L	-	-	<3	---	---	---	<1	---
Benzyl alcohol	µg/L	-	-	<3	---	---	---	<1	---
4-bromophenyl phenyl ether	µg/L	-	-	<3	---	<40	---	<1	---
4-nitroaniline	µg/L	-	-	<3	---	<40	---	<1	---
4-nitrophenol	µg/L	-	-	<3	---	<40	---	<1	---
catechol (o-dihydroxybenzene) (filtered)	µg/L	-	-	---	---	<10	---	---	---
1,3-Dinitrobenzene	µg/L	-	-	<3	---	---	---	<1	---
1-Methylnaphthalene	µg/L	-	-	<3	---	---	---	<1	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	<3	---	---	---	<1	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	<3	---	---	---	<1	---
2,3,5-Trimethylphenol (filtered)	µg/L	-	-	---	---	<3	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	<3	---	<40	---	<1	---
2,4,6-trichlorophenol	µg/L	-	-	<3	---	<40	---	<0.1	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	<3	---	<40	---	<0.1	---
2,4-dimethylphenol	µg/L	-	-	<3	---	<40	---	0.15	---
2,4-dinitrotoluene	µg/L	-	-	<3	---	<40	---	<1	---
2,6-dichlorophenol	µg/L	-	-	---	---	---	---	<0.1	---
2,6-Dimethylphenol	µg/L	-	-	---	---	---	---	<0.1	---
2,6-dinitrotoluene	µg/L	-	-	<3	---	<40	---	<1	---
2-chloronaphthalene	µg/L	-	-	<3	---	<40	---	<1	---
2-chlorophenol	µg/L	-	50 ^{#20}	<3	---	<40	---	<1	---
2-Isopropylphenol (filtered)	µg/L	-	-	---	---	<6	---	---	---
2-methylnaphthalene	µg/L	-	-	<3	---	<40	---	<1	---
2-methylphenol	µg/L	-	-	<3	---	<40	---	<1	---
2-nitroaniline	µg/L	-	-	<3	---	<40	---	<1	---
2-nitrophenol	µg/L	-	-	---	---	<40	---	---	---
3-nitroaniline	µg/L	-	-	<3	---	<40	---	<1	---
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	<3	---	<40	---	<0.1	---
4-chloroaniline	µg/L	-	-	---	---	<40	---	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	<3	---	<40	---	<1	---
4-methylphenol	µg/L	-	-	---	---	<40	---	0.29	---
Aniline	µg/L	-	-	<3	---	---	---	<1	---
Azobenzene	µg/L	-	-	<3	---	<40	---	<1	---
Bis(2-chloroethoxy) methane	µg/L	-	-	<3	---	<40	---	<1	---
Bis(2-chloroethyl)ether	µg/L	-	-	---	---	<40	---	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	<3	---	---	---	<1	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	<3	---	<80	---	<1	---
Bis(2-ethylhexyl)ester	µg/L	-	-	---	---	---	---	<1	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	<3	---	<40	---	<1	---



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		B-BH2	B-BH2	B-BH2	B-BH2	B-BH3	B-BH3	B-BH3	B-BH3
Well		S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		24-01791-1	24-08997	721210	721210	23-25280	23-25280	24-01791-1	24-01791-1
Date		26 Jan 2024	30 Apr 2024	01 Feb 2024	01 Feb 2024	24 Oct 2023	24 Oct 2023	26 Jan 2024	26 Jan 2024
Depth		3.99 - 10.06	4.09 - 10	8 - 8	8 - 8	4.52 - 11.14	4.52 - 11.14	4.13 - 10.77	4.13 - 10.77
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Carbazole	µg/L	-	-	<3	---	<40	---	<1	---
Di(2-ethylhexyl)adipate	µg/L	-	-	<3	---	---	---	<1	---
Dibenzofuran	µg/L	-	-	<3	---	<40	---	<1	---
Diethylphthalate	µg/L	-	200 ^{#20}	<3	---	<40	---	<1	---
Dimethyl phthalate	µg/L	-	800 ^{#20}	<3	---	<40	---	<1	---
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	<3	---	<40	---	<1	---
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	<3	---	<200	---	<1	---
Diphenylamine	µg/L	-	-	<3	---	---	---	<1	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	<3	---	<40	---	<1	---
Hexachlorocyclopentadiene	µg/L	-	-	<3	---	<40	---	<1	---
Hexachloroethane	µg/L	-	-	---	---	<40	---	---	---
Isophorone	µg/L	-	-	---	---	<40	---	---	---
Nitrobenzene	µg/L	-	-	---	---	<40	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	<40	---	---	---
Pentachlorophenol	µg/L	-	0.4 ^{#19}	<3	---	<40	---	<1	---
PCB									
PCB 12	µg/L	-	-	---	---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---	---	<0.3	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---	---	<0.3	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---	---	<0.2	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---	---	<0.3	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---	---	<0.2	---	---
PCB 101	µg/L	-	-	---	---	---	<0.3	---	---
PCB 118 + PCB 123	mg/L	-	-	---	---	---	<0.0006	---	---
PCB 138	µg/L	-	-	---	---	---	<0.2	---	---
PCB 153	µg/L	-	-	---	---	---	<0.2	---	---
PCB 180	µg/L	-	-	---	---	---	<0.2	---	---
PCB 28 + PCB 31	µg/L	-	-	---	---	---	<0.3	---	---
PCB 52	µg/L	-	-	---	---	---	<0.2	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---	---	<0.2	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---	---	<0.3	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---	---	<0.5	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---	---	<0.3	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---	---	<0.2	---	---
Total PCB 7 Congeners	µg/L	-	-	---	---	---	<1	---	---
Total PCB WHO 12	µg/L	-	-	---	---	---	<1	---	---
PCBs (Sum of total)	µg/L	-	-	---	---	---	---	---	---
Solvents									
4-Methyl-2-pentanone	µg/L	-	-	---	---	---	---	---	---
Acetone	µg/L	-	-	---	---	---	---	---	---
Tetrahydrofuran	µg/L	-	-	---	---	---	---	---	---
Polybrominated Diphenyl Ethers									
BDE-100	ng/l	-	-	---	---	<0.42	---	---	---
BDE-153	ng/l	-	-	---	---	<0.3	---	---	---
BDE-154	ng/l	-	-	---	---	<0.34	---	---	---
BDE-183	ng/l	-	-	---	---	<0.45	---	---	---
BDE-28	ng/l	-	-	---	---	<0.41	---	---	---
BDE-47	ng/l	-	-	---	---	<0.29	---	---	---
BDE-99	ng/l	-	-	---	---	<0.54	---	---	---
Sum of selected BDE	ng/l	-	-	---	---	0	---	---	---
BDE-209	ng/l	-	-	---	---	<3.2	---	---	---
Organotins									
Dibutyltin	µg/L	-	-	---	---	---	---	---	---
Tetrabutyltin	µg/L	-	-	---	---	---	---	---	---
Tributyltin	µg/L	-	0.0002 ^{#19}	---	---	---	---	---	---
Triphenyltin	µg/L	-	0.0002 (MAC) ^{#37}	---	---	---	---	---	---
Alcohols									
Butyl alcohol, sec-	µg/L	-	-	---	---	---	---	---	---
1-Butanol	µg/L	-	-	---	---	---	---	---	---
Methyl Ethyl Ketone	µg/L	-	-	---	---	---	---	---	---
Ethanol	µg/L	-	-	---	---	---	---	---	---
Methanol	µg/L	-	-	---	---	---	---	---	---
Isobutanol	µg/L	-	-	---	---	---	---	---	---



				Monitoring Unit	TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
				Location Code	B-BH2	B-BH2	B-BH2	B-BH2	B-BH3	B-BH3	B-BH3	B-BH3
				Well	S	S	S	S	S	S	S	S
				Matrix Type	Water	Water	Water	Water	Water	Water	Water	Water
				Lab Report Number	24-01791-1	24-08997	721210	721210	23-25280	23-25280	24-01791-1	24-01791-1
				Date	26 Jan 2024	30 Apr 2024	01 Feb 2024	01 Feb 2024	24 Oct 2023	24 Oct 2023	26 Jan 2024	26 Jan 2024
				Depth	3.99 - 10.06	4.09 - 10	8 - 8	8 - 8	4.52 - 11.14	4.52 - 11.14	4.13 - 10.77	4.13 - 10.77
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS									
2-Propanol	µg/L	-	-	---	---	---	---	---	---	---	---	---
n-Heptanol	µg/L	-	-	---	---	---	---	---	---	---	---	---
n-Hexanol	µg/L	-	-	---	---	---	---	---	---	---	---	---
1-Propanol	µg/L	-	-	---	---	---	---	---	---	---	---	---
tert-Butyl alcohol	µg/L	12	12	---	---	---	---	---	---	---	---	---
Acetates												
n-Propyl Acetate	µg/L	-	-	---	---	---	---	---	---	---	---	---
1,2-butylacetate	µg/L	-	-	---	---	---	---	---	---	---	---	---
Ethyl acetate	µg/L	-	-	---	---	---	---	---	---	---	---	---
Iso-Propyl Acetate	µg/L	-	-	---	---	---	---	---	---	---	---	---
Methyl acetate	µg/L	-	-	---	---	---	---	---	---	---	---	---
Glycols												
1,3-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	---
1,3-Propanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	---
1,4-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Diethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Ethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Propylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Triethylene Glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Pesticides												
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---	---	---	---	---
2,4-Dichlorophenoxy Acetic Acid (D)	µg/L	-	-	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	µg/L	-	-	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Actril (loxynil)	µg/L	-	10 ^{#20}	---	---	---	---	---	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	---	---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	---	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---	---	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---	---	---



				Monitoring Unit	TFD	TFD	TFD	TFD	TFD	TFD	TFD
				Location Code	B-BH3	B-BH3	B-BH3	B-BH3	B-BH5	B-BH5	B-BH5
				Well	S	S	S	S	S	S	S
				Matrix Type	Water	Water	Water	Water	Water	Water	Water
				Lab Report Number	24-08909	24-16103-1	721210	721210	23-25409	23-25409	24-01681-2
				Date	29 Apr 2024	30 Jul 2024	01 Feb 2024	01 Feb 2024	25 Oct 2023	25 Oct 2023	24 Jan 2024
				Depth	4.31 - 10.62	4.41 - 10.66	8 - 8	8 - 8	4.32 - 10.6	4.32 - 10.6	4.08 - 10.6
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	49	120	103	---	20	---	<10	<10
Antimony (filtered)	µg/L	5 ^{#1}	-	1.7	<0.85	---	---	0.24	---	<0.17	0.17
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	31	<0.8	25	---	3.4	---	5.6	4.7
Barium (filtered)	µg/L	1,300 ^{#2}	-	150	96	---	---	58	---	77	110
Beryllium (filtered)	µg/L	-	-	<0.1	<0.5	---	---	<0.1	---	<0.1	<0.1
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	240	2,600	312	---	140	---	250	250
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	0.04	<0.15	<0.08	---	<0.03	---	<0.03	<0.03
Calcium (filtered)	mg/L	-	-	240	150	253	---	100	---	90	93
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	<7	<7	---	---	<7	---	<7	<7
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	<30	---	---	---	---	---
Chromium	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	---	---	0.9	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	<1	---	---	---	---	---
Chromium (Trivalent) (filtered)	µg/L	-	-	<1	1.3	---	---	<1	---	<1	<1
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	<0.4	<2	0.836	---	<0.4	---	<0.4	<0.4
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	<50	---	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	103	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	91	220	82.4	---	8.4	---	6.3	7.1
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	<0.09	<0.45	0.271	---	<0.09	---	<0.09	0.11
Magnesium	mg/L	-	-	---	---	---	---	---	---	---	---
Magnesium (filtered)	mg/L	-	-	74	35	0.996	---	5.7	---	15	16
Manganese	µg/L	50 ^{#1}	-	---	---	29.4	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	28	180	<3	---	64	---	210	160
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	0.1	<0.05	0.163	---	<0.01	---	<0.01	<0.01
Molybdenum (filtered)	µg/L	70 ^{#3}	-	140	6	140	---	39	---	17	21
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	7.4	4.6	8.22	---	1.9	---	0.9	1
Potassium (filtered)	mg/L	-	-	84	70	72.1	---	51	---	42	47
Selenium (filtered)	µg/L	10 ^{#1}	-	0.67	2.4	1.07	---	<0.25	---	<0.25	<0.25
Silicon (filtered)	µg/L	-	-	---	---	6,510	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	2,700	2,500	2,400	---	93	---	110	180
Tin (filtered)	µg/L	-	10 ^{#25}	<0.4	<2	---	---	<0.4	---	0.7	<0.4
Titanium (filtered)	µg/L	-	-	0.5	2.4	---	---	<0.3	---	<0.3	<0.3
Vanadium (filtered)	µg/L	-	100 ^{#26}	17	<3	27.6	---	0.7	---	<0.6	<0.6
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	5.8	120	5.52	---	5.9	---	25	19
Inorganics											
Total Hardness	mg/l	-	-	910	516	---	---	275	---	288	301
Alkalinity (Bicarbonate as CaCO3)	mg/L	-	-	---	---	<3	---	---	---	---	---
Alkalinity (Bicarbonate as CaCO3) (filtered)	mg/L	-	-	---	---	<3	---	---	---	---	---
Alkalinity (Bicarbonate) as HCO3	mg/L	-	-	---	---	---	---	---	---	---	---
Alkalinity (total) as CaCO3	mg/L	-	-	---	---	219	---	44	---	---	---
Alkalinity (total) as CaCO3 (filtered)	mg/L	-	-	---	---	217	---	---	---	---	---
Carbonate	µg/L	-	-	140,000	97,000	---	---	---	---	58,000	57,000
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	35	46	---	---	4.9	---	2.5	2.9
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	40.7	---	---	---	---	---
Sulphate total (%) (filtered)	%	0.025 (SO4) ^{#5}	-	---	---	0.0444	---	---	---	---	---
Ammonia	mg/L	-	0.021 ^{#19}	---	---	49.4	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	27	36	40.7	---	3.8	---	2	2.3
Nitrate (as N)	mg/L	-	-	<0.1	<0.1	---	---	<0.1	---	---	<0.1
Nitrogen (Total)	µg/L	-	-	---	---	---	---	---	---	---	---
Nitrite (as N)	mg/L	-	-	<0.035	<0.035	---	---	<0.035	---	<0.035	<0.035
Chloride	mg/L	250 ^{#1}	-	4,100	2,800	---	---	130	---	140	170
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	3,400	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	<100	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	7.9	<20	---	---	1	---	0.9	0.5
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	<50	17.7	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	94	120	---	---	4.3	---	3.7	0.2
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	214	---	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	86	100	---	---	3.3	---	2.8	<0.1
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#6}	-	---	---	---	---	---	---	<0.1	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#6}	-	---	---	<0.3	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#7}	-	---	---	---	---	<0.1	---	---	---



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		B-BH3	B-BH3	B-BH3	B-BH3	B-BH5	B-BH5	B-BH5	B-BH5
Well		S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		24-08909	24-16103-1	721210	721210	23-25409	23-25409	24-01681-2	24-08448
Date		29 Apr 2024	30 Jul 2024	01 Feb 2024	01 Feb 2024	25 Oct 2023	25 Oct 2023	24 Jan 2024	23 Apr 2024
Depth		4.31 - 10.62	4.41 - 10.66	8 - 8	8 - 8	4.32 - 10.6	4.32 - 10.6	4.08 - 10.6	4.18 - 10.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#7}	-	---	---	<0.05	---	---	---
Sulphate	mg/L	250 (SO4) ^{#5}	-	1,500	1,800	---	360	320	400
Sulphate (filtered)	mg/L	250 (SO4) ^{#5}	-	---	---	1,330	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	9.7	9.3	10.2	---	7.8	8.2
Sulphur as S	mg/L	-	-	110	1,000	600	130	200	140
Sulphide	µg/L	-	10 (MAC) ^{#29}	710	7,200	---	26	13	32
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	549	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	13,000	12,000	---	550	500	200
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	16,100	---	---	---
Ortho phosphate as PO4	mg/l	-	-	0.03	<0.03	---	0.07	<0.03	<0.03
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	0.073	---	---	---
Ionic Balance	%	-	-	107	89	-2.34	109	100	94
Orthophosphate as P (filtered)	mg/l	-	-	---	---	---	---	---	---
Silica	µg/L	-	-	13,000	11,000	---	1,400	4,900	2,200
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	<20,000	60,000	---	2,000	<5,000	<5,000
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	<500	---	---	---
Other									
Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---
Dissolved Inorganic Carbon (filtered)	µg/L	-	-	---	---	9,000	---	---	---
Inorganic Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---
Dissolved Organic Carbon (filtered)	µg/L	-	-	31,000	40,000	41,000	6,400	3,800	3,100
Solids, Suspended	mg/L	-	-	---	---	---	<5	---	---
Total Dissolved Solids	mg/L	-	-	---	---	---	---	---	---
Total Suspended Solids	mg/L	-	-	26	20	41.7	---	<5	<5
TPH CWG									
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<0.1	<0.1	<10	<0.1	<0.1	<0.1
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	<0.1	<0.1	<10	<0.1	<0.1	<0.1
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	16	<0.1	<10	<0.1	<0.1	<0.1
>C10-C44 Aliphatics	µg/L	-	-	<1	<1	---	<1	<1	<1
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<1	<1	<10	<1	<1	<1
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	<1	<1	<10	<1	<1	<1
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	<1	<1	<10	<1	<1	<1
>C16-C35 Aliphatics	µg/L	-	-	---	---	---	<2	---	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	<1	<1	<10	<1	<1	<1
Total Aliphatics & Aromatics >C12-C35	µg/L	-	-	---	---	<10	---	---	---
>C35-C40 Aliphatics	µg/L	-	-	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	<1	<1	---	<1	<1	<1
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---
Total Aliphatics >C5-C40	µg/L	-	-	---	---	---	---	---	---
Total Aliphatics >C12-C35	µg/L	-	-	---	---	<10	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	<0.1	<0.1	---	<0.1	<0.1	<0.1
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<0.1	<0.1	<10	<0.1	<0.1	<0.1
>EC10-EC44 Aromatics	µg/L	-	-	<1	<1	---	<1	<1	<1
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	<0.1	<0.1	11	<0.1	<0.1	<0.1
>EC6-EC7 Aromatics	µg/L	-	-	---	---	10	---	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	<1	<1	<10	<1	<1	<1
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	<1	<1	<10	<1	<1	<1
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	<1	<1	<10	<1	<1	<1
>EC35-EC40 Aromatics	µg/L	-	-	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	<1	<1	<10	<1	<1	<1
>EC35-EC44 Aromatics	µg/L	-	-	<1	<1	---	<1	<1	<1
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	<1	<1	---	<1	<1	<1
Total Aromatics >EC5-EC40	µg/L	-	-	---	---	---	---	---	---
Total Aromatics >EC12-EC35	µg/L	-	-	---	---	<50	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	---	36	---	---	---
TPH >C5-C40 Aliphatics/Aromatics	µg/L	-	-	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	16	<10	---	<10	<10	<10
TPH									
EPH >C10-40	µg/L	-	-	230	240	---	97	130	58
GRO >C5-12	µg/L	-	-	---	---	---	---	---	---
GRO C5-C10	µg/L	-	-	16	<1	<50	<1	<1	<1
BTEX and MTBE									
Benzene	µg/L	1 ^{#1}	8 ^{#19}	<1	<1	9.38	1	<1	<1
Toluene	µg/L	700 ^{#2}	74 ^{#19}	<1	<1	<1	<1	<5	<1
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	<1	<1	<1	<1	<5	<1
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	---	---	<1	<10	<10	---
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	---	---	<1	<5	<5	---
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	<1	<1	<2	3	---	<1
MTBE	µg/L	15 ^{#10}	15 ^{#10}	---	---	<1	<1	<10	---
Total BTEX	µg/L	-	-	---	---	9.38	---	---	---



				Monitoring Unit	TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
				Location Code	B-BH3	B-BH3	B-BH3	B-BH3	B-BH5	B-BH5	B-BH5	B-BH5
				Well	S	S	S	S	S	S	S	S
				Matrix Type	Water	Water	Water	Water	Water	Water	Water	Water
				Lab Report Number	24-08909	24-16103-1	721210	721210	23-25409	23-25409	24-01681-2	24-08448
				Date	29 Apr 2024	30 Jul 2024	01 Feb 2024	01 Feb 2024	25 Oct 2023	25 Oct 2023	24 Jan 2024	23 Apr 2024
				Depth	4.31 - 10.62	4.41 - 10.66	8 - 8	8 - 8	4.32 - 10.6	4.32 - 10.6	4.08 - 10.6	4.18 - 10.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS									
PAH												
Naphthalene	µg/L	-	2 ^{#19}	0.32	0.19	0.218	<1	0.07	---	<0.05	<0.05	
Acenaphthene	µg/L	-	-	0.07	0.04	<40	0.0287	0.02	---	<0.01	<0.01	
Acenaphthylene	µg/L	-	-	0.02	0.02	<0.005	---	0.02	---	<0.01	<0.01	
Fluoranthene	µg/L	-	0.0063 ^{#19}	0.08	0.02	<0.005	---	0.03	---	<0.01	<0.01	
Anthracene	µg/L	-	0.1 ^{#19}	<0.01	0.02	<0.005	---	0.02	---	<0.01	<0.01	
Phenanthrene	µg/L	-	-	0.13	0.03	<40	0.0144	0.04	---	<0.01	<0.01	
Fluorene	µg/L	-	-	0.05	0.02	<40	0.00814	0.01	---	<0.01	<0.01	
Chrysene	µg/L	-	-	0.04	<0.01	<0.005	---	0.02	---	<0.01	<0.01	
Pyrene	µg/L	-	-	0.08	0.02	<0.005	---	0.03	---	<0.01	<0.01	
Benzo(a)anthracene	µg/L	-	-	0.04	0.01	<0.005	---	0.02	---	<0.01	<0.01	
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.06	<0.01	<0.005	---	0.02	---	<0.01	<0.01	
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.02	<0.01	<0.005	---	<0.01	---	<0.01	<0.01	
Benzo(b+k)fluoranthene	µg/L	-	-	---	---	---	---	0.03	---	---	---	
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	0.04	<0.01	<0.002	---	0.01	---	<0.01	<0.01	
Dibenz(a,h)anthracene	µg/L	-	-	<0.01	<0.01	<0.005	---	<0.01	---	<0.01	<0.01	
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.05	<0.01	<0.005	---	0.02	---	<0.01	<0.01	
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	0.03	<0.01	<0.005	---	<0.01	---	<0.01	<0.01	
PAH 16 Total	µg/L	-	-	1.1	0.38	0.269	---	0.32	---	<0.2	<0.2	
Phenolics												
Total Phenols (monohydric)	µg/L	-	-	<100	<100	---	---	<100	---	<100	<100	
Total Phenols of 8 Speciated (filtered)	µg/L	-	-	---	---	<45	---	---	---	---	---	
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	---	<1	---	---	---	
Xylenols	µg/L	-	-	---	---	---	---	---	---	---	---	
Xylenols (filtered)	µg/L	-	-	---	---	<8	---	---	---	---	---	
1-naphthol (filtered)	µg/L	-	-	---	---	<10	---	---	---	---	---	
Cresol Total (filtered)	µg/L	-	-	---	---	<6	---	---	---	---	---	
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	---	<40	---	<0.1	---	---	---	
Phenol (filtered)	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	---	<2	---	---	---	---	---	
Resorcinol (m-dihydroxybenzene) (filtered)	µg/L	-	-	---	---	<10	---	---	---	---	---	
Phenols Monohydric	µg/L	-	-	---	---	---	---	---	---	---	---	
VOC												
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---	---	---	<2	---	---	---	
Styrene	µg/L	-	50 ^{#20}	---	---	<1	---	<1	---	---	---	
cis-1,3-dichloropropene	µg/L	-	-	---	---	<1	---	<1	---	---	---	
trans-1,3-dichloropropene	µg/L	-	-	---	---	<1	---	<1	---	---	---	
1,1,1,2-tetrachloroethane	µg/L	-	-	---	---	<1	---	<1	---	---	---	
n-Pentanol	µg/L	-	-	---	---	---	---	---	---	---	---	
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	---	---	<1	---	<1	---	---	---	
1,1,2,2-tetrachloroethane	µg/L	-	-	---	---	<1	---	<1	---	---	---	
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	---	---	<1	---	<1	---	---	---	
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	---	---	<1	---	<1	---	---	---	
1,1-dichloroethene	µg/L	140 ^{#14}	-	---	---	<1	---	<1	---	---	---	
1,1-dichloropropene	µg/L	-	-	---	---	<1	---	<1	---	---	---	
1,2,3-trichloropropane	µg/L	-	-	---	---	<1	---	<1	---	---	---	
1,2,4-trimethylbenzene	µg/L	-	-	---	---	<1	---	<1	---	---	---	
1,2-dibromo-3-chloropropane	µg/L	-	-	---	---	<1	---	<1	---	---	---	
1,2-dibromoethane	µg/L	-	-	---	---	<1	---	<1	---	---	---	
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	---	---	<1	---	<1	---	---	---	
1,3-Dichloropropene	µg/L	-	-	---	---	---	---	---	---	---	---	
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---	---	---	<2	---	---	---	
1,2-dichloropropane	µg/L	-	-	---	---	<1	---	<1	---	---	---	
1,3,5-trimethylbenzene	µg/L	-	-	---	---	<1	---	<1	---	---	---	
1,3-dichloropropane	µg/L	-	-	---	---	<1	---	<1	---	---	---	
2,2-dichloropropane	µg/L	-	-	---	---	<1	---	<2	---	---	---	
Trihalomethanes	µg/L	100 ^{#1}	-	---	---	---	---	<7	---	---	---	
2-chlorotoluene	µg/L	-	-	---	---	<1	---	<1	---	---	---	
4-chlorotoluene	µg/L	-	-	---	---	<1	---	<1	---	---	---	
Bromobenzene	µg/L	-	-	---	---	<1	---	<1	---	---	---	
Bromochloromethane	µg/L	-	-	---	---	<1	---	<4	---	---	---	
Bromodichloromethane	µg/L	25 ^{#15}	-	---	---	<1	---	<4	---	---	---	
Bromoform	µg/L	25 ^{#15}	-	---	---	<1	---	<1	---	---	---	
Bromomethane	µg/L	-	-	---	---	<1	---	<1	---	---	---	
Carbon disulfide	µg/L	-	-	---	---	<1	---	---	---	---	---	
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	---	---	<1	---	<1	---	---	---	
Chlorodibromomethane	µg/L	25 ^{#15}	-	---	---	<1	---	<1	---	---	---	
Chloroethane	µg/L	-	-	---	---	<1	---	<1	---	---	---	



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		B-BH3	B-BH3	B-BH3	B-BH3	B-BH5	B-BH5	B-BH5	B-BH5
Well		S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		24-08909	24-16103-1	721210	721210	23-25409	23-25409	24-01681-2	24-08448
Date		29 Apr 2024	30 Jul 2024	01 Feb 2024	01 Feb 2024	25 Oct 2023	25 Oct 2023	24 Jan 2024	23 Apr 2024
Depth		4.31 - 10.62	4.41 - 10.66	8 - 8	8 - 8	4.32 - 10.6	4.32 - 10.6	4.08 - 10.6	4.18 - 10.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	---	---	<1	---	<1	---
Chloromethane	µg/L	-	-	---	---	<1	---	<1	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	<1	---	<1	---
Dibromomethane	µg/L	-	-	---	---	<1	---	<1	---
Dichlorodifluoromethane	µg/L	-	-	---	---	<1	---	<1	---
Dichloromethane	µg/L	-	20 ^{#19}	---	---	<3	---	<27	---
Isopropylbenzene	µg/L	-	-	---	---	<1	---	<1	---
n-butylbenzene	µg/L	-	-	---	---	<1	---	<1	---
n-propylbenzene	µg/L	-	-	---	---	<1	---	<1	---
p-isopropyltoluene	µg/L	-	-	---	---	<1	---	<1	---
sec-butylbenzene	µg/L	-	-	---	---	<1	---	<1	---
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	<1	---	<1	---
tert-butylbenzene	µg/L	-	-	---	---	<1	---	<1	---
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	<1	---	<1	---
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	<1	---	<1	---
Trichlorofluoromethane	µg/L	-	-	---	---	<1	---	<1	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	---	<1	---	<1	---
tert-Amyl methyl ether	µg/L	-	-	---	---	<1	---	<5	---
VOC/SVOC									
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	<1	---	<1	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	<1	---	<1	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	<1	---	<1	---
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	<1	---	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	<1	---	<2	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	<1	---	<1	---
Chlorobenzene	µg/L	100 ^{#18}	-	---	---	<1	---	<1	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	---	---	<1	---	<1	---
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	---	---	<2	---
SVOC									
1,4-dinitrobenzene	µg/L	-	-	---	---	---	---	<1	---
Benzyl alcohol	µg/L	-	-	---	---	---	---	<1	---
4-bromophenyl phenyl ether	µg/L	-	-	---	---	<40	---	<1	---
4-nitroaniline	µg/L	-	-	---	---	<40	---	<1	---
4-nitrophenol	µg/L	-	-	---	---	<40	---	<1	---
catechol (o-dihydroxybenzene) (filtered)	µg/L	-	-	---	---	<10	---	---	---
1,3-Dinitrobenzene	µg/L	-	-	---	---	---	---	<1	---
1-Methylnaphthalene	µg/L	-	-	---	---	---	---	<1	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	---	---	---	<1	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	---	---	---	<1	---
2,3,5-Trimethylphenol (filtered)	µg/L	-	-	---	---	<3	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	---	---	<40	---	<1	---
2,4,6-trichlorophenol	µg/L	-	-	---	---	<40	---	<0.1	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	---	---	<40	---	<0.1	---
2,4-dimethylphenol	µg/L	-	-	---	---	<40	---	<0.1	---
2,4-dinitrotoluene	µg/L	-	-	---	---	<40	---	<1	---
2,6-dichlorophenol	µg/L	-	-	---	---	---	---	<0.1	---
2,6-Dimethylphenol	µg/L	-	-	---	---	---	---	<0.1	---
2,6-dinitrotoluene	µg/L	-	-	---	---	<40	---	<1	---
2-chloronaphthalene	µg/L	-	-	---	---	<40	---	<1	---
2-chlorophenol	µg/L	-	50 ^{#20}	---	---	<40	---	<1	---
2-Isopropylphenol (filtered)	µg/L	-	-	---	---	<6	---	---	---
2-methylnaphthalene	µg/L	-	-	---	---	<40	---	<1	---
2-methylphenol	µg/L	-	-	---	---	<40	---	<1	---
2-nitroaniline	µg/L	-	-	---	---	<40	---	<1	---
2-nitrophenol	µg/L	-	-	---	---	<40	---	---	---
3-nitroaniline	µg/L	-	-	---	---	<40	---	<1	---
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	---	---	<40	---	<0.1	---
4-chloroaniline	µg/L	-	-	---	---	<40	---	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	---	<40	---	<1	---
4-methylphenol	µg/L	-	-	---	---	<40	---	<0.1	---
Aniline	µg/L	-	-	---	---	---	---	<1	---
Azobenzene	µg/L	-	-	---	---	<40	---	<1	---
Bis(2-chloroethoxy) methane	µg/L	-	-	---	---	<40	---	<1	---
Bis(2-chloroethyl)ether	µg/L	-	-	---	---	<40	---	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	---	<1	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	---	<80	---	<1	---
Bis(2-ethylhexyl)ester	µg/L	-	-	---	---	---	---	<1	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	---	<40	---	<1	---



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		B-BH3	B-BH3	B-BH3	B-BH3	B-BH5	B-BH5	B-BH5	B-BH5
Well		S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		24-08909	24-16103-1	721210	721210	23-25409	23-25409	24-01681-2	24-08448
Date		29 Apr 2024	30 Jul 2024	01 Feb 2024	01 Feb 2024	25 Oct 2023	25 Oct 2023	24 Jan 2024	23 Apr 2024
Depth		4.31 - 10.62	4.41 - 10.66	8 - 8	8 - 8	4.32 - 10.6	4.32 - 10.6	4.08 - 10.6	4.18 - 10.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Carbazole	µg/L	-	-	---	---	<40	---	<1	---
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	---	---	---	---
Dibenzofuran	µg/L	-	-	---	---	<40	---	<1	---
Diethylphthalate	µg/L	-	200 ^{#20}	---	---	<40	---	<1	---
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	---	<40	---	<1	---
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	---	<40	---	<1	---
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	---	<200	---	<1	---
Diphenylamine	µg/L	-	-	---	---	---	---	<1	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	---	---	<40	---	<1	---
Hexachlorocyclopentadiene	µg/L	-	-	---	---	<40	---	<1	---
Hexachloroethane	µg/L	-	-	---	---	<40	---	---	---
Isophorone	µg/L	-	-	---	---	<40	---	---	---
Nitrobenzene	µg/L	-	-	---	---	<40	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	<40	---	---	---
Pentachlorophenol	µg/L	-	0.4 ^{#19}	---	---	<40	---	<1	---
PCB									
PCB 12	µg/L	-	-	---	---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---	---	<0.3	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---	---	<0.3	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---	---	<0.2	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---	---	<0.3	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---	---	<0.2	---	---
PCB 101	µg/L	-	-	---	---	---	<0.3	---	---
PCB 118 + PCB 123	mg/L	-	-	---	---	---	<0.0006	---	---
PCB 138	µg/L	-	-	---	---	---	<0.2	---	---
PCB 153	µg/L	-	-	---	---	---	<0.2	---	---
PCB 180	µg/L	-	-	---	---	---	<0.2	---	---
PCB 28 + PCB 31	µg/L	-	-	---	---	---	<0.3	---	---
PCB 52	µg/L	-	-	---	---	---	<0.2	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---	---	<0.2	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---	---	<0.3	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---	---	<0.5	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---	---	<0.3	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---	---	<0.2	---	---
Total PCB 7 Congeners	µg/L	-	-	---	---	---	<1	---	---
Total PCB WHO 12	µg/L	-	-	---	---	---	<1	---	---
PCBs (Sum of total)	µg/L	-	-	---	---	---	---	---	---
Solvents									
4-Methyl-2-pentanone	µg/L	-	-	---	---	---	---	---	---
Acetone	µg/L	-	-	---	---	---	---	---	---
Tetrahydrofuran	µg/L	-	-	---	---	---	---	---	---
Polybrominated Diphenyl Ethers									
BDE-100	ng/l	-	-	---	---	<0.26	---	---	---
BDE-153	ng/l	-	-	---	---	<0.25	---	---	---
BDE-154	ng/l	-	-	---	---	<0.28	---	---	---
BDE-183	ng/l	-	-	---	---	<0.45	---	---	---
BDE-28	ng/l	-	-	---	---	<0.3	---	---	---
BDE-47	ng/l	-	-	---	---	<0.19	---	---	---
BDE-99	ng/l	-	-	---	---	<0.33	---	---	---
Sum of selected BDE	ng/l	-	-	---	---	0	---	---	---
BDE-209	ng/l	-	-	---	---	<3.8	---	---	---
Organotins									
Dibutyltin	µg/L	-	-	---	---	---	---	---	---
Tetrabutyltin	µg/L	-	-	---	---	---	---	---	---
Tributyltin	µg/L	-	0.0002 ^{#19}	---	---	---	---	---	---
Triphenyltin	µg/L	-	0.0002 (MAC) ^{#37}	---	---	---	---	---	---
Alcohols									
Butyl alcohol, sec-	µg/L	-	-	---	---	---	---	---	---
1-Butanol	µg/L	-	-	---	---	---	---	---	---
Methyl Ethyl Ketone	µg/L	-	-	---	---	---	---	---	---
Ethanol	µg/L	-	-	---	---	---	---	---	---
Methanol	µg/L	-	-	---	---	---	---	---	---
Isobutanol	µg/L	-	-	---	---	---	---	---	---



Monitoring Unit				TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code				B-BH3	B-BH3	B-BH3	B-BH3	B-BH5	B-BH5	B-BH5	B-BH5
Well				S	S	S	S	S	S	S	S
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				24-08909	24-16103-1	721210	721210	23-25409	23-25409	24-01681-2	24-08448
Date				29 Apr 2024	30 Jul 2024	01 Feb 2024	01 Feb 2024	25 Oct 2023	25 Oct 2023	24 Jan 2024	23 Apr 2024
Depth				4.31 - 10.62	4.41 - 10.66	8 - 8	8 - 8	4.32 - 10.6	4.32 - 10.6	4.08 - 10.6	4.18 - 10.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
2-Propanol	µg/L	-	-	---	---	---	---	---	---	---	---
n-Heptanol	µg/L	-	-	---	---	---	---	---	---	---	---
n-Hexanol	µg/L	-	-	---	---	---	---	---	---	---	---
1-Propanol	µg/L	-	-	---	---	---	---	---	---	---	---
tert-Butyl alcohol	µg/L	12	12	---	---	---	---	---	---	---	---
Acetates											
n-Propyl Acetate	µg/L	-	-	---	---	---	---	---	---	---	---
1,2-butylacetate	µg/L	-	-	---	---	---	---	---	---	---	---
Ethyl acetate	µg/L	-	-	---	---	---	---	---	---	---	---
Iso-Propyl Acetate	µg/L	-	-	---	---	---	---	---	---	---	---
Methyl acetate	µg/L	-	-	---	---	---	---	---	---	---	---
Glycols											
1,3-Butanediol (filtered)	µg/L	-	-	---	---	<2,000	---	---	---	---	---
1,3-Propanediol (filtered)	µg/L	-	-	---	---	<2,000	---	---	---	---	---
1,4-Butanediol (filtered)	µg/L	-	-	---	---	<2,000	---	---	---	---	---
Diethylene glycol (filtered)	µg/L	-	-	---	---	<2,000	---	---	---	---	---
Ethylene glycol (filtered)	µg/L	-	-	---	---	<5,000	---	---	---	---	---
Propylene glycol (filtered)	µg/L	-	-	---	---	<5,000	---	---	---	---	---
Triethylene Glycol (filtered)	µg/L	-	-	---	---	<2,000	---	---	---	---	---
Pesticides											
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-Dichlorophenoxy Acetic Acid (D)	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-Dichloroprop	µg/L	-	-	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	µg/L	-	-	---	---	---	---	---	---	---	---
Actril (Ioxynil)	µg/L	-	10 ^{#20}	---	---	---	---	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---	---



Monitoring Unit				TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code				B-BH5	B-BH5	B-BH5	B-BH8	B-BH8	B-BH8	B-BH8	B-BH8
Well				S	S	S	S	S	S	S	S
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				24-16102-1	721210	721210	23-19248	23-25932-0	24-02007-2	24-08997	24-15497-1
Date				30 Jul 2024	01 Feb 2024	01 Feb 2024	07 Aug 2023	31 Oct 2023	29 Jan 2024	30 Apr 2024	24 Jul 2024
Depth				4.26 - 10.5	8.5 - 8.5	8.5 - 8.5	4.08 - 10.39	4.15 - 10.3	4 - 10.3	4.09 - 10.29	4.16 - 10.3
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	<10	<10	---	11	<10	<10	12	<10
Antimony (filtered)	µg/L	5 ^{#1}	-	0.2	---	---	0.82	0.35	0.31	0.19	0.35
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	3.4	3.38	---	7.7	9.6	6.9	7.5	8.2
Barium (filtered)	µg/L	1,300 ^{#2}	-	54	---	---	68	110	89	98	66
Beryllium (filtered)	µg/L	-	-	<0.1	---	---	<0.1	<0.1	<0.1	<0.1	<0.1
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	360	506	---	200	260	260	240	220
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	<0.03	<0.08	---	<0.03	<0.03	<0.03	<0.03	<0.03
Calcium (filtered)	mg/L	-	-	120	60.5	---	140	230	190	250	230
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	<7	---	---	<7	<7	<7	<7	<7
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	<30	---	---	---	---	---	---
Chromium	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	<1	---	---	---	---	---	---
Chromium (Trivalent) (filtered)	µg/L	-	-	<1	---	---	<1	<1	<1	<1	<1
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	0.5	<0.3	---	<0.4	<0.4	<0.4	<0.4	<0.4
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	<50	---	---	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	152	---	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	18	<19	---	6.2	47	11	22	16
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	<0.09	<0.2	---	<0.09	<0.09	<0.09	0.1	<0.09
Magnesium	mg/L	-	-	---	---	---	---	---	---	---	---
Magnesium (filtered)	mg/L	-	-	37	42.2	---	2.4	4.2	5.2	4.4	4.6
Manganese	µg/L	50 ^{#1}	-	---	209	---	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	180	173	---	5.4	470	270	310	290
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	<0.01	<0.01	---	<0.01	<0.01	<0.01	<0.01	0.01
Molybdenum (filtered)	µg/L	70 ^{#3}	-	28	20.1	---	28	27	28	34	32
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	1.7	1.36	---	1.4	0.8	1.9	0.8	1
Potassium (filtered)	mg/L	-	-	77	69.9	---	49	66	50	52	49
Selenium (filtered)	µg/L	10 ^{#1}	-	<0.25	<1	---	0.74	<0.25	<0.25	0.28	0.66
Silicon (filtered)	µg/L	-	-	---	2,140	---	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	320	410	---	200	170	130	140	130
Tin (filtered)	µg/L	-	10 ^{#25}	<0.4	---	---	<0.4	<0.4	<0.4	<0.4	<0.4
Titanium (filtered)	µg/L	-	-	<0.3	---	---	<0.3	0.3	0.5	<0.3	<0.3
Vanadium (filtered)	µg/L	-	100 ^{#26}	<0.6	<1	---	7.7	<0.6	1.2	<0.6	<0.6
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	16	2.48	---	3.6	5.4	20	16	29
Inorganics											
Total Hardness	mg/l	-	-	441	---	---	349	599	495	636	600
Alkalinity (Bicarbonate as CaCO3)	mg/L	-	-	---	113	---	---	---	---	---	---
Alkalinity (Bicarbonate as CaCO3) (filtered)	mg/L	-	-	---	117	---	---	---	---	---	---
Alkalinity (Bicarbonate) as HCO3	mg/L	-	-	---	---	---	---	---	---	---	---
Alkalinity (total) as CaCO3	mg/L	-	-	---	113	---	41	61	---	---	---
Alkalinity (total) as CaCO3 (filtered)	mg/L	-	-	---	117	---	---	---	---	---	---
Carbonate	µg/L	-	-	75,000	---	---	41,000	---	51,000	78,000	57,000
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	6.5	---	---	5.5	6.4	5.8	6.5	6.5
Inorganic Nitrogen (filtered)	mg/l	-	-	---	5.51	---	---	---	---	---	---
Sulphate total (%) (filtered)	%	0.025 (SO4) ^{#5}	-	---	0.0147	---	---	---	---	---	---
Ammonia	mg/L	-	0.021 ^{#19}	---	6.69	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	5	5.51	---	4.3	5	4.5	5.1	5
Nitrate (as N)	mg/L	-	-	---	---	---	<0.1	---	<0.1	<0.1	---
Nitrogen (Total)	µg/L	-	-	---	---	---	---	---	---	---	---
Nitrite (as N)	mg/L	-	-	---	---	---	<0.035	<0.035	<0.035	<0.035	---
Chloride	mg/L	250 ^{#1}	-	450	---	---	280	190	170	170	160
Chloride (filtered)	mg/L	250 ^{#1}	-	---	697	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	<100	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	<20	---	---	0.6	0.4	0.6	3.2	<20
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	<50	3.98	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	52	---	---	7.2	11	11	12	<40
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	27.1	---	---	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	<40	---	---	6.7	10	10	8.9	20
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#6}	-	0.59	---	---	---	7.6	---	---	27
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#6}	-	---	<0.3	---	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#7}	-	3.4	---	---	---	---	---	---	18



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		B-BH5	B-BH5	B-BH5	B-BH8	B-BH8	B-BH8	B-BH8	B-BH8
Well		S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		24-16102-1	721210	721210	23-19248	23-25932-0	24-02007-2	24-08997	24-15497-1
Date		30 Jul 2024	01 Feb 2024	01 Feb 2024	07 Aug 2023	31 Oct 2023	29 Jan 2024	30 Apr 2024	24 Jul 2024
Depth		4.26 - 10.5	8.5 - 8.5	8.5 - 8.5	4.08 - 10.39	4.15 - 10.3	4 - 10.3	4.09 - 10.29	4.16 - 10.3
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#7}	-	---	<0.05	---	---	---	---
Sulphate	mg/L	250 (SO4) ^{#5}	-	420	---	420	560	530	770
Sulphate (filtered)	mg/L	250 (SO4) ^{#5}	-	---	442	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	7.4	7.89	---	8.7	---	8.4
Sulphur as S	mg/L	-	-	260	160	---	280	220	250
Sulphide	µg/L	-	10 (MAC) ^{#29}	23	---	38	170	29	<10
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	<10	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	2,600	---	<20	61	70	78
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	4,560	---	---	---	64
Ortho phosphate as PO4	mg/l	-	-	<0.03	---	<0.01	0.2	<0.03	0.22
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	0.05	---	---	---	<0.03
Ionic Balance	%	-	-	92	-8.12	---	85	98	108
Orthophosphate as P (filtered)	mg/l	-	-	---	---	---	---	---	107
Silica	µg/L	-	-	3,800	---	4,300	5,700	5,300	6,500
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	1,800	---	<5,000	<5,000	<5,000	<5,000
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	2,260	---	---	---	9,700
Other									
Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---
Dissolved Inorganic Carbon (filtered)	µg/L	-	-	---	23,500	---	---	---	---
Inorganic Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---
Dissolved Organic Carbon (filtered)	µg/L	-	-	3,300	5,210	10,000	6,100	6,200	4,700
Solids, Suspended	mg/L	-	-	---	---	9.5	<5	---	---
Total Dissolved Solids	mg/L	-	-	---	---	---	---	---	---
Total Suspended Solids	mg/L	-	-	<5	25	9.5	---	210	12
TPH CWG									
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<0.1	<10	---	<0.1	<0.1	<0.1
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	<0.1	<10	---	<0.1	<0.1	<0.1
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	<0.1	<10	---	<0.1	<0.1	<0.1
>C10-C44 Aliphatics	µg/L	-	-	<1	---	18	---	<1	<1
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<1	<10	<1	16	<1	<1
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	<1	<10	<1	35	<1	<1
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	<1	<10	8.6	21	<1	<1
>C16-C35 Aliphatics	µg/L	-	-	---	---	17.1	22	---	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	<1	<10	8.5	<1	<1	<1
Total Aliphatics & Aromatics >C12-C35	µg/L	-	-	---	<10	---	---	---	---
>C35-C40 Aliphatics	µg/L	-	-	---	---	---	<1	---	---
>C35-C44 Aliphatics	µg/L	-	-	<1	---	<1	---	<1	<1
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---
Total Aliphatics >C5-C40	µg/L	-	-	---	---	---	72	---	---
Total Aliphatics >C12-C35	µg/L	-	-	---	<10	---	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	<0.1	---	<0.1	<0.1	<0.1	<0.1
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<0.1	<10	<0.1	<0.1	<0.1	<0.1
>EC10-EC44 Aromatics	µg/L	-	-	<1	---	33	---	<1	<1
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	<0.1	<10	<0.1	<0.1	<0.1	<0.1
>EC6-EC7 Aromatics	µg/L	-	-	---	<10	---	---	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	<1	<10	3.3	12	<1	<1
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	<1	<10	3.5	25	<1	<1
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	<1	<10	13	35	<1	<1
>EC35-EC40 Aromatics	µg/L	-	-	---	---	---	4.7	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	<1	<10	13	69	<1	<1
>EC35-EC44 Aromatics	µg/L	-	-	<1	---	<1	---	<1	<1
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	<1	---	51	---	<1	<1
Total Aromatics >EC5-EC40	µg/L	-	-	---	---	---	140	---	---
Total Aromatics >EC12-EC35	µg/L	-	-	---	<50	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	<10	---	---	---	---
TPH >C5-C40 Aliphatics/Aromatics	µg/L	-	-	---	---	---	220	---	---
TPH >C5-C44 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	<10	---	100.9	---	<10	<10
TPH									
EPH >C10-40	µg/L	-	-	54	---	130	36	70	44
GRO >C5-12	µg/L	-	-	---	---	---	---	---	<10
GRO C5-C10	µg/L	-	-	<1	<50	<1	<1	<1	<1
BTEx and MTBE									
Benzene	µg/L	1 ^{#1}	8 ^{#19}	<1	<1	<1	<1	<1	<1
Toluene	µg/L	700 ^{#2}	74 ^{#19}	<1	<1	<5	<1	<5	<1
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	<1	<1	<5	<1	<5	<1
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	---	<1	<10	<2	<10	---
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	---	<1	<5	<1	<5	---
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	<1	<2	<15	<3	---	<1
MTBE	µg/L	15 ^{#10}	15 ^{#10}	---	<1	<10	<1	<10	---
Total BTEx	µg/L	-	-	---	<5	---	---	---	---



				Monitoring Unit	TFD	TFD	TFD	TFD	TFD	TFD	TFD
				Location Code	B-BH5	B-BH5	B-BH5	B-BH8	B-BH8	B-BH8	B-BH8
				Well	S	S	S	S	S	S	S
				Matrix Type	Water	Water	Water	Water	Water	Water	Water
				Lab Report Number	24-16102-1	721210	721210	23-19248	23-25932-0	24-02007-2	24-08997
				Date	30 Jul 2024	01 Feb 2024	01 Feb 2024	07 Aug 2023	31 Oct 2023	29 Jan 2024	30 Apr 2024
				Depth	4.26 - 10.5	8.5 - 8.5	8.5 - 8.5	4.08 - 10.39	4.15 - 10.3	4 - 10.3	4.09 - 10.29



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		B-BH5	B-BH5	B-BH5	B-BH8	B-BH8	B-BH8	B-BH8	B-BH8
Well		S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		24-16102-1	721210	721210	23-19248	23-25932-0	24-02007-2	24-08997	24-15497-1
Date		30 Jul 2024	01 Feb 2024	01 Feb 2024	07 Aug 2023	31 Oct 2023	29 Jan 2024	30 Apr 2024	24 Jul 2024
Depth		4.26 - 10.5	8.5 - 8.5	8.5 - 8.5	4.08 - 10.39	4.15 - 10.3	4 - 10.3	4.09 - 10.29	4.16 - 10.3
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	---	<1	---	<10	<1	---
Chloromethane	µg/L	-	-	---	<1	---	<10	<1	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	<1	---	<10	<1	---
Dibromomethane	µg/L	-	-	---	<1	---	<10	<1	---
Dichlorodifluoromethane	µg/L	-	-	---	<1	---	<10	<1	---
Dichloromethane	µg/L	-	20 ^{#19}	---	<3	---	<270	<27	---
Isopropylbenzene	µg/L	-	-	---	<1	---	<10	<1	---
n-butylbenzene	µg/L	-	-	---	<1	---	<10	<1	---
n-propylbenzene	µg/L	-	-	---	<1	---	<10	<1	---
p-isopropyltoluene	µg/L	-	-	---	<1	---	<10	<1	---
sec-butylbenzene	µg/L	-	-	---	<1	---	<10	<1	---
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	<1	---	<10	<1	---
tert-butylbenzene	µg/L	-	-	---	<1	---	<10	<1	---
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	<1	---	<10	<1	---
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	<1	---	<10	<1	---
Trichlorofluoromethane	µg/L	-	-	---	<1	---	<10	<1	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	<1	---	<10	<1	---
tert-Amyl methyl ether	µg/L	-	-	---	<1	---	<5	<5	---
VOC/SVOC									
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1	---	<10	<1	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1	---	<1	<1	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1	---	<10	<1	---
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1	---	---	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1	---	<20	<2	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1	---	<10	<1	---
Chlorobenzene	µg/L	100 ^{#18}	-	---	<1	---	<10	<1	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	---	<1	---	<10	<1	---
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	---	<11	<2	---
SVOC									
1,4-dinitrobenzene	µg/L	-	-	---	---	---	<1	<1	---
Benzyl alcohol	µg/L	-	-	---	---	---	<1	<1	---
4-bromophenyl phenyl ether	µg/L	-	-	---	<20	---	<1	<1	---
4-nitroaniline	µg/L	-	-	---	<20	---	<1	<1	---
4-nitrophenol	µg/L	-	-	---	<20	---	<1	<1	---
catechol (o-dihydroxybenzene) (filtered)	µg/L	-	-	---	<10	---	---	---	---
1,3-Dinitrobenzene	µg/L	-	-	---	---	---	<1	<1	---
1-Methylnaphthalene	µg/L	-	-	---	---	---	<1	<1	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	---	---	<1	<1	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	---	---	<1	<1	---
2,3,5-Trimethylphenol (filtered)	µg/L	-	-	---	<3	---	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	---	<20	---	<1	<1	---
2,4,6-trichlorophenol	µg/L	-	-	---	<20	---	<0.1	<0.1	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	---	<20	---	<0.1	<0.1	---
2,4-dimethylphenol	µg/L	-	-	---	<20	---	<0.1	<0.1	---
2,4-dinitrotoluene	µg/L	-	-	---	<20	---	<1	<1	---
2,6-dichlorophenol	µg/L	-	-	---	---	---	<0.1	<0.1	---
2,6-Dimethylphenol	µg/L	-	-	---	---	---	<0.1	<0.1	---
2,6-dinitrotoluene	µg/L	-	-	---	<20	---	<1	<1	---
2-chloronaphthalene	µg/L	-	-	---	<20	---	<1	<1	---
2-chlorophenol	µg/L	-	50 ^{#20}	---	<20	---	<1	<1	---
2-Isopropylphenol (filtered)	µg/L	-	-	---	<6	---	---	---	---
2-methylnaphthalene	µg/L	-	-	---	<20	---	<1	<1	---
2-methylphenol	µg/L	-	-	---	<20	---	<1	<1	---
2-nitroaniline	µg/L	-	-	---	<20	---	<1	<1	---
2-nitrophenol	µg/L	-	-	---	<20	---	---	---	---
3-nitroaniline	µg/L	-	-	---	<20	---	<1	<1	---
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	---	<20	---	<0.1	<0.1	---
4-chloroaniline	µg/L	-	-	---	<20	---	---	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	<20	---	<1	<1	---
4-methylphenol	µg/L	-	-	---	<20	---	<0.1	<0.1	---
Aniline	µg/L	-	-	---	---	---	<1	<1	---
Azobenzene	µg/L	-	-	---	<20	---	<1	<1	---
Bis(2-chloroethoxy) methane	µg/L	-	-	---	<20	---	<1	<1	---
Bis(2-chloroethyl)ether	µg/L	-	-	---	<20	---	---	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	<1	<1	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	<40	---	<1	<1	---
Bis(2-ethylhexyl)ester	µg/L	-	-	---	---	---	<1	<1	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	<20	---	<1	<1	---



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		B-BH5	B-BH5	B-BH5	B-BH8	B-BH8	B-BH8	B-BH8	B-BH8
Well		S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		24-16102-1	721210	721210	23-19248	23-25932-0	24-02007-2	24-08997	24-15497-1
Date		30 Jul 2024	01 Feb 2024	01 Feb 2024	07 Aug 2023	31 Oct 2023	29 Jan 2024	30 Apr 2024	24 Jul 2024
Depth		4.26 - 10.5	8.5 - 8.5	8.5 - 8.5	4.08 - 10.39	4.15 - 10.3	4 - 10.3	4.09 - 10.29	4.16 - 10.3
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Carbazole	µg/L	-	-	---	<20	---	<1	<1	---
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	---	<1	---	---
Dibenzofuran	µg/L	-	-	---	<20	---	<1	<1	---
Diethylphthalate	µg/L	-	200 ^{#20}	---	<20	---	<1	<1	---
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	<20	---	<1	<1	---
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	<20	---	<1	<1	---
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	<100	---	<1	<1	---
Diphenylamine	µg/L	-	-	---	---	---	<1	<1	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	---	<20	---	<1	<1	---
Hexachlorocyclopentadiene	µg/L	-	-	---	<20	---	<1	<1	---
Hexachloroethane	µg/L	-	-	---	<20	---	---	---	---
Isophorone	µg/L	-	-	---	<20	---	---	---	---
Nitrobenzene	µg/L	-	-	---	<20	---	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	---	<20	---	---	---	---
Pentachlorophenol	µg/L	-	0.4 ^{#19}	---	<20	---	<1	<1	---
PCB									
PCB 12	µg/L	-	-	---	---	---	<1	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---	---	<0.3	<0.3	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---	---	<0.3	<0.3	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---	---	<0.2	<0.2	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---	---	<0.3	<0.3	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---	---	<0.2	<0.2	---
PCB 101	µg/L	-	-	---	---	---	<0.3	<0.3	---
PCB 118 + PCB 123	mg/L	-	-	---	---	---	<0.0006	<0.0006	---
PCB 138	µg/L	-	-	---	---	---	<0.2	<0.2	---
PCB 153	µg/L	-	-	---	---	---	<0.2	<0.2	---
PCB 180	µg/L	-	-	---	---	---	<0.2	<0.2	---
PCB 28 + PCB 31	µg/L	-	-	---	---	---	<0.3	<0.3	---
PCB 52	µg/L	-	-	---	---	---	<0.2	<0.2	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---	---	<0.2	<0.2	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---	---	<0.3	<0.3	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---	---	<0.5	<0.5	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---	---	<0.3	<0.3	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---	---	<0.2	<0.2	---
Total PCB 7 Congeners	µg/L	-	-	---	---	---	<1	<1	---
Total PCB WHO 12	µg/L	-	-	---	---	---	<1	<1	---
PCBs (Sum of total)	µg/L	-	-	---	---	---	<1	---	---
Solvents									
4-Methyl-2-pentanone	µg/L	-	-	---	---	---	---	---	---
Acetone	µg/L	-	-	---	---	---	---	---	---
Tetrahydrofuran	µg/L	-	-	---	---	---	---	---	---
Polybrominated Diphenyl Ethers									
BDE-100	ng/l	-	-	---	<0.34	---	---	---	---
BDE-153	ng/l	-	-	---	<0.27	---	---	---	---
BDE-154	ng/l	-	-	---	<0.3	---	---	---	---
BDE-183	ng/l	-	-	---	<0.35	---	---	---	---
BDE-28	ng/l	-	-	---	<0.34	---	---	---	---
BDE-47	ng/l	-	-	---	<0.26	---	---	---	---
BDE-99	ng/l	-	-	---	<0.42	---	---	---	---
Sum of selected BDE	ng/l	-	-	---	0	---	---	---	---
BDE-209	ng/l	-	-	---	<3.1	---	---	---	---
Organotins									
Dibutyltin	µg/L	-	-	---	---	---	---	---	---
Tetrabutyltin	µg/L	-	-	---	---	---	---	---	---
Tributyltin	µg/L	-	0.0002 ^{#19}	---	---	---	---	---	---
Triphenyltin	µg/L	-	0.0002 (MAC) ^{#37}	---	---	---	---	---	---
Alcohols									
Butyl alcohol, sec-	µg/L	-	-	---	---	---	---	---	---
1-Butanol	µg/L	-	-	---	---	---	---	---	---
Methyl Ethyl Ketone	µg/L	-	-	---	---	---	---	---	---
Ethanol	µg/L	-	-	---	---	---	---	---	---
Methanol	µg/L	-	-	---	---	---	---	---	---
Isobutanol	µg/L	-	-	---	---	---	---	---	---



Monitoring Unit				TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code				B-BH5	B-BH5	B-BH5	B-BH8	B-BH8	B-BH8	B-BH8	B-BH8
Well				S	S	S	S	S	S	S	S
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				24-16102-1	721210	721210	23-19248	23-25932-0	24-02007-2	24-08997	24-15497-1
Date				30 Jul 2024	01 Feb 2024	01 Feb 2024	07 Aug 2023	31 Oct 2023	29 Jan 2024	30 Apr 2024	24 Jul 2024
Depth				4.26 - 10.5	8.5 - 8.5	8.5 - 8.5	4.08 - 10.39	4.15 - 10.3	4 - 10.3	4.09 - 10.29	4.16 - 10.3
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
2-Propanol	µg/L	-	-	---	---	---	---	---	---	---	---
n-Heptanol	µg/L	-	-	---	---	---	---	---	---	---	---
n-Hexanol	µg/L	-	-	---	---	---	---	---	---	---	---
1-Propanol	µg/L	-	-	---	---	---	---	---	---	---	---
tert-Butyl alcohol	µg/L	12	12	---	---	---	---	---	---	---	---
Acetates											
n-Propyl Acetate	µg/L	-	-	---	---	---	---	---	---	---	---
1,2-butylacetate	µg/L	-	-	---	---	---	---	---	---	---	---
Ethyl acetate	µg/L	-	-	---	---	---	---	---	---	---	---
Iso-Propyl Acetate	µg/L	-	-	---	---	---	---	---	---	---	---
Methyl acetate	µg/L	-	-	---	---	---	---	---	---	---	---
Glycols											
1,3-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
1,3-Propanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
1,4-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Diethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Ethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Propylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Triethylene Glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Pesticides											
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-Dichlorophenoxy Acetic Acid (D)	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-Dichloroprop	µg/L	-	-	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	µg/L	-	-	---	---	---	---	---	---	---	---
Acril (Ioxynil)	µg/L	-	10 ^{#20}	---	---	---	---	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---	---

Monitoring Unit				TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code				B-BH8	B-BH8	B-BH9	B-BH9	B-BH9	B-BH9	B-BH9	B-BH9
Well				S	S	S	S	S	S	S	S
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				703109	703109	23-19411	23-26022-0	24-02007-2	24-08997	24-15497-1	703108
Date				15 Aug 2023	15 Aug 2023	10 Aug 2023	30 Oct 2023	29 Jan 2024	30 Apr 2024	24 Jul 2024	15 Aug 2023
Depth				0 - 0	0 - 0	4.13 - 10.23	4.21 - 10.19	3.93 - 10.19	4.1 - 10	4.18 - 10	0 - 0
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	12	---	78	13	<10	22	14	<100
Antimony (filtered)	µg/L	5 ^{#1}	-	---	---	0.44	0.18	<0.17	<0.17	0.17	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	5.34	---	1.9	1.3	2.1	0.8	3.2	7.51
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	---	110	160	120	100	68	---
Beryllium (filtered)	µg/L	-	-	---	---	<0.1	<0.1	<0.1	<0.1	<0.1	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	237	---	1,300	1,400	1,100	1,400	1,500	3,030
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	<0.08	---	<0.03	<0.03	<0.03	<0.03	<0.03	<0.8
Calcium (filtered)	mg/L	-	-	156	---	410	560	510	480	490	447
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	---	<7	<7	<7	<7	<7	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	<30	---	---	---	---	---	---	<30
Chromium	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	<1	---	---	---	---	---	---	<10
Chromium (Trivalent) (filtered)	µg/L	-	-	---	---	<1	<1	<1	<1	<1	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	<0.3	---	<0.4	1.2	<0.4	0.9	<0.4	<3
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	<50	---	---	---	---	---	---	260
Ferrous Iron	µg/L	-	1,000 ^{#23}	<100	---	---	---	---	---	---	7,840
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	<19	---	1,500	5,500	8,300	1,600	63	8,100
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	<0.2	---	<0.09	<0.09	0.18	0.16	<0.09	<2
Magnesium	mg/L	-	-	---	---	---	---	---	---	---	---
Magnesium (filtered)	mg/L	-	-	3.99	---	470	740	500	650	640	744
Manganese	µg/L	50 ^{#1}	-	---	---	---	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	71.9	---	670	710	1,000	710	850	1,140
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	<0.01	---	<0.01	0.02	0.03	<0.01	<0.01	<0.01
Molybdenum (filtered)	µg/L	70 ^{#3}	-	25.7	---	17	8.1	7.2	6.4	5.8	<30
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	3.02	---	0.9	1.6	1.9	3.7	1.6	<4
Potassium (filtered)	mg/L	-	-	57.5	---	46	280	58	250	240	274
Selenium (filtered)	µg/L	10 ^{#1}	-	<1	---	<0.25	<0.25	<0.25	<0.25	<0.25	<10
Silicon (filtered)	µg/L	-	-	3,390	---	---	---	---	---	---	2,850
Sodium (filtered)	mg/L	200 ^{#1}	-	193	---	5,500	5,900	5,500	5,600	6,500	7,140
Tin (filtered)	µg/L	-	10 ^{#25}	---	---	<0.4	<0.4	<0.4	<0.4	<0.4	---
Titanium (filtered)	µg/L	-	-	---	---	<0.3	<0.3	<0.3	0.4	0.7	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	---	<0.6	<0.6	0.8	<0.6	<0.6	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	1.29	---	4	27	42	110	12	<10
Inorganics											
Total Hardness	mg/l	-	-	---	---	2,930	4,430	3,340	3,890	3,840	---
Alkalinity (Bicarbonate as CaCO3)	mg/L	-	-	72.6	---	---	---	---	---	---	279
Alkalinity (Bicarbonate as CaCO3) (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Alkalinity (Bicarbonate) as HCO3	mg/L	-	-	---	---	---	---	---	---	---	---
Alkalinity (total) as CaCO3	mg/L	-	-	72.6	---	220	250	---	---	---	279
Alkalinity (total) as CaCO3 (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Carbonate	µg/L	-	-	---	---	220,000	---	200,000	260,000	310,000	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	---	1.7	2.5	2.6	3	2.6	---
Inorganic Nitrogen (filtered)	mg/l	-	-	5.46	---	---	---	---	---	---	2
Sulphate total (%) (filtered)	%	0.025 (SO4) ^{#5}	-	---	---	---	---	---	---	---	---
Ammonia	mg/L	-	0.021 ^{#19}	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	---	---	1.3	2	2	2.4	2	---
Nitrate (as N)	mg/L	-	-	---	---	<0.1	<0.1	<0.1	<0.1	<0.1	---
Nitrogen (Total)	µg/L	-	-	5,460	---	---	---	---	---	---	2,000
Nitrite (as N)	mg/L	-	-	---	---	<0.035	<0.035	<0.035	<0.035	<0.035	---
Chloride	mg/L	250 ^{#1}	-	---	---	11,000	10,000	8,700	11,000	12,000	---
Chloride (filtered)	mg/L	250 ^{#1}	-	277	---	---	---	---	---	---	12,700
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	---	0.8	0.2	0.3	0.5	<20	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	<2.5	---	---	---	---	---	---	<2.5
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	---	2.3	3.2	3.2	2.2	<40	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	6.69	---	---	---	---	---	---	<5
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	---	1.5	3	2.9	1.7	20	---
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	5.85	---	---	---	---	---	---	<5
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#6}	-	---	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#6}	-	<0.3	---	---	---	---	---	---	<0.3
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#7}	-	---	---	---	---	---	---	---	---



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		B-BH8	B-BH8	B-BH9	B-BH9	B-BH9	B-BH9	B-BH9	B-BH9
Well		S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		703109	703109	23-19411	23-26022-0	24-02007-2	24-08997	24-15497-1	703108
Date		15 Aug 2023	15 Aug 2023	10 Aug 2023	30 Oct 2023	29 Jan 2024	30 Apr 2024	24 Jul 2024	15 Aug 2023
Depth		0 - 0	0 - 0	4.13 - 10.23	4.21 - 10.19	3.93 - 10.19	4.1 - 10	4.18 - 10	0 - 0
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#7}	-	<0.05	---	---	---	---	<0.05
Sulphate	mg/L	250 (SO4) ^{#5}	-	---	---	2,100	1,800	2,300	2,500
Sulphate (filtered)	mg/L	250 (SO4) ^{#5}	-	434	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	8.22	---	7.5	---	7.5	6.7
Sulphur as S	mg/L	-	-	470	---	960	1,000	79	940
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	---	45	29	39	36
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	<10	---	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	---	---	<20	<20	<20	<20
Thiocyanate (as SCN) (filtered)	µg/L	-	-	50	---	---	---	---	---
Ortho phosphate as PO4	mg/l	-	-	---	---	<0.01	<0.03	<0.03	<0.03
Ortho phosphate as PO4 (filtered)	mg/l	-	-	<0.05	---	---	---	---	---
Ionic Balance	%	-	-	0.458	---	120	95	97	111
Orthophosphate as P (filtered)	mg/l	-	-	---	---	---	---	---	---
Silica	µg/L	-	-	---	---	1,200	5,100	5,600	4,700
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	<100	<100	120,000	<10,000
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	850	---	---	---	---	130,000
Other									
Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---
Dissolved Inorganic Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---
Inorganic Carbon (filtered)	µg/L	-	-	12,800	---	---	---	---	---
Dissolved Organic Carbon (filtered)	µg/L	-	-	9,770	---	6,600	8,400	7,800	6,700
Solids, Suspended	mg/L	-	-	---	---	35	45	---	---
Total Dissolved Solids	mg/L	-	-	---	---	---	---	---	---
Total Suspended Solids	mg/L	-	-	61.4	---	35	---	23	30
TPH CWG									
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<10	---	<0.1	<0.1	<0.1	<0.1
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	<10	---	<0.1	<0.1	<0.1	<0.1
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	<10	---	<0.1	<0.1	<0.1	<0.1
>C10-C44 Aliphatics	µg/L	-	-	---	---	<1	---	<1	<1
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<10	---	<1	<1	<1	<1
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	<10	---	<1	<1	<1	<1
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	<10	---	<1	<1	<1	<1
>C16-C35 Aliphatics	µg/L	-	-	<10	---	<2	<2	---	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	<10	---	<1	<1	<1	<1
Total Aliphatics & Aromatics >C12-C35	µg/L	-	-	---	---	---	---	---	---
>C35-C40 Aliphatics	µg/L	-	-	---	---	---	<1	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	---	<1	---	<1	<1
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---
Total Aliphatics >C5-C40	µg/L	-	-	---	---	---	<10	---	---
Total Aliphatics >C12-C35	µg/L	-	-	<10	---	---	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	---	<0.1	<0.1	<0.1	<0.1
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<10	---	<0.1	<0.1	<0.1	<0.1
>EC10-EC44 Aromatics	µg/L	-	-	---	---	<1	<1	<1	<1
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	<10	---	<0.1	<0.1	<0.1	<0.1
>EC6-EC7 Aromatics	µg/L	-	-	<10	---	---	---	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	<10	---	<1	<1	<1	<1
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	<10	---	<1	<1	<1	<1
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	<10	---	<1	<1	<1	<1
>EC35-EC40 Aromatics	µg/L	-	-	---	---	<1	<1	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	<10	---	<1	<1	<1	<1
>EC35-EC44 Aromatics	µg/L	-	-	---	---	<1	<1	<1	<1
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	---	<1	---	<1	<1
Total Aromatics >EC5-EC40	µg/L	-	-	---	---	---	<10	---	---
Total Aromatics >EC12-EC35	µg/L	-	-	<10	---	---	---	---	<10
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	<10	---	---	---	---	<10
TPH >C5-C40 Aliphatics/Aromatics	µg/L	-	-	---	---	---	<10	---	---
TPH >C5-C44 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	---	<10	---	<10	<10
TPH									
EPH >C10-40	µg/L	-	-	---	---	290	320	180	120
GRO >C5-12	µg/L	-	-	<50	---	---	---	---	<10
GRO C5-C10	µg/L	-	-	---	---	<1	<1	<1	<1
BTEX and MTBE									
Benzene	µg/L	1 ^{#1}	8 ^{#19}	<1	---	<1	<1	<1	<1
Toluene	µg/L	700 ^{#2}	74 ^{#19}	<1	---	<1	<1	<5	<1
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	<1	---	<1	<1	<5	<1
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	<1	---	<2	<2	<10	---
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	<1	---	<1	<1	<5	---
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	<2	---	<3	<3	---	<1
MTBE	µg/L	15 ^{#10}	15 ^{#10}	<1	---	<1	<1	<10	---
Total BTEX	µg/L	-	-	<5	---	---	---	---	<5



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		B-BH8	B-BH8	B-BH9	B-BH9	B-BH9	B-BH9	B-BH9	B-BH9
Well		S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		703109	703109	23-19411	23-26022-0	24-02007-2	24-08997	24-15497-1	703108
Date		15 Aug 2023	15 Aug 2023	10 Aug 2023	30 Oct 2023	29 Jan 2024	30 Apr 2024	24 Jul 2024	15 Aug 2023
Depth		0 - 0	0 - 0	4.13 - 10.23	4.21 - 10.19	3.93 - 10.19	4.1 - 10	4.18 - 10	0 - 0
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
PAH									
Naphthalene	µg/L	-	2 ^{#19}	0.0232	<1	<0.05	<0.05	<0.05	<0.05
Acenaphthene	µg/L	-	-	<0.005	---	<0.01	0.01	<0.01	<0.1
Acenaphthylene	µg/L	-	-	<0.005	---	<0.01	<0.01	<0.01	<0.1
Fluoranthene	µg/L	-	0.0063 ^{#19}	<0.005	---	<0.01	<0.01	0.01	<0.1
Anthracene	µg/L	-	0.1 ^{#19}	<0.005	---	<0.01	<0.01	<0.01	<0.1
Phenanthrene	µg/L	-	-	<2	0.0129	<0.01	0.02	<0.01	0.21
Fluorene	µg/L	-	-	<0.005	---	<0.01	<0.01	<0.01	<0.1
Chrysene	µg/L	-	-	<0.005	---	<0.01	<0.01	<0.01	<0.1
Pyrene	µg/L	-	-	<0.005	---	<0.01	<0.01	0.01	<0.1
Benzo(a)anthracene	µg/L	-	-	<0.005	---	<0.01	<0.01	<0.01	<0.1
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.005	---	<0.01	<0.01	<0.01	<0.1
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.005	---	<0.01	<0.01	<0.01	<0.1
Benzo(b+k)fluoranthene	µg/L	-	-	---	---	<0.02	<0.02	---	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	<0.002	---	<0.01	<0.01	<0.01	<0.1
Dibenz(a,h)anthracene	µg/L	-	-	<0.005	---	<0.01	<0.01	<0.01	<0.1
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.005	---	<0.01	<0.01	<0.01	<0.1
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.005	---	<0.01	<0.01	<0.01	<0.1
PAH 16 Total	µg/L	-	-	<0.082	---	<0.2	<0.2	<0.2	<2
Phenolics									
Total Phenols (monohydric)	µg/L	-	-	---	---	<100	<100	<100	<100
Total Phenols of 8 Speciated (filtered)	µg/L	-	-	<45	---	---	---	---	<45
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	<1	<1	---	---
Xylenols	µg/L	-	-	---	---	<0.1	---	---	---
Xylenols (filtered)	µg/L	-	-	<8	---	---	---	---	<8
1-naphthol (filtered)	µg/L	-	-	<10	---	---	---	---	<10
Cresol Total (filtered)	µg/L	-	-	<6	---	---	---	---	<6
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	<2	---	<0.1	2.3	---	<4
Phenol (filtered)	µg/L	5,800 ^{#12}	7.7 ^{#19}	<2	---	---	---	---	<2
Resorcinol (m-dihydroxybenzene) (filtered)	µg/L	-	-	<10	---	---	---	---	<10
Phenols Monohydric	µg/L	-	-	---	---	<100	---	---	---
VOC									
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---	<2	<2	---	---
Styrene	µg/L	-	50 ^{#20}	<1	---	<1	<1	---	<1
cis-1,3-dichloropropene	µg/L	-	-	<1	---	<1	<1	---	<1
trans-1,3-dichloropropene	µg/L	-	-	<1	---	<1	<1	---	<1
1,1,1,2-tetrachloroethane	µg/L	-	-	<1	---	<1	<1	---	<1
n-Pentanol	µg/L	-	-	---	---	---	---	---	---
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	<1	---	<1	<1	---	<1
1,1,2,2-tetrachloroethane	µg/L	-	-	<1	---	<1	<1	---	<1
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	<1	---	<1	<1	---	<1
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	<1	---	<1	<1	---	<1
1,1-dichloroethene	µg/L	140 ^{#14}	-	<1	---	<1	<1	---	<1
1,1-dichloropropene	µg/L	-	-	<1	---	<1	<1	---	<1
1,2,3-trichloropropane	µg/L	-	-	<1	---	<1	<1	---	<1
1,2,4-trimethylbenzene	µg/L	-	-	<1	---	<1	<1	---	<1
1,2-dibromo-3-chloropropane	µg/L	-	-	<1	---	<1	<1	---	<1
1,2-dibromoethane	µg/L	-	-	<1	---	<1	<1	---	<1
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	<1	---	<1	<1	---	<1
1,3-Dichloropropene	µg/L	-	-	---	---	---	---	---	---
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---	<2	<2	---	---
1,2-dichloropropane	µg/L	-	-	<1	---	<1	<1	---	<1
1,3,5-trimethylbenzene	µg/L	-	-	<1	---	<1	<1	---	<1
1,3-dichloropropane	µg/L	-	-	<1	---	<1	<1	---	<1
2,2-dichloropropane	µg/L	-	-	<1	---	<2	<2	---	<1
Trihalomethanes	µg/L	100 ^{#1}	-	---	---	<7	<7	---	---
2-chlorotoluene	µg/L	-	-	<1	---	<1	<1	---	<1
4-chlorotoluene	µg/L	-	-	<1	---	<1	<1	---	<1
Bromobenzene	µg/L	-	-	<1	---	<1	<1	---	<1
Bromochloromethane	µg/L	-	-	<1	---	<4	<4	---	<1
Bromodichloromethane	µg/L	25 ^{#15}	-	<1	---	<4	<4	---	<1
Bromoform	µg/L	25 ^{#15}	-	<1	---	<1	<1	---	<1
Bromomethane	µg/L	-	-	<1	---	<1	<1	---	<1
Carbon disulfide	µg/L	-	-	<1	---	---	---	---	<1
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	<1	---	<1	<1	---	<1
Chlorodibromomethane	µg/L	25 ^{#15}	-	<1	---	<1	<1	---	<1
Chloroethane	µg/L	-	-	<1	---	<1	<1	---	<1



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		B-BH8	B-BH8	B-BH9	B-BH9	B-BH9	B-BH9	B-BH9	B-BH9
Well		S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		703109	703109	23-19411	23-26022-0	24-02007-2	24-08997	24-15497-1	703108
Date		15 Aug 2023	15 Aug 2023	10 Aug 2023	30 Oct 2023	29 Jan 2024	30 Apr 2024	24 Jul 2024	15 Aug 2023
Depth		0 - 0	0 - 0	4.13 - 10.23	4.21 - 10.19	3.93 - 10.19	4.1 - 10	4.18 - 10	0 - 0
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	<1	---	<1	<1	---	<1
Chloromethane	µg/L	-	-	<1	---	<1	<1	---	<1
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	<1	---	<1	<1	---	<1
Dibromomethane	µg/L	-	-	<1	---	<1	<1	---	<1
Dichlorodifluoromethane	µg/L	-	-	<1	---	<1	<1	---	<1
Dichloromethane	µg/L	-	20 ^{#19}	<3	---	<27	<27	---	<3
Isopropylbenzene	µg/L	-	-	<1	---	<1	<1	---	<1
n-butylbenzene	µg/L	-	-	<1	---	<1	<1	---	<1
n-propylbenzene	µg/L	-	-	<1	---	<1	<1	---	<1
p-isopropyltoluene	µg/L	-	-	<1	---	<1	<1	---	<1
sec-butylbenzene	µg/L	-	-	<1	---	<1	<1	---	<1
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	<1	---	<1	<1	---	<1
tert-butylbenzene	µg/L	-	-	<1	---	<1	<1	---	<1
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	<1	---	<1	<1	---	<1
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	<1	---	<1	<1	---	<1
Trichlorofluoromethane	µg/L	-	-	<1	---	<1	<1	---	<1
Vinyl chloride	µg/L	0.5 ^{#1}	-	<1	---	<1	<1	---	<1
tert-Amyl methyl ether	µg/L	-	-	<1	---	<5	<5	---	<1
VOC/SVOC									
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	---	<1	<1	---	<1
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	---	<1	<1	---	<1
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	---	<1	<1	---	<1
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	---	---	---	---	<1
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	---	<2	<2	---	<1
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	---	<1	<1	---	<1
Chlorobenzene	µg/L	100 ^{#18}	-	<1	---	<1	<1	---	<1
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	<1	---	<1	<1	---	<1
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	<2	<2	---	---
SVOC									
1,4-dinitrobenzene	µg/L	-	-	---	---	<1	<1	---	---
Benzyl alcohol	µg/L	-	-	---	---	<1	<1	---	---
4-bromophenyl phenyl ether	µg/L	-	-	<2	---	<1	<1	---	<4
4-nitroaniline	µg/L	-	-	<2	---	<1	<1	---	<4
4-nitrophenol	µg/L	-	-	<2	---	<1	<1	---	<4
catechol (o-dihydroxybenzene) (filtered)	µg/L	-	-	<10	---	---	---	---	<10
1,3-Dinitrobenzene	µg/L	-	-	---	---	<1	<1	---	---
1-Methylnaphthalene	µg/L	-	-	---	---	<1	<1	---	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	---	<1	<1	---	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	---	<1	<1	---	---
2,3,5-Trimethylphenol (filtered)	µg/L	-	-	<3	---	---	---	---	<3
2,4,5-trichlorophenol	µg/L	-	-	<2	---	<1	<1	---	<4
2,4,6-trichlorophenol	µg/L	-	-	<2	---	<0.1	<0.1	---	<4
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	<2	---	<0.1	<0.1	---	<4
2,4-dimethylphenol	µg/L	-	-	<2	---	<0.1	<0.1	---	<4
2,4-dinitrotoluene	µg/L	-	-	<2	---	<1	<1	---	<4
2,6-dichlorophenol	µg/L	-	-	---	---	<0.1	<0.1	---	---
2,6-Dimethylphenol	µg/L	-	-	---	---	<0.1	<0.1	---	---
2,6-dinitrotoluene	µg/L	-	-	<2	---	<1	<1	---	<4
2-chloronaphthalene	µg/L	-	-	<2	---	<1	<1	---	<4
2-chlorophenol	µg/L	-	50 ^{#20}	<2	---	<1	<1	---	<4
2-Isopropylphenol (filtered)	µg/L	-	-	<6	---	---	---	---	<6
2-methylnaphthalene	µg/L	-	-	<2	---	<1	<1	---	<4
2-methylphenol	µg/L	-	-	<2	---	<1	<1	---	<4
2-nitroaniline	µg/L	-	-	<2	---	<1	<1	---	<4
2-nitrophenol	µg/L	-	-	<2	---	---	---	---	<4
3-nitroaniline	µg/L	-	-	<2	---	<1	<1	---	<4
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	<2	---	<0.1	<0.1	---	<4
4-chloroaniline	µg/L	-	-	<2	---	---	---	---	<4
4-chlorophenyl phenyl ether	µg/L	-	-	<2	---	<1	<1	---	<4
4-methylphenol	µg/L	-	-	<2	---	<0.1	<0.1	---	<4
Aniline	µg/L	-	-	---	---	<1	<1	---	---
Azobenzene	µg/L	-	-	<2	---	<1	<1	---	<4
Bis(2-chloroethoxy) methane	µg/L	-	-	<2	---	<1	<1	---	<4
Bis(2-chloroethyl)ether	µg/L	-	-	<2	---	---	---	---	<4
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	<1	<1	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	<4	---	<1	<1	---	<8
Bis(2-ethylhexyl)ester	µg/L	-	-	---	---	<1	<1	---	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	<2	---	<1	<1	---	<4



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		B-BH8	B-BH8	B-BH9	B-BH9	B-BH9	B-BH9	B-BH9	B-BH9
Well		S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		703109	703109	23-19411	23-26022-0	24-02007-2	24-08997	24-15497-1	703108
Date		15 Aug 2023	15 Aug 2023	10 Aug 2023	30 Oct 2023	29 Jan 2024	30 Apr 2024	24 Jul 2024	15 Aug 2023
Depth		0 - 0	0 - 0	4.13 - 10.23	4.21 - 10.19	3.93 - 10.19	4.1 - 10	4.18 - 10	0 - 0
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Carbazole	µg/L	-	-	<2	---	<1	<1	---	<4
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	<1	---	---	---
Dibenzofuran	µg/L	-	-	<2	---	<1	<1	---	<4
Diethylphthalate	µg/L	-	200 ^{#20}	<2	---	<1	<1	---	<4
Dimethyl phthalate	µg/L	-	800 ^{#20}	<2	---	<1	<1	---	<4
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	<2	---	<1	<1	---	<4
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	<10	---	<1	<1	---	<20
Diphenylamine	µg/L	-	-	---	---	<1	<1	---	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	<2	---	<1	<1	---	<4
Hexachlorocyclopentadiene	µg/L	-	-	<2	---	<1	<1	---	<4
Hexachloroethane	µg/L	-	-	<2	---	---	---	---	<4
Isophorone	µg/L	-	-	<2	---	---	---	---	<4
Nitrobenzene	µg/L	-	-	<2	---	---	---	---	<4
N-nitrosodi-n-propylamine	µg/L	-	-	<2	---	---	---	---	<4
Pentachlorophenol	µg/L	-	0.4 ^{#19}	<2	---	<1	<1	---	<4
PCB									
PCB 12	µg/L	-	-	---	---	<1	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---	<0.3	<0.3	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---	<0.3	<0.3	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---	<0.2	<0.2	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---	<0.3	<0.3	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---	<0.2	<0.2	---	---
PCB 101	µg/L	-	-	---	---	<0.3	<0.3	---	---
PCB 118 + PCB 123	mg/L	-	-	---	---	<0.0006	<0.0006	---	---
PCB 138	µg/L	-	-	---	---	<0.2	<0.2	---	---
PCB 153	µg/L	-	-	---	---	<0.2	<0.2	---	---
PCB 180	µg/L	-	-	---	---	<0.2	<0.2	---	---
PCB 28 + PCB 31	µg/L	-	-	---	---	<0.3	<0.3	---	---
PCB 52	µg/L	-	-	---	---	<0.2	<0.2	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---	<0.2	<0.2	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---	<0.3	<0.3	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---	<0.5	<0.5	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---	<0.3	<0.3	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---	<0.2	<0.2	---	---
Total PCB 7 Congeners	µg/L	-	-	---	---	<1	<1	---	---
Total PCB WHO 12	µg/L	-	-	---	---	<1	<1	---	---
PCBs (Sum of total)	µg/L	-	-	---	---	<1	---	---	---
Solvents									
4-Methyl-2-pentanone	µg/L	-	-	---	---	---	---	---	---
Acetone	µg/L	-	-	---	---	---	---	---	---
Tetrahydrofuran	µg/L	-	-	---	---	---	---	---	---
Polybrominated Diphenyl Ethers									
BDE-100	ng/l	-	-	---	---	---	---	---	---
BDE-153	ng/l	-	-	---	---	---	---	---	---
BDE-154	ng/l	-	-	---	---	---	---	---	---
BDE-183	ng/l	-	-	---	---	---	---	---	---
BDE-28	ng/l	-	-	---	---	---	---	---	---
BDE-47	ng/l	-	-	---	---	---	---	---	---
BDE-99	ng/l	-	-	---	---	---	---	---	---
Sum of selected BDE	ng/l	-	-	---	---	---	---	---	---
BDE-209	ng/l	-	-	---	---	---	---	---	---
Organotins									
Dibutyltin	µg/L	-	-	---	---	---	---	---	---
Tetrabutyltin	µg/L	-	-	---	---	---	---	---	---
Tributyltin	µg/L	-	0.0002 ^{#19}	---	---	---	---	---	---
Triphenyltin	µg/L	-	0.0002 (MAC) ^{#37}	---	---	---	---	---	---
Alcohols									
Butyl alcohol, sec-	µg/L	-	-	---	---	---	---	---	---
1-Butanol	µg/L	-	-	---	---	---	---	---	---
Methyl Ethyl Ketone	µg/L	-	-	---	---	---	---	---	---
Ethanol	µg/L	-	-	---	---	---	---	---	---
Methanol	µg/L	-	-	---	---	---	---	---	---
Isobutanol	µg/L	-	-	---	---	---	---	---	---



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		B-BH8	B-BH8	B-BH9	B-BH9	B-BH9	B-BH9	B-BH9	B-BH9
Well		S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		703109	703109	23-19411	23-26022-0	24-02007-2	24-08997	24-15497-1	703108
Date		15 Aug 2023	15 Aug 2023	10 Aug 2023	30 Oct 2023	29 Jan 2024	30 Apr 2024	24 Jul 2024	15 Aug 2023
Depth		0 - 0	0 - 0	4.13 - 10.23	4.21 - 10.19	3.93 - 10.19	4.1 - 10	4.18 - 10	0 - 0
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
2-Propanol	µg/L	-	-	---	---	---	---	---	---
n-Heptanol	µg/L	-	-	---	---	---	---	---	---
n-Hexanol	µg/L	-	-	---	---	---	---	---	---
1-Propanol	µg/L	-	-	---	---	---	---	---	---
tert-Butyl alcohol	µg/L	12	12	---	---	---	---	---	---
Acetates									
n-Propyl Acetate	µg/L	-	-	---	---	---	---	---	---
1,2-butylacetate	µg/L	-	-	---	---	---	---	---	---
Ethyl acetate	µg/L	-	-	---	---	---	---	---	---
Iso-Propyl Acetate	µg/L	-	-	---	---	---	---	---	---
Methyl acetate	µg/L	-	-	---	---	---	---	---	---
Glycols									
1,3-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---
1,3-Propanediol (filtered)	µg/L	-	-	---	---	---	---	---	---
1,4-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---
Diethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---
Ethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---
Propylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---
Triethylene Glycol (filtered)	µg/L	-	-	---	---	---	---	---	---
Pesticides									
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---	---
2,4-Dichlorophenoxy Acetic Acid (D)	µg/L	-	-	---	---	---	---	---	---
2,4-Dichloroprop	µg/L	-	-	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	µg/L	-	-	---	---	---	---	---	---
Acril (Ioxynil)	µg/L	-	10 ^{#20}	---	---	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---



Monitoring Unit				TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code				B-BH9	B-BH11	B-BH11	B-BH11	B-BH15	B-BH15	B-BH15	B-BH15
Well				S	S	S	S	S	S	S	S
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				703108	23-26022-0	721210	721210	23-15087	23-17922	23-19236	24-02270-1
Date				15 Aug 2023	30 Oct 2023	02 Feb 2024	02 Feb 2024	23 Jun 2023	25 Jul 2023	09 Aug 2023	30 Jan 2024
Depth				0 - 0	3.91 - 10.5	8.25 - 8.25	8.25 - 8.25	4.13 - 8.45	4.25 - 8.62	3.89 - 8.49	3.64 - 8.48
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	---	31	<10	---	27	<10	<10	24
Antimony (filtered)	µg/L	5 ^{#1}	-	---	0.38	---	---	0.3	0.31	0.44	0.39
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	---	23	24.3	---	7.9	10	13	25
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	69	---	---	91	52	55	71
Beryllium (filtered)	µg/L	-	-	---	<0.1	---	---	<0.1	<0.1	<0.1	<0.1
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	810	435	---	270	280	230	280
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	---	<0.03	<0.08	---	<0.03	<0.03	<0.03	<0.03
Calcium (filtered)	mg/L	-	-	---	81	74.2	---	370	310	310	270
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	<7	---	---	<7	<7	<7	<7
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	<30	---	---	---	---	---
Chromium	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	<1	---	---	---	---	---
Chromium (Trivalent) (filtered)	µg/L	-	-	---	<1	---	---	<1	<1	<1	<1
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	---	<0.4	0.609	---	<0.4	<0.4	2.5	<0.4
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	<50	---	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	<100	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	---	44	20.8	---	52	23	16	28
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	---	<0.09	<0.2	---	<0.09	<0.09	<0.09	0.19
Magnesium	mg/L	-	-	---	---	---	---	---	---	---	---
Magnesium (filtered)	mg/L	-	-	---	57	14.1	---	0.52	0.51	1.1	3.3
Manganese	µg/L	50 ^{#1}	-	---	---	97.2	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	---	25	<3	---	4.5	0.93	0.32	2.5
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	---	0.07	<0.01	---	0.04	0.05	0.04	0.04
Molybdenum (filtered)	µg/L	70 ^{#3}	-	---	24	28.4	---	25	28	23	16
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	---	1.8	1.66	---	1.4	<0.5	1.3	1.4
Potassium (filtered)	mg/L	-	-	---	81	60.6	---	160	180	140	180
Selenium (filtered)	µg/L	10 ^{#1}	-	---	1.8	3.03	---	2	2.6	5.5	0.55
Silicon (filtered)	µg/L	-	-	---	---	16,400	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	---	660	248	---	200	180	170	190
Tin (filtered)	µg/L	-	10 ^{#25}	---	<0.4	---	---	0.7	<0.4	<0.4	<0.4
Titanium (filtered)	µg/L	-	-	---	<0.3	---	---	<0	0	<0.3	<0.3
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	5.7	2.93	---	4.2	1.6	3.7	1.1
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	---	12	11.7	---	1.9	<1.3	<1.3	9
Inorganics											
Total Hardness	mg/l	-	-	---	437	---	---	916	788	776	686
Alkalinity (Bicarbonate as CaCO3)	mg/L	-	-	---	---	124	---	---	---	---	---
Alkalinity (Bicarbonate as CaCO3) (filtered)	mg/L	-	-	---	---	24.6	---	---	---	---	---
Alkalinity (Bicarbonate) as HCO3	mg/L	-	-	---	---	---	---	---	---	---	---
Alkalinity (total) as CaCO3	mg/L	-	-	---	150	134	---	71	78	77	---
Alkalinity (total) as CaCO3 (filtered)	mg/L	-	-	---	---	44.2	---	---	---	---	---
Carbonate	µg/L	-	-	---	---	---	---	71,000	78,000	77,000	85,000
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	3.5	---	---	1.8	2	1.9	3.5
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	3.07	---	---	---	---	---
Sulphate total (%) (filtered)	%	0.025 (SO4) ^{#5}	-	---	---	0.0135	---	---	---	---	---
Ammonia	mg/L	-	0.021 ^{#19}	---	---	3.73	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	---	2.8	3.07	---	1.4	1.5	1.5	2.7
Nitrate (as N)	mg/L	-	-	---	<0.1	---	---	---	0.35	<0.1	<0.1
Nitrogen (Total)	µg/L	-	-	---	---	---	---	---	---	---	---
Nitrite (as N)	mg/L	-	-	---	<0.035	---	---	<0.035	<0.035	<0.035	<0.035
Chloride	mg/L	250 ^{#1}	-	---	950	---	---	180	180	260	170
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	377	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	<100	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	1.6	---	---	0.7	0.8	1.1	0.6
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	<2.5	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	59	---	---	29	31	25	38
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	55.9	---	---	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	57	---	---	28	30	24	37
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#6}	-	---	---	---	---	7.3	1.5505	<0.443	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#6}	-	---	---	<0.3	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#7}	-	---	---	---	---	---	---	---	---



Monitoring Unit				TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code				B-BH9	B-BH11	B-BH11	B-BH11	B-BH15	B-BH15	B-BH15	B-BH15
Well				S	S	S	S	S	S	S	S
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				703108	23-26022-0	721210	721210	23-15087	23-17922	23-19236	24-02270-1
Date				15 Aug 2023	30 Oct 2023	02 Feb 2024	02 Feb 2024	23 Jun 2023	25 Jul 2023	09 Aug 2023	30 Jan 2024
Depth				0 - 0	3.91 - 10.5	8.25 - 8.25	8.25 - 8.25	4.13 - 8.45	4.25 - 8.62	3.89 - 8.49	3.64 - 8.48
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#7}	-	---	---	<0.05	---	---	---	---	---
Sulphate	mg/L	250 (SO4) ^{#5}	-	---	550	---	---	1,100	1,100	970	1,100
Sulphate (filtered)	mg/L	250 (SO4) ^{#5}	-	---	---	404	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	---	8.81	---	10.7	10	10.4	9.9
Sulphur as S	mg/L	-	-	---	230	500	---	500	490	470	5,500
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	18	---	---	750	11,000	3,000	63
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	4,310	---	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	---	140	---	---	22	36	<20	44
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	260	---	---	---	---	---
Ortho phosphate as PO4	mg/l	-	-	---	0.05	---	---	0.02	<0.01	0.28	<0.03
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	<0.05	---	---	---	---	---
Ionic Balance	%	-	-	---	104	-6.64	---	92	103	108	106
Orthophosphate as P (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Silica	µg/L	-	-	---	26,000	---	---	7,800	6,600	6,900	30,000
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	<10,000	---	---	<10,000	<100	49,000	<10,000
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	1,500	---	---	---	---	---
Other											
Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Dissolved Inorganic Carbon (filtered)	µg/L	-	-	---	---	5,980	---	---	---	---	---
Inorganic Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Dissolved Organic Carbon (filtered)	µg/L	-	-	---	8,400	8,410	---	11,000	45,000	37,000	5,700
Solids, Suspended	mg/L	-	-	---	160	---	---	---	---	---	---
Total Dissolved Solids	mg/L	-	-	---	---	---	---	---	---	---	---
Total Suspended Solids	mg/L	-	-	---	---	175	---	<5	15	<5	7.5
TPH CWG											
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	---	<0.1	<10	---	<0.1	<0.1	<0.1	<0.1
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	---	<0.1	<10	---	<0.1	<0.1	<0.1	<0.1
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	---	<0.1	<10	---	<0.1	<0.1	<0.1	<0.1
>C10-C44 Aliphatics	µg/L	-	-	---	---	---	---	<1	<1	<1	<1
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	---	<1	<10	---	<1	<1	<1	<1
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	<1	<10	---	<1	<1	<1	<1
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	<1	<10	---	<1	<1	<1	<1
>C16-C35 Aliphatics	µg/L	-	-	---	<2	---	---	---	---	---	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	<1	<10	---	<1	<1	<1	<1
Total Aliphatics & Aromatics >C12-C35	µg/L	-	-	---	---	<10	---	---	---	---	---
>C35-C40 Aliphatics	µg/L	-	-	---	<1	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	---	---	---	<1	<1	<1	<1
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C40	µg/L	-	-	---	<10	---	---	---	---	---	---
Total Aliphatics >C12-C35	µg/L	-	-	---	---	<10	---	---	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	<0.1	---	---	<0.1	<0.1	<0.1	<0.1
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	---	<0.1	<10	---	<0.1	<0.1	<0.1	<0.1
>EC10-EC44 Aromatics	µg/L	-	-	---	---	---	---	<1	<1	<1	<1
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	---	<0.1	<10	---	<0.1	<0.1	<0.1	<0.1
>EC6-EC7 Aromatics	µg/L	-	-	---	---	<10	---	---	---	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	---	<1	<10	---	<1	<1	<1	<1
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	<1	<10	---	<1	<1	<1	<1
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	<1	<10	---	<1	<1	<1	<1
>EC35-EC40 Aromatics	µg/L	-	-	---	<1	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	<1	<10	---	<1	<1	<1	<1
>EC35-EC44 Aromatics	µg/L	-	-	---	---	---	---	<1	<1	<1	<1
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	---	---	---	<1	<1	<1	<1
Total Aromatics >EC5-EC40	µg/L	-	-	---	<10	---	---	---	---	---	---
Total Aromatics >EC12-EC35	µg/L	-	-	---	---	<10	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	---	<10	---	<1	<1	<1	---
TPH >C5-C40 Aliphatics/Aromatics	µg/L	-	-	---	<10	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	---	---	---	---	---	---	<10
TPH											
EPH >C10-40	µg/L	-	-	---	51	---	---	35	43	82	<10
GRO >C5-12	µg/L	-	-	---	---	---	---	---	---	---	---
GRO C5-C10	µg/L	-	-	---	<1	<50	---	<1	<1	<1	<1
BTEX and MTBE											
Benzene	µg/L	1 ^{#1}	8 ^{#19}	---	<1	<1	---	<1	<1	<1	<1
Toluene	µg/L	700 ^{#2}	74 ^{#19}	---	<1	<1	---	<1	<1	<1	<5
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	---	<1	<1	---	<1	<1	<1	<5
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	---	<2	<1	---	<2	<2	<2	<10
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	---	<1	<1	---	<1	<1	<1	<5
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	---	<3	<2	---	---	---	---	---
MTBE	µg/L	15 ^{#10}	15 ^{#10}	---	<1	<1	---	<1	<1	<1	<10
Total BTEX	µg/L	-	-	---	---	<5	---	---	---	---	---



				Monitoring Unit	TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
				Location Code	B-BH9	B-BH11	B-BH11	B-BH11	B-BH15	B-BH15	B-BH15	B-BH15
				Well	S	S	S	S	S	S	S	S
				Matrix Type	Water	Water	Water	Water	Water	Water	Water	Water
				Lab Report Number	703108	23-26022-0	721210	721210	23-15087	23-17922	23-19236	24-02270-1
				Date	15 Aug 2023	30 Oct 2023	02 Feb 2024	02 Feb 2024	23 Jun 2023	25 Jul 2023	09 Aug 2023	30 Jan 2024
				Depth	0 - 0	3.91 - 10.5	8.25 - 8.25	8.25 - 8.25	4.13 - 8.45	4.25 - 8.62	3.89 - 8.49	3.64 - 8.48
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS									
PAH												
Naphthalene	µg/L	-	2 ^{#19}	<1	0.83	1.83	<1	0.13	0.19	0.29	0.73	
Acenaphthene	µg/L	-	-	---	0.51	<10	1.17	0.02	0.03	0.05	0.14	
Acenaphthylene	µg/L	-	-	---	0.01	<0.005	---	<0.01	<0.01	<0.01	<0.01	
Fluoranthene	µg/L	-	0.0063 ^{#19}	---	<0.01	<0.005	---	<0.01	<0.01	<0.01	0.01	
Anthracene	µg/L	-	0.1 ^{#19}	0.01	0.02	<0.005	<0.01	<0.01	<0.01	<0.01	0.01	
Phenanthrene	µg/L	-	-	0.012	0.12	<10	0.544	<0.01	<0.01	<0.01	0.02	
Fluorene	µg/L	-	-	---	0.16	<10	0.447	<0.01	<0.01	<0.01	0.02	
Chrysene	µg/L	-	-	---	<0.01	<0.005	---	<0.01	<0.01	<0.01	<0.01	
Pyrene	µg/L	-	-	---	<0.01	<0.005	---	<0.01	<0.01	<0.01	0.01	
Benzo(a)anthracene	µg/L	-	-	---	<0.01	<0.005	---	<0.01	<0.01	<0.01	<0.01	
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	<0.01	<0.005	---	<0.01	<0.01	<0.01	<0.01	
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	<0.01	<0.005	---	<0.01	<0.01	<0.01	<0.01	
Benzo(b+k)fluoranthene	µg/L	-	-	---	<0.02	---	---	---	---	---	---	
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	---	<0.01	<0.002	---	<0.01	<0.01	<0.01	<0.01	
Dibenz(a,h)anthracene	µg/L	-	-	---	<0.01	<0.005	---	<0.01	<0.01	<0.01	<0.01	
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	<0.01	<0.005	---	<0.01	<0.01	<0.01	<0.01	
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	---	<0.01	<0.005	---	<0.01	<0.01	<0.01	<0.01	
PAH 16 Total	µg/L	-	-	---	1.7	3.99	---	<0.2	0.22	0.34	0.93	
Phenolics												
Total Phenols (monohydric)	µg/L	-	-	---	<100	---	---	<100	<100	<100	<100	
Total Phenols of 8 Speciated (filtered)	µg/L	-	-	---	---	<45	---	---	---	---	---	
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	<1	---	---	<1	<1	<1	---	
Xylenols	µg/L	-	-	---	---	---	---	<0.1	<0.1	<0.1	---	
Xylenols (filtered)	µg/L	-	-	---	---	<8	---	---	---	---	---	
1-naphthol (filtered)	µg/L	-	-	---	---	<10	---	---	---	---	---	
Cresol Total (filtered)	µg/L	-	-	---	---	<6	---	---	---	---	---	
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	<0.1	<10	---	0.2	0.29	0.33	---	
Phenol (filtered)	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	---	<2	---	---	---	---	---	
Resorcinol (m-dihydroxybenzene) (filtered)	µg/L	-	-	---	---	<10	---	---	---	---	---	
Phenols Monohydric	µg/L	-	-	---	---	---	---	<100	<100	<100	---	
VOC												
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	<2	---	---	---	---	---	---	
Styrene	µg/L	-	50 ^{#20}	---	<1	<1	---	<1	<1	<1	---	
cis-1,3-dichloropropene	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---	
trans-1,3-dichloropropene	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---	
1,1,1,2-tetrachloroethane	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---	
n-Pentanol	µg/L	-	-	---	---	---	---	---	---	---	---	
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	---	<1	<1	---	<1	<1	<1	---	
1,1,2,2-tetrachloroethane	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---	
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	---	<1	<1	---	<1	<1	<1	---	
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	---	<1	<1	---	<1	<1	<1	---	
1,1-dichloroethene	µg/L	140 ^{#14}	-	---	<1	<1	---	<1	<1	<1	---	
1,1-dichloropropene	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---	
1,2,3-trichloropropane	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---	
1,2,4-trimethylbenzene	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---	
1,2-dibromo-3-chloropropane	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---	
1,2-dibromoethane	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---	
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	---	<1	<1	---	<1	<1	<1	---	
1,3-Dichloropropene	µg/L	-	-	---	---	---	---	---	---	---	---	
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	<2	---	---	---	---	---	---	
1,2-dichloropropane	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---	
1,3,5-trimethylbenzene	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---	
1,3-dichloropropane	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---	
2,2-dichloropropane	µg/L	-	-	---	<2	<1	---	<2	<2	<2	---	
Trihalomethanes	µg/L	100 ^{#1}	-	---	<7	---	---	---	---	---	---	
2-chlorotoluene	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---	
4-chlorotoluene	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---	
Bromobenzene	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---	
Bromochloromethane	µg/L	-	-	---	<4	<1	---	<4	<4	<4	---	
Bromodichloromethane	µg/L	25 ^{#15}	-	---	<4	<1	---	<4	<4	<4	---	
Bromoform	µg/L	25 ^{#15}	-	---	<1	<1	---	<1	<1	<1	---	
Bromomethane	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---	
Carbon disulfide	µg/L	-	-	---	---	<1	---	---	---	---	---	
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	---	<1	<1	---	1	<1	<1	---	
Chlorodibromomethane	µg/L	25 ^{#15}	-	---	<1	<1	---	<1	<1	<1	---	
Chloroethane	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---	



Monitoring Unit				TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code				B-BH9	B-BH11	B-BH11	B-BH11	B-BH15	B-BH15	B-BH15	B-BH15
Well				S	S	S	S	S	S	S	S
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				703108	23-26022-0	721210	721210	23-15087	23-17922	23-19236	24-02270-1
Date				15 Aug 2023	30 Oct 2023	02 Feb 2024	02 Feb 2024	23 Jun 2023	25 Jul 2023	09 Aug 2023	30 Jan 2024
Depth				0 - 0	3.91 - 10.5	8.25 - 8.25	8.25 - 8.25	4.13 - 8.45	4.25 - 8.62	3.89 - 8.49	3.64 - 8.48
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	---	<1	<1	---	<1	<1	<1	---
Chloromethane	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	<1	<1	---	<1	<1	<1	---
Dibromomethane	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---
Dichlorodifluoromethane	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---
Dichloromethane	µg/L	-	20 ^{#19}	---	<27	<3	---	<27	<27	<27	---
Isopropylbenzene	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---
n-butylbenzene	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---
n-propylbenzene	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---
p-isopropyltoluene	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---
sec-butylbenzene	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	<1	<1	---	<1	<1	<1	---
tert-butylbenzene	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	<1	<1	---	<1	<1	<1	---
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	<1	<1	---	<1	<1	<1	---
Trichlorofluoromethane	µg/L	-	-	---	<1	<1	---	<1	<1	<1	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	<1	<1	---	<1	<1	<1	---
tert-Amyl methyl ether	µg/L	-	-	---	<5	<1	---	---	---	<5	<5
VOC/SVOC											
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1	<1	---	<1	<1	<1	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1	<1	---	<1	<1	<1	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1	<1	---	<1	<1	<1	---
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	<1	---	---	---	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<2	<1	---	<2	<2	<2	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1	<1	---	<1	<1	<1	---
Chlorobenzene	µg/L	100 ^{#18}	-	---	<1	<1	---	<1	<1	<1	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	---	<1	<1	---	<1	<1	<1	---
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	<2	---	---	---	---	---	---
SVOC											
1,4-dinitrobenzene	µg/L	-	-	---	<1	---	---	<1	<1	<1	---
Benzyl alcohol	µg/L	-	-	---	<1	---	---	<1	<1	<1	---
4-bromophenyl phenyl ether	µg/L	-	-	---	<1	<10	---	<1	<1	<1	---
4-nitroaniline	µg/L	-	-	---	<1	<10	---	<1	<1	<1	---
4-nitrophenol	µg/L	-	-	---	<1	<10	---	<1	<1	<1	---
catechol (o-dihydroxybenzene) (filtered)	µg/L	-	-	---	---	<10	---	---	---	---	---
1,3-Dinitrobenzene	µg/L	-	-	---	<1	---	---	<1	<1	<1	---
1-Methylnaphthalene	µg/L	-	-	---	<1	---	---	<1	<1	<1	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	<1	---	---	<1	<1	<1	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	<1	---	---	<1	<1	<1	---
2,3,5-Trimethylphenol (filtered)	µg/L	-	-	---	---	<3	---	---	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	---	<1	<10	---	<1	<1	<1	---
2,4,6-trichlorophenol	µg/L	-	-	---	<0.1	<10	---	<0.1	<0.1	<0.1	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	---	<0.1	<10	---	<0.1	<0.1	<0.1	---
2,4-dimethylphenol	µg/L	-	-	---	<0.1	<10	---	<0.1	0.12	<0.1	---
2,4-dinitrotoluene	µg/L	-	-	---	<1	<10	---	<1	<1	<1	---
2,6-dichlorophenol	µg/L	-	-	---	<0.1	---	---	<0.1	<0.1	<0.1	---
2,6-Dimethylphenol	µg/L	-	-	---	<0.1	---	---	<0.1	<0.1	<0.1	---
2,6-dinitrotoluene	µg/L	-	-	---	<1	<10	---	<1	<1	<1	---
2-chloronaphthalene	µg/L	-	-	---	<1	<10	---	<1	<1	<1	---
2-chlorophenol	µg/L	-	50 ^{#20}	---	<1	<10	---	<1	<1	<1	---
2-Isopropylphenol (filtered)	µg/L	-	-	---	---	<6	---	---	---	---	---
2-methylnaphthalene	µg/L	-	-	---	<1	<10	---	<1	<1	<1	---
2-methylphenol	µg/L	-	-	---	<1	<10	---	<1	<1	<1	---
2-nitroaniline	µg/L	-	-	---	<1	<10	---	<1	<1	<1	---
2-nitrophenol	µg/L	-	-	---	---	<10	---	---	---	---	---
3-nitroaniline	µg/L	-	-	---	<1	<10	---	<1	<1	<1	---
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	---	<0.1	<10	---	<0.1	<0.1	<0.1	---
4-chloroaniline	µg/L	-	-	---	---	<10	---	---	---	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	<1	<10	---	<1	<1	<1	---
4-methylphenol	µg/L	-	-	---	0.14	<10	---	0.12	0.34	0.34	---
Aniline	µg/L	-	-	---	<1	---	---	<1	<1	<1	---
Azobenzene	µg/L	-	-	---	<1	<10	---	<1	<1	<1	---
Bis(2-chloroethoxy) methane	µg/L	-	-	---	<1	<10	---	<1	<1	<1	---
Bis(2-chloroethyl)ether	µg/L	-	-	---	---	<10	---	---	---	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	<1	---	---	<1	<1	<1	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	<1	<20	---	<1	<1	<1	---
Bis(2-ethylhexyl)ester	µg/L	-	-	---	<1	---	---	<1	<1	<1	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	<1	<10	---	<1	<1	<1	---



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		B-BH9	B-BH11	B-BH11	B-BH11	B-BH15	B-BH15	B-BH15	B-BH15
Well		S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		703108	23-26022-0	721210	721210	23-15087	23-17922	23-19236	24-02270-1
Date		15 Aug 2023	30 Oct 2023	02 Feb 2024	02 Feb 2024	23 Jun 2023	25 Jul 2023	09 Aug 2023	30 Jan 2024
Depth		0 - 0	3.91 - 10.5	8.25 - 8.25	8.25 - 8.25	4.13 - 8.45	4.25 - 8.62	3.89 - 8.49	3.64 - 8.48
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Carbazole	µg/L	-	-	---	<1	<10	---	<1	<1
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	---	---	<1	<1
Dibenzofuran	µg/L	-	-	---	<1	<10	---	<1	<1
Diethylphthalate	µg/L	-	200 ^{#20}	---	<1	<10	---	<1	<1
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	<1	<10	---	<1	<1
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	<1	<10	---	<1	<1
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	<1	<50	---	<1	<1
Diphenylamine	µg/L	-	-	---	<1	---	---	<1	<1
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	---	<1	<10	---	<1	<1
Hexachlorocyclopentadiene	µg/L	-	-	---	<1	<10	---	<1	<1
Hexachloroethane	µg/L	-	-	---	---	<10	---	---	---
Isophorone	µg/L	-	-	---	---	<10	---	---	---
Nitrobenzene	µg/L	-	-	---	---	<10	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	<10	---	---	---
Pentachlorophenol	µg/L	-	0.4 ^{#19}	---	<1	<10	---	<1	<1
PCB									
PCB 12	µg/L	-	-	---	---	---	---	<1	<1
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	<0.3	---	---	<0.3	<0.3
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	<0.3	---	---	<0.3	<0.3
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	<0.2	---	---	<0.2	<0.2
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	<0.3	---	---	<0.3	<0.3
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	<0.2	---	---	<0.2	<0.2
PCB 101	µg/L	-	-	---	<0.3	---	---	<0.3	<0.3
PCB 118 + PCB 123	mg/L	-	-	---	<0.0006	---	---	<0.0006	<0.0006
PCB 138	µg/L	-	-	---	<0.2	---	---	<0.2	<0.2
PCB 153	µg/L	-	-	---	<0.2	---	---	<0.2	<0.2
PCB 180	µg/L	-	-	---	<0.2	---	---	<0.2	<0.2
PCB 28 + PCB 31	µg/L	-	-	---	<0.3	---	---	<0.3	<0.3
PCB 52	µg/L	-	-	---	<0.2	---	---	<0.2	<0.2
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	<0.2	---	---	<0.2	<0.2
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	<0.3	---	---	<0.3	<0.3
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	<0.5	---	---	<0.5	<0.5
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	<0.3	---	---	<0.3	<0.3
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	<0.2	---	---	<0.2	<0.2
Total PCB 7 Congeners	µg/L	-	-	---	<1	---	---	<1	<1
Total PCB WHO 12	µg/L	-	-	---	<1	---	---	---	---
PCBs (Sum of total)	µg/L	-	-	---	---	---	---	<1	<1
Solvents									
4-Methyl-2-pentanone	µg/L	-	-	---	---	---	---	---	---
Acetone	µg/L	-	-	---	---	---	---	---	---
Tetrahydrofuran	µg/L	-	-	---	---	---	---	---	---
Polybrominated Diphenyl Ethers									
BDE-100	ng/l	-	-	---	---	<0.27	---	---	---
BDE-153	ng/l	-	-	---	---	<0.24	---	---	---
BDE-154	ng/l	-	-	---	---	<0.27	---	---	---
BDE-183	ng/l	-	-	---	---	<0.39	---	---	---
BDE-28	ng/l	-	-	---	---	<0.29	---	---	---
BDE-47	ng/l	-	-	---	---	<0.19	---	---	---
BDE-99	ng/l	-	-	---	---	<0.34	---	---	---
Sum of selected BDE	ng/l	-	-	---	---	0	---	---	---
BDE-209	ng/l	-	-	---	---	<3.8	---	---	---
Organotins									
Dibutyltin	µg/L	-	-	---	---	---	---	---	---
Tetrabutyltin	µg/L	-	-	---	---	---	---	---	---
Tributyltin	µg/L	-	0.0002 ^{#19}	---	---	---	---	---	---
Triphenyltin	µg/L	-	0.0002 (MAC) ^{#37}	---	---	---	---	---	---
Alcohols									
Butyl alcohol, sec-	µg/L	-	-	---	---	---	---	---	---
1-Butanol	µg/L	-	-	---	---	---	---	---	---
Methyl Ethyl Ketone	µg/L	-	-	---	---	---	---	---	---
Ethanol	µg/L	-	-	---	---	---	---	---	---
Methanol	µg/L	-	-	---	---	---	---	---	---
Isobutanol	µg/L	-	-	---	---	---	---	---	---



Monitoring Unit				TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code				B-BH9	B-BH11	B-BH11	B-BH11	B-BH15	B-BH15	B-BH15	B-BH15
Well				S	S	S	S	S	S	S	S
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				703108	23-26022-0	721210	721210	23-15087	23-17922	23-19236	24-02270-1
Date				15 Aug 2023	30 Oct 2023	02 Feb 2024	02 Feb 2024	23 Jun 2023	25 Jul 2023	09 Aug 2023	30 Jan 2024
Depth				0 - 0	3.91 - 10.5	8.25 - 8.25	8.25 - 8.25	4.13 - 8.45	4.25 - 8.62	3.89 - 8.49	3.64 - 8.48
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
2-Propanol	µg/L	-	-	---	---	---	---	---	---	---	---
n-Heptanol	µg/L	-	-	---	---	---	---	---	---	---	---
n-Hexanol	µg/L	-	-	---	---	---	---	---	---	---	---
1-Propanol	µg/L	-	-	---	---	---	---	---	---	---	---
tert-Butyl alcohol	µg/L	12	12	---	---	---	---	---	---	---	---
Acetates											
n-Propyl Acetate	µg/L	-	-	---	---	---	---	---	---	---	---
1,2-butylacetate	µg/L	-	-	---	---	---	---	---	---	---	---
Ethyl acetate	µg/L	-	-	---	---	---	---	---	---	---	---
Iso-Propyl Acetate	µg/L	-	-	---	---	---	---	---	---	---	---
Methyl acetate	µg/L	-	-	---	---	---	---	---	---	---	---
Glycols											
1,3-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
1,3-Propanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
1,4-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Diethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Ethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Propylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Triethylene Glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Pesticides											
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-Dichlorophenoxy Acetic Acid (D)	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-Dichloroprop	µg/L	-	-	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	µg/L	-	-	---	---	---	---	---	---	---	---
Actril (loxynil)	µg/L	-	10 ^{#20}	---	---	---	---	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---	---



Monitoring Unit				TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code				B-BH15	B-BH15	B-BH15	B-BH15	B-BH15	B-BH15	B-BH18	B-BH18
Well				S	S	S	S	S	S	S	S
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				24-09043	24-15877	703094	703094	704421	704421	23-19248	23-26025
Date				30 Apr 2024	29 Jul 2024	07 Aug 2023	07 Aug 2023	30 Aug 2023	30 Aug 2023	07 Aug 2023	01 Nov 2023
Depth				3.82 - 8.48	3.93 - 8.48	7	7	6.5	6.5	3.24 - 11.16	3.23 - 11.11
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	<10	<10	<10	---	---	---	55	22
Antimony (filtered)	µg/L	5 ^{#1}	-	0.35	0.34	---	---	---	---	1	1
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	16	19	11	---	---	---	11	13
Barium (filtered)	µg/L	1,300 ^{#2}	-	95	53	---	---	---	---	72	140
Beryllium (filtered)	µg/L	-	-	<0.1	<0.1	---	---	---	---	<0.1	<0.1
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	240	230	353	---	---	---	120	160
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	<0.03	<0.03	<0.08	---	---	---	<0.03	<0.03
Calcium (filtered)	mg/L	-	-	250	220	347	---	327	---	270	290
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	<7	<7	---	---	---	---	<7	<7
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	<30	---	<30	---	---	---
Chromium	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	6.3	---	---	---	---	---
Chromium (Trivalent) (filtered)	µg/L	-	-	<1	<1	---	---	---	---	<1	<1
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	<0.4	<0.4	<0.3	---	---	---	<0.4	1.3
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	<50	---	<50	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	<100	---	<100	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	22	17	29.2	---	27	---	7.2	60
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	<0.09	<0.09	4.62	---	---	---	<0.09	1.5
Magnesium	mg/L	-	-	---	---	---	---	---	---	---	---
Magnesium (filtered)	mg/L	-	-	2.9	3.3	2.44	---	2.34	---	0.41	5.4
Manganese	µg/L	50 ^{#1}	-	---	---	---	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	4.4	11	<3	---	---	---	0.27	290
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	0.04	<1	0.0105	---	---	---	0.02	<0.01
Molybdenum (filtered)	µg/L	70 ^{#3}	-	17	14	28	---	---	---	29	26
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	1.6	1.6	1.74	---	---	---	0.8	1.3
Potassium (filtered)	mg/L	-	-	170	160	160	---	146	---	35	43
Selenium (filtered)	µg/L	10 ^{#1}	-	1.6	2.3	2.96	---	---	---	1.2	0.32
Silicon (filtered)	µg/L	-	-	---	---	7,880	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	220	170	186	---	158	---	55	52
Tin (filtered)	µg/L	-	10 ^{#25}	<0.4	<0.4	---	---	---	---	<0.4	13
Titanium (filtered)	µg/L	-	-	<0.3	<0.3	---	---	---	---	<0.3	<0.3
Vanadium (filtered)	µg/L	-	100 ^{#26}	0.9	<0.6	---	---	---	---	15	1.2
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	4.4	<1.3	4.55	---	---	---	10	13
Inorganics											
Total Hardness	mg/l	-	-	625	561	---	---	---	---	680	749
Alkalinity (Bicarbonate as CaCO3)	mg/L	-	-	---	---	19.5	---	57.9	---	---	---
Alkalinity (Bicarbonate as CaCO3) (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Alkalinity (Bicarbonate) as HCO3	mg/L	-	-	---	---	---	---	---	---	---	---
Alkalinity (total) as CaCO3	mg/L	-	-	---	---	56.2	---	68.5	---	140	82
Alkalinity (total) as CaCO3 (filtered)	mg/L	-	-	---	---	---	---	60.9	---	---	---
Carbonate	µg/L	-	-	93,000	77,000	---	---	---	---	140,000	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	3.3	3.2	---	---	---	---	2.7	4
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	1.26	---	2	---	---	---
Sulphate total (%) (filtered)	%	0.025 (SO4) ^{#5}	-	---	---	---	---	---	---	---	---
Ammonia	mg/L	-	0.021 ^{#19}	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	2.6	2.5	---	---	---	---	2.1	3.1
Nitrate (as N)	mg/L	-	-	<0.1	<0.1	---	---	---	---	<0.1	<0.1
Nitrogen (Total)	µg/L	-	-	---	---	1,260	---	2,000	---	---	---
Nitrite (as N)	mg/L	-	-	<0.035	<0.035	---	---	---	---	<0.035	<0.035
Chloride	mg/L	250 ^{#1}	-	310	180	---	---	---	---	78	65
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	151	---	178	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	1.1	<20	---	---	---	---	0.3	0.4
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	<2.5	---	<2.5	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	31	<40	---	---	---	---	3.8	5.7
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	27.2	---	50.2	---	---	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	30	20	---	---	---	---	3.5	5.3
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	26.8	---	49.6	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#6}	-	---	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#6}	-	---	---	<0.3	---	<0.3	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#7}	-	---	---	---	---	---	---	---	---



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		B-BH15	B-BH15	B-BH15	B-BH15	B-BH15	B-BH15	B-BH18	B-BH18
Well		S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		24-09043	24-15877	703094	703094	704421	704421	23-19248	23-26025
Date		30 Apr 2024	29 Jul 2024	07 Aug 2023	07 Aug 2023	30 Aug 2023	30 Aug 2023	07 Aug 2023	01 Nov 2023
Depth		3.82 - 8.48	3.93 - 8.48	7	7	6.5	6.5	3.24 - 11.16	3.23 - 11.11
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#7}	-	---	---	<0.05	---	<0.05	---
Sulphate	mg/L	250 (SO4) ^{#5}	-	750	730	---	---	610	720
Sulphate (filtered)	mg/L	250 (SO4) ^{#5}	-	---	---	1,170	---	1,040	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	9.9	9.5	9.68	---	8.68	---
Sulphur as S	mg/L	-	-	520	1,000	450	---	500	---
Sulphide	µg/L	-	10 (MAC) ^{#29}	7,000	990	---	---	---	---
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	685	---	7,430	---
Thiocyanate (as SCN)	µg/L	-	-	130	41	---	---	---	---
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	<50	---	<50	---
Ortho phosphate as PO4	mg/l	-	-	0.05	0.05	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	<0.05	---	<0.05	---
Ionic Balance	%	-	-	99	95	-0.305	---	-1.19	---
Orthophosphate as P (filtered)	mg/l	-	-	---	---	---	---	---	---
Silica	µg/L	-	-	30,000	36,000	---	---	---	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	<10,000	<5,000	---	---	---	---
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	532	---	<500	---
Other									
Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---
Dissolved Inorganic Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---
Inorganic Carbon (filtered)	µg/L	-	-	---	---	<3,000	---	<3,000	---
Dissolved Organic Carbon (filtered)	µg/L	-	-	17,000	16,000	43,600	---	17,200	---
Solids, Suspended	mg/L	-	-	---	---	---	---	---	---
Total Dissolved Solids	mg/L	-	-	---	---	---	---	---	---
Total Suspended Solids	mg/L	-	-	21	9	27.6	---	42.4	---
TPH CWG									
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<0.1	<1	<10	---	<10	---
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	<0.1	<1	<10	---	<10	---
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	<0.1	<1	<10	---	<10	---
>C10-C44 Aliphatics	µg/L	-	-	<1	<1	---	---	<1	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<1	<1	<10	---	<10	---
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	<1	<1	<10	---	<10	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	<1	<1	<10	---	<10	---
>C16-C35 Aliphatics	µg/L	-	-	---	---	<10	---	<10	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	<1	<1	<10	---	<10	---
Total Aliphatics & Aromatics >C12-C35	µg/L	-	-	---	---	---	---	---	---
>C35-C40 Aliphatics	µg/L	-	-	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	<1	<1	---	---	---	---
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---
Total Aliphatics >C5-C40	µg/L	-	-	---	---	---	---	---	---
Total Aliphatics >C12-C35	µg/L	-	-	---	---	<10	---	<10	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	<0.1	<1	---	---	---	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<0.1	<1	<10	---	<10	---
>EC10-EC44 Aromatics	µg/L	-	-	<1	<1	---	---	---	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	<0.1	<1	<10	---	<10	---
>EC6-EC7 Aromatics	µg/L	-	-	---	---	<10	---	<10	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	<1	<1	<10	---	<10	---
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	<1	<1	<10	---	<10	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	<1	<1	<10	---	<10	---
>EC35-EC40 Aromatics	µg/L	-	-	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	<1	<1	<10	---	<10	---
>EC35-EC44 Aromatics	µg/L	-	-	<1	<1	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	<1	<1	---	---	---	---
Total Aromatics >EC5-EC40	µg/L	-	-	---	---	---	---	---	---
Total Aromatics >EC12-EC35	µg/L	-	-	---	---	<10	---	<10	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	---	<10	---	<10	---
TPH >C5-C40 Aliphatics/Aromatics	µg/L	-	-	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	<10	<10	---	---	---	---
TPH									
EPH >C10-40	µg/L	-	-	44	<50	---	---	---	---
GRO >C5-12	µg/L	-	-	---	---	<50	---	<50	---
GRO C5-C10	µg/L	-	-	<1	<10	---	---	---	---
BTEX and MTBE									
Benzene	µg/L	1 ^{#1}	8 ^{#19}	<1	<1	<1	---	<1	---
Toluene	µg/L	700 ^{#2}	74 ^{#19}	<1	<1	<1	---	<1	---
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	<1	<1	<1	---	<1	---
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	---	<2	<1	---	<1	---
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	---	<1	<1	---	<1	---
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	<1	<10	<2	---	<2	---
MTBE	µg/L	15 ^{#10}	15 ^{#10}	---	<1	<1	---	<1	---
Total BTEX	µg/L	-	-	---	---	<5	---	<5	---

				Monitoring Unit	TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
				Location Code	B-BH15	B-BH15	B-BH15	B-BH15	B-BH15	B-BH15	B-BH18	B-BH18
				Well	S	S	S	S	S	S	S	S
				Matrix Type	Water	Water	Water	Water	Water	Water	Water	Water
				Lab Report Number	24-09043	24-15877	703094	703094	704421	704421	23-19248	23-26025
				Date	30 Apr 2024	29 Jul 2024	07 Aug 2023	07 Aug 2023	30 Aug 2023	30 Aug 2023	07 Aug 2023	01 Nov 2023
				Depth	3.82 - 8.48	3.93 - 8.48	7	7	6.5	6.5	3.24 - 11.16	3.23 - 11.11
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS									
PAH												
Naphthalene	µg/L	-	2 ^{#19}	0.81	0.87	0.246	<1	0.315	<1	<0.05	<0.05	
Acenaphthene	µg/L	-	-	0.15	0.16	<2	0.0362	<4	0.062	<0.01	<0.01	
Acenaphthylene	µg/L	-	-	<0.01	<0.01	<0.005	---	<0.005	---	<0.01	<0.01	
Fluoranthene	µg/L	-	0.0063 ^{#19}	<0.01	<0.01	<2	0.00676	<4	0.0082	<0.01	<0.01	
Anthracene	µg/L	-	0.1 ^{#19}	<0.01	<0.01	<0.005	---	<0.005	---	<0.01	<0.01	
Phenanthrene	µg/L	-	-	<0.01	0.02	<2	0.013	<4	0.0076	<0.01	<0.01	
Fluorene	µg/L	-	-	<0.01	0.01	<2	0.00638	<4	0.0082	<0.01	<0.01	
Chrysene	µg/L	-	-	<0.01	<0.01	<0.005	---	<0.005	---	<0.01	<0.01	
Pyrene	µg/L	-	-	<0.01	<0.01	<2	0.0064	<4	0.009	<0.01	<0.01	
Benzo(a)anthracene	µg/L	-	-	<0.01	<0.01	<0.005	---	<0.005	---	<0.01	<0.01	
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	<0.01	<0.005	---	<0.005	---	<0.01	<0.01	
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	<0.01	<0.005	---	<0.005	---	<0.01	<0.01	
Benzo(b+k)fluoranthene	µg/L	-	-	---	---	---	---	---	---	<0.02	<0.02	
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	<0.01	<0.01	<0.002	---	<0.002	---	<0.01	<0.01	
Dibenz(a,h)anthracene	µg/L	-	-	<0.01	<0.01	<0.005	---	<0.005	---	<0.01	<0.01	
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	<0.01	<0.005	---	<0.005	---	<0.01	<0.01	
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	<0.01	<0.005	---	<0.005	---	<0.01	<0.01	
PAH 16 Total	µg/L	-	-	0.96	1.1	0.314	---	0.41	---	<0.2	<0.2	
Phenolics												
Total Phenols (monohydric)	µg/L	-	-	<100	<100	---	---	---	---	<100	<100	
Total Phenols of 8 Speciated (filtered)	µg/L	-	-	---	---	<45	---	<45	---	---	---	
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	<10	---	---	---	---	<1	<1	
Xylenols	µg/L	-	-	---	---	---	---	---	---	<0.1	---	
Xylenols (filtered)	µg/L	-	-	---	---	<8	---	<8	---	---	---	
1-naphthol (filtered)	µg/L	-	-	---	---	<10	---	<10	---	---	---	
Cresol Total (filtered)	µg/L	-	-	---	---	<6	---	<6	---	---	---	
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	<10	2.17	---	<4	---	<0.1	<0.1	
Phenol (filtered)	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	---	<2	---	<2	---	---	---	
Resorcinol (m-dihydroxybenzene) (filtered)	µg/L	-	-	---	---	<10	---	<10	---	---	---	
Phenols Monohydric	µg/L	-	-	---	---	---	---	---	---	<100	---	
VOC												
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---	---	---	---	---	<2	<2	
Styrene	µg/L	-	50 ^{#20}	---	<1	<1	---	<1	---	<1	<1	
cis-1,3-dichloropropene	µg/L	-	-	---	<1	<1	---	<1	---	<1	<1	
trans-1,3-dichloropropene	µg/L	-	-	---	<1	<1	---	<1	---	<1	<1	
1,1,1,2-tetrachloroethane	µg/L	-	-	---	<1	<1	---	<1	---	<1	<1	
n-Pentanol	µg/L	-	-	---	---	---	---	---	---	---	---	
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	---	<1	<1	---	<1	---	<1	<1	
1,1,2,2-tetrachloroethane	µg/L	-	-	---	<1	<1	---	<1	---	<1	<1	
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	---	<1	<1	---	<1	---	<1	<1	
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	---	<1	<1	---	<1	---	<1	<1	
1,1-dichloroethene	µg/L	140 ^{#14}	-	---	<1	<1	---	<1	---	<1	<1	
1,1-dichloropropene	µg/L	-	-	---	<1	<1	---	<1	---	<1	<1	
1,2,3-trichloropropane	µg/L	-	-	---	<1	<1	---	<1	---	<1	<1	
1,2,4-trimethylbenzene	µg/L	-	-	---	<1	<1	---	<1	---	<1	<1	
1,2-dibromo-3-chloropropane	µg/L	-	-	---	<1	<1	---	<1	---	<1	<1	
1,2-dibromoethane	µg/L	-	-	---	<1	<1	---	<1	---	<1	<1	
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	---	<1	<1	---	<1	---	<1	<1	
1,3-Dichloropropene	µg/L	-	-	---	---	---	---	---	---	---	---	
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---	---	---	---	---	<2	<2	
1,2-dichloropropane	µg/L	-	-	---	<1	<1	---	<1	---	<1	<1	
1,3,5-trimethylbenzene	µg/L	-	-	---	<1	<1	---	<1	---	<1	<1	
1,3-dichloropropane	µg/L	-	-	---	<1	<1	---	<1	---	<1	<1	
2,2-dichloropropane	µg/L	-	-	---	<2	<1	---	<1	---	<2	<2	
Trihalomethanes	µg/L	100 ^{#1}	-	---	---	---	---	---	---	<7	<7	
2-chlorotoluene	µg/L	-	-	---	<1	<1	---	<1	---	<1	<1	
4-chlorotoluene	µg/L	-	-	---	<1	<1	---	<1	---	<1	<1	
Bromobenzene	µg/L	-	-	---	<1	<1	---	<1	---	<1	<1	
Bromochloromethane	µg/L	-	-	---	<4	<1	---	<1	---	<4	<4	
Bromodichloromethane	µg/L	25 ^{#15}	-	---	<4	<1	---	<1	---	<4	<4	
Bromoform	µg/L	25 ^{#15}	-	---	<1	<1	---	<1	---	<1	<1	
Bromomethane	µg/L	-	-	---	<1	<1	---	<1	---	<1	<1	
Carbon disulfide	µg/L	-	-	---	---	<1	---	<1	---	---	---	
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	---	<1	<1	---	<1	---	<1	<1	
Chlorodibromomethane	µg/L	25 ^{#15}	-	---	<1	<1	---	<1	---	<1	<1	
Chloroethane	µg/L	-	-	---	<1	<1	---	<1	---	<1	<1	



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		B-BH15	B-BH15	B-BH15	B-BH15	B-BH15	B-BH15	B-BH18	B-BH18
Well		S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		24-09043	24-15877	703094	703094	704421	704421	23-19248	23-26025
Date		30 Apr 2024	29 Jul 2024	07 Aug 2023	07 Aug 2023	30 Aug 2023	30 Aug 2023	07 Aug 2023	01 Nov 2023
Depth		3.82 - 8.48	3.93 - 8.48	7	7	6.5	6.5	3.24 - 11.16	3.23 - 11.11
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	---	<1	<1	---	<1	<1
Chloromethane	µg/L	-	-	---	<1	<1	---	<1	<1
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	<1	<1	---	<1	<1
Dibromomethane	µg/L	-	-	---	<1	<1	---	<1	<1
Dichlorodifluoromethane	µg/L	-	-	---	<1	<1	---	<1	<1
Dichloromethane	µg/L	-	20 ^{#19}	---	<27	<3	---	<27	<27
Isopropylbenzene	µg/L	-	-	---	<1	<1	---	<1	<1
n-butylbenzene	µg/L	-	-	---	<1	<1	---	<1	<1
n-propylbenzene	µg/L	-	-	---	<1	<1	---	<1	<1
p-isopropyltoluene	µg/L	-	-	---	<1	<1	---	<1	<1
sec-butylbenzene	µg/L	-	-	---	<1	<1	---	<1	<1
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	<1	<1	---	<1	<1
tert-butylbenzene	µg/L	-	-	---	<1	<1	---	<1	<1
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	<1	<1	---	<1	<1
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	<1	<1	---	<1	<1
Trichlorofluoromethane	µg/L	-	-	---	<1	<1	---	<1	<1
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	<1	<1	---	<1	<1
tert-Amyl methyl ether	µg/L	-	-	---	---	<1	---	<5	<5
VOC/SVOC									
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1	<1	---	<1	<1
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1	<1	---	<1	<1
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1	<1	---	<1	<1
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	<1	---	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<2	<1	---	<2	<2
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1	<1	---	<1	<1
Chlorobenzene	µg/L	100 ^{#18}	-	---	<1	<1	---	<1	<1
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	---	<1	<1	---	<1	<1
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	---	---	<2	<2
SVOC									
1,4-dinitrobenzene	µg/L	-	-	---	<10	---	---	<1	<1
Benzyl alcohol	µg/L	-	-	---	<10	---	---	<1	<1
4-bromophenyl phenyl ether	µg/L	-	-	---	<10	<2	---	<1	<1
4-nitroaniline	µg/L	-	-	---	<10	<2	---	<1	<1
4-nitrophenol	µg/L	-	-	---	<10	<2	---	<1	<1
catechol (o-dihydroxybenzene) (filtered)	µg/L	-	-	---	---	<10	---	---	---
1,3-Dinitrobenzene	µg/L	-	-	---	<10	---	---	<1	<1
1-Methylnaphthalene	µg/L	-	-	---	<10	---	---	<1	<1
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	<10	---	---	<1	<1
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	<10	---	---	<1	<1
2,3,5-Trimethylphenol (filtered)	µg/L	-	-	---	---	<3	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	---	<10	<2	---	<1	<1
2,4,6-trichlorophenol	µg/L	-	-	---	<10	<2	---	<0.1	<0.1
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	---	<10	<2	---	<0.1	<0.1
2,4-dimethylphenol	µg/L	-	-	---	<10	<2	---	<0.1	<0.1
2,4-dinitrotoluene	µg/L	-	-	---	<10	<2	---	<1	<1
2,6-dichlorophenol	µg/L	-	-	---	---	---	---	<0.1	<0.1
2,6-Dimethylphenol	µg/L	-	-	---	---	---	---	<0.1	<0.1
2,6-dinitrotoluene	µg/L	-	-	---	<10	<2	---	<1	<1
2-chloronaphthalene	µg/L	-	-	---	<10	<2	---	<1	<1
2-chlorophenol	µg/L	-	50 ^{#20}	---	<10	<2	---	<1	<1
2-Isopropylphenol (filtered)	µg/L	-	-	---	---	<6	---	---	---
2-methylnaphthalene	µg/L	-	-	---	<10	<2	---	<1	<1
2-methylphenol	µg/L	-	-	---	<10	<2	---	<1	<1
2-nitroaniline	µg/L	-	-	---	<10	<2	---	<1	<1
2-nitrophenol	µg/L	-	-	---	---	<2	---	---	---
3-nitroaniline	µg/L	-	-	---	<10	<2	---	<1	<1
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	<0.2	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	---	<10	<2	---	<0.1	<0.1
4-chloroaniline	µg/L	-	-	---	---	<2	---	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	<10	<2	---	<1	<1
4-methylphenol	µg/L	-	-	---	---	<2	---	<0.1	<0.1
Aniline	µg/L	-	-	---	<10	---	---	<1	<1
Azobenzene	µg/L	-	-	---	<10	<2	---	<1	<1
Bis(2-chloroethoxy) methane	µg/L	-	-	---	<10	<2	---	<1	<1
Bis(2-chloroethyl)ether	µg/L	-	-	---	---	<2	---	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	<10	---	---	<1	<1
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	<10	<4	---	<1	<1
Bis(2-ethylhexyl)ester	µg/L	-	-	---	---	---	---	<1	<1
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	<10	<2	---	<1	<1



				Monitoring Unit	TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
				Location Code	B-BH15	B-BH15	B-BH15	B-BH15	B-BH15	B-BH15	B-BH18	B-BH18
				Well	S	S	S	S	S	S	S	S
				Matrix Type	Water	Water	Water	Water	Water	Water	Water	Water
				Lab Report Number	24-09043	24-15877	703094	703094	704421	704421	23-19248	23-26025
				Date	30 Apr 2024	29 Jul 2024	07 Aug 2023	07 Aug 2023	30 Aug 2023	30 Aug 2023	07 Aug 2023	01 Nov 2023
				Depth	3.82 - 8.48	3.93 - 8.48	7	7	6.5	6.5	3.24 - 11.16	3.23 - 11.11
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS									
Carbazole	µg/L	-	-	---	<10	<2	---	---	<4	---	<1	<1
Di(2-ethylhexyl)adipate	µg/L	-	-	---	<10	---	---	---	---	---	<1	---
Dibenzofuran	µg/L	-	-	---	<10	<2	---	---	<4	---	<1	<1
Diethylphthalate	µg/L	-	200 ^{#20}	---	<10	<2	---	---	<4	---	<1	<1
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	<10	<2	---	---	<4	---	<1	<1
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	<10	<2	---	---	<4	---	<1	1.3
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	<10	<10	---	---	<20	---	<1	<1
Diphenylamine	µg/L	-	-	---	<10	---	---	---	---	---	<1	<1
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	---	<10	<2	---	---	<4	---	<1	<1
Hexachlorocyclopentadiene	µg/L	-	-	---	<10	<2	---	---	<4	---	<1	<1
Hexachloroethane	µg/L	-	-	---	---	<2	---	---	<4	---	---	---
Isophorone	µg/L	-	-	---	---	<2	---	---	<4	---	---	---
Nitrobenzene	µg/L	-	-	---	---	<2	---	---	<4	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	<2	---	---	<4	---	---	---
Pentachlorophenol	µg/L	-	0.4 ^{#19}	---	<10	<2	---	---	<0.08	---	<1	<1
PCB												
PCB 12	µg/L	-	-	---	---	---	---	---	---	---	<1	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---	---	---	---	---	---	<0.3	<0.3
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---	---	---	---	---	---	<0.3	<0.3
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---	---	---	---	---	---	<0.2	<0.2
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---	---	---	---	---	---	<0.3	<0.3
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---	---	---	---	---	---	<0.2	<0.2
PCB 101	µg/L	-	-	---	---	---	---	---	---	---	<0.3	<0.3
PCB 118 + PCB 123	mg/L	-	-	---	---	---	---	---	---	---	<0.0006	<0.0006
PCB 138	µg/L	-	-	---	---	---	---	---	---	---	<0.2	<0.2
PCB 153	µg/L	-	-	---	---	---	---	---	---	---	<0.2	<0.2
PCB 180	µg/L	-	-	---	---	---	---	---	---	---	<0.2	<0.2
PCB 28 + PCB 31	µg/L	-	-	---	---	---	---	---	---	---	<0.3	<0.3
PCB 52	µg/L	-	-	---	---	---	---	---	---	---	<0.2	<0.2
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---	---	---	---	---	---	<0.2	<0.2
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---	---	---	---	---	---	<0.3	<0.3
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---	---	---	---	---	---	<0.5	<0.5
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---	---	---	---	---	---	<0.3	<0.3
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---	---	---	---	---	---	<0.2	<0.2
Total PCB 7 Congeners	µg/L	-	-	---	---	---	---	---	---	---	<1	<1
Total PCB WHO 12	µg/L	-	-	---	---	---	---	---	---	---	<1	<1
PCBs (Sum of total)	µg/L	-	-	---	---	---	---	---	---	---	<1	---
Solvents												
4-Methyl-2-pentanone	µg/L	-	-	---	---	---	---	---	---	---	---	---
Acetone	µg/L	-	-	---	---	---	---	---	---	---	---	---
Tetrahydrofuran	µg/L	-	-	---	---	---	---	---	---	---	---	---
Polybrominated Diphenyl Ethers												
BDE-100	ng/l	-	-	---	---	---	---	---	---	---	---	---
BDE-153	ng/l	-	-	---	---	---	---	---	---	---	---	---
BDE-154	ng/l	-	-	---	---	---	---	---	---	---	---	---
BDE-183	ng/l	-	-	---	---	---	---	---	---	---	---	---
BDE-28	ng/l	-	-	---	---	---	---	---	---	---	---	---
BDE-47	ng/l	-	-	---	---	---	---	---	---	---	---	---
BDE-99	ng/l	-	-	---	---	---	---	---	---	---	---	---
Sum of selected BDE	ng/l	-	-	---	---	---	---	---	---	---	---	---
BDE-209	ng/l	-	-	---	---	---	---	---	---	---	---	---
Organotins												
Dibutyltin	µg/L	-	-	---	---	---	---	---	---	---	---	---
Tetrabutyltin	µg/L	-	-	---	---	---	---	---	---	---	---	---
Tributyltin	µg/L	-	0.0002 ^{#19}	---	---	---	---	---	---	---	---	---
Triphenyltin	µg/L	-	0.0002 (MAC) ^{#37}	---	---	---	---	---	---	---	---	---
Alcohols												
Butyl alcohol, sec-	µg/L	-	-	---	---	---	---	---	---	---	---	---
1-Butanol	µg/L	-	-	---	---	---	---	---	---	---	---	---
Methyl Ethyl Ketone	µg/L	-	-	---	---	---	---	---	---	---	---	---
Ethanol	µg/L	-	-	---	---	---	---	---	---	---	---	---
Methanol	µg/L	-	-	---	---	---	---	---	---	---	---	---
Isobutanol	µg/L	-	-	---	---	---	---	---	---	---	---	---



Monitoring Unit				TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code				B-BH15	B-BH15	B-BH15	B-BH15	B-BH15	B-BH15	B-BH18	B-BH18
Well				S	S	S	S	S	S	S	S
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				24-09043	24-15877	703094	703094	704421	704421	23-19248	23-26025
Date				30 Apr 2024	29 Jul 2024	07 Aug 2023	07 Aug 2023	30 Aug 2023	30 Aug 2023	07 Aug 2023	01 Nov 2023
Depth				3.82 - 8.48	3.93 - 8.48	7	7	6.5	6.5	3.24 - 11.16	3.23 - 11.11
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
2-Propanol	µg/L	-	-	---	---	---	---	---	---	---	---
n-Heptanol	µg/L	-	-	---	---	---	---	---	---	---	---
n-Hexanol	µg/L	-	-	---	---	---	---	---	---	---	---
1-Propanol	µg/L	-	-	---	---	---	---	---	---	---	---
tert-Butyl alcohol	µg/L	12	12	---	---	---	---	---	---	---	---
Acetates											
n-Propyl Acetate	µg/L	-	-	---	---	---	---	---	---	---	---
1,2-butylacetate	µg/L	-	-	---	---	---	---	---	---	---	---
Ethyl acetate	µg/L	-	-	---	---	---	---	---	---	---	---
Iso-Propyl Acetate	µg/L	-	-	---	---	---	---	---	---	---	---
Methyl acetate	µg/L	-	-	---	---	---	---	---	---	---	---
Glycols											
1,3-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
1,3-Propanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
1,4-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Diethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Ethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Propylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Triethylene Glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Pesticides											
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	<0.1	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	<0.1	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	<0.2	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-Dichlorophenoxy Acetic Acid (D)	µg/L	-	-	---	---	---	---	<0.1	---	---	---
2,4-Dichloroprop	µg/L	-	-	---	---	---	---	<0.2	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	µg/L	-	-	---	---	---	---	<0.2	---	---	---
Atril (Ioxynil)	µg/L	-	10 ^{#20}	---	---	---	---	<0.1	---	---	---
Benazolin	µg/L	-	-	---	---	---	---	0.167	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	<0.08	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---	0.463	---	---	---
Dicamba	µg/L	-	-	---	---	---	---	<0.08	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	<0.2	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	0.235	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	<0.1	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	<0.08	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	<0.1	---	---	---



				Monitoring Unit	TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
				Location Code	B-BH18	B-BH18	B-BH18	B-BH18	B-BH18	B-BH18	B-BH22	B-BH22
				Well	S	S	S	S	S	S	S	S
				Matrix Type	Water	Water	Water	Water	Water	Water	Water	Water
				Lab Report Number	24-02275-1	24-08997	24-15698-1	703112	707635	707635	23-26022-0	721210
				Date	30 Jan 2024	30 Apr 2024	25 Jul 2024	21 Aug 2023	21 Sep 2023	21 Sep 2023	30 Oct 2023	02 Feb 2024
				Depth	3.1 - 11.05	3.25 - 11	3.31 - 11	0 - 0	8.6	8.6	3.46 - 9.49	7.5 - 7.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS									
Metals												
Aluminium (filtered)	µg/L	200 ^{#1}	-	15	15	<10	121	19.2	---	---	<10	<10
Antimony (filtered)	µg/L	5 ^{#1}	-	0.4	0.27	<0.17	---	---	---	---	0.54	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	8.3	6.9	5.4	10.3	7.78	---	---	11	5.54
Barium (filtered)	µg/L	1,300 ^{#2}	-	77	82	79	---	---	---	---	94	---
Beryllium (filtered)	µg/L	-	-	<0.1	<0.1	<0.1	---	---	---	---	<0.1	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	150	140	140	110	132	---	---	570	483
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	<0.03	<0.03	<0.03	<0.08	<0.08	---	---	<0.03	<0.08
Calcium (filtered)	mg/L	-	-	280	350	340	273	232	---	---	370	350
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	<7	<7	<7	---	---	---	---	<7	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	<30	<30	---	---	---	<30
Chromium	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	---	8.83	7.77	---	---	---	<1
Chromium (Trivalent) (filtered)	µg/L	-	-	<1	<1	<1	---	---	---	---	<1	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	<0.4	<0.4	<0.4	<0.3	<0.3	---	---	0.9	0.571
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	<50	<50	---	---	---	<50
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	<100	<100	---	---	---	<100
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	14	11	23	<19	<19	---	---	19	<19
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	<0.09	<0.09	<0.09	<0.2	<0.2	---	---	<0.09	<0.2
Magnesium	mg/L	-	-	---	---	---	---	---	---	---	---	---
Magnesium (filtered)	mg/L	-	-	6.6	3.9	3.5	1.16	3.75	---	---	25	18.4
Manganese	µg/L	50 ^{#1}	-	---	---	---	---	---	---	---	---	301
Manganese (filtered)	µg/L	50 ^{#1}	-	330	270	270	<3	75.9	---	---	240	225
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	<0.01	<0.01	<0.01	<0.01	<0.01	---	---	<0.01	<0.01
Molybdenum (filtered)	µg/L	70 ^{#3}	-	26	26	26	27.2	23.9	---	---	31	28.6
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	0.6	0.6	1.6	1.3	1.81	---	---	0.8	1.22
Potassium (filtered)	mg/L	-	-	44	38	40	37.8	45.1	---	---	120	120
Selenium (filtered)	µg/L	10 ^{#1}	-	<0.25	0.28	<0.25	<1	<1	---	---	0.35	<1
Silicon (filtered)	µg/L	-	-	---	---	---	6,310	2,160	---	---	---	2,740
Sodium (filtered)	mg/L	200 ^{#1}	-	56	49	51	47.4	32.8	---	---	220	177
Tin (filtered)	µg/L	-	10 ^{#25}	<0.4	<0.4	<0.4	---	---	---	---	<0.4	---
Titanium (filtered)	µg/L	-	-	<0.3	<0.3	<0.3	---	---	---	---	<0.3	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	<0.6	<0.6	<0.6	---	---	---	---	1.2	1.4
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	12	12	6.1	3	<1	---	---	6	31.3
Inorganics												
Total Hardness	mg/l	-	-	726	892	857	---	---	---	---	1,030	---
Alkalinity (Bicarbonate as CaCO3)	mg/L	-	-	---	---	---	<3	---	---	---	---	53.5
Alkalinity (Bicarbonate as CaCO3) (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---	47.8
Alkalinity (Bicarbonate) as HCO3	mg/L	-	-	---	---	---	---	32.9	---	---	---	---
Alkalinity (total) as CaCO3	mg/L	-	-	---	---	---	102	32.9	---	---	85	53.5
Alkalinity (total) as CaCO3 (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---	47.8
Carbonate	µg/L	-	-	37,000	33,000	31,000	---	---	---	---	---	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	5.3	5	2.6	---	---	---	---	2.9	---
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	3.6	3.54	---	---	---	2.68
Sulphate total (%) (filtered)	%	0.025 (SO4) ^{#5}	-	---	---	---	---	---	---	---	---	0.0361
Ammonia	mg/L	-	0.021 ^{#19}	---	---	---	---	---	---	---	---	3.05
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	4.1	3.9	2	---	---	---	---	2.3	2.51
Nitrate (as N)	mg/L	-	-	<0.1	<0.1	---	---	---	---	---	---	---
Nitrogen (Total)	µg/L	-	-	---	---	---	3,600	3,540	---	---	---	---
Nitrite (as N)	mg/L	-	-	<0.035	<0.035	---	---	---	---	---	---	---
Chloride	mg/L	250 ^{#1}	-	79	60	63	---	---	---	---	310	---
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	52.6	50.8	---	---	---	239
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	172
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	0.7	1.9	<20	---	---	---	---	0.6	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	<2.5	<2.5	---	---	---	<2.5
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	8.4	10	<40	---	---	---	---	19	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	5.32	7.06	---	---	---	19
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	7.7	8.4	20	---	---	---	---	18	---
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	<5	6.8	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#6}	-	---	---	<0.5	---	---	---	---	<10	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#6}	-	---	---	---	<0.3	<0.3	---	---	---	0.76
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#7}	-	---	---	15	---	---	---	---	<0.1	---

Monitoring Unit				TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code				B-BH18	B-BH18	B-BH18	B-BH18	B-BH18	B-BH18	B-BH22	B-BH22
Well				S	S	S	S	S	S	S	S
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				24-02275-1	24-08997	24-15698-1	703112	707635	707635	23-26022-0	721210
Date				30 Jan 2024	30 Apr 2024	25 Jul 2024	21 Aug 2023	21 Sep 2023	21 Sep 2023	30 Oct 2023	02 Feb 2024
Depth				3.1 - 11.05	3.25 - 11	3.31 - 11	0 - 0	8.6	8.6	3.46 - 9.49	7.5 - 7.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#7}	-	---	---	---	<0.05	<0.05	---	---	<0.05
Sulphate	mg/L	250 (SO4) ^{#5}	-	740	880	9.8	---	---	---	1,100	---
Sulphate (filtered)	mg/L	250 (SO4) ^{#5}	-	---	---	---	601	643	---	---	1,080
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	8.4	8	8.1	11.1	7.96	---	---	7.75
Sulphur as S	mg/L	-	-	410	360	360	260	250	---	470	490
Sulphide	µg/L	-	10 (MAC) ^{#29}	24	32	35	---	---	---	62	---
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	<10	<10	---	---	1,020
Thiocyanate (as SCN)	µg/L	-	-	180	150	160	---	---	---	78	---
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	100	80	---	---	120
Ortho phosphate as PO4	mg/l	-	-	0.16	0.08	0.08	---	---	---	0.06	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	---	<0.05	---	---	---	<0.05
Ionic Balance	%	-	-	100	98	94	3.34	-1.87	---	102	-0.646
Orthophosphate as P (filtered)	mg/l	-	-	---	---	---	---	<0.05	---	---	---
Silica	µg/L	-	-	4,500	2,400	5,400	---	---	---	6,500	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	7,200	<5,000	600	---	---	---	<10,000	---
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	658	661	---	---	<500
Other											
Carbon (filtered)	µg/L	-	-	---	---	---	---	6,150	---	---	---
Dissolved Inorganic Carbon (filtered)	µg/L	-	-	---	---	---	---	4,420	---	---	10,500
Inorganic Carbon (filtered)	µg/L	-	-	---	---	---	<3,000	---	---	---	---
Dissolved Organic Carbon (filtered)	µg/L	-	-	6,400	4,900	5,200	26,500	---	---	5,000	4,150
Solids, Suspended	mg/L	-	-	---	---	---	---	---	---	96	---
Total Dissolved Solids	mg/L	-	-	---	---	---	---	---	---	---	---
Total Suspended Solids	mg/L	-	-	<5	<5	36	41.6	123	---	---	98.6
TPH CWG											
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<0.1	<0.1	<0.1	<10	<10	---	<0.1	<10
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	<0.1	<0.1	<0.1	<10	<10	---	<0.1	<10
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	<0.1	<0.1	<0.1	<10	<10	---	<0.1	<10
>C10-C44 Aliphatics	µg/L	-	-	<1	<1	<1	---	---	---	---	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<1	<1	<1	<10	<10	---	<1	<10
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	<1	<1	<1	38	<10	---	7.3	<20
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	<1	<1	<1	47	<10	---	14	<20
>C16-C35 Aliphatics	µg/L	-	-	---	---	---	79	<10	---	16.1	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	<1	<1	<1	32	<10	---	2.1	<20
Total Aliphatics & Aromatics >C12-C35	µg/L	-	-	---	---	---	---	---	---	---	<20
>C35-C40 Aliphatics	µg/L	-	-	---	---	---	---	---	---	<1	---
>C35-C44 Aliphatics	µg/L	-	-	<1	<1	<1	---	---	---	---	---
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C40	µg/L	-	-	---	---	---	---	---	---	24	---
Total Aliphatics >C12-C35	µg/L	-	-	---	---	---	117	<10	---	---	<20
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	<0.1	<0.1	<0.1	---	---	---	<0.1	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<0.1	<0.1	<0.1	<10	<10	---	<0.1	<10
>EC10-EC44 Aromatics	µg/L	-	-	<1	<1	<1	---	---	---	---	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	<0.1	<0.1	<0.1	<10	<10	---	<0.1	<10
>EC6-EC7 Aromatics	µg/L	-	-	---	---	---	<10	<10	---	---	<10
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	<1	<1	<1	<10	<10	---	<1	<10
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	<1	<1	<1	33	<10	---	<1	<20
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	<1	<1	<1	14	<10	---	<1	<20
>EC35-EC40 Aromatics	µg/L	-	-	---	---	---	---	---	---	<1	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	<1	<1	<1	22	<10	---	<1	<20
>EC35-EC44 Aromatics	µg/L	-	-	<1	<1	<1	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	<1	<1	<1	---	---	---	---	---
Total Aromatics >EC5-EC40	µg/L	-	-	---	---	---	---	---	---	<10	---
Total Aromatics >EC12-EC35	µg/L	-	-	---	---	---	69	<10	---	---	<50
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	---	---	188	<10	---	---	<10
TPH >C5-C40 Aliphatics/Aromatics	µg/L	-	-	---	---	---	---	---	---	24	---
TPH >C5-C44 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	<10	<10	<10	---	---	---	---	---
TPH											
EPH >C10-40	µg/L	-	-	<10	21	66	---	---	---	110	---
GRO >C5-12	µg/L	-	-	---	---	---	<50	<50	---	---	---
GRO C5-C10	µg/L	-	-	<1	<1	<1	---	---	---	<1	<50
BTEX and MTBE											
Benzene	µg/L	1 ^{#1}	8 ^{#19}	<1	<1	<1	<1	<1	---	<1	<1
Toluene	µg/L	700 ^{#2}	74 ^{#19}	<5	<1	<1	<1	<1	---	<1	<1
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	<5	<1	<1	<1	<1	---	<1	<1
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	<10	---	---	<1	<1	---	<2	<1
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	<5	---	---	<1	<1	---	<1	<1
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	---	<1	<1	<2	<2	---	<3	<2
MTBE	µg/L	15 ^{#10}	15 ^{#10}	<10	---	---	<1	<1	---	<1	<1
Total BTEX	µg/L	-	-	---	---	---	<5	<5	---	---	<5



				Monitoring Unit	TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
				Location Code	B-BH18	B-BH18	B-BH18	B-BH18	B-BH18	B-BH18	B-BH22	B-BH22
				Well	S	S	S	S	S	S	S	S
				Matrix Type	Water	Water	Water	Water	Water	Water	Water	Water
				Lab Report Number	24-02275-1	24-08997	24-15698-1	703112	707635	707635	23-26022-0	721210
				Date	30 Jan 2024	30 Apr 2024	25 Jul 2024	21 Aug 2023	21 Sep 2023	21 Sep 2023	30 Oct 2023	02 Feb 2024
				Depth	3.1 - 11.05	3.25 - 11	3.31 - 11	0 - 0	8.6	8.6	3.46 - 9.49	7.5 - 7.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS									
PAH												
Naphthalene	µg/L	-	2 ^{#19}	<0.05	<0.05	2.9	<0.01	<0.01	---	0.06	0.0503	
Acenaphthene	µg/L	-	-	0.01	<0.01	0.22	<0.005	<0.005	---	<0.01	<10	
Acenaphthylene	µg/L	-	-	<0.01	<0.01	<0.01	<0.005	<0.005	---	0.01	<0.005	
Fluoranthene	µg/L	-	0.0063 ^{#19}	0.07	<0.01	<0.01	<0.005	<8	0.00684	0.06	<10	
Anthracene	µg/L	-	0.1 ^{#19}	<0.01	<0.01	<0.01	<0.005	<0.005	---	<0.01	<0.005	
Phenanthrene	µg/L	-	-	0.06	0.01	0.01	<0.005	<8	0.0127	0.05	<10	
Fluorene	µg/L	-	-	0.01	<0.01	0.02	<0.005	<0.005	---	0.01	<10	
Chrysene	µg/L	-	-	<0.01	<0.01	<0.01	<0.005	<0.005	---	0.02	<0.005	
Pyrene	µg/L	-	-	0.04	<0.01	0.02	<0.005	<8	0.00524	0.04	<10	
Benzo(a)anthracene	µg/L	-	-	<0.01	<0.01	<0.01	<0.005	<0.005	---	0.02	<0.005	
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	<0.01	<0.01	<0.005	<0.005	---	0.03	<0.005	
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	<0.01	<0.01	<0.005	<0.005	---	0.01	<0.005	
Benzo(b+k)fluoranthene	µg/L	-	-	---	---	---	---	---	---	0.04	---	
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	<0.01	<0.01	<0.01	<0.002	<0.002	---	0.03	<0.002	
Dibenz(a,h)anthracene	µg/L	-	-	<0.01	<0.01	<0.01	<0.005	<0.005	---	<0.01	<0.005	
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	<0.01	<0.01	<0.005	<0.005	---	0.02	<0.005	
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.01	<0.01	<0.01	<0.005	<0.005	---	0.03	<0.005	
PAH 16 Total	µg/L	-	-	<0.2	<0.2	3.1	<0.082	<0.082	---	0.41	0.116	
Phenolics												
Total Phenols (monohydric)	µg/L	-	-	<100	<100	<100	---	---	---	<100	---	
Total Phenols of 8 Speciated (filtered)	µg/L	-	-	---	---	---	<45	<45	---	---	<45	
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	---	---	---	<1	---	
Xylenols	µg/L	-	-	---	---	---	---	---	---	---	---	
Xylenols (filtered)	µg/L	-	-	---	---	---	<8	<8	---	---	<8	
1-naphthol (filtered)	µg/L	-	-	---	---	---	<10	<10	---	---	<10	
Cresol Total (filtered)	µg/L	-	-	---	---	---	<6	<6	---	---	<6	
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	---	---	<10	<8	---	<0.1	<10	
Phenol (filtered)	µg/L	5,800 ^{#12}	7.7 ^{#19}	---	---	---	<2	<2	---	---	<2	
Resorcinol (m-dihydroxybenzene) (filtered)	µg/L	-	-	---	---	---	<10	<10	---	---	<10	
Phenols Monohydric	µg/L	-	-	---	---	---	---	---	---	---	---	
VOC												
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---	---	---	---	---	<2	---	
Styrene	µg/L	-	50 ^{#20}	---	---	---	<1	<1	---	<1	<1	
cis-1,3-dichloropropene	µg/L	-	-	---	---	---	<1	<1	---	<1	<1	
trans-1,3-dichloropropene	µg/L	-	-	---	---	---	<1	<1	---	<1	<1	
1,1,1,2-tetrachloroethane	µg/L	-	-	---	---	---	<1	<1	---	<1	<1	
n-Pentanol	µg/L	-	-	---	---	---	---	---	---	---	---	
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	---	---	---	<1	<1	---	<1	<1	
1,1,2,2-tetrachloroethane	µg/L	-	-	---	---	---	<1	<1	---	<1	<1	
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	---	---	---	<1	<1	---	<1	<1	
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	---	---	---	<1	<1	---	<1	<1	
1,1-dichloroethene	µg/L	140 ^{#14}	-	---	---	---	<1	<1	---	<1	<1	
1,1-dichloropropene	µg/L	-	-	---	---	---	<1	<1	---	<1	<1	
1,2,3-trichloropropane	µg/L	-	-	---	---	---	<1	<1	---	<1	<1	
1,2,4-trimethylbenzene	µg/L	-	-	---	---	---	<1	<1	---	<1	<1	
1,2-dibromo-3-chloropropane	µg/L	-	-	---	---	---	<1	<1	---	<1	<1	
1,2-dibromoethane	µg/L	-	-	---	---	---	<1	<1	---	<1	<1	
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	---	---	---	<1	<1	---	<1	<1	
1,3-Dichloropropene	µg/L	-	-	---	---	---	---	---	---	---	---	
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---	---	---	---	---	<2	---	
1,2-dichloropropane	µg/L	-	-	---	---	---	<1	<1	---	<1	<1	
1,3,5-trimethylbenzene	µg/L	-	-	---	---	---	<1	<1	---	<1	<1	
1,3-dichloropropane	µg/L	-	-	---	---	---	<1	<1	---	<1	<1	
2,2-dichloropropane	µg/L	-	-	---	---	---	<1	<1	---	<2	<1	
Trihalomethanes	µg/L	100 ^{#1}	-	---	---	---	---	---	---	<7	---	
2-chlorotoluene	µg/L	-	-	---	---	---	<1	<1	---	<1	<1	
4-chlorotoluene	µg/L	-	-	---	---	---	<1	<1	---	<1	<1	
Bromobenzene	µg/L	-	-	---	---	---	<1	<1	---	<1	<1	
Bromochloromethane	µg/L	-	-	---	---	---	<1	<1	---	<4	<1	
Bromodichloromethane	µg/L	25 ^{#15}	-	---	---	---	<1	<1	---	<4	<1	
Bromoform	µg/L	25 ^{#15}	-	---	---	---	<1	<2	---	<1	<1	
Bromomethane	µg/L	-	-	---	---	---	<1	<1	---	<1	<1	
Carbon disulfide	µg/L	-	-	---	---	---	<1	<1	---	---	<1	
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	---	---	---	<1	<1	---	<1	<1	
Chlorodibromomethane	µg/L	25 ^{#15}	-	---	---	---	<1	<1	---	<1	<1	
Chloroethane	µg/L	-	-	---	---	---	<1	<1	---	<1	<1	



Monitoring Unit				TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code				B-BH18	B-BH18	B-BH18	B-BH18	B-BH18	B-BH18	B-BH22	B-BH22
Well				S	S	S	S	S	S	S	S
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				24-02275-1	24-08997	24-15698-1	703112	707635	707635	23-26022-0	721210
Date				30 Jan 2024	30 Apr 2024	25 Jul 2024	21 Aug 2023	21 Sep 2023	21 Sep 2023	30 Oct 2023	02 Feb 2024
Depth				3.1 - 11.05	3.25 - 11	3.31 - 11	0 - 0	8.6	8.6	3.46 - 9.49	7.5 - 7.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	---	---	---	<1	<1	---	<1	<1
Chloromethane	µg/L	-	-	---	---	---	<1	<1	---	<1	<1
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	---	<1	<1	---	<1	<1
Dibromomethane	µg/L	-	-	---	---	---	<1	<1	---	<1	<1
Dichlorodifluoromethane	µg/L	-	-	---	---	---	<1	<1	---	<1	<1
Dichloromethane	µg/L	-	20 ^{#19}	---	---	---	<3	<3	---	<27	<3
Isopropylbenzene	µg/L	-	-	---	---	---	<1	<1	---	<1	<1
n-butylbenzene	µg/L	-	-	---	---	---	<1	<1	---	<1	<1
n-propylbenzene	µg/L	-	-	---	---	---	<1	<1	---	<1	<1
p-isopropyltoluene	µg/L	-	-	---	---	---	<1	<1	---	<1	<1
sec-butylbenzene	µg/L	-	-	---	---	---	<1	<1	---	<1	<1
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	---	<1	<1	---	<1	<1
tert-butylbenzene	µg/L	-	-	---	---	---	<1	<1	---	<1	<1
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	---	<1	<1	---	<1	<1
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	---	<1	<1	---	<1	<1
Trichlorofluoromethane	µg/L	-	-	---	---	---	<1	<1	---	<1	<1
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	---	---	<1	<1	---	<1	<1
tert-Amyl methyl ether	µg/L	-	-	<5	---	---	<1	<1	---	<5	<1
VOC/SVOC											
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	<1	<1	---	<1	<1
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	<1	<1	---	<1	<1
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	<1	<1	---	<1	<1
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	<1	<1	---	---	<1
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	<1	<1	---	<2	<1
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	---	---	<1	<1	---	<1	<1
Chlorobenzene	µg/L	100 ^{#18}	-	---	---	---	<1	<1	---	<1	<1
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	---	---	---	<1	<1	---	<1	<1
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---	---	---	---	---	<2	---
SVOC											
1,4-dinitrobenzene	µg/L	-	-	---	---	---	---	---	---	<1	---
Benzyl alcohol	µg/L	-	-	---	---	---	---	---	---	<1	---
4-bromophenyl phenyl ether	µg/L	-	-	---	---	---	<10	<8	---	<1	<10
4-nitroaniline	µg/L	-	-	---	---	---	<10	<8	---	<1	<10
4-nitrophenol	µg/L	-	-	---	---	---	<10	<8	---	<1	<10
catechol (o-dihydroxybenzene) (filtered)	µg/L	-	-	---	---	---	<10	<10	---	---	<10
1,3-Dinitrobenzene	µg/L	-	-	---	---	---	---	---	---	<1	---
1-Methylnaphthalene	µg/L	-	-	---	---	---	---	---	---	<1	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	---	---	---	---	---	<1	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	---	---	---	---	---	<1	---
2,3,5-Trimethylphenol (filtered)	µg/L	-	-	---	---	---	<3	<3	---	---	<3
2,4,5-trichlorophenol	µg/L	-	-	---	---	---	<10	<8	---	<1	<10
2,4,6-trichlorophenol	µg/L	-	-	---	---	---	<10	<8	---	<0.1	<10
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	---	---	---	<10	<8	---	<0.1	<10
2,4-dimethylphenol	µg/L	-	-	---	---	---	<10	<8	---	<0.1	<10
2,4-dinitrotoluene	µg/L	-	-	---	---	---	<10	<8	---	<1	<10
2,6-dichlorophenol	µg/L	-	-	---	---	---	---	---	---	<0.1	---
2,6-Dimethylphenol	µg/L	-	-	---	---	---	---	---	---	<0.1	---
2,6-dinitrotoluene	µg/L	-	-	---	---	---	<10	<8	---	<1	<10
2-chloronaphthalene	µg/L	-	-	---	---	---	<10	<8	---	<1	<10
2-chlorophenol	µg/L	-	50 ^{#20}	---	---	---	<10	<8	---	<1	<10
2-Isopropylphenol (filtered)	µg/L	-	-	---	---	---	<6	<6	---	---	<6
2-methylnaphthalene	µg/L	-	-	---	---	---	<10	<8	---	<1	<10
2-methylphenol	µg/L	-	-	---	---	---	<10	<8	---	<1	<10
2-nitroaniline	µg/L	-	-	---	---	---	<10	<8	---	<1	<10
2-nitrophenol	µg/L	-	-	---	---	---	<10	<8	---	---	<10
3-nitroaniline	µg/L	-	-	---	---	---	<10	<8	---	<1	<10
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	---	<0.1	---	---	<0.5
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	---	---	---	<10	<8	---	<0.1	<10
4-chloroaniline	µg/L	-	-	---	---	---	<10	<8	---	---	<10
4-chlorophenyl phenyl ether	µg/L	-	-	---	---	---	<10	<8	---	<1	<10
4-methylphenol	µg/L	-	-	---	---	---	<10	<8	---	<0.1	<10
Aniline	µg/L	-	-	---	---	---	---	---	---	<1	---
Azobenzene	µg/L	-	-	---	---	---	<10	<8	---	<1	<10
Bis(2-chloroethoxy) methane	µg/L	-	-	---	---	---	<10	<8	---	<1	<10
Bis(2-chloroethyl)ether	µg/L	-	-	---	---	---	<10	<8	---	---	<10
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	---	---	---	<1	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	---	---	<20	<16	---	<1	<20
Bis(2-ethylhexyl)ester	µg/L	-	-	---	---	---	---	---	---	<1	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	---	---	<10	<8	---	<1	<10



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		B-BH18	B-BH18	B-BH18	B-BH18	B-BH18	B-BH18	B-BH22	B-BH22
Well		S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		24-02275-1	24-08997	24-15698-1	703112	707635	707635	23-26022-0	721210
Date		30 Jan 2024	30 Apr 2024	25 Jul 2024	21 Aug 2023	21 Sep 2023	21 Sep 2023	30 Oct 2023	02 Feb 2024
Depth		3.1 - 11.05	3.25 - 11	3.31 - 11	0 - 0	8.6	8.6	3.46 - 9.49	7.5 - 7.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Carbazole	µg/L	-	-	---	<10	<8	---	<1	<10
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---	---	---	---	---
Dibenzofuran	µg/L	-	-	---	<10	<8	---	<1	<10
Diethylphthalate	µg/L	-	200 ^{#20}	---	<10	<8	---	<1	<10
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	<10	<8	---	<1	<10
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	<10	<8	---	<1	<10
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	<50	<40	---	<1	<50
Diphenylamine	µg/L	-	-	---	---	---	---	<1	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	---	<10	<8	---	<1	<10
Hexachlorocyclopentadiene	µg/L	-	-	---	<10	<8	---	<1	<10
Hexachloroethane	µg/L	-	-	---	<10	<8	---	---	<10
Isophorone	µg/L	-	-	---	<10	<8	---	---	<10
Nitrobenzene	µg/L	-	-	---	<10	<8	---	---	<10
N-nitrosodi-n-propylamine	µg/L	-	-	---	<10	<8	---	---	<10
Pentachlorophenol	µg/L	-	0.4 ^{#19}	---	<10	<0.04	---	<1	<0.2
PCB									
PCB 12	µg/L	-	-	---	---	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---	---	---	<0.3	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---	---	---	<0.3	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---	---	---	<0.2	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---	---	---	<0.3	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---	---	---	<0.2	---
PCB 101	µg/L	-	-	---	---	---	---	<0.3	---
PCB 118 + PCB 123	mg/L	-	-	---	---	---	---	<0.0006	---
PCB 138	µg/L	-	-	---	---	---	---	<0.2	---
PCB 153	µg/L	-	-	---	---	---	---	<0.2	---
PCB 180	µg/L	-	-	---	---	---	---	<0.2	---
PCB 28 + PCB 31	µg/L	-	-	---	---	---	---	<0.3	---
PCB 52	µg/L	-	-	---	---	---	---	<0.2	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---	---	---	<0.2	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---	---	---	<0.3	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---	---	---	<0.5	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---	---	---	<0.3	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---	---	---	<0.2	---
Total PCB 7 Congeners	µg/L	-	-	---	---	---	---	<1	---
Total PCB WHO 12	µg/L	-	-	---	---	---	---	<1	---
PCBs (Sum of total)	µg/L	-	-	---	---	---	---	---	---
Solvents									
4-Methyl-2-pentanone	µg/L	-	-	---	---	---	---	---	---
Acetone	µg/L	-	-	---	---	---	---	---	---
Tetrahydrofuran	µg/L	-	-	---	---	---	---	---	---
Polybrominated Diphenyl Ethers									
BDE-100	ng/l	-	-	---	---	<0.43	---	---	---
BDE-153	ng/l	-	-	---	---	<0.28	---	---	---
BDE-154	ng/l	-	-	---	---	<0.3	---	---	---
BDE-183	ng/l	-	-	---	---	<0.37	---	---	---
BDE-28	ng/l	-	-	---	---	<0.35	---	---	---
BDE-47	ng/l	-	-	---	---	<0.32	---	---	---
BDE-99	ng/l	-	-	---	---	<0.41	---	---	---
Sum of selected BDE	ng/l	-	-	---	---	<1	---	---	---
BDE-209	ng/l	-	-	---	---	<1	---	---	---
Organotins									
Dibutyltin	µg/L	-	-	---	---	<0.03	---	---	<0.03
Tetrabutyltin	µg/L	-	-	---	---	<0.012	---	---	<0.012
Tributyltin	µg/L	-	0.0002 ^{#19}	---	---	<0.006	---	---	<0.006
Triphenyltin	µg/L	-	0.0002 (MAC) ^{#37}	---	---	<0.006	---	---	<0.006
Alcohols									
Butyl alcohol, sec-	µg/L	-	-	---	---	---	---	---	---
1-Butanol	µg/L	-	-	---	---	---	---	---	---
Methyl Ethyl Ketone	µg/L	-	-	---	---	---	---	---	---
Ethanol	µg/L	-	-	---	---	---	---	---	---
Methanol	µg/L	-	-	---	---	---	---	---	---
Isobutanol	µg/L	-	-	---	---	---	---	---	---



				Monitoring Unit	TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
				Location Code	B-BH18	B-BH18	B-BH18	B-BH18	B-BH18	B-BH18	B-BH22	B-BH22
				Well	S	S	S	S	S	S	S	S
				Matrix Type	Water	Water	Water	Water	Water	Water	Water	Water
				Lab Report Number	24-02275-1	24-08997	24-15698-1	703112	707635	707635	23-26022-0	721210
				Date	30 Jan 2024	30 Apr 2024	25 Jul 2024	21 Aug 2023	21 Sep 2023	21 Sep 2023	30 Oct 2023	02 Feb 2024
				Depth	3.1 - 11.05	3.25 - 11	3.31 - 11	0 - 0	8.6	8.6	3.46 - 9.49	7.5 - 7.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS									
2-Propanol	µg/L	-	-	---	---	---	---	---	---	---	---	---
n-Heptanol	µg/L	-	-	---	---	---	---	---	---	---	---	---
n-Hexanol	µg/L	-	-	---	---	---	---	---	---	---	---	---
1-Propanol	µg/L	-	-	---	---	---	---	---	---	---	---	---
tert-Butyl alcohol	µg/L	12	12	---	---	---	---	---	---	---	---	---
Acetates												
n-Propyl Acetate	µg/L	-	-	---	---	---	---	---	---	---	---	---
1,2-butylacetate	µg/L	-	-	---	---	---	---	---	---	---	---	---
Ethyl acetate	µg/L	-	-	---	---	---	---	---	---	---	---	---
Iso-Propyl Acetate	µg/L	-	-	---	---	---	---	---	---	---	---	---
Methyl acetate	µg/L	-	-	---	---	---	---	---	---	---	---	---
Glycols												
1,3-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	<2,000	---	---	<2,000
1,3-Propanediol (filtered)	µg/L	-	-	---	---	---	---	---	<2,000	---	---	<2,000
1,4-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	<2,000	---	---	<2,000
Diethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	<3,000	---	---	<2,000
Ethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	<5,000	---	---	<5,000
Propylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	<5,000	---	---	<5,000
Triethylene Glycol (filtered)	µg/L	-	-	---	---	---	---	---	<3,000	---	---	<2,000
Pesticides												
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	---	<0.05	---	---	<0.25
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	---	<0.05	---	---	<0.25
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	---	<0.1	---	---	<0.5
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---	<0.05	---	---	<0.25
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---	<0.1	---	---	---
2,4-Dichlorophenoxy Acetic Acid (D)	µg/L	-	-	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	µg/L	-	-	---	---	---	---	---	<0.1	---	---	<0.5
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	µg/L	-	-	---	---	---	---	---	---	---	---	<0.5
Acril (Ioxynil)	µg/L	-	10 ^{#20}	---	---	---	---	---	<0.05	---	---	<0.25
Benazolin	µg/L	-	-	---	---	---	---	---	<0.04	---	---	<0.2
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	---	<0.04	---	---	<0.2
Clopyralid	µg/L	-	-	---	---	---	---	---	0.206	---	---	<0.2
Dicamba	µg/L	-	-	---	---	---	---	---	<0.04	---	---	<0.2
Fluroxypyr	µg/L	-	-	---	---	---	---	---	<0.1	---	---	<0.5
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	<0.05	---	---	<0.25
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	<0.05	---	---	<0.25
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	<0.04	---	---	<0.2
Triclopyr	µg/L	-	-	---	---	---	---	---	<0.05	---	---	<0.25



Monitoring Unit				TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code				B-BH22	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30
Well				S	S	S	S	S	S	S	S
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				721210	23-19236	23-25409	24-02275-1	24-08997	24-15497-1	703110	703110
Date				02 Feb 2024	09 Aug 2023	25 Oct 2023	31 Jan 2024	30 Apr 2024	24 Jul 2024	17 Aug 2023	17 Aug 2023
Depth				7.5 - 7.5	3.77 - 10.04	3.93 - 9.96	3.57 - 9.96	4.78 - 9.92	3.86 - 10	0 - 0	0 - 0
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	---	<10	160	32	22	29	145	---
Antimony (filtered)	µg/L	5 ^{#1}	-	---	0.49	0.83	1.2	1.2	2.3	---	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	---	4.8	8.2	20	17	17	5.99	---
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	92	83	43	38	53	---	---
Beryllium (filtered)	µg/L	-	-	---	<0.1	<0.1	<0.1	<0.1	<0.1	---	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	190	150	290	310	320	96.2	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	---	<0.03	0.06	<0.03	<0.03	0.04	0.157	---
Calcium (filtered)	mg/L	-	-	---	260	220	170	190	180	218	---
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	<7	<7	<7	<7	<7	---	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	<30	---
Chromium	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	1.1	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	---	---	---	---	---	---	14.5	---
Chromium (Trivalent) (filtered)	µg/L	-	-	---	<1	<1	<1	<1	<1	---	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	---	2.8	9.8	<0.4	<0.4	0.6	0.571	---
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	<50	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	<100	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	---	6.2	<5.5	6.5	21	27	<19	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	---	<0.09	0.56	<0.09	0.1	0.41	<0.2	---
Magnesium	mg/L	-	-	---	---	---	---	---	---	---	---
Magnesium (filtered)	mg/L	-	-	---	0.39	2	12	15	11	0.293	---
Manganese	µg/L	50 ^{#1}	-	---	---	---	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	---	0.43	21	13	14	5.7	<3	---
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	---	0.02	0.04	0.07	0.04	0.05	<0.01	---
Molybdenum (filtered)	µg/L	70 ^{#3}	-	---	95	100	48	47	42	119	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	---	1	2.4	1.2	1.5	1.7	1.59	---
Potassium (filtered)	mg/L	-	-	---	85	100	120	120	120	88	---
Selenium (filtered)	µg/L	10 ^{#1}	-	---	0.93	0.45	1.1	0.8	3	<1	---
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---	6,260	---
Sodium (filtered)	mg/L	200 ^{#1}	-	---	320	220	240	230	230	176	---
Tin (filtered)	µg/L	-	10 ^{#25}	---	<0.4	0.5	<0.4	<0.4	<0.4	---	---
Titanium (filtered)	µg/L	-	-	---	<0.3	3.5	<0.3	<0.3	0.4	---	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	11	14	2.9	1.5	2.7	---	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	---	5.9	4.1	5	38	5.1	1.93	---
Inorganics											
Total Hardness	mg/l	-	-	---	644	560	471	542	499	---	---
Alkalinity (Bicarbonate as CaCO3)	mg/L	-	-	---	---	---	---	---	---	<3	---
Alkalinity (Bicarbonate as CaCO3) (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Alkalinity (Bicarbonate) as HCO3	mg/L	-	-	---	---	---	---	---	---	---	---
Alkalinity (total) as CaCO3	mg/L	-	-	---	190	130	---	---	---	253	---
Alkalinity (total) as CaCO3 (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Carbonate	µg/L	-	-	---	190,000	---	92,000	73,000	54,000	---	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	2.4	4.5	5.1	4.7	3.4	---	---
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	4.08	---
Sulphate total (%) (filtered)	%	0.025 (SO4) ^{#5}	-	---	---	---	---	---	---	---	---
Ammonia	mg/L	-	0.021 ^{#19}	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	---	1.8	3.5	4	3.6	2.6	---	---
Nitrate (as N)	mg/L	-	-	---	<0.1	<0.1	<0.1	<0.1	<0.1	---	---
Nitrogen (Total)	µg/L	-	-	---	---	---	---	---	---	4,080	---
Nitrite (as N)	mg/L	-	-	---	<0.035	<0.035	<0.035	<0.035	<0.035	---	---
Chloride	mg/L	250 ^{#1}	-	---	630	250	280	330	360	---	---
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	---	---	---	220	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	0.2	2.7	0.1	0.4	<20	---	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	<2.5	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	2.1	3.6	2.9	1.7	<40	---	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	<5	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	1.9	0.8	2.7	1.3	20	---	---
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	<5	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#6}	-	---	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#6}	-	---	---	---	---	---	---	<0.3	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#7}	-	---	---	---	---	---	---	---	---



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		B-BH22	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30
Well		S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		721210	23-19236	23-25409	24-02275-1	24-08997	24-15497-1	703110	703110
Date		02 Feb 2024	09 Aug 2023	25 Oct 2023	31 Jan 2024	30 Apr 2024	24 Jul 2024	17 Aug 2023	17 Aug 2023
Depth		7.5 - 7.5	3.77 - 10.04	3.93 - 9.96	3.57 - 9.96	4.78 - 9.92	3.86 - 10	0 - 0	0 - 0
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#7}	-	---	---	---	---	0.065	---
Sulphate	mg/L	250 (SO4) ^{#5}	-	---	690	660	560	680	600
Sulphate (filtered)	mg/L	250 (SO4) ^{#5}	-	---	---	---	---	---	537
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	---	11.6	---	10.1	9.2	7.3
Sulphur as S	mg/L	-	-	---	220	250	390	410	5,200
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	73	34	4,500	4,000	55
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	<10
Thiocyanate (as SCN)	µg/L	-	-	---	<20	85	57	45	42
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	---	---	80
Ortho phosphate as PO4	mg/l	-	-	---	0.13	<0.03	0.21	<0.03	<0.03
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	---	---	---	<0.05
Ionic Balance	%	-	-	---	121	105	92	102	100
Orthophosphate as P (filtered)	mg/l	-	-	---	---	---	---	---	---
Silica	µg/L	-	-	---	1,800	4,900	17,000	11,000	15,000
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	<10,000	<10,000	<10,000	<10,000	14,000
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---	---	---	---	<500
Other									
Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---
Dissolved Inorganic Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---
Inorganic Carbon (filtered)	µg/L	-	-	---	---	---	---	---	<3,000
Dissolved Organic Carbon (filtered)	µg/L	-	-	---	51,000	23,000	11,000	16,000	13,000
Solids, Suspended	mg/L	-	-	---	12	21	---	---	---
Total Dissolved Solids	mg/L	-	-	---	---	---	---	---	---
Total Suspended Solids	mg/L	-	-	---	12	---	<5	<5	410
TPH CWG									
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	---	<0.1	<0.1	<0.1	<0.1	<0.1
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	---	<0.1	<0.1	<0.1	<0.1	<0.1
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	---	<0.1	<0.1	<0.1	<0.1	<0.1
>C10-C44 Aliphatics	µg/L	-	-	---	<1	<1	<1	<1	<1
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	---	<1	<1	<1	<1	<1
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	<1	<1	<1	<1	<1
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	<1	<1	<1	<1	<1
>C16-C35 Aliphatics	µg/L	-	-	---	<2	<2	---	---	<10
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	<1	<1	<1	<1	<1
Total Aliphatics & Aromatics >C12-C35	µg/L	-	-	---	---	---	---	---	---
>C35-C40 Aliphatics	µg/L	-	-	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	<1	<1	<1	<1	<1
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---
Total Aliphatics >C5-C40	µg/L	-	-	---	---	---	---	---	---
Total Aliphatics >C12-C35	µg/L	-	-	---	---	---	---	---	<10
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	<0.1	<0.1	<0.1	<0.1	<0.1
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	---	<0.1	<0.1	<0.1	<0.1	<0.1
>EC10-EC44 Aromatics	µg/L	-	-	---	9.5	<1	<1	<1	<1
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	---	<0.1	<0.1	<0.1	<0.1	<0.1
>EC6-EC7 Aromatics	µg/L	-	-	---	---	---	---	---	<10
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	---	6.4	<1	<1	<1	<1
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	2.4	<1	<1	<1	<1
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	<1	<1	<1	<1	<1
>EC35-EC40 Aromatics	µg/L	-	-	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	<1	<1	<1	<1	<1
>EC35-EC44 Aromatics	µg/L	-	-	---	<1	<1	<1	<1	<1
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	9.5	<1	<1	<1	---
Total Aromatics >EC5-EC40	µg/L	-	-	---	---	---	---	---	---
Total Aromatics >EC12-EC35	µg/L	-	-	---	---	---	---	---	10
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	---	---	---	---	48
TPH >C5-C40 Aliphatics/Aromatics	µg/L	-	-	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	18.3	<10	<10	<10	<10
TPH									
EPH >C10-40	µg/L	-	-	---	190	120	<10	240	<10
GRO >C5-12	µg/L	-	-	---	---	---	---	---	<50
GRO C5-C10	µg/L	-	-	---	<1	<1	<1	<1	<1
BTEX and MTBE									
Benzene	µg/L	1 ^{#1}	8 ^{#19}	---	<1	<1	<1	<1	<1
Toluene	µg/L	700 ^{#2}	74 ^{#19}	---	<1	<1	<5	<1	<1
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	---	<1	<1	<5	<1	<1
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	---	<2	<2	<10	---	<1
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	---	<1	<1	<5	---	<1
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	---	<3	<3	---	<1	<1
MTBE	µg/L	15 ^{#10}	15 ^{#10}	---	<1	<1	<10	---	<1
Total BTEX	µg/L	-	-	---	---	---	---	---	<5

				Monitoring Unit	TFD	TFD	TFD	TFD	TFD	TFD	TFD
				Location Code	B-BH22	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30
				Well	S	S	S	S	S	S	S
				Matrix Type	Water	Water	Water	Water	Water	Water	Water
				Lab Report Number	721210	23-19236	23-25409	24-02275-1	24-08997	24-15497-1	703110
				Date	02 Feb 2024	09 Aug 2023	25 Oct 2023	31 Jan 2024	30 Apr 2024	24 Jul 2024	17 Aug 2023
				Depth	7.5 - 7.5	3.77 - 10.04	3.93 - 9.96	3.57 - 9.96	4.78 - 9.92	3.86 - 10	0 - 0



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		B-BH22	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30
Well		S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		721210	23-19236	23-25409	24-02275-1	24-08997	24-15497-1	703110	703110
Date		02 Feb 2024	09 Aug 2023	25 Oct 2023	31 Jan 2024	30 Oct 2024	24 Jul 2024	17 Aug 2023	17 Aug 2023
Depth		7.5 - 7.5	3.77 - 10.04	3.93 - 9.96	3.57 - 9.96	4.78 - 9.92	3.86 - 10	0 - 0	0 - 0
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	---	<1	<1	---	<1	---
Chloromethane	µg/L	-	-	---	<1	<1	---	<1	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	<1	<1	---	<1	---
Dibromomethane	µg/L	-	-	---	<1	<1	---	<1	---
Dichlorodifluoromethane	µg/L	-	-	---	<1	<1	---	<1	---
Dichloromethane	µg/L	-	20 ^{#19}	---	<27	<27	---	<3	---
Isopropylbenzene	µg/L	-	-	---	<1	<1	---	<1	---
n-butylbenzene	µg/L	-	-	---	<1	<1	---	<1	---
n-propylbenzene	µg/L	-	-	---	<1	<1	---	<1	---
p-isopropyltoluene	µg/L	-	-	---	<1	<1	---	<1	---
sec-butylbenzene	µg/L	-	-	---	<1	<1	---	<1	---
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	<1	<1	---	<1	---
tert-butylbenzene	µg/L	-	-	---	<1	<1	---	<1	---
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	<1	<1	---	<1	---
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	<1	<1	---	<1	---
Trichlorofluoromethane	µg/L	-	-	---	<1	<1	---	<1	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	<1	<1	---	<1	---
tert-Amyl methyl ether	µg/L	-	-	---	<5	<5	<5	<1	---
VOC/SVOC									
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1	<1	---	<1	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	---	<1	<1	---	<1	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1	<1	---	<1	---
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	---	---	---	---	<1	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<2	<2	---	<1	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	---	<1	<1	---	<1	---
Chlorobenzene	µg/L	100 ^{#18}	-	---	<1	<1	---	<1	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	---	<1	<1	---	<1	---
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	<2	<2	---	---	---
SVOC									
1,4-dinitrobenzene	µg/L	-	-	---	<1	<1	---	---	---
Benzyl alcohol	µg/L	-	-	---	<1	<1	---	---	---
4-bromophenyl phenyl ether	µg/L	-	-	---	<1	<1	---	<10	---
4-nitroaniline	µg/L	-	-	---	<1	<1	---	<10	---
4-nitrophenol	µg/L	-	-	---	<1	<1	---	<10	---
catechol (o-dihydroxybenzene) (filtered)	µg/L	-	-	---	---	---	---	<10	---
1,3-Dinitrobenzene	µg/L	-	-	---	<1	<1	---	---	---
1-Methylnaphthalene	µg/L	-	-	---	<1	<1	---	---	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	<1	<1	---	---	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	<1	<1	---	---	---
2,3,5-Trimethylphenol (filtered)	µg/L	-	-	---	---	---	---	<3	---
2,4,5-trichlorophenol	µg/L	-	-	---	<1	<1	---	<10	---
2,4,6-trichlorophenol	µg/L	-	-	---	<0.1	<0.1	---	<10	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	---	<0.1	<0.1	---	<10	---
2,4-dimethylphenol	µg/L	-	-	---	<0.1	<0.1	---	<10	---
2,4-dinitrotoluene	µg/L	-	-	---	<1	<1	---	<10	---
2,6-dichlorophenol	µg/L	-	-	---	<0.1	<0.1	---	---	---
2,6-Dimethylphenol	µg/L	-	-	---	<0.1	<0.1	---	---	---
2,6-dinitrotoluene	µg/L	-	-	---	<1	<1	---	<10	---
2-chloronaphthalene	µg/L	-	-	---	<1	<1	---	<10	---
2-chlorophenol	µg/L	-	50 ^{#20}	---	<1	<1	---	<10	---
2-Isopropylphenol (filtered)	µg/L	-	-	---	---	---	---	<6	---
2-methylnaphthalene	µg/L	-	-	---	<1	<1	---	<10	---
2-methylphenol	µg/L	-	-	---	<1	<1	---	<10	---
2-nitroaniline	µg/L	-	-	---	<1	<1	---	<10	---
2-nitrophenol	µg/L	-	-	---	---	---	---	<10	---
3-nitroaniline	µg/L	-	-	---	<1	<1	---	<10	---
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	---	<0.1	<0.1	---	<10	---
4-chloroaniline	µg/L	-	-	---	---	---	---	<10	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	<1	<1	---	<10	---
4-methylphenol	µg/L	-	-	---	<0.1	<0.1	---	<10	---
Aniline	µg/L	-	-	---	<1	<1	---	---	---
Azobenzene	µg/L	-	-	---	<1	<1	---	<10	---
Bis(2-chloroethoxy) methane	µg/L	-	-	---	<1	<1	---	<10	---
Bis(2-chloroethyl)ether	µg/L	-	-	---	---	---	---	<10	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	<1	<1	---	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	<1	<1	---	<20	---
Bis(2-ethylhexyl)ester	µg/L	-	-	---	<1	<1	---	---	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	<1	<1	---	<10	---



Monitoring Unit		TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code		B-BH22	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30
Well		S	S	S	S	S	S	S	S
Matrix Type		Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number		721210	23-19236	23-25409	24-02275-1	24-08997	24-15497-1	703110	703110
Date		02 Feb 2024	09 Aug 2023	25 Oct 2023	31 Jan 2024	30 Apr 2024	24 Jul 2024	17 Aug 2023	17 Aug 2023
Depth		7.5 - 7.5	3.77 - 10.04	3.93 - 9.96	3.57 - 9.96	4.78 - 9.92	3.86 - 10	0 - 0	0 - 0
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Carbazole	µg/L	-	-	---	<1	<1	---	<10	---
Di(2-ethylhexyl)adipate	µg/L	-	-	---	<1	---	---	---	---
Dibenzofuran	µg/L	-	-	---	<1	<1	---	<10	---
Diethylphthalate	µg/L	-	200 ^{#20}	---	<1	<1	---	<10	---
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	<1	<1	---	<10	---
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	<1	<1	---	<10	---
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	<1	<1	---	<50	---
Diphenylamine	µg/L	-	-	---	<1	<1	---	---	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	---	<1	<1	---	<10	---
Hexachlorocyclopentadiene	µg/L	-	-	---	<1	<1	---	<10	---
Hexachloroethane	µg/L	-	-	---	---	---	---	<10	---
Isophorone	µg/L	-	-	---	---	---	---	<10	---
Nitrobenzene	µg/L	-	-	---	---	---	---	<10	---
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	---	---	<10	---
Pentachlorophenol	µg/L	-	0.4 ^{#19}	---	<1	<1	---	<10	---
PCB									
PCB 12	µg/L	-	-	---	<1	---	---	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	<0.3	<0.3	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	<0.3	<0.3	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	<0.2	<0.2	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	<0.3	<0.3	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	<0.2	<0.2	---	---	---
PCB 101	µg/L	-	-	---	<0.3	<0.3	---	---	---
PCB 118 + PCB 123	mg/L	-	-	---	<0.0006	<0.0006	---	---	---
PCB 138	µg/L	-	-	---	<0.2	<0.2	---	---	---
PCB 153	µg/L	-	-	---	<0.2	<0.2	---	---	---
PCB 180	µg/L	-	-	---	<0.2	<0.2	---	---	---
PCB 28 + PCB 31	µg/L	-	-	---	<0.3	<0.3	---	---	---
PCB 52	µg/L	-	-	---	<0.2	<0.2	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	<0.2	<0.2	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	<0.3	<0.3	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	<0.5	<0.5	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	<0.3	<0.3	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	<0.2	<0.2	---	---	---
Total PCB 7 Congeners	µg/L	-	-	---	<1	<1	---	---	---
Total PCB WHO 12	µg/L	-	-	---	<1	<1	---	---	---
PCBs (Sum of total)	µg/L	-	-	---	<1	---	---	---	---
Solvents									
4-Methyl-2-pentanone	µg/L	-	-	---	---	---	---	---	---
Acetone	µg/L	-	-	---	---	---	---	---	---
Tetrahydrofuran	µg/L	-	-	---	---	---	---	---	---
Polybrominated Diphenyl Ethers									
BDE-100	ng/l	-	-	---	---	---	---	---	---
BDE-153	ng/l	-	-	---	---	---	---	---	---
BDE-154	ng/l	-	-	---	---	---	---	---	---
BDE-183	ng/l	-	-	---	---	---	---	---	---
BDE-28	ng/l	-	-	---	---	---	---	---	---
BDE-47	ng/l	-	-	---	---	---	---	---	---
BDE-99	ng/l	-	-	---	---	---	---	---	---
Sum of selected BDE	ng/l	-	-	---	---	---	---	---	---
BDE-209	ng/l	-	-	---	---	---	---	---	---
Organotins									
Dibutyltin	µg/L	-	-	---	---	---	---	---	---
Tetrabutyltin	µg/L	-	-	---	---	---	---	---	---
Tributyltin	µg/L	-	0.0002 ^{#19}	---	---	---	---	---	---
Triphenyltin	µg/L	-	0.0002 (MAC) ^{#37}	---	---	---	---	---	---
Alcohols									
Butyl alcohol, sec-	µg/L	-	-	---	---	---	---	---	---
1-Butanol	µg/L	-	-	---	---	---	---	---	---
Methyl Ethyl Ketone	µg/L	-	-	---	---	---	---	---	---
Ethanol	µg/L	-	-	---	---	---	---	---	---
Methanol	µg/L	-	-	---	---	---	---	---	---
Isobutanol	µg/L	-	-	---	---	---	---	---	---



Monitoring Unit				TFD	TFD	TFD	TFD	TFD	TFD	TFD	TFD
Location Code				B-BH22	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30	B-BH30
Well				S	S	S	S	S	S	S	S
Matrix Type				Water	Water	Water	Water	Water	Water	Water	Water
Lab Report Number				721210	23-19236	23-25409	24-02275-1	24-08997	24-15497-1	703110	703110
Date				02 Feb 2024	09 Aug 2023	25 Oct 2023	31 Jan 2024	30 Apr 2024	24 Jul 2024	17 Aug 2023	17 Aug 2023
Depth				7.5 - 7.5	3.77 - 10.04	3.93 - 9.96	3.57 - 9.96	4.78 - 9.92	3.86 - 10	0 - 0	0 - 0
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
2-Propanol	µg/L	-	-	---	---	---	---	---	---	---	---
n-Heptanol	µg/L	-	-	---	---	---	---	---	---	---	---
n-Hexanol	µg/L	-	-	---	---	---	---	---	---	---	---
1-Propanol	µg/L	-	-	---	---	---	---	---	---	---	---
tert-Butyl alcohol	µg/L	12	12	---	---	---	---	---	---	---	---
Acetates											
n-Propyl Acetate	µg/L	-	-	---	---	---	---	---	---	---	---
1,2-butylacetate	µg/L	-	-	---	---	---	---	---	---	---	---
Ethyl acetate	µg/L	-	-	---	---	---	---	---	---	---	---
Iso-Propyl Acetate	µg/L	-	-	---	---	---	---	---	---	---	---
Methyl acetate	µg/L	-	-	---	---	---	---	---	---	---	---
Glycols											
1,3-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
1,3-Propanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
1,4-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Diethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Ethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Propylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Triethylene Glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Pesticides											
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-Dichlorophenoxy Acetic Acid (D)	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-Dichloroprop	µg/L	-	-	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	µg/L	-	-	---	---	---	---	---	---	---	---
Acril (Ioxynil)	µg/L	-	10 ^{#20}	---	---	---	---	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---	---



Monitoring Unit Location Code Well Matrix Type Lab Report Number Date Depth				TFD	TFD
				B-BH30	B-BH30
				S	S
				Water	Water
				707635	707635
				21 Sep 2023	21 Sep 2023
7.5	7.5				
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS		
Metals					
Aluminium (filtered)	µg/L	200 ^{#1}	-	146	---
Antimony (filtered)	µg/L	5 ^{#1}	-	---	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	5.13	---
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	---
Beryllium (filtered)	µg/L	-	-	---	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	88.9	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	0.114	---
Calcium (filtered)	mg/L	-	-	207	---
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	<30	---
Chromium	µg/L	50 ^{#1}	0.6 ^{#21}	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	2.79	---
Chromium (Trivalent) (filtered)	µg/L	-	-	---	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	<0.3	---
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	<50	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	<100	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	<19	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	<0.2	---
Magnesium	mg/L	-	-	---	---
Magnesium (filtered)	mg/L	-	-	0.369	---
Manganese	µg/L	50 ^{#1}	-	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	<3	---
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	<0.01	---
Molybdenum (filtered)	µg/L	70 ^{#3}	-	106	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	1.78	---
Potassium (filtered)	mg/L	-	-	88.3	---
Selenium (filtered)	µg/L	10 ^{#1}	-	<1	---
Silicon (filtered)	µg/L	-	-	5,900	---
Sodium (filtered)	mg/L	200 ^{#1}	-	127	---
Tin (filtered)	µg/L	-	10 ^{#25}	---	---
Titanium (filtered)	µg/L	-	-	---	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	<1	---
Inorganics					
Total Hardness	mg/l	-	-	---	---
Alkalinity (Bicarbonate as CaCO3)	mg/L	-	-	---	---
Alkalinity (Bicarbonate as CaCO3) (filtered)	mg/L	-	-	---	---
Alkalinity (Bicarbonate) as HCO3	mg/L	-	-	<3	---
Alkalinity (total) as CaCO3	mg/L	-	-	174	---
Alkalinity (total) as CaCO3 (filtered)	mg/L	-	-	---	---
Carbonate	µg/L	-	-	---	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	---
Inorganic Nitrogen (filtered)	mg/l	-	-	4.27	---
Sulphate total (%) (filtered)	%	0.025 (SO4) ^{#5}	-	---	---
Ammonia	mg/L	-	0.021 ^{#19}	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	---	---
Nitrate (as N)	mg/L	-	-	---	---
Nitrogen (Total)	µg/L	-	-	4,270	---
Nitrite (as N)	mg/L	-	-	---	---
Chloride	mg/L	250 ^{#1}	-	---	---
Chloride (filtered)	mg/L	250 ^{#1}	-	175	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	<2.5	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	<5	---
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#19}	---	---
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	<5	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#6}	-	---	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#6}	-	<0.3	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#7}	-	---	---



		Monitoring Unit		TFD	TFD
		Location Code		B-BH30	B-BH30
		Well		S	S
		Matrix Type		Water	Water
		Lab Report Number		707635	707635
		Date		21 Sep 2023	21 Sep 2023
		Depth		7.5	7.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS		
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#7}	-	<0.05	---
Sulphate	mg/L	250 (SO4) ^{#5}	-	---	---
Sulphate (filtered)	mg/L	250 (SO4) ^{#5}	-	516	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#28}	11.5	---
Sulphur as S	mg/L	-	-	210	---
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	---
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	71.9	---
Thiocyanate (as SCN)	µg/L	-	-	---	---
Thiocyanate (as SCN) (filtered)	µg/L	-	-	80	---
Ortho phosphate as PO4	mg/l	-	-	---	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---
Ionic Balance	%	-	-	-1.54	---
Orthophosphate as P (filtered)	mg/l	-	-	<0.05	---
Silica	µg/L	-	-	---	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#30}	---	---
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#30}	<500	---
Other					
Carbon (filtered)	µg/L	-	-	31,400	---
Dissolved Inorganic Carbon (filtered)	µg/L	-	-	<3,000	---
Inorganic Carbon (filtered)	µg/L	-	-	---	---
Dissolved Organic Carbon (filtered)	µg/L	-	-	---	---
Solids, Suspended	mg/L	-	-	---	---
Total Dissolved Solids	mg/L	-	-	---	---
Total Suspended Solids	mg/L	-	-	19	---
TPH CWG					
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<10	---
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	<10	---
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	<10	---
>C10-C44 Aliphatics	µg/L	-	-	---	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<10	---
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	<10	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	<10	---
>C16-C35 Aliphatics	µg/L	-	-	<10	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	<10	---
Total Aliphatics & Aromatics >C12-C35	µg/L	-	-	---	---
>C35-C40 Aliphatics	µg/L	-	-	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	---
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---
Total Aliphatics >C5-C40	µg/L	-	-	---	---
Total Aliphatics >C12-C35	µg/L	-	-	<10	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<10	---
>EC10-EC44 Aromatics	µg/L	-	-	---	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	<10	---
>EC6-EC7 Aromatics	µg/L	-	-	<10	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	<10	---
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	<10	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	<10	---
>EC35-EC40 Aromatics	µg/L	-	-	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	<10	---
>EC35-EC44 Aromatics	µg/L	-	-	---	---
Total Aliphatics & Aromatics >C10-C44	µg/L	-	-	---	---
Total Aromatics >EC5-EC40	µg/L	-	-	---	---
Total Aromatics >EC12-EC35	µg/L	-	-	<10	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	30	---
TPH >C5-C40 Aliphatics/Aromatics	µg/L	-	-	---	---
TPH >C5-C44 Aliphatics/Aromatics	µg/L	10 ^{#8}	50 ^{#31}	---	---
TPH					
EPH >C10-40	µg/L	-	-	---	---
GRO >C5-12	µg/L	-	-	<50	---
GRO C5-C10	µg/L	-	-	---	---
BTEX and MTBE					
Benzene	µg/L	1 ^{#1}	8 ^{#19}	<1	---
Toluene	µg/L	700 ^{#2}	74 ^{#19}	<1	---
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	<1	---
Xylene (m & p)	µg/L	250 ^{#9}	15 ^{#33}	<1	---
Xylene (o)	µg/L	250 ^{#9}	15 ^{#33}	<1	---
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	<2	---
MTBE	µg/L	15 ^{#10}	15 ^{#10}	<1	---
Total BTEX	µg/L	-	-	<5	---



Monitoring Unit				TFD	TFD
Location Code				B-BH30	B-BH30
Well				S	S
Matrix Type				Water	Water
Lab Report Number				707635	707635
Date				21 Sep 2023	21 Sep 2023
Depth				7.5	7.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS		
PAH					
Naphthalene	µg/L	-	2 ^{#19}	0.0237	<1
Acenaphthene	µg/L	-	-	<40	0.00687
Acenaphthylene	µg/L	-	-	<0.005	---
Fluoranthene	µg/L	-	0.0063 ^{#19}	<0.005	---
Anthracene	µg/L	-	0.1 ^{#19}	<0.005	---
Phenanthrene	µg/L	-	-	<40	0.0148
Fluorene	µg/L	-	-	<0.005	---
Chrysene	µg/L	-	-	<0.005	---
Pyrene	µg/L	-	-	<0.005	---
Benzo(a)anthracene	µg/L	-	-	<0.005	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.005	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.005	---
Benzo(b+k)fluoranthene	µg/L	-	-	---	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#34}	<0.002	---
Dibenz(a,h)anthracene	µg/L	-	-	<0.005	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.005	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#11}	See BaP ^{#34}	<0.005	---
PAH 16 Total	µg/L	-	-	<0.082	---
Phenolics					
Total Phenols (monohydric)	µg/L	-	-	---	---
Total Phenols of 8 Speciated (filtered)	µg/L	-	-	<45	---
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---
Xylenols	µg/L	-	-	---	---
Xylenols (filtered)	µg/L	-	-	<8	---
1-naphthol (filtered)	µg/L	-	-	<10	---
Cresol Total (filtered)	µg/L	-	-	<6	---
Phenol	µg/L	5,800 ^{#12}	7.7 ^{#19}	<40	---
Phenol (filtered)	µg/L	5,800 ^{#12}	7.7 ^{#19}	<2	---
Resorcinol (m-dihydroxybenzene) (filtered)	µg/L	-	-	<10	---
Phenols Monohydric	µg/L	-	-	---	---
VOC					
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---
Styrene	µg/L	-	50 ^{#20}	<1	---
cis-1,3-dichloropropene	µg/L	-	-	<1	---
trans-1,3-dichloropropene	µg/L	-	-	<1	---
1,1,1,2-tetrachloroethane	µg/L	-	-	<1	---
n-Pentanol	µg/L	-	-	---	---
1,1,1-trichloroethane	µg/L	2,000 ^{#13}	100 ^{#20}	<1	---
1,1,2,2-tetrachloroethane	µg/L	-	-	<1	---
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	<1	---
1,1-dichloroethane	µg/L	2.8 ^{#12}	-	<1	---
1,1-dichloroethene	µg/L	140 ^{#14}	-	<1	---
1,1-dichloropropene	µg/L	-	-	<1	---
1,2,3-trichloropropane	µg/L	-	-	<1	---
1,2,4-trimethylbenzene	µg/L	-	-	<1	---
1,2-dibromo-3-chloropropane	µg/L	-	-	<1	---
1,2-dibromoethane	µg/L	-	-	<1	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	<1	---
1,3-Dichloropropene	µg/L	-	-	---	---
1,2-Dichloroethene (cis & trans)	µg/L	50 ^{#2}	-	---	---
1,2-dichloropropane	µg/L	-	-	<1	---
1,3,5-trimethylbenzene	µg/L	-	-	<1	---
1,3-dichloropropane	µg/L	-	-	<1	---
2,2-dichloropropane	µg/L	-	-	<1	---
Trihalomethanes	µg/L	100 ^{#1}	-	---	---
2-chlorotoluene	µg/L	-	-	<1	---
4-chlorotoluene	µg/L	-	-	<1	---
Bromobenzene	µg/L	-	-	<1	---
Bromochloromethane	µg/L	-	-	<1	---
Bromodichloromethane	µg/L	25 ^{#15}	-	<1	---
Bromoform	µg/L	25 ^{#15}	-	<1	---
Bromomethane	µg/L	-	-	<1	---
Carbon disulfide	µg/L	-	-	<1	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	<1	---
Chlorodibromomethane	µg/L	25 ^{#15}	-	<1	---
Chloroethane	µg/L	-	-	<1	---



Monitoring Unit				TFD	
Location Code				B-BH30	
Well				S	
Matrix Type				Water	
Lab Report Number				707635	
Date				21 Sep 2023	
Depth				7.5	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS		
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	<1	---
Chloromethane	µg/L	-	-	<1	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	<1	---
Dibromomethane	µg/L	-	-	<1	---
Dichlorodifluoromethane	µg/L	-	-	<1	---
Dichloromethane	µg/L	-	20 ^{#19}	<3	---
Isopropylbenzene	µg/L	-	-	<1	---
n-butylbenzene	µg/L	-	-	<1	---
n-propylbenzene	µg/L	-	-	<1	---
p-isopropyltoluene	µg/L	-	-	<1	---
sec-butylbenzene	µg/L	-	-	<1	---
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	<1	---
tert-butylbenzene	µg/L	-	-	<1	---
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	<1	---
trans-1,2-dichloroethene	µg/L	25 ^{#18}	-	<1	---
Trichlorofluoromethane	µg/L	-	-	<1	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	<1	---
tert-Amyl methyl ether	µg/L	-	-	<1	---
VOC/SVOC					
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	---
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#35}	<1	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#36}	<1	---
Chlorobenzene	µg/L	100 ^{#18}	-	<1	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	<1	---
Trichlorobenzene (total)	µg/L	-	0.4 ^{#19}	---	---
SVOC					
1,4-dinitrobenzene	µg/L	-	-	---	---
Benzyl alcohol	µg/L	-	-	---	---
4-bromophenyl phenyl ether	µg/L	-	-	<40	---
4-nitroaniline	µg/L	-	-	<40	---
4-nitrophenol	µg/L	-	-	<40	---
catechol (o-dihydroxybenzene) (filtered)	µg/L	-	-	<10	---
1,3-Dinitrobenzene	µg/L	-	-	---	---
1-Methylnaphthalene	µg/L	-	-	---	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	---
2,3,5-Trimethylphenol (filtered)	µg/L	-	-	<3	---
2,4,5-trichlorophenol	µg/L	-	-	<40	---
2,4,6-trichlorophenol	µg/L	-	-	<40	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	<40	---
2,4-dimethylphenol	µg/L	-	-	<40	---
2,4-dinitrotoluene	µg/L	-	-	<40	---
2,6-dichlorophenol	µg/L	-	-	---	---
2,6-Dimethylphenol	µg/L	-	-	---	---
2,6-dinitrotoluene	µg/L	-	-	<40	---
2-chloronaphthalene	µg/L	-	-	<40	---
2-chlorophenol	µg/L	-	50 ^{#20}	<40	---
2-Isopropylphenol (filtered)	µg/L	-	-	<6	---
2-methylnaphthalene	µg/L	-	-	<40	---
2-methylphenol	µg/L	-	-	<40	---
2-nitroaniline	µg/L	-	-	<40	---
2-nitrophenol	µg/L	-	-	<40	---
3-nitroaniline	µg/L	-	-	<40	---
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	<40	---
4-chloroaniline	µg/L	-	-	<40	---
4-chlorophenyl phenyl ether	µg/L	-	-	<40	---
4-methylphenol	µg/L	-	-	<40	---
Aniline	µg/L	-	-	---	---
Azobenzene	µg/L	-	-	<40	---
Bis(2-chloroethoxy) methane	µg/L	-	-	<40	---
Bis(2-chloroethyl)ether	µg/L	-	-	<40	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	<80	---
Bis(2-ethylhexyl)ester	µg/L	-	-	---	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	<40	---



		Monitoring Unit		TFD	TFD
		Location Code		B-BH30	B-BH30
		Well		S	S
		Matrix Type		Water	Water
		Lab Report Number		707635	707635
		Date		21 Sep 2023	21 Sep 2023
		Depth		7.5	7.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS		
Carbazole	µg/L	-	-	<40	---
Di(2-ethylhexyl)adipate	µg/L	-	-	---	---
Dibenzofuran	µg/L	-	-	<40	---
Diethylphthalate	µg/L	-	200 ^{#20}	<40	---
Dimethyl phthalate	µg/L	-	800 ^{#20}	<40	---
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	<40	---
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	<200	---
Diphenylamine	µg/L	-	-	---	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	<40	---
Hexachlorocyclopentadiene	µg/L	-	-	<40	---
Hexachloroethane	µg/L	-	-	<40	---
Isophorone	µg/L	-	-	<40	---
Nitrobenzene	µg/L	-	-	<40	---
N-nitrosodi-n-propylamine	µg/L	-	-	<40	---
Pentachlorophenol	µg/L	-	0.4 ^{#19}	<40	---
PCB					
PCB 12	µg/L	-	-	---	---
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---
PCB 101	µg/L	-	-	---	---
PCB 118 + PCB 123	mg/L	-	-	---	---
PCB 138	µg/L	-	-	---	---
PCB 153	µg/L	-	-	---	---
PCB 180	µg/L	-	-	---	---
PCB 28 + PCB 31	µg/L	-	-	---	---
PCB 52	µg/L	-	-	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---
Total PCB 7 Congeners	µg/L	-	-	---	---
Total PCB WHO 12	µg/L	-	-	---	---
PCBs (Sum of total)	µg/L	-	-	---	---
Solvents					
4-Methyl-2-pentanone	µg/L	-	-	---	---
Acetone	µg/L	-	-	---	---
Tetrahydrofuran	µg/L	-	-	---	---
Polybrominated Diphenyl Ethers					
BDE-100	ng/l	-	-	---	---
BDE-153	ng/l	-	-	---	---
BDE-154	ng/l	-	-	---	---
BDE-183	ng/l	-	-	---	---
BDE-28	ng/l	-	-	---	---
BDE-47	ng/l	-	-	---	---
BDE-99	ng/l	-	-	---	---
Sum of selected BDE	ng/l	-	-	---	---
BDE-209	ng/l	-	-	---	---
Organotins					
Dibutyltin	µg/L	-	-	---	---
Tetrabutyltin	µg/L	-	-	---	---
Tributyltin	µg/L	-	0.0002 ^{#19}	---	---
Triphenyltin	µg/L	-	0.0002 (MAC) ^{#37}	---	---
Alcohols					
Butyl alcohol, sec-	µg/L	-	-	---	---
1-Butanol	µg/L	-	-	---	---
Methyl Ethyl Ketone	µg/L	-	-	---	---
Ethanol	µg/L	-	-	---	---
Methanol	µg/L	-	-	---	---
Isobutanol	µg/L	-	-	---	---



				Monitoring Unit	TFD	TFD
				Location Code	B-BH30	B-BH30
				Well	S	S
				Matrix Type	Water	Water
				Lab Report Number	707635	707635
				Date	21 Sep 2023	21 Sep 2023
				Depth	7.5	7.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS			
2-Propanol	µg/L	-	-			
n-Heptanol	µg/L	-	-			
n-Hexanol	µg/L	-	-			
1-Propanol	µg/L	-	-			
tert-Butyl alcohol	µg/L	12	12			
Acetates						
n-Propyl Acetate	µg/L	-	-			
1,2-butylacetate	µg/L	-	-			
Ethyl acetate	µg/L	-	-			
Iso-Propyl Acetate	µg/L	-	-			
Methyl acetate	µg/L	-	-			
Glycols						
1,3-Butanediol (filtered)	µg/L	-	-			
1,3-Propanediol (filtered)	µg/L	-	-			
1,4-Butanediol (filtered)	µg/L	-	-			
Diethylene glycol (filtered)	µg/L	-	-			
Ethylene glycol (filtered)	µg/L	-	-			
Propylene glycol (filtered)	µg/L	-	-			
Triethylene Glycol (filtered)	µg/L	-	-			
Pesticides						
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-			
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-			
2,4,5-TP (Silvex)	µg/L	-	-			
Hedonal	µg/L	-	0.3 ^{#19}			
2,4-dichlorophenoxybutanoic acid	µg/L	-	-			
2,4-Dichlorophenoxy Acetic Acid (D)	µg/L	-	-			
2,4-Dichloroprop	µg/L	-	-			
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	µg/L	-	-			
Actril (loxynil)	µg/L	-	10 ^{#20}			
Benazolin	µg/L	-	-			
Bromoxynil	µg/L	-	100 ^{#20}			
Clopyralid	µg/L	-	-			
Dicamba	µg/L	-	-			
Fluroxypyr	µg/L	-	-			
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-			
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-			
Mecoprop	µg/L	-	18 ^{#19}			
Triclopyr	µg/L	-	-			

Comments

- #1 Water Supply (Water Quality) Regulations 2016.
- #2 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011
- #3 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Informal value.
- #4 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Based on taste rather than a formal guideline.
- #5 Water Supply (Water Quality) Regulations 2016. As SO4.
- #6 Water Supply (Water Quality) Regulations 2016. As NO3.
- #7 Water Supply (Water Quality) Regulations 2016. As NO2.
- #8 No UK DWS for total petroleum hydrocarbons (TPH), or speciated TPH fractions. A value of 10 µg/l is adopted for sum TPH based on the rescinded Private Water Supply Regulations, 1991.
- #9 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Value of 500µg/l for sum xylenes split between isomers. Requires summation of m,p & o isomers to use 500µg/l value.
- #10 The taste and odour threshold of 15µg/l is commonly adopted as a guide.
- #11 Water Supply (Water Quality) Regulations 2016. Value of 0.1µg/l for PAH split between four individual PAH. Requires summation of benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene and indeno(123cd)pyrene to use 0.1µg/l value.
- #12 US EPA Regional Screening Levels, May 2019. <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables>
- #13 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. In Scotland a value of 200µg/l is used (WAT-PS-10-01).
- #14 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. In Scotland a value of 7µg/l is used (WAT-PS-10-01).
- #15 Water Supply (Water Quality) Regulations 2016. Value of 100µg/l for sum trihalomethanes split between individual compounds. Requires summation of chloroform, bromoform, chlorodibromomethane and bromodichloromethane to use 100µg/l value.
- #16 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Value of 50µg/l for sum cis & trans-DCE split between isomers. Requires summation of cis & trans-DCE isomers to use 50µg/l value.
- #17 Water Supply (Water Quality) Regulations 2016. Value of 10µg/l for sum of TCE & PCE split between individual compounds. Requires summation of TCE & PCE to use 10µg/l value.
- #18 Position statement (WAT-PS-10-01), SEPA August 2014.
- #19 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015.
- #20 Operational Targets and EQS. EA, April 2018
- #21 Water Framework Directive (Standards & Classification) Directions (England & Wales) 2015. Dissolved fraction.
- #22 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Dissolved Fraction. If DOC >1mg/l then a higher criteria applies $[3.76 \times (2.677 \times ((\text{DOC}/2) - 0.5))]$
- #23 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Based on value for dissolved iron.
- #24 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Dissolved Fraction. MAC adopted in absence of AA value.
- #25 Operational Targets and EQS. EA, April 2018. Dissolved Fraction.
- #26 Operational Targets and EQS. EA, April 2018.
- #27 Operational Targets and EQS. EA, April 2018. Dissolved plus ambient background concentration. For saltwater, an Ambient Background Concentration of 1.1 µg/l has been used.
- #28 Operational Targets and EQS. EA, April 2018. Maximum Allowable Concentration (MAC) adopted in absence of Annual Average (AA) value.
- #29 Operational Targets and EQS. EA, April 2018. Based on value for hydrogen sulphide. MAC adopted in absence of AA value.
- #30 Operational Targets and EQS. EA, April 2018. Dissolved fraction.
- #31 No UK EQS for total petroleum hydrocarbons (TPH), or speciated TPH fractions. A value of 50 µg/l is adopted for sum TPH protection of surface water based on 50µg/l-1000µg/l (Surface Waters (Abstraction for Drinking Water) Regulations 1989).
- #32 Proposed Environmental Quality Standard, in absence of legislative standard (Ayscough et al., 2002). https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/291223/sp2-115-tr4-e-e.pdf
- #33 Operational Targets and EQS. EA, April 2018. Value of 30µg/l for sum xylenes split between isomers. Requires summation of m,p & o isomers to use 30µg/l value.
- #34 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Benzo(a)pyrene can be considered as a marker for other PAH for comparison with the corresponding AA-EQS in water.
- #35 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Value of 0.4µg/l for sum isomers split between 3 isomers. Requires summation of isomers to use 0.4µg/l value.
- #36 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Value of 20µg/l for sum isomers split between 3 isomers. Requires summation of isomers to use 20µg/l value.
- #37 Operational Targets and EQS. EA, April 2018.

Key

GMG = Granular Made Ground

TFD = Tidal Flat Deposits

Appendix H

Foundry Central West Data

Matrix Description Location Code Matrix Type Lab Report Number Date Depth		MG	MG	MG	MG	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	
		FOU_AUK_TP105	FOU_AUK_TP105	FOU_AUK_TP105	FOU_AUK_TP108	A-BH10	FOU_AUK_TP125	FOU_AUK_TP125	FOU_AUK_TP125	FOU_AUK_TP130	FOU_AUK_TP130	FOU_AUK_TP130	S1-TPE46
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		704194	704194	704194	705249	23-07065	704620	704620	704620	701923	701923	701923	
		24 Aug 2023	24 Aug 2023	24 Aug 2023	25 Aug 2023	14 Mar 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	
Depth		0.2	0.2	0.2	0.4	4.9	1	1	4.5	4.5	4.5	3.4	
	Unit												
Metals													
Aluminium	mg/kg	5,790	---	---	---	5,500	18,500	---	3,400	---	---	---	
Antimony	mg/kg	2.39	---	---	---	6.4	0.901	---	<0.6	---	---	---	
Arsenic	mg/kg	17.6	---	---	---	6.8	9.68	---	1.78	---	---	7.1	
Barium	mg/kg	142	---	---	---	660	158	---	594	---	---	---	
Beryllium	mg/kg	---	---	---	---	0.3	---	---	---	---	---	---	
Boron	mg/kg	<1	---	---	---	---	1.11	---	2.24	---	---	---	
Boron (filtered)	mg/kg	---	---	---	---	4.8	---	---	---	---	---	---	
Cadmium	mg/kg	<0.02	---	---	---	0.7	<0.02	---	<0.02	---	---	---	
Chromium (hexavalent)	mg/kg	---	---	---	---	<1	---	---	---	---	---	---	
Chromium (hexavalent) (filtered)	mg/kg	<0.6	---	---	---	---	<0.6	---	<0.6	---	---	---	
Chromium	mg/kg	9.95	---	---	---	---	27.9	---	4.83	---	---	770	
Copper	mg/kg	27.2	---	---	---	62	30.5	---	13.4	---	---	---	
Iron	mg/kg	77,700	---	---	---	40,000	36,000	---	11,700	---	---	---	
Lead	mg/kg	66.8	---	---	---	58	106	---	14.2	---	---	34	
Manganese	mg/kg	1,560	---	---	---	7,800	623	---	466	---	---	---	
Mercury	mg/kg	0.116	---	---	---	0.29	<0.1	---	<0.1	---	---	---	
Molybdenum	mg/kg	2.09	---	---	---	3.2	0.91	---	0.895	---	---	---	
Nickel	mg/kg	22.8	---	---	---	12	35.5	---	7.18	---	---	---	
Selenium	mg/kg	<1	---	---	---	4.1	<1	---	1.25	---	---	---	
Silicon	mg/kg	---	---	---	---	---	---	---	---	---	---	---	
Tin	mg/kg	---	---	---	---	7.2	---	---	---	---	---	---	
Titanium	mg/kg	---	---	---	---	680	---	---	---	---	---	---	
Vanadium	mg/kg	59.9	---	---	---	830	42.3	---	18.4	---	---	---	
Zinc	mg/kg	247	---	---	---	150	117	---	24.9	---	---	---	
Inorganics													
Sulphate (2:1 Water Soluble) as SO4	g/l	---	---	---	---	---	---	---	---	---	---	---	
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	---	---	---	---	220	---	---	---	---	---	---	
Sulphate Aqueous Extract as SO4 (2:1) (filtered)	mg/l	26.4	---	---	---	---	59.9	---	35.5	---	---	---	
Sulphur as Sulphate, SO4	%	---	---	---	---	0.69	---	---	---	---	---	---	
Ortho phosphate as PO4 (filtered)	mg/kg	1.8	---	---	---	---	<1	---	<1	---	---	---	
Ammoniacal Nitrogen as N	mg/kg	28.4	---	---	---	1.1	25.5	---	<12	---	---	---	
Calcium	mg/kg	19,000	---	---	---	110,000	23,400	---	286,000	---	---	---	
Chloride	mg/kg	---	---	---	---	24.9	---	---	---	---	---	---	
Chloride (filtered)	mg/kg	17.4	---	---	---	---	17	---	205	---	---	---	
Cyanide (Free)	mg/kg	---	---	---	---	<0.1	---	---	---	---	---	---	
Cyanide (Free) (filtered)	mg/kg	<1	---	---	---	---	<1	---	<1	---	---	---	
Cyanide Total	mg/kg	---	---	---	---	<0.1	---	---	---	---	---	---	
Cyanide Total (filtered)	mg/kg	1.35	---	---	---	---	16.2	---	<1	---	---	---	
cyanides-complex	mg/kg	---	---	---	---	<0.2	---	---	---	---	---	---	
cyanides-complex (filtered)	mg/kg	1.2	---	---	---	---	16.2	---	<1	---	---	---	
Fluoride	mg/kg	97	---	---	---	1.1	219	---	46	---	---	---	
Magnesium	mg/kg	3,510	---	---	---	26,000	10,200	---	123,000	---	---	---	
Nitrate (as NO3-)	mg/kg	---	---	---	---	<1	---	---	---	---	---	---	
Nitrate (as NO3-) (filtered)	mg/kg	12.7	---	---	---	---	12.9	---	<1	---	---	---	
Nitrite (as N)	mg/kg	---	---	---	---	<0.5	---	---	---	---	---	---	
Nitrite (as NO2-)	mg/kg	---	---	---	---	1.7	---	---	---	---	---	---	
Nitrite (as NO2-) (filtered)	mg/kg	1.04	---	---	---	---	0.27	---	50	---	---	---	
Nitrogen (Total Oxidised) (filtered)	mg/kg	14.1	---	---	---	---	13.3	---	64.6	---	---	---	
Potassium	mg/kg	1,020	---	---	---	510	3,510	---	173	---	---	---	
Sodium	mg/kg	191	---	---	---	370	298	---	240	---	---	---	
Sulphate	mg/kg	471	---	---	---	6,900	411	---	3,350	---	---	190	
Sulphide	mg/kg	18.1	---	---	---	410	<15	---	<15	---	---	---	
Sulphur (free)	mg/kg	---	---	---	---	<0.75	---	---	---	---	---	---	
Sulphur as S	%	0.0157	---	---	---	0.16	0.0137	---	0.112	---	---	---	
Thiocyanate (as SCN)	mg/kg	---	---	---	---	1.7	---	---	---	---	---	---	
Thiocyanate (as SCN) (filtered)	mg/kg	<1	---	---	---	---	<1	---	2.65	---	---	---	
Orthophosphate as P	mg/kg	---	---	---	---	<0.1	---	---	---	---	---	---	
PAH													
Coronene	mg/kg	0.751	---	---	<4	---	<0.2	---	<0.2	---	---	---	
Naphthalene	mg/kg	<1.6	2.63	3.24	<0.16	0.03	0.0402	<0.1	0.0178	<0.1	0.192	<0.03	
Acenaphthene	mg/kg	0.17	0.196	---	<4	<0.03	<0.008	---	<0.008	---	---	---	
Acenaphthylene	mg/kg	0.799	1.01	---	<5	<0.03	<0.012	---	<0.012	---	---	---	
Fluoranthene	mg/kg	5.27	6.37	---	<5	0.14	0.0699	0.811	0.0962	<0.1	---	---	
Anthracene	mg/kg	1.07	1.32	---	<5	<0.03	<0.016	---	<0.016	---	---	---	
Phenanthrene	mg/kg	4.1	4.95	---	<5	0.12	0.087	0.472	<0.1	0.174	---	---	
Fluorene	mg/kg	0.364	0.501	---	<5	<0.03	<0.01	---	<0.01	---	---	---	
Chrysene	mg/kg	3.4	3.7	---	<5	0.07	0.0524	0.415	0.0314	<0.1	---	---	
Pyrene	mg/kg	3.92	4.5	---	<5	0.11	0.0568	0.703	0.0632	<0.1	---	---	
Benzo(a)anthracene	mg/kg	3.25	3.86	---	<5	0.05	0.0396	0.406	0.0339	<0.1	---	---	
Benzo(b)fluoranthene	mg/kg	3.56	4.61	---	<5	0.05	0.0574	0.231	<0.015	---	---	---	
Benzo(k)fluoranthene	mg/kg	1.97	2.64	---	<5	<0.03	0.0172	0.366	<0.014	---	---	---	
Benzo(a)pyrene	mg/kg	2.68	3.65	---	<5	<0.03	0.0329	0.306	<0.015	---	---	<0.03	
Dibenz(a,h)anthracene	mg/kg	0.444	0.593	---	<5	<0.03	<0.023	---	<0.023	---	---	---	
Benzo(g,h,i)perylene	mg/kg	1.91	2.23	---	<5	<0.03	0.03	0.186	<0.024	---	---	---	
Indeno(1,2,3-c,d)pyrene	mg/kg	2.72	2.9	---	<5	<0.03	0.0217	0.195	<0.018	---	---	---	
PAH 16 Total	mg/kg	45	---	---	<59	0.57	0.505	---	0.416	---	---	---	
PAH 17 Total	mg/kg	45.7	---	---	<0.318	---	0.505	---	0.416	---	---	---	

Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		15DT15	15DT24	A-BH31	A-BH31	A-BH41	A-BH41	FOU_AUK_TP102	FOU_AUK_TP102	FOU_AUK_TP102	FOU_AUK_TP103	FOU_AUK_TP103
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-10776	23-10776	23-18438	23-18438	704620	704620	704620	704194	704194
Date		10 Jun 2004	10 Jun 2004	20 Mar 2023	20 Mar 2023	27 Jul 2023	27 Jul 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	24 Aug 2023	24 Aug 2023
Depth		0.2 - 0.2	0.3 - 0.3	0.1	0.5	3.55	3.55	2.5	2.5	2.5	1	1
	Unit											
Metals												
Aluminium	mg/kg	---	---	---	42,000	11,000	---	17,700	---	---	19,100	---
Antimony	mg/kg	---	---	---	1.1	8.7	---	<0.6	---	---	2.84	---
Arsenic	mg/kg	26.8	5.9	---	7.5	8.6	---	12.3	---	---	5.4	---
Barium	mg/kg	---	---	---	360	330	---	280	---	---	1,120	---
Beryllium	mg/kg	---	---	---	4.7	0.9	---	---	---	---	---	---
Boron	mg/kg	2.9	1	---	---	---	---	2.99	---	---	<1	---
Boron (filtered)	mg/kg	---	---	---	2.8	1.4	---	---	---	---	---	---
Cadmium	mg/kg	0.63	0.36	---	<0.1	0.5	---	0.148	---	---	<0.02	---
Chromium (hexavalent)	mg/kg	---	---	---	<1	<1	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	<0.6	---	---	0.723	---
Chromium	mg/kg	29.1	229.3	---	---	---	---	64.5	---	---	1,510	---
Copper	mg/kg	2.6	23.9	---	8.5	52	---	35.3	---	---	62.8	---
Iron	mg/kg	---	---	---	13,000	79,000	---	23,500	---	---	91,500	---
Lead	mg/kg	63.2	36	---	5.9	53	---	51.4	---	---	13.9	---
Manganese	mg/kg	---	---	---	3,600	14,000	---	2,860	---	---	18,900	---
Mercury	mg/kg	<0.10	<0.10	---	<0.05	<0.05	---	<0.1	---	---	<0.1	---
Molybdenum	mg/kg	---	---	---	0.6	3.8	---	0.854	---	---	3.32	---
Nickel	mg/kg	3.4	24.7	---	3.4	11	---	11.2	---	---	7.17	---
Selenium	mg/kg	5.31	0.75	---	2.6	6.4	---	2.8	---	---	7.27	---
Silicon	mg/kg	---	---	39,000	69,000	67,000	---	---	---	---	---	---
Tin	mg/kg	---	---	---	<1	8.2	---	---	---	---	---	---
Titanium	mg/kg	---	---	---	980	1,100	---	---	---	---	---	---
Vanadium	mg/kg	---	---	---	210	1,600	---	124	---	---	2,810	---
Zinc	mg/kg	168.3	42	---	15	150	---	142	---	---	56.5	---
Inorganics												
Sulphate (2:1 Water Soluble) as SO4	g/l	2.94	0.0155	---	---	---	---	---	---	---	---	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	---	---	---	470	49	---	---	---	---	---	---
Sulphate Aqueous Extract as SO4 (2:1) (filtered)	mg/l	---	---	---	---	---	---	905	---	---	481	---
Sulphur as Sulphate, SO4	%	---	---	---	1.8	0.56	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	<1	---	---	<1	---
Ammoniacal Nitrogen as N	mg/kg	---	---	---	0.95	<0.5	---	31.8	---	---	<12	---
Calcium	mg/kg	---	---	---	120,000	140,000	---	80,500	---	---	261,000	---
Chloride	mg/kg	---	---	---	27.9	215	---	---	---	---	---	---
Chloride (filtered)	mg/kg	---	---	---	---	---	---	42.7	---	---	35.8	---
Cyanide (Free)	mg/kg	<1	<1	---	<0.1	<0.1	---	---	---	---	---	---
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	<1	---	---	<1	---
Cyanide Total	mg/kg	<1	<1	---	0.1	<0.1	---	---	---	---	---	---
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	<1	---	---	<1	---
cyanides-complex	mg/kg	---	---	---	<0.2	<0.2	---	---	---	---	---	---
cyanides-complex (filtered)	mg/kg	---	---	---	---	---	---	<1	---	---	<1	---
Fluoride	mg/kg	---	---	---	10	8.6	---	518	---	---	830	---
Magnesium	mg/kg	---	---	---	22,000	23,000	---	12,800	---	---	46,000	---
Nitrate (as NO3-)	mg/kg	---	---	---	8.6	50	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	5.04	---	---	1.23	---
Nitrite (as N)	mg/kg	---	---	---	<0.5	<0.5	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	---	---	<1	2.3	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	0.31	---	---	0.34	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	5.46	---	---	1.68	---
Potassium	mg/kg	---	---	---	3,700	830	---	1,870	---	---	1,540	---
Sodium	mg/kg	---	---	---	1,600	410	---	736	---	---	944	---
Sulphate	mg/kg	---	---	---	18,000	---	---	6,060	---	---	5,300	---
Sulphide	mg/kg	1,465	8	---	16	380	---	213	---	---	143	---
Sulphur (free)	mg/kg	---	---	---	31	<0.75	---	---	---	---	---	---
Sulphur as S	%	0.77	0.09	---	0.55	0.17	---	0.202	---	---	0.177	---
Thiocyanate (as SCN)	mg/kg	---	---	---	1.4	0.7	---	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	<1	---	---	<1	---
Orthophosphate as P	mg/kg	---	---	---	<0.1	<0.1	---	---	---	---	---	---
PAH												
Coronene	mg/kg	---	---	---	---	---	---	0.365	---	---	<0.2	---
Naphthalene	mg/kg	<1	2	---	<0.03	0.37	---	<0.008	0.441	1.13	0.231	0.303
Acenaphthene	mg/kg	<1	<1	---	<0.03	0.06	---	0.0418	<0.1	---	0.0123	<0.1
Acenaphthylene	mg/kg	<1	<1	---	<0.03	0.09	---	<0.1	0.371	---	0.0743	2.42
Fluoranthene	mg/kg	1	2	---	<0.03	1.8	---	0.582	3.46	---	0.444	11.5
Anthracene	mg/kg	<1	<1	---	<0.03	0.53	---	0.147	1.05	---	0.0944	2.23
Phenanthrene	mg/kg	<1	2	---	<0.03	2.4	---	0.361	2.18	---	0.405	15.2
Fluorene	mg/kg	<1	<1	---	<0.03	0.14	---	<0.1	0.285	---	0.0466	1.94
Chrysene	mg/kg	<1	2	---	<0.03	0.61	---	0.354	1.53	---	0.228	3.9
Pyrene	mg/kg	<1	2	---	<0.03	1.3	---	0.571	3.11	---	0.36	10.1
Benzo(a)anthracene	mg/kg	<1	2	---	<0.03	0.6	---	0.35	1.8	---	0.238	3.47
Benzo(b)fluoranthene	mg/kg	<1	<1	---	<0.03	0.54	---	0.227	2.16	---	0.369	1.84
Benzo(k)fluoranthene	mg/kg	<1	<1	---	<0.03	0.19	---	0.323	0.788	---	0.138	2.56
Benzo(a)pyrene	mg/kg	<1	<1	---	<0.03	0.34	---	0.285	1.67	---	0.304	2.25
Dibenz(a,h)anthracene	mg/kg	<1	<1	---	<0.03	0.05	---	<0.1	0.246	---	0.0503	0.154
Benzo(g,h,i)perylene	mg/kg	<1	<1	---	<0.03	0.19	---	0.191	1.12	---	0.29	1.59
Indeno(1,2,3-c,d)pyrene	mg/kg	<1	<1	---	<0.03	0.16	---	0.172	1.05	---	0.303	1.14
PAH 16 Total	mg/kg	---	---	---	<0.1	9.4	---	22	---	---	3.66	---
PAH 17 Total	mg/kg	---	---	---	---	---	---	22.4	---	---	3.66	---

Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		FOU_AUK_TP103	FOU_AUK_TP105	FOU_AUK_TP126	FOU_AUK_TP126	FOU_AUK_TP126	FOU_AUK_TP127	FOU_AUK_TP127	FOU_AUK_TP127	FOU_AUK_TP127	FOU_AUK_TP127	FOU_AUK_TP127
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704194	704194	704620	704620	704620	704194	704194	704194	704194	704194	704194
Date		24 Aug 2023	24 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023
Depth		1	0.5	3	3	3	1	1	1	2	2	2
	Unit											
Metals												
Aluminium	mg/kg	---	---	7,920	---	---	15,100	---	---	12,700	---	---
Antimony	mg/kg	---	---	<0.6	---	---	<0.6	---	---	<0.6	---	---
Arsenic	mg/kg	---	---	15.1	---	---	7.52	---	---	7.36	---	---
Barium	mg/kg	---	---	354	---	---	277	---	---	273	---	---
Beryllium	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Boron	mg/kg	---	---	<1	---	---	<1	---	---	<1	---	---
Boron (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Cadmium	mg/kg	---	---	<0.02	---	---	0.292	---	---	0.288	---	---
Chromium (hexavalent)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	mg/kg	---	---	0.997	---	---	<0.6	---	---	<0.6	---	---
Chromium	mg/kg	---	---	355	---	---	83.8	---	---	42.9	---	---
Copper	mg/kg	---	---	45.5	---	---	27.5	---	---	22.2	---	---
Iron	mg/kg	---	---	71,500	---	---	30,800	---	---	24,500	---	---
Lead	mg/kg	---	---	29.9	---	---	265	---	---	168	---	---
Manganese	mg/kg	---	---	22,800	---	---	3,740	---	---	1,510	---	---
Mercury	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---	---
Molybdenum	mg/kg	---	---	0.621	---	---	1.23	---	---	1.36	---	---
Nickel	mg/kg	---	---	14.4	---	---	13.3	---	---	13.3	---	---
Selenium	mg/kg	---	---	10.1	---	---	2.98	---	---	1.89	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Titanium	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	---	---	2,250	---	---	246	---	---	106	---	---
Zinc	mg/kg	---	---	76.2	---	---	245	---	---	231	---	---
Inorganics												
Sulphate (2:1 Water Soluble) as SO4	g/l	---	---	---	---	---	---	---	---	---	---	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	---	---	---	---	---	---	---	---	---	---	---
Sulphate Aqueous Extract as SO4 (2:1) (filtered)	mg/l	---	---	36.2	---	---	965	---	---	382	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	<1	---	---	<1	---	---	<1	---	---
Ammoniacal Nitrogen as N	mg/kg	---	---	31.1	---	---	16.9	---	---	<12	---	---
Calcium	mg/kg	---	---	231,000	---	---	142,000	---	---	140,000	---	---
Chloride	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Chloride (filtered)	mg/kg	---	---	106	---	---	97.4	---	---	124	---	---
Cyanide (Free)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Cyanide (Free) (filtered)	mg/kg	---	---	<1	---	---	<1	---	---	<1	---	---
Cyanide Total	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Cyanide Total (filtered)	mg/kg	---	---	4.6	---	---	<1	---	---	1.1	---	---
cyanides-complex	mg/kg	---	---	---	---	---	---	---	---	---	---	---
cyanides-complex (filtered)	mg/kg	---	---	4.6	---	---	<1	---	---	1.1	---	---
Fluoride	mg/kg	---	---	671	---	---	423	---	---	364	---	---
Magnesium	mg/kg	---	---	68,500	---	---	10,600	---	---	7,660	---	---
Nitrate (as NO3-)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/kg	---	---	47	---	---	165	---	---	69.3	---	---
Nitrite (as N)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/kg	---	---	4.59	---	---	17.8	---	---	99.6	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	53.2	---	---	189	---	---	204	---	---
Potassium	mg/kg	---	---	497	---	---	2,090	---	---	1,840	---	---
Sodium	mg/kg	---	---	255	---	---	715	---	---	718	---	---
Sulphate	mg/kg	---	---	6,510	---	---	10,100	---	---	7,720	---	---
Sulphide	mg/kg	---	---	53.3	---	---	124	---	---	44.5	---	---
Sulphur (free)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Sulphur as S	%	---	---	0.217	---	---	0.336	---	---	0.257	---	---
Thiocyanate (as SCN)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	3.02	---	---	<1	---	---	<1	---	---
Orthophosphate as P	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PAH												
Coronene	mg/kg	---	---	<0.2	---	---	0.587	---	---	0.48	---	---
Naphthalene	mg/kg	5.68	---	0.192	0.227	0.62	0.79	3.68	5.06	0.506	1.67	5.12
Acenaphthene	mg/kg	---	---	<0.008	---	---	0.396	0.403	---	0.0989	<0.1	---
Acenaphthylene	mg/kg	---	---	0.0327	<0.1	---	0.718	0.864	---	0.39	1.18	---
Fluoranthene	mg/kg	---	---	0.19	0.199	---	3.73	5.89	---	3.17	14.7	---
Anthracene	mg/kg	---	---	0.0425	<0.1	---	0.886	1.3	---	0.509	3.88	---
Phenanthrene	mg/kg	---	---	0.164	0.186	---	3.44	4.87	---	2.07	7.11	---
Fluorene	mg/kg	---	---	0.0147	<0.1	---	0.462	0.624	---	0.208	0.5	---
Chrysene	mg/kg	---	---	0.133	0.141	---	2.12	2.87	---	1.81	8.92	---
Pyrene	mg/kg	---	---	0.149	0.157	---	3.01	4.52	---	2.6	12.5	---
Benzo(a)anthracene	mg/kg	---	---	0.117	0.137	---	2.17	3.29	---	1.92	7.39	---
Benzo(b)fluoranthene	mg/kg	---	---	<0.1	0.193	---	1.84	3.47	---	2.64	4.47	---
Benzo(k)fluoranthene	mg/kg	---	---	0.0763	0.111	---	1.62	1.87	---	1.01	7.11	---
Benzo(a)pyrene	mg/kg	---	---	<0.1	0.135	---	2.06	3.43	---	2.19	5.85	---
Dibenz(a,h)anthracene	mg/kg	---	---	0.0264	<0.1	---	0.262	0.485	---	0.324	0.578	---
Benzo(g,h,i)perylene	mg/kg	---	---	<0.1	0.109	---	1.32	1.97	---	1.44	3.7	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	<0.1	0.101	---	1.66	2.38	---	1.7	3.36	---
PAH 16 Total	mg/kg	---	---	1.71	---	---	41.7	---	---	23.8	---	---
PAH 17 Total	mg/kg	---	---	1.71	---	---	42.2	---	---	24.2	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	
		FOU_AUK_TP128	FOU_AUK_TP128	FOU_AUK_TP128	FOU_AUK_TP130	FOU_AUK_TP131	FOU_AUK_TP131	FOU_AUK_TP131	FOU_AUK_TP131	FOU_AUK_TP131	S1-BH10	S1-BH10
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		704620	704620	704620	701923	702516	702516	702516	702516	702516	20211022 ARC SS11-SS12	20211022 ARC SS11-SS12
		18 Aug 2023	18 Aug 2023	18 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	17 Oct 2017	17 Oct 2017
		2	2	2	3	1.5	1.5	1.5	4	1.5 - 1.5	4.5 - 4.5	
	Unit											
Metals												
Aluminium	mg/kg	7.680	---	---	17.200	12.000	---	---	5.930	---	---	
Antimony	mg/kg	0.988	---	---	16.1	1.29	---	---	<0.6	<1.00	---	
Arsenic	mg/kg	15.9	---	---	40.6	6.63	---	---	8.54	4.30	5.60	
Barium	mg/kg	273	---	---	984	1,210	---	---	86.7	85.00	---	
Beryllium	mg/kg	---	---	---	---	---	---	---	---	0.50	---	
Boron	mg/kg	<1	---	---	5.23	<1	---	---	<1	8.90	6.90	
Boron (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---	
Cadmium	mg/kg	<0.02	---	---	2.52	<0.02	---	---	<0.02	0.40	0.40	
Chromium (hexavalent)	mg/kg	---	---	---	---	---	---	---	---	<1.00	---	
Chromium (hexavalent) (filtered)	mg/kg	<0.6	---	---	<0.6	<0.6	---	---	<0.6	---	---	
Chromium	mg/kg	956	---	---	702	796	---	---	12.3	17.00	68.00	
Copper	mg/kg	19.5	---	---	1,870	25.7	---	---	7.02	42.00	40.00	
Iron	mg/kg	78,000	---	---	174,000	48,900	---	---	16,800	---	---	
Lead	mg/kg	15.8	---	---	1,530	51.5	---	---	11.4	16.00	24.00	
Manganese	mg/kg	29,200	---	---	31,300	33,200	---	---	802	---	---	
Mercury	mg/kg	<0.1	---	---	<0.1	<0.1	---	---	<0.1	<0.05	<0.05	
Molybdenum	mg/kg	<0.1	---	---	27.5	1.32	---	---	0.537	1.10	---	
Nickel	mg/kg	9.81	---	---	371	6.97	---	---	14.1	5.90	6.50	
Selenium	mg/kg	12.7	---	---	21.1	13.7	---	---	1.94	---	---	
Silicon	mg/kg	---	---	---	---	---	---	---	---	---	---	
Tin	mg/kg	---	---	---	---	---	---	---	---	---	---	
Titanium	mg/kg	---	---	---	---	---	---	---	---	---	---	
Vanadium	mg/kg	3,850	---	---	1,550	2,570	---	---	33.7	37.00	---	
Zinc	mg/kg	35.9	---	---	1,190	91.9	---	---	43	57.00	58.00	
Inorganics												
Sulphate (2:1 Water Soluble) as SO4	g/l	---	---	---	---	---	---	---	---	---	---	
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	---	---	---	---	---	---	---	---	---	---	
Sulphate Aqueous Extract as SO4 (2:1) (filtered)	mg/l	75.3	---	---	8.2	83.9	---	---	112	---	---	
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---	
Ortho phosphate as PO4 (filtered)	mg/kg	<1	---	---	<1	<1	---	---	<1	---	---	
Ammoniacal Nitrogen as N	mg/kg	<12	---	---	<12	25.6	---	---	31.9	---	---	
Calcium	mg/kg	229,000	---	---	142,000	238,000	---	---	100,000	---	---	
Chloride	mg/kg	---	---	---	---	---	---	---	---	---	---	
Chloride (filtered)	mg/kg	55.2	---	---	79.3	60.7	---	---	142	---	---	
Cyanide (Free)	mg/kg	---	---	---	---	---	---	---	---	---	---	
Cyanide (Free) (filtered)	mg/kg	<1	---	---	<1	<1	---	---	<1	---	---	
Cyanide Total	mg/kg	---	---	---	---	---	---	---	---	1.20	0.20	
Cyanide Total (filtered)	mg/kg	<1	---	---	<1	<1	---	---	<1	---	---	
cyanides-complex	mg/kg	---	---	---	---	---	---	---	---	---	---	
cyanides-complex (filtered)	mg/kg	<1	---	---	<1	<1	---	---	<1	---	---	
Fluoride	mg/kg	2,400	---	---	742	2,660	---	---	207	---	---	
Magnesium	mg/kg	38,100	---	---	25,800	25,700	---	---	18,200	---	---	
Nitrate (as NO3-)	mg/kg	---	---	---	---	---	---	---	---	---	---	
Nitrate (as NO3-) (filtered)	mg/kg	95.8	---	---	5.12	15.6	---	---	1.42	---	---	
Nitrite (as N)	mg/kg	---	---	---	---	---	---	---	---	---	---	
Nitrite (as NO2-)	mg/kg	---	---	---	---	---	---	---	---	---	---	
Nitrite (as NO2-) (filtered)	mg/kg	0.7	---	---	7.24	0.45	---	---	0.12	---	---	
Nitrogen (Total Oxidised) (filtered)	mg/kg	96.7	---	---	14.9	16.2	---	---	1.58	---	---	
Potassium	mg/kg	499	---	---	1,210	569	---	---	1,440	---	---	
Sodium	mg/kg	291	---	---	717	438	---	---	377	---	---	
Sulphate	mg/kg	3,500	---	---	5,510	4,270	---	---	1,070	---	---	
Sulphide	mg/kg	42.8	---	---	25.6	110	---	---	55.3	---	---	
Sulphur (free)	mg/kg	---	---	---	---	---	---	---	---	---	---	
Sulphur as S	%	0.117	---	---	0.184	0.142	---	---	0.0357	<0.000075	---	
Thiocyanate (as SCN)	mg/kg	---	---	---	---	---	---	---	---	---	---	
Thiocyanate (as SCN) (filtered)	mg/kg	<1	---	---	<1	<1	---	---	<1	---	---	
Orthophosphate as P	mg/kg	---	---	---	---	---	---	---	---	---	---	
PAH												
Coronene	mg/kg	0.489	---	---	<0.2	0.467	---	---	<0.2	---	---	
Naphthalene	mg/kg	0.0102	0.799	1.66	0.0253	0.188	1.14	1.84	0.0584	1.30	<0.03	
Acenaphthene	mg/kg	0.0364	<0.2	---	<0.008	0.181	0.183	---	0.0524	0.49	<0.03	
Acenaphthylene	mg/kg	0.24	0.38	---	0.0218	0.306	0.309	---	<0.012	0.38	<0.03	
Fluoranthene	mg/kg	3.37	4.51	---	0.667	3.27	3.35	---	0.141	4.80	0.09	
Anthracene	mg/kg	0.648	0.756	---	0.0316	0.7	0.899	---	0.0315	1.10	<0.03	
Phenanthrene	mg/kg	1.53	2.63	---	0.242	2.26	2.69	---	0.143	3.60	0.09	
Fluorene	mg/kg	0.115	<0.2	---	<0.01	0.317	0.639	---	0.0341	0.70	<0.03	
Chrysene	mg/kg	2.07	2.83	---	0.405	2.25	3.14	---	0.0741	3.10	0.05	
Pyrene	mg/kg	2.83	3.94	---	0.65	2.62	0.117	---	0.0378	3.70	0.07	
Benzo(a)anthracene	mg/kg	2.08	2.83	---	0.246	2.3	2.74	---	0.0702	3.30	0.05	
Benzo(b)fluoranthene	mg/kg	2.18	2.59	---	0.409	3.21	3.36	---	0.085	3.90	0.05	
Benzo(k)fluoranthene	mg/kg	0.878	2.46	---	0.161	1.22	2.67	---	0.0378	1.20	<0.03	
Benzo(a)pyrene	mg/kg	2	2.85	---	0.22	2.6	2.82	---	0.0675	2.10	<0.03	
Dibenz(a,h)anthracene	mg/kg	0.347	0.386	---	0.0447	0.451	0.514	---	<0.023	0.48	<0.03	
Benzo(g,h,i)perylene	mg/kg	1.52	1.93	---	0.216	1.97	0.0552	---	0.0552	1.20	<0.03	
Indeno(1,2,3-c,d)pyrene	mg/kg	1.42	2.05	---	0.189	1.73	2.64	---	0.0427	1.10	<0.03	
PAH 16 Total	mg/kg	22.5	---	---	3.53	26.7	---	---	1.01	32.00	0.40	
PAH 17 Total	mg/kg	23	---	---	3.53	27.2	---	---	1.01	---	---	

Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		S1-TPE37	S1-TPE46	S1-TPE56	S1-TPF01	15DT16	15DT25	15DT34	A-BH10	A-BH25	A-BH39	A-BH39
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number									23-07065	23-05120	23-07539	23-07539
Date						10 Jun 2004	10 Jun 2004	10 Jun 2004	14 Mar 2023	23 Feb 2023	23 Mar 2023	23 Mar 2023
Depth		4.5	1.5	2.6	0.7	0.8 - 0.8	0.6 - 0.6	0.2 - 0.2	0.5	0.2	0.15	0.9
	Unit											
Metals												
Aluminium	mg/kg	---	---	---	---	---	---	---	44,000	7,400	---	1,500
Antimony	mg/kg	---	---	---	---	---	---	---	1	3.9	---	<1
Arsenic	mg/kg	4.7	7.8	12	7.1	39.8	6.9	14.6	29	5.1	---	6.2
Barium	mg/kg	---	---	---	---	---	---	---	300	100	---	55
Beryllium	mg/kg	---	---	---	---	---	---	---	5.9	0.8	---	<0.2
Boron	mg/kg	---	---	---	---	2.1	1	1.5	---	---	---	---
Boron (filtered)	mg/kg	---	---	---	---	---	---	---	3.5	1.2	---	0.6
Cadmium	mg/kg	---	---	---	---	1.31	0.35	1.05	0.2	0.3	---	<0.1
Chromium (hexavalent)	mg/kg	---	---	---	---	---	---	---	<1	<1	---	<1
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	420	23	190	51	20.9	14.2	619.6	---	---	---	---
Copper	mg/kg	---	---	---	---	11.2	3.2	33.9	14	16	---	4.1
Iron	mg/kg	---	---	---	---	---	---	---	19,000	140,000	---	8,200
Lead	mg/kg	48	23	29	27	76.7	23.9	153.7	25	12	---	17
Manganese	mg/kg	---	---	---	---	---	---	---	4,000	2,500	---	160
Mercury	mg/kg	---	---	---	---	<0.10	<0.10	0.28	<0.05	<0.05	---	<0.05
Molybdenum	mg/kg	---	---	---	---	---	---	---	1.6	2.1	---	<0.4
Nickel	mg/kg	---	---	---	---	12.6	2.9	17.3	7.6	23	---	3.3
Selenium	mg/kg	---	---	---	---	3.99	2.07	1.97	3	<0.5	---	<0.5
Silicon	mg/kg	---	---	---	---	---	---	---	---	7,100	---	---
Tin	mg/kg	---	---	---	---	---	---	---	<1	1.8	---	<1
Titanium	mg/kg	---	---	---	---	---	---	---	730	270	---	110
Vanadium	mg/kg	---	---	---	---	---	---	---	130	75	---	14
Zinc	mg/kg	---	---	---	---	179.2	58.6	236.5	190	66	---	26
Inorganics												
Sulphate (2:1 Water Soluble) as SO4	g/l	---	---	---	---	0.712	0.557	0.26	---	---	---	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	---	---	---	---	---	---	---	1,400	---	---	40
Sulphate Aqueous Extract as SO4 (2:1) (filtered)	mg/l	---	---	---	---	---	---	---	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	1.1	0.25	---	0.07
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/kg	---	---	---	---	---	---	---	1.6	0.83	---	1.9
Calcium	mg/kg	---	---	---	---	---	---	---	120,000	44,000	---	42,000
Chloride	mg/kg	---	---	---	---	---	---	---	19.5	36.1	---	17.9
Chloride (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	---	---	---	<1	<1	<1	<0.1	<0.1	---	<0.1
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	---	---	---	---	<1	<1	<1	<0.1	<0.1	---	0.8
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
cyanides-complex	mg/kg	---	---	---	---	---	---	---	<0.2	<0.2	---	0.8
cyanides-complex (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Fluoride	mg/kg	---	---	---	---	---	---	---	10	1.2	---	1.5
Magnesium	mg/kg	---	---	---	---	---	---	---	20,000	8,600	---	4,300
Nitrate (as NO3-)	mg/kg	---	---	---	---	---	---	---	5.1	1.1	---	5.9
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Nitrite (as N)	mg/kg	---	---	---	---	---	---	---	<0.5	<0.5	---	<0.5
Nitrite (as NO2-)	mg/kg	---	---	---	---	---	---	---	<1	<1	---	1.1
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Potassium	mg/kg	---	---	---	---	---	---	---	2,700	780	---	300
Sodium	mg/kg	---	---	---	---	---	---	---	1,000	460	---	290
Sulphate	mg/kg	820	320	800	230	---	---	---	11,000	2,500	---	700
Sulphide	mg/kg	---	---	---	---	<5	1,210	240	230	370	---	32
Sulphur (free)	mg/kg	---	---	---	---	---	---	---	130	1.3	---	1.6
Sulphur as S	%	---	---	---	---	0.62	0.33	0.33	0.41	0.13	---	0.03
Thiocyanate (as SCN)	mg/kg	---	---	---	---	---	---	---	<0.6	<0.6	---	<0.6
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Orthophosphate as P	mg/kg	---	---	---	---	---	---	---	0.11	<0.1	---	<0.1
PAH												
Coronene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/kg	<0.03	<0.03	<0.03	0.89	<1	<1	<1	<0.03	0.23	---	0.07
Acenaphthene	mg/kg	---	---	---	---	<1	<1	<1	<0.03	<0.03	---	<0.03
Acenaphthylene	mg/kg	---	---	---	---	<1	<1	<1	<0.03	<0.03	---	<0.03
Fluoranthene	mg/kg	---	---	---	---	<1	<1	2	0.09	0.17	---	<0.03
Anthracene	mg/kg	---	---	---	---	<1	<1	<1	<0.03	0.05	---	<0.03
Phenanthrene	mg/kg	---	---	---	---	<1	<1	<1	0.1	0.24	---	0.04
Fluorene	mg/kg	---	---	---	---	<1	<1	<1	<0.03	0.06	---	<0.03
Chrysene	mg/kg	---	---	---	---	<1	<1	1	0.05	0.07	---	<0.03
Pyrene	mg/kg	---	---	---	---	<1	<1	2	0.07	0.13	---	<0.03
Benzo(a)anthracene	mg/kg	---	---	---	---	<1	<1	1	<0.03	0.05	---	<0.03
Benzo(b)fluoranthene	mg/kg	---	---	---	---	<1	<1	1	0.04	0.05	---	<0.03
Benzo(k)fluoranthene	mg/kg	---	---	---	---	<1	<1	<1	<0.03	<0.03	---	<0.03
Benzo(a)pyrene	mg/kg	0.04	0.03	<0.03	0.34	<1	<1	<1	<0.03	0.04	---	<0.03
Dibenz(a,h)anthracene	mg/kg	---	---	---	---	<1	<1	<1	<0.03	<0.03	---	<0.03
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	<1	<1	<1	<0.03	<0.03	---	<0.03
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	---	<1	<1	<1	<0.03	<0.03	---	<0.03
PAH 16 Total	mg/kg	---	---	---	---	---	---	---	0.34	1.1	---	0.11
PAH 17 Total	mg/kg	---	---	---	---	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth												
	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
	A-BH39	A-BH41	A-BH41	FOU_AUK_TP101	FOU_AUK_TP101	FOU_AUK_TP103	FOU_AUK_TP103	FOU_AUK_TP103	FOU_AUK_TP103	FOU_AUK_TP104	FOU_AUK_TP104	FOU_AUK_TP104
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	23-07539	23-18438	23-18438	704620	704620	704194	704194	704194	704194	704620	704620	704620
Depth	23 Mar 2023	27 Jul 2023	27 Jul 2023	18 Aug 2023	18 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023
	5.1	0.3	0.5	2	2	2.7	2.7	2.7	2.7	2	2	2
	Unit											
Metals												
Aluminium	mg/kg	1,800	---	31,000	64,600	---	13,900	---	---	69,200	---	---
Antimony	mg/kg	<1	---	<1	<6	---	9.91	---	---	<0.6	---	---
Arsenic	mg/kg	12	---	17	11.5	---	73.9	---	---	9.14	---	---
Barium	mg/kg	34	---	220	267	---	685	---	---	578	---	---
Beryllium	mg/kg	0.2	---	4	---	---	---	---	---	---	---	---
Boron	mg/kg	---	---	---	1.21	---	2.88	---	---	1.65	---	---
Boron (filtered)	mg/kg	2.3	---	3.4	---	---	---	---	---	---	---	---
Cadmium	mg/kg	<0.1	---	<0.1	<0.2	---	0.316	---	---	0.0408	---	---
Chromium (hexavalent)	mg/kg	<1	---	<1	---	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	<0.6	---	0.746	---	---	<0.6	---	---
Chromium	mg/kg	---	---	---	106	---	1,200	---	---	22.2	---	---
Copper	mg/kg	7.4	---	6.8	16	---	106	---	---	6.59	---	---
Iron	mg/kg	8,700	---	11,000	19,000	---	146,000	---	---	12,800	---	---
Lead	mg/kg	45	---	12	26.7	---	208	---	---	13	---	---
Manganese	mg/kg	150	---	1,900	6,890	---	27,800	---	---	1,950	---	---
Mercury	mg/kg	<0.05	---	<0.05	<1	---	<1	---	---	<0.1	---	---
Molybdenum	mg/kg	<0.4	---	0.6	<1	---	5.9	---	---	0.104	---	---
Nickel	mg/kg	5.4	---	3.5	8.2	---	48.8	---	---	5.51	---	---
Selenium	mg/kg	<0.5	---	1.3	<10	---	16.6	---	---	3.74	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tin	mg/kg	<1	---	<1	---	---	---	---	---	---	---	---
Titanium	mg/kg	72	---	440	---	---	---	---	---	---	---	---
Vanadium	mg/kg	17	---	74	250	---	2,110	---	---	113	---	---
Zinc	mg/kg	37	---	53	300	---	412	---	---	153	---	---
Inorganics												
Sulphate (2:1 Water Soluble) as SO4	g/l	---	---	---	---	---	---	---	---	---	---	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	200	---	1,500	---	---	---	---	---	---	---	---
Sulphate Aqueous Extract as SO4 (2:1) (filtered)	mg/l	---	---	---	1,480	---	195	---	---	1,500	---	---
Sulphur as Sulphate, SO4	%	0.15	---	1.2	---	---	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---	<1	---	<1	---	---	<1	---	---
Ammoniacal Nitrogen as N	mg/kg	2.9	---	1.2	<12	---	15.3	---	---	28.4	---	---
Calcium	mg/kg	28,000	---	80,000	219,000	---	191,000	---	---	184,000	---	---
Chloride	mg/kg	55	---	54.1	---	---	---	---	---	---	---	---
Chloride (filtered)	mg/kg	---	---	---	32.3	---	45.3	---	---	95.3	---	---
Cyanide (Free)	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---	---	---
Cyanide (Free) (filtered)	mg/kg	---	---	---	<1	---	<1	---	---	<1	---	---
Cyanide Total	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---	---	---
Cyanide Total (filtered)	mg/kg	---	---	---	<1	---	1.03	---	---	<1	---	---
cyanides-complex	mg/kg	<0.2	---	<0.2	---	---	---	---	---	---	---	---
cyanides-complex (filtered)	mg/kg	---	---	---	<1	---	1.03	---	---	<1	---	---
Fluoride	mg/kg	1.7	---	12	1,240	---	1,210	---	---	684	---	---
Magnesium	mg/kg	3,900	---	13,000	34,200	---	32,100	---	---	33,200	---	---
Nitrate (as NO3-)	mg/kg	1.4	---	<1	---	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---	<1	---	40.7	---	---	<1	---	---
Nitrite (as N)	mg/kg	<0.5	---	<0.5	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	2	---	<1	---	---	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---	0.15	---	1.57	---	---	0.16	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---	<1	---	42.8	---	---	<1	---	---
Potassium	mg/kg	400	---	1,300	5,500	---	1,010	---	---	5,690	---	---
Sodium	mg/kg	270	---	550	2,470	---	499	---	---	3,110	---	---
Sulphate	mg/kg	1,500	---	---	37,400	---	6,780	---	---	27,700	---	---
Sulphide	mg/kg	110	---	2,100	1,060	---	85.2	---	---	1,430	---	---
Sulphur (free)	mg/kg	6.4	---	1	---	---	---	---	---	---	---	---
Sulphur as S	%	0.4	---	0.3	1.25	---	0.226	---	---	0.925	---	---
Thiocyanate (as SCN)	mg/kg	0.9	---	<0.6	---	---	---	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	<1	---	<1	---	---	<1	---	---
Orthophosphate as P	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---	---	---
PAH												
Coronene	mg/kg	---	---	---	<0.2	---	<0.2	---	---	<0.2	---	---
Naphthalene	mg/kg	<0.03	---	<0.03	0.0427	<0.1	<0.08	0.397	0.68	0.0335	0.176	0.238
Acenaphthene	mg/kg	<0.03	---	<0.03	<0.008	---	0.0297	<0.2	---	<0.008	---	---
Acenaphthylene	mg/kg	<0.03	---	<0.03	0.0209	<0.1	0.112	<0.2	---	0.024	<0.1	---
Fluoranthene	mg/kg	0.12	---	0.24	0.229	0.421	1.16	1.17	---	0.113	0.145	---
Anthracene	mg/kg	<0.03	---	0.04	0.0333	<0.1	0.165	<0.2	---	0.0327	<0.1	---
Phenanthrene	mg/kg	0.3	---	0.13	0.11	0.205	0.698	0.736	---	0.124	0.127	---
Fluorene	mg/kg	<0.03	---	<0.03	<0.01	---	0.0619	<0.2	---	0.0164	<0.1	---
Chrysene	mg/kg	0.05	---	0.12	0.126	0.276	0.718	0.881	---	0.0782	<0.1	---
Pyrene	mg/kg	0.1	---	0.2	0.188	0.376	1.25	1.44	---	<0.1	0.111	---
Benzo(a)anthracene	mg/kg	0.04	---	0.1	0.134	0.287	0.712	0.788	---	0.0934	<0.1	---
Benzo(b)fluoranthene	mg/kg	0.04	---	0.12	0.155	0.204	0.702	0.905	---	<0.1	0.119	---
Benzo(k)fluoranthene	mg/kg	<0.03	---	0.05	0.0591	0.201	0.409	0.767	---	0.0428	<0.1	---
Benzo(a)pyrene	mg/kg	<0.03	---	0.07	0.12	0.205	0.581	0.718	---	0.087	<0.1	---
Dibenz(a,h)anthracene	mg/kg	<0.03	---	<0.03	<0.023	---	0.0955	<0.2	---	<0.023	---	---
Benzo(g,h,i)perylene	mg/kg	<0.03	---	0.05	0.0829	0.156	0.507	0.529	---	0.0683	<0.1	---
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.03	---	0.05	0.0937	0.129	0.602	0.632	---	0.0643	<0.1	---
PAH 16 Total	mg/kg	0.65	---	1.2	1.39	---	8.6	---	---	1.18	---	---
PAH 17 Total	mg/kg	---	---	---	1.4	---	8.6	---	---	1.18	---	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		FOU_AUK_TP105	FOU_AUK_TP107	FOU_AUK_TP107	FOU_AUK_TP112	FOU_AUK_TP112	FOU_AUK_TP112	FOU_AUK_TP117	FOU_AUK_TP117	FOU_AUK_TP117	FOU_AUK_TP118	FOU_AUK_TP118
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704194	705249	705249	705508	705508	705508	704949	704949	704949	704765	704765
Date		24 Aug 2023	25 Aug 2023	25 Aug 2023	29 Aug 2023	29 Aug 2023	29 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	30 Aug 2023	30 Aug 2023
Depth		2	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	1	1
	Unit											
Metals												
Aluminium	mg/kg	14,100	77,900	---	8,920	---	---	76,800	---	---	24,800	---
Antimony	mg/kg	6.59	<6	---	<6	---	---	<0.6	---	---	<0.6	---
Arsenic	mg/kg	5.41	10.7	---	12.5	---	---	7.44	---	---	13.5	---
Barium	mg/kg	657	629	---	185	---	---	596	---	---	485	---
Beryllium	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Boron	mg/kg	<1	4.24	---	1	---	---	<1	---	---	1.55	---
Boron (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Cadmium	mg/kg	<0.02	<0.2	---	<0.2	---	---	<0.02	---	---	<0.02	---
Chromium (hexavalent)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	mg/kg	0.973	<0.6	---	<0.6	---	---	<0.6	---	---	<0.6	---
Chromium	mg/kg	2,230	22.3	---	<9	---	---	52.1	---	---	20.3	---
Copper	mg/kg	20.7	<14	---	31.6	---	---	14	---	---	10.1	---
Iron	mg/kg	94,700	<10,000	---	240,000	---	---	11,100	---	---	85,500	---
Lead	mg/kg	18.7	<7	---	181	---	---	14.7	---	---	29.3	---
Manganese	mg/kg	44,600	4,340	---	2,270	---	---	3,210	---	---	2,950	---
Mercury	mg/kg	<0.1	<1	---	<1	---	---	<0.1	---	---	<0.1	---
Molybdenum	mg/kg	3.59	<1	---	5.4	---	---	0.248	---	---	2.62	---
Nickel	mg/kg	6.03	5.36	---	71.2	---	---	4.08	---	---	12.8	---
Selenium	mg/kg	17.9	<10	---	<10	---	---	4.64	---	---	1.48	---
Silicon	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Titanium	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	2,260	98.9	---	60.1	---	---	155	---	---	117	---
Zinc	mg/kg	61.3	<19	---	432	---	---	71.7	---	---	139	---
Inorganics												
Sulphate (2:1 Water Soluble) as SO4	g/l	---	---	---	---	---	---	---	---	---	---	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	---	---	---	---	---	---	---	---	---	---	---
Sulphate Aqueous Extract as SO4 (2:1) (filtered)	mg/l	905	1,500	---	197	---	---	1,410	---	---	766	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/kg	<1	<1	---	<1	---	---	<1	---	---	<1	---
Ammoniacal Nitrogen as N	mg/kg	<12	<12	---	<12	---	---	<12	---	---	<12	---
Calcium	mg/kg	263,000	192,000	---	56,300	---	---	206,000	---	---	137,000	---
Chloride	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Chloride (filtered)	mg/kg	77.4	223	---	58	---	---	94.3	---	---	120	---
Cyanide (Free)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Cyanide (Free) (filtered)	mg/kg	<1	<1	---	<1	---	---	<1	---	---	<1	---
Cyanide Total	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Cyanide Total (filtered)	mg/kg	<1	<1	---	<1	---	---	<1	---	---	<1	---
cyanides-complex	mg/kg	---	---	---	---	---	---	---	---	---	---	---
cyanides-complex (filtered)	mg/kg	<1	<1	---	<1	---	---	<1	---	---	<1	---
Fluoride	mg/kg	980	585	---	203	---	---	869	---	---	486	---
Magnesium	mg/kg	28,800	36,500	---	9,690	---	---	29,200	---	---	11,400	---
Nitrate (as NO3-)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/kg	118	3.72	---	1.87	---	---	<1	---	---	1.94	---
Nitrite (as N)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/kg	14.1	0.44	---	0.22	---	---	0.14	---	---	0.32	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	136	4.32	---	2.17	---	---	<1	---	---	2.37	---
Potassium	mg/kg	939	2,920	---	509	---	---	6,390	---	---	2,210	---
Sodium	mg/kg	540	1,320	---	295	---	---	2,390	---	---	768	---
Sulphate	mg/kg	1,690	67,900	---	1,140	---	---	67,200	---	---	14,600	---
Sulphide	mg/kg	<15	600	---	75.6	---	---	231	---	---	727	---
Sulphur (free)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Sulphur as S	%	0.0562	2.26	---	0.0381	---	---	2.24	---	---	0.487	---
Thiocyanate (as SCN)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	mg/kg	<1	<1	---	<1	---	---	<1	---	---	<1	---
Orthophosphate as P	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PAH												
Coronene	mg/kg	<0.2	<0.2	---	<0.2	---	---	<0.2	---	---	<0.2	---
Naphthalene	mg/kg	<0.009	0.0365	<0.08	<0.16	1.17	1.29	0.091	0.147	<0.16	0.0907	0.125
Acenaphthene	mg/kg	<0.008	<0.008	---	0.125	0.134	---	0.0265	<0.1	---	0.0122	<0.1
Acenaphthylene	mg/kg	<0.012	<0.012	---	0.219	0.254	---	0.183	0.249	---	0.0195	<0.1
Fluoranthene	mg/kg	<0.017	0.0739	<0.1	2.03	2.69	---	1.67	2.3	---	0.125	0.224
Anthracene	mg/kg	<0.016	<0.016	---	0.474	0.558	---	0.243	0.297	---	0.0333	<0.1
Phenanthrene	mg/kg	<0.015	0.0773	<0.1	1.65	2	---	1	1.73	---	0.167	0.182
Fluorene	mg/kg	<0.01	<0.01	---	0.216	0.257	---	0.127	0.173	---	0.0255	<0.1
Chrysene	mg/kg	<0.01	0.0547	<0.1	0.894	1.41	---	0.682	0.916	---	<0.1	0.163
Pyrene	mg/kg	<0.015	0.0628	<0.1	1.55	2.01	---	1.39	2	---	<0.1	0.183
Benzo(a)anthracene	mg/kg	<0.014	0.0513	<0.1	0.946	1.37	---	0.766	1.01	---	<0.1	0.145
Benzo(b)fluoranthene	mg/kg	<0.015	0.067	<0.1	0.606	1.46	---	0.738	0.804	---	<0.1	0.175
Benzo(k)fluoranthene	mg/kg	<0.014	0.0282	<0.1	0.552	0.656	---	0.344	0.82	---	0.0584	<0.1
Benzo(a)pyrene	mg/kg	<0.015	0.0502	<0.1	0.632	0.893	---	0.668	0.823	---	<0.1	0.112
Dibenz(a,h)anthracene	mg/kg	<0.023	<0.023	---	<0.1	0.159	---	0.0861	<0.1	---	<0.023	---
Benzo(g,h,i)perylene	mg/kg	<0.024	0.0514	<0.1	0.39	0.556	---	0.469	0.469	---	0.0836	<0.1
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.018	0.0507	<0.1	0.471	0.54	---	0.418	0.492	---	0.0795	<0.1
PAH 16 Total	mg/kg	<0.118	0.604	---	16	---	---	8.94	---	---	1.59	---
PAH 17 Total	mg/kg	<0.318	0.604	---	16	---	---	8.94	---	---	1.59	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		FOU_AUK_TP118	FOU_AUK_TP124	FOU_AUK_TP124	FOU_AUK_TP124	FOU_AUK_TP127B	FOU_AUK_TP127B	FOU_AUK_TP129	FOU_AUK_TP129	S1-TPE37	S1-TPE47	S1-TPF07
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704765	701923	701923	701923	705249	705249	704620	704620			
Date		30 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	25 Aug 2023	25 Aug 2023	18 Aug 2023	18 Aug 2023			
Depth		1	1.5	4.5	4.5	1	1	2.5	2.5	3	2	0.6
	Unit											
Metals												
Aluminium	mg/kg	---	---	7,380	---	5,400	---	7,970	---	---	---	---
Antimony	mg/kg	---	---	9.23	---	<6	---	2.52	---	---	---	---
Arsenic	mg/kg	---	---	8.22	---	69.8	---	11.8	---	8.8	33	---
Barium	mg/kg	---	---	783	---	394	---	1,210	---	---	---	---
Beryllium	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Boron	mg/kg	---	---	1.02	---	1.06	---	<1	---	---	---	---
Boron (filtered)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Cadmium	mg/kg	---	---	<0.2	---	<0.2	---	<0.02	---	---	---	---
Chromium (hexavalent)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	mg/kg	---	---	1.4	---	1.76	---	1.92	---	---	---	---
Chromium	mg/kg	---	---	1,140	---	1,040	---	1,300	---	20	33	---
Copper	mg/kg	---	---	116	---	30.2	---	21.6	---	---	---	---
Iron	mg/kg	---	---	83,500	---	160,000	---	91,700	---	---	---	---
Lead	mg/kg	---	---	74.8	---	19	---	10.6	---	29	38	---
Manganese	mg/kg	---	---	31,900	---	47,000	---	44,100	---	---	---	---
Mercury	mg/kg	---	---	<1	---	<1	---	<0.1	---	---	---	---
Molybdenum	mg/kg	---	---	5.03	---	<1	---	0.112	---	---	---	---
Nickel	mg/kg	---	---	19.7	---	32.9	---	7.18	---	---	---	---
Selenium	mg/kg	---	---	22.3	---	31.9	---	15.4	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Titanium	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	---	---	2,500	---	4,510	---	3,480	---	---	---	---
Zinc	mg/kg	---	---	149	---	23.7	---	19.1	---	---	---	---
Inorganics												
Sulphate (2:1 Water Soluble) as SO4	g/l	---	---	---	---	---	---	---	---	---	---	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	---	---	---	---	---	---	---	---	---	---	---
Sulphate Aqueous Extract as SO4 (2:1) (filtered)	mg/l	---	---	75.9	---	10.1	---	25.8	---	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	<1	---	<1	---	<1	---	---	---	---
Ammoniacal Nitrogen as N	mg/kg	---	---	16.4	---	<12	---	<12	---	---	---	---
Calcium	mg/kg	---	---	244,000	---	219,000	---	281,000	---	---	---	---
Chloride	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Chloride (filtered)	mg/kg	---	---	34.9	---	20.3	---	35.5	---	---	---	---
Cyanide (Free)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Cyanide (Free) (filtered)	mg/kg	---	---	<1	---	<1	---	<1	---	---	---	---
Cyanide Total	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Cyanide Total (filtered)	mg/kg	---	---	<1	---	<1	---	<1	---	---	---	---
cyanides-complex	mg/kg	---	---	---	---	---	---	---	---	---	---	---
cyanides-complex (filtered)	mg/kg	---	---	<1	---	<1	---	<1	---	---	---	---
Fluoride	mg/kg	---	---	1,140	---	1,290	---	2,720	---	---	---	---
Magnesium	mg/kg	---	---	31,200	---	27,900	---	43,800	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/kg	---	---	1.24	---	3.21	---	35.8	---	---	---	---
Nitrite (as N)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/kg	---	---	1.01	---	3.76	---	0.74	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	2.6	---	8.28	---	36.8	---	---	---	---
Potassium	mg/kg	---	---	764	---	724	---	515	---	---	---	---
Sodium	mg/kg	---	---	506	---	565	---	299	---	---	---	---
Sulphate	mg/kg	---	---	6,660	---	1,580	---	2,250	---	580	1,600	230
Sulphide	mg/kg	---	---	29.8	---	<15	---	<15	---	---	---	---
Sulphur (free)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Sulphur as S	%	---	---	0.222	---	0.0528	---	0.075	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	<1	---	<1	---	<1	---	---	---	---
Orthophosphate as P	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PAH												
Coronene	mg/kg	---	---	<0.2	---	<0.2	---	<0.2	---	---	---	---
Naphthalene	mg/kg	<0.16	---	<0.008	---	<0.008	0.027	<0.008	---	<0.03	<0.03	---
Acenaphthene	mg/kg	---	---	<0.008	---	<0.008	---	<0.008	---	---	---	---
Acenaphthylene	mg/kg	---	---	0.016	<0.1	<0.012	---	<0.012	---	---	---	---
Fluoranthene	mg/kg	---	---	<0.1	0.417	0.0316	<0.1	0.0346	<0.1	---	---	---
Anthracene	mg/kg	---	---	0.033	<0.1	<0.016	---	<0.016	---	---	---	---
Phenanthrene	mg/kg	---	---	<0.1	0.234	0.0556	<0.1	<0.015	---	---	---	---
Fluorene	mg/kg	---	---	<0.01	---	<0.01	---	<0.01	---	---	---	---
Chrysene	mg/kg	---	---	<0.1	0.201	0.0148	<0.1	<0.01	---	---	---	---
Pyrene	mg/kg	---	---	<0.1	0.283	0.0231	<0.1	0.0244	<0.1	---	---	---
Benzo(a)anthracene	mg/kg	---	---	<0.1	0.161	0.0168	<0.1	<0.014	---	---	---	---
Benzo(b)fluoranthene	mg/kg	---	---	<0.1	0.188	0.0186	<0.1	<0.015	---	---	---	---
Benzo(k)fluoranthene	mg/kg	---	---	0.08	<0.1	<0.014	---	<0.014	---	---	---	---
Benzo(a)pyrene	mg/kg	---	---	<0.1	0.124	<0.015	---	<0.015	---	<0.03	<0.03	---
Dibenz(a,h)anthracene	mg/kg	---	---	<0.023	---	<0.023	---	<0.023	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	---	0.0984	<0.1	<0.024	---	<0.024	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	0.0893	<0.1	<0.018	---	<0.018	---	---	---	---
PAH 16 Total	mg/kg	---	---	1.92	---	0.188	---	<0.118	---	---	---	---
PAH 17 Total	mg/kg	---	---	1.92	---	<0.318	---	<0.318	---	---	---	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG
Location Code		S1-TPF13	S1-TPF13	S1-TPF14
Matrix Type		Soil	Soil	Soil
Lab Report Number				
Date				
Depth		1	2.4	1
	Unit			
Metals				
Aluminium	mg/kg	---	---	---
Antimony	mg/kg	---	---	---
Arsenic	mg/kg	4.4	4	7.4
Barium	mg/kg	---	---	---
Beryllium	mg/kg	---	---	---
Boron	mg/kg	---	---	---
Boron (filtered)	mg/kg	---	---	---
Cadmium	mg/kg	---	---	---
Chromium (hexavalent)	mg/kg	---	---	---
Chromium (hexavalent) (filtered)	mg/kg	---	---	---
Chromium	mg/kg	860	960	1,200
Copper	mg/kg	---	---	---
Iron	mg/kg	---	---	---
Lead	mg/kg	48	58	39
Manganese	mg/kg	---	---	---
Mercury	mg/kg	---	---	---
Molybdenum	mg/kg	---	---	---
Nickel	mg/kg	---	---	---
Selenium	mg/kg	---	---	---
Silicon	mg/kg	---	---	---
Tin	mg/kg	---	---	---
Titanium	mg/kg	---	---	---
Vanadium	mg/kg	---	---	---
Zinc	mg/kg	---	---	---
Inorganics				
Sulphate (2:1 Water Soluble) as SO4	g/l	---	---	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	---	---	---
Sulphate Aqueous Extract as SO4 (2:1) (filtered)	mg/l	---	---	---
Sulphur as Sulphate, SO4	%	---	---	---
Ortho phosphate as PO4 (filtered)	mg/kg	---	---	---
Ammoniacal Nitrogen as N	mg/kg	---	---	---
Calcium	mg/kg	---	---	---
Chloride	mg/kg	---	---	---
Chloride (filtered)	mg/kg	---	---	---
Cyanide (Free)	mg/kg	---	---	---
Cyanide (Free) (filtered)	mg/kg	---	---	---
Cyanide Total	mg/kg	---	---	---
Cyanide Total (filtered)	mg/kg	---	---	---
cyanides-complex	mg/kg	---	---	---
cyanides-complex (filtered)	mg/kg	---	---	---
Fluoride	mg/kg	---	---	---
Magnesium	mg/kg	---	---	---
Nitrate (as NO3-)	mg/kg	---	---	---
Nitrate (as NO3-) (filtered)	mg/kg	---	---	---
Nitrite (as N)	mg/kg	---	---	---
Nitrite (as NO2-)	mg/kg	---	---	---
Nitrite (as NO2-) (filtered)	mg/kg	---	---	---
Nitrogen (Total Oxidised) (filtered)	mg/kg	---	---	---
Potassium	mg/kg	---	---	---
Sodium	mg/kg	---	---	---
Sulphate	mg/kg	11	50	<10
Sulphide	mg/kg	---	---	---
Sulphur (free)	mg/kg	---	---	---
Sulphur as S	%	---	---	---
Thiocyanate (as SCN)	mg/kg	---	---	---
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---
Orthophosphate as P	mg/kg	---	---	---
PAH				
Coronene	mg/kg	---	---	---
Naphthalene	mg/kg	<0.03	<0.03	<0.03
Acenaphthene	mg/kg	---	---	---
Acenaphthylene	mg/kg	---	---	---
Fluoranthene	mg/kg	---	---	---
Anthracene	mg/kg	---	---	---
Phenanthrene	mg/kg	---	---	---
Fluorene	mg/kg	---	---	---
Chrysene	mg/kg	---	---	---
Pyrene	mg/kg	---	---	---
Benzo(a)anthracene	mg/kg	---	---	---
Benzo(b)fluoranthene	mg/kg	---	---	---
Benzo(k)fluoranthene	mg/kg	---	---	---
Benzo(a)pyrene	mg/kg	0.08	0.17	<0.03
Dibenz(a,h)anthracene	mg/kg	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---
PAH 16 Total	mg/kg	---	---	---
PAH 17 Total	mg/kg	---	---	---

Matrix Description		MG	MG	MG	MG	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C
Location Code		FOU_AUK_TP105	FOU_AUK_TP105	FOU_AUK_TP105	FOU_AUK_TP108	A-BH10	FOU_AUK_TP125	FOU_AUK_TP125	FOU_AUK_TP130	FOU_AUK_TP130	FOU_AUK_TP130
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704194	704194	704194	705249	23-07065	704620	704620	701923	701923	701923
Date		24 Aug 2023	24 Aug 2023	24 Aug 2023	25 Aug 2023	14 Mar 2023	17 Aug 2023	17 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023
Depth		0.2	0.2	0.2	0.4	4.9	1	1	4.5	4.5	4.5
	Unit										
TPH CWG											
>C5-C6 Aliphatics	mg/kg	<0.01	---	---	---	<0.01	<0.01	---	<0.01	---	---
>C6-C8 Aliphatics	mg/kg	<0.01	---	---	---	<0.01	<0.01	---	0.0566	---	---
>C8-C10 Aliphatics	mg/kg	<0.01	---	---	---	<0.01	<0.01	---	0.0305	---	---
>C5-C10 Aliphatics	mg/kg	<0.05	---	---	---	---	<0.05	---	0.087	---	---
>C10-C12 Aliphatics	mg/kg	5.02	---	---	---	2.31	<1	---	<1	---	---
>C16-C35 Aliphatics	mg/kg	---	---	---	---	10.9	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	8.28	---	---	---	<1.2	<1	---	<1	---	---
>C16-C21 Aliphatics	mg/kg	6.89	---	---	---	<1.5	<1	---	<1	---	---
>C21-C35 Aliphatics	mg/kg	39.4	---	---	---	9.4	1.43	---	<1	---	---
>C35-C44 Aliphatics	mg/kg	3.56	---	---	---	---	<1	---	<1	---	---
>C35-C40 Aliphatics	mg/kg	---	---	---	---	<3.4	---	---	---	---	---
>C10-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C40-C44 Aliphatics	mg/kg	---	---	---	---	<3.4	---	---	---	---	---
>C10-C40 Aliphatics	mg/kg	63.1	---	---	---	---	<5	---	<5	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C40	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	---	---	---	---	11.71	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	<0.01	---	---	---	<0.01	<0.01	---	<0.01	---	---
>EC5-EC10 Aromatics	mg/kg	<0.05	---	---	---	---	<0.05	---	<0.05	---	---
>EC7-EC8 Aromatics	mg/kg	<0.01	---	---	---	<0.01	<0.01	---	<0.01	---	---
>EC8-EC10 Aromatics	mg/kg	<0.01	---	---	---	<0.01	<0.01	---	0.0203	---	---
>EC10-EC12 Aromatics	mg/kg	2.89	---	---	---	<0.9	<1	---	<1	---	---
>EC12-EC16 Aromatics	mg/kg	20.2	---	---	---	<0.5	<1	---	<1	---	---
>EC16-EC21 Aromatics	mg/kg	34.9	---	---	---	<0.6	<1	---	<1	---	---
>EC21-EC35 Aromatics	mg/kg	120	---	---	---	<1.4	2.8	---	<1	---	---
>EC35-EC44 Aromatics	mg/kg	26.8	---	---	---	---	<1	---	<1	---	---
>EC10-EC44 Aromatics	mg/kg	205	---	---	---	---	<5	---	<5	---	---
>EC35-EC40 Aromatics	mg/kg	---	---	---	---	<1.4	---	---	---	---	---
>EC40-EC44 Aromatics	mg/kg	3.77	---	---	---	<1.4	<1	---	<1	---	---
Total Aromatics >EC5-EC40	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	---	---	---	---	<10	---	---	---	---	---
>C10-C44 Aliphatics & Aromatics	mg/kg	268	---	---	---	---	<10	---	<10	---	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	268	---	---	---	11.71	<10	---	<10	---	---
TPH											
GRO >C5-10	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH (C5-C10)	mg/kg	<0.02	---	---	---	---	<0.02	---	0.087	---	---
EPH >C10-40	mg/kg	---	---	---	---	460	---	---	---	---	---
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	---	---	---	<0.1	---	---	---	---	---
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	<10
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	<0.2	---	---	<0.02	---	<0.02	---	0.0028	---	---
Toluene	mg/kg	<0.2	---	---	<0.02	---	<0.02	---	0.00189	---	---
Ethylbenzene	mg/kg	<0.2	---	---	<0.02	---	<0.02	---	<0.001	---	---
Xylene (m & p)	mg/kg	<0.4	---	---	<0.04	---	<0.04	---	<0.002	---	---
Xylene (o)	mg/kg	<0.4	---	---	<0.04	---	<0.04	---	<0.002	---	---
Xylene Total	mg/kg	<4	---	---	---	---	<0.4	---	<0.02	---	---
MTBE	mg/kg	<0.1	---	---	<0.01	---	<0.01	---	<0.0005	---	---
Total BTEX	mg/kg	<1.4	---	---	<0.14	---	<0.14	---	<0.007	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	<0.4	---	---	<0.04	---	<0.04	---	<0.002	---	---
cis-1,3-dichloropropene	mg/kg	<0.1	---	---	<0.01	---	<0.01	---	<0.0005	---	---
trans-1,3-dichloropropene	mg/kg	<0.2	---	---	<0.02	---	<0.02	---	<0.001	---	---
1,1,1,2-tetrachloroethane	mg/kg	<0.2	---	---	<0.02	---	<0.02	---	<0.001	---	---
1,1,1-trichloroethane	mg/kg	<0.1	---	---	<0.01	---	<0.01	---	<0.0005	---	---
1,1,2,2-tetrachloroethane	mg/kg	<0.4	---	---	<0.04	---	<0.04	---	<0.002	---	---
1,1,2-trichloroethane	mg/kg	<0.2	---	---	<0.02	---	<0.02	---	<0.001	---	---
1,1-dichloroethane	mg/kg	<0.1	---	---	<0.01	---	<0.01	---	<0.0005	---	---
1,1-dichloroethene	mg/kg	<0.1	---	---	<0.01	---	<0.01	---	<0.0005	---	---
1,1-dichloropropene	mg/kg	<0.1	---	---	<0.01	---	<0.01	---	<0.0005	---	---
1,2,3-trichloropropane	mg/kg	<0.4	---	---	<0.04	---	<0.04	---	<0.002	---	---
1,2,4-trimethylbenzene	mg/kg	<0.6	---	---	<0.06	---	<0.06	---	<0.003	---	---
1,2-dibromo-3-chloropropane	mg/kg	<0.4	---	---	<0.04	---	<0.04	---	<0.002	---	---
1,2-dibromoethane	mg/kg	<0.2	---	---	<0.02	---	<0.02	---	<0.001	---	---
1,2-dichloroethane	mg/kg	<0.2	---	---	<0.02	---	<0.02	---	<0.001	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	<0.1	---	---	<0.01	---	<0.01	---	<0.0005	---	---
1,3,5-trimethylbenzene	mg/kg	<0.4	---	---	<0.04	---	<0.04	---	<0.002	---	---
1,3-dichloropropane	mg/kg	<0.2	---	---	<0.02	---	<0.02	---	<0.001	---	---
2,2-dichloropropane	mg/kg	<0.2	---	---	<0.02	---	<0.02	---	<0.001	---	---
2-chlorotoluene	mg/kg	<0.6	---	---	<0.06	---	<0.06	---	<0.003	---	---
4-chlorotoluene	mg/kg	<0.6	---	---	<0.06	---	<0.06	---	<0.003	---	---
Bromobenzene	mg/kg	<0.4	---	---	<0.04	---	<0.04	---	<0.002	---	---

Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		15DT15	15DT24	A-BH31	A-BH31	A-BH41	A-BH41	FOU_AUK_TP102	FOU_AUK_TP102	FOU_AUK_TP102	FOU_AUK_TP103	FOU_AUK_TP103
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-10776	23-10776	23-18438	23-18438	704620	704620	704620	704194	704194
Date		10 Jun 2004	10 Jun 2004	20 Mar 2023	20 Mar 2023	27 Jul 2023	27 Jul 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	24 Aug 2023	24 Aug 2023
Depth		0.2 - 0.2	0.3 - 0.3	0.1	0.5	3.55	3.55	2.5	2.5	2.5	1	1
	Unit											
TPH CWG												
>C5-C6 Aliphatics	mg/kg	---	---	---	---	<0.01	---	<0.01	---	---	<0.01	---
>C6-C8 Aliphatics	mg/kg	---	---	---	---	<0.01	---	<0.01	---	---	0.0264	---
>C8-C10 Aliphatics	mg/kg	---	---	---	---	<0.01	---	<0.01	---	---	0.0132	---
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	<0.05	---	---	<0.05	---
>C10-C12 Aliphatics	mg/kg	---	---	---	---	<1.5	---	<1	---	---	<1	---
>C16-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	---	---	---	2.1	---	1.42	---	---	1.14	---
>C16-C21 Aliphatics	mg/kg	---	---	---	---	7.9	---	9.3	---	---	7.86	---
>C21-C35 Aliphatics	mg/kg	---	---	---	---	13	---	25	---	---	32.3	---
>C35-C44 Aliphatics	mg/kg	---	---	---	---	<3.4	---	2.52	---	---	8.45	---
>C35-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>C10-C44 Aliphatics	mg/kg	---	---	---	---	23	---	---	---	---	---	---
>C40-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	38.2	---	---	49.8	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C40	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	---	---	---	<0.01	---	<0.01	---	---	<0.01	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	<0.05	---	---	<0.05	---
>EC7-EC8 Aromatics	mg/kg	---	---	---	---	<0.01	---	<0.01	---	---	<0.01	---
>EC8-EC10 Aromatics	mg/kg	---	---	---	---	<0.01	---	<0.01	---	---	<0.01	---
>EC10-EC12 Aromatics	mg/kg	---	---	---	---	11	---	<1	---	---	<1	---
>EC12-EC16 Aromatics	mg/kg	---	---	---	---	14	---	<1	---	---	1.17	---
>EC16-EC21 Aromatics	mg/kg	---	---	---	---	20	---	3.63	---	---	6.13	---
>EC21-EC35 Aromatics	mg/kg	---	---	---	---	20	---	18.9	---	---	29.9	---
>EC35-EC44 Aromatics	mg/kg	---	---	---	---	<1.4	---	1.72	---	---	3.81	---
>EC10-EC44 Aromatics	mg/kg	---	---	---	---	65	---	24.9	---	---	41.6	---
>EC35-EC40 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	<1	---	---	<1	---
Total Aromatics >EC5-EC40	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>C10-C44 Aliphatics & Aromatics	mg/kg	---	---	---	---	89	---	63.1	---	---	91.4	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	---	---	89	---	63.1	---	---	91.4	---
TPH												
GRO >C5-10	mg/kg	---	---	---	---	---	---	---	---	---	---	---
TPH (C5-C10)	mg/kg	---	---	---	---	---	---	<0.02	---	---	<0.02	---
EPH >C10-40	mg/kg	---	---	---	<10	110	---	---	---	---	---	---
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	---	---	<0.1	<0.1	---	---	---	---	---	---
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	110	790	---	---	---	---	---	---	---	---	---
BTEX and MTBE												
Benzene	mg/kg	---	---	---	<0.01	<0.002	---	<0.001	---	---	<0.01	---
Toluene	mg/kg	---	---	---	<0.01	<0.005	---	<0.001	---	---	0.0482	---
Ethylbenzene	mg/kg	---	---	---	<0.01	<0.01	0.027	<0.001	---	---	<0.01	---
Xylene (m & p)	mg/kg	---	---	---	---	<0.01	0.026	<0.002	---	---	<0.02	---
Xylene (o)	mg/kg	---	---	---	---	<0.002	---	<0.002	---	---	<0.02	---
Xylene Total	mg/kg	---	---	---	<0.01	---	---	<0.02	---	---	<0.2	---
MTBE	mg/kg	---	---	---	<0.01	<0.005	---	<0.0005	---	---	<0.005	---
Total BTEX	mg/kg	---	---	---	---	---	---	<0.007	---	---	<0.07	---
VOC												
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	---	---	---	---	<0.01	---	<0.002	---	---	<0.02	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	<0.01	---	<0.0005	---	---	<0.005	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	<0.01	---	<0.001	---	---	<0.01	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	<0.01	---	<0.001	---	---	<0.01	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	<0.01	---	<0.0005	---	---	<0.005	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	<0.002	---	---	<0.02	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	<0.01	---	<0.001	---	---	<0.01	---
1,1-dichloroethane	mg/kg	---	---	---	---	<0.01	---	<0.0005	---	---	<0.005	---
1,1-dichloroethene	mg/kg	---	---	---	---	<0.01	---	<0.0005	---	---	<0.005	---
1,1-dichloropropene	mg/kg	---	---	---	---	<0.01	---	<0.0005	---	---	<0.005	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	<0.01	---	<0.002	---	---	<0.02	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	<0.01	---	<0.003	---	---	<0.03	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	<0.01	---	<0.002	---	---	<0.02	---
1,2-dibromoethane	mg/kg	---	---	---	---	<0.01	---	<0.001	---	---	<0.01	---
1,2-dichloroethane	mg/kg	---	---	---	---	<0.01	---	<0.001	---	---	<0.01	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	<0.01	---	<0.0005	---	---	<0.005	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	<0.01	---	<0.002	---	---	<0.02	---
1,3-dichloropropane	mg/kg	---	---	---	---	<0.01	---	<0.001	---	---	<0.01	---
2,2-dichloropropane	mg/kg	---	---	---	---	<0.01	---	<0.001	---	---	<0.01	---
2-chlorotoluene	mg/kg	---	---	---	---	<0.01	---	<0.003	---	---	<0.03	---
4-chlorotoluene	mg/kg	---	---	---	---	<0.01	---	<0.003	---	---	<0.03	---
Bromobenzene	mg/kg	---	---	---	---	<0.01	---	<0.002	---	---	<0.02	---

Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		FOU_AUK_TP103	FOU_AUK_TP105	FOU_AUK_TP126	FOU_AUK_TP126	FOU_AUK_TP126	FOU_AUK_TP127	FOU_AUK_TP127	FOU_AUK_TP127	FOU_AUK_TP127	FOU_AUK_TP127	FOU_AUK_TP127
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704194	704194	704620	704620	704620	704194	704194	704194	704194	704194	704194
Date		24 Aug 2023	24 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023
Depth		1	0.5	3	3	3	1	1	1	2	2	2
	Unit											
TPH CWG												
>C5-C6 Aliphatics	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
>C6-C8 Aliphatics	mg/kg	---	---	<0.01	---	---	0.0477	---	---	0.0594	---	---
>C8-C10 Aliphatics	mg/kg	---	---	<0.01	---	---	0.0588	---	---	0.047	---	---
>C5-C10 Aliphatics	mg/kg	---	---	<0.05	---	---	0.107	---	---	0.106	---	---
>C10-C12 Aliphatics	mg/kg	---	---	<1	---	---	4.29	---	---	<1	---	---
>C16-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	---	<1	---	---	10.4	---	---	2.69	---	---
>C16-C21 Aliphatics	mg/kg	---	---	<1	---	---	33.7	---	---	10.9	---	---
>C21-C35 Aliphatics	mg/kg	---	---	<1	---	---	163	---	---	53.9	---	---
>C35-C44 Aliphatics	mg/kg	---	---	<1	---	---	49.3	---	---	17.2	---	---
>C35-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>C10-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>C40-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>C10-C40 Aliphatics	mg/kg	---	---	<5	---	---	260	---	---	85.2	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C40	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	<0.05	---	---	0.0555	---	---	<0.05	---	---
>EC7-EC8 Aromatics	mg/kg	---	---	<0.01	---	---	0.0167	---	---	<0.01	---	---
>EC8-EC10 Aromatics	mg/kg	---	---	<0.01	---	---	0.0389	---	---	0.0314	---	---
>EC10-EC12 Aromatics	mg/kg	---	---	<1	---	---	11.9	---	---	2.63	---	---
>EC12-EC16 Aromatics	mg/kg	---	---	<1	---	---	23.6	---	---	5.62	---	---
>EC16-EC21 Aromatics	mg/kg	---	---	<1	---	---	96.6	---	---	28.8	---	---
>EC21-EC35 Aromatics	mg/kg	---	---	1.74	---	---	254	---	---	102	---	---
>EC35-EC44 Aromatics	mg/kg	---	---	<1	---	---	32.5	---	---	19	---	---
>EC10-EC44 Aromatics	mg/kg	---	---	<5	---	---	419	---	---	158	---	---
>EC35-EC40 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>EC40-EC44 Aromatics	mg/kg	---	---	<1	---	---	5.73	---	---	3.78	---	---
Total Aromatics >EC5-EC40	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>C10-C44 Aliphatics & Aromatics	mg/kg	---	---	<10	---	---	679	---	---	244	---	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	<10	---	---	679	---	---	244	---	---
TPH												
GRO >C5-10	mg/kg	---	---	---	---	---	---	---	---	---	---	---
TPH (C5-C10)	mg/kg	---	---	<0.02	---	---	0.162	---	---	0.106	---	---
EPH >C10-40	mg/kg	---	---	---	---	---	---	---	---	---	---	---
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE												
Benzene	mg/kg	---	---	0.0228	---	---	<0.02	---	---	0.0326	---	---
Toluene	mg/kg	---	---	<0.02	---	---	0.0688	---	---	0.0335	---	---
Ethylbenzene	mg/kg	---	---	<0.02	---	---	<0.02	---	---	<0.02	---	---
Xylene (m & p)	mg/kg	---	---	<0.04	---	---	0.0636	---	---	<0.04	---	---
Xylene (o)	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---	---
Xylene Total	mg/kg	---	---	<0.4	---	---	<0.4	---	---	<0.4	---	---
MTBE	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
Total BTEX	mg/kg	---	---	<0.14	---	---	<0.14	---	---	<0.14	---	---
VOC												
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---	---
cis-1,3-dichloropropene	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
trans-1,3-dichloropropene	mg/kg	---	---	<0.02	---	---	<0.02	---	---	<0.02	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	<0.02	---	---	<0.02	---	---	<0.02	---	---
1,1,1-trichloroethane	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---	---
1,1,2-trichloroethane	mg/kg	---	---	<0.02	---	---	<0.02	---	---	<0.02	---	---
1,1-dichloroethane	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
1,1-dichloroethene	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
1,1-dichloropropene	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
1,2,3-trichloropropane	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	<0.06	---	---	<0.06	---	---	<0.06	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---	---
1,2-dibromoethane	mg/kg	---	---	<0.02	---	---	<0.02	---	---	<0.02	---	---
1,2-dichloroethane	mg/kg	---	---	<0.02	---	---	<0.02	---	---	<0.02	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---	---
1,3-dichloropropane	mg/kg	---	---	<0.02	---	---	<0.02	---	---	<0.02	---	---
2,2-dichloropropane	mg/kg	---	---	<0.02	---	---	<0.02	---	---	<0.02	---	---
2-chlorotoluene	mg/kg	---	---	<0.06	---	---	<0.06	---	---	<0.06	---	---
4-chlorotoluene	mg/kg	---	---	<0.06	---	---	<0.06	---	---	<0.06	---	---
Bromobenzene	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---	---

Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		FOU_AUK_TP128	FOU_AUK_TP128	FOU_AUK_TP128	FOU_AUK_TP130	FOU_AUK_TP131	FOU_AUK_TP131	FOU_AUK_TP131	FOU_AUK_TP131	FOU_AUK_TP131	S1-BH10
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704620	704620	704620	701923	702516	702516	702516	702516	20211022 ARC SS11-SS12	20211022 ARC SS11-SS12
Date		18 Aug 2023	18 Aug 2023	18 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	17 Oct 2017	17 Oct 2017
Depth		2	2	2	3	1.5	1.5	1.5	4	1.5 - 1.5	4.5 - 4.5
	Unit										
TPH CWG											
>C5-C6 Aliphatics	mg/kg	<0.01	---	---	<0.01	<0.01	---	---	0.0119	<0.01	<0.01
>C6-C8 Aliphatics	mg/kg	<0.01	---	---	<0.01	0.0293	---	---	0.0584	<0.01	0.03
>C8-C10 Aliphatics	mg/kg	<0.01	---	---	<0.01	<0.01	---	---	0.0551	<0.01	0.12
>C5-C10 Aliphatics	mg/kg	<0.05	---	---	<0.05	<0.05	---	---	0.125	---	---
>C10-C12 Aliphatics	mg/kg	<1	---	---	<1	<1	---	---	<1	<1.50	<1.50
>C16-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	<4.9	<4.9
>C12-C16 Aliphatics	mg/kg	<1	---	---	1.53	1.8	---	---	<1	<1.20	<1.20
>C16-C21 Aliphatics	mg/kg	<1	---	---	31.5	9.33	---	---	<1	<1.50	<1.50
>C21-C35 Aliphatics	mg/kg	4.75	---	---	155	45.3	---	---	<1	<3.40	<3.40
>C35-C44 Aliphatics	mg/kg	<1	---	---	60.5	12.9	---	---	1.15	---	---
>C35-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C10-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C40-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C10-C40 Aliphatics	mg/kg	5.51	---	---	249	69.4	---	---	<5	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	<10.00	<10.00
Total Aliphatics >C5-C40	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	<0.01	---	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01
>EC5-EC10 Aromatics	mg/kg	<0.05	---	---	<0.05	<0.05	---	---	0.0508	---	---
>EC7-EC8 Aromatics	mg/kg	<0.01	---	---	<0.01	<0.01	---	---	0.0141	<0.01	0.01
>EC8-EC10 Aromatics	mg/kg	<0.01	---	---	<0.01	<0.01	---	---	0.0368	0.05	0.03
>EC10-EC12 Aromatics	mg/kg	2	---	---	<1	<1	---	---	<1	<0.90	<0.90
>EC12-EC16 Aromatics	mg/kg	1.35	---	---	<1	<1	---	---	<1	2.90	<0.50
>EC16-EC21 Aromatics	mg/kg	26.4	---	---	2.86	8.09	---	---	<1	15.00	<0.60
>EC21-EC35 Aromatics	mg/kg	80.7	---	---	28	44.4	---	---	<1	68.00	<1.40
>EC35-EC44 Aromatics	mg/kg	13	---	---	1.39	5.47	---	---	<1	---	---
>EC10-EC44 Aromatics	mg/kg	124	---	---	32.3	59	---	---	<5	---	---
>EC35-EC40 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC40-EC44 Aromatics	mg/kg	1.88	---	---	<1	<1	---	---	<1	---	---
Total Aromatics >EC5-EC40	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	---	---	---	---	---	---	---	---	---	---
>C10-C44 Aliphatics & Aromatics	mg/kg	129	---	---	281	128	---	---	<10	---	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	87.00	<10.00
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	129	---	---	281	128	---	---	<10	---	---
TPH											
GRO >C5-10	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH (C5-C10)	mg/kg	<0.02	---	---	<0.02	<0.02	---	---	0.176	---	---
EPH >C10-40	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	mg/kg	<0.001	---	---	<0.001	<0.02	---	---	<0.01	---	---
Toluene	mg/kg	0.00311	---	---	0.00147	<0.02	---	---	0.0237	---	---
Ethylbenzene	mg/kg	<0.001	---	---	<0.001	<0.02	---	---	<0.01	---	---
Xylene (m & p)	mg/kg	<0.002	---	---	<0.002	<0.04	---	---	<0.02	---	---
Xylene (o)	mg/kg	<0.002	---	---	<0.002	<0.04	---	---	<0.02	---	---
Xylene Total	mg/kg	<0.02	---	---	<0.02	<0.4	---	---	<0.2	---	---
MTBE	mg/kg	<0.0005	---	---	<0.0005	<0.01	---	---	<0.005	---	---
Total BTEX	mg/kg	<0.007	---	---	<0.007	<0.14	---	---	<0.07	---	---
VOC											
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	<0.002	---	---	---	<0.04	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	<0.0005	---	---	---	<0.01	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	<0.001	---	---	---	<0.02	---	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	<0.001	---	---	---	<0.02	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	<0.0005	---	---	---	<0.01	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	<0.002	---	---	---	<0.04	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	<0.001	---	---	---	<0.02	---	---	---	---	---
1,1-dichloroethane	mg/kg	<0.0005	---	---	---	<0.01	---	---	---	---	---
1,1-dichloroethene	mg/kg	<0.0005	---	---	---	<0.01	---	---	---	---	---
1,1-dichloropropene	mg/kg	<0.0005	---	---	---	<0.01	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	<0.002	---	---	---	<0.04	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	<0.003	---	---	---	<0.06	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	<0.002	---	---	---	<0.04	---	---	---	---	---
1,2-dibromoethane	mg/kg	<0.001	---	---	---	<0.02	---	---	---	---	---
1,2-dichloroethane	mg/kg	<0.001	---	---	---	<0.02	---	---	---	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	<0.0005	---	---	---	<0.01	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	<0.002	---	---	---	<0.04	---	---	---	---	---
1,3-dichloropropane	mg/kg	<0.001	---	---	---	<0.02	---	---	---	---	---
2,2-dichloropropane	mg/kg	<0.001	---	---	---	<0.02	---	---	---	---	---
2-chlorotoluene	mg/kg	<0.003	---	---	---	<0.06	---	---	---	---	---
4-chlorotoluene	mg/kg	<0.003	---	---	---	<0.06	---	---	---	---	---
Bromobenzene	mg/kg	<0.002	---	---	---	<0.04	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MG-G	MG-G	MG-G	MG-G	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
		S1-TPE37	S1-TPE46	S1-TPE56	S1-TPF01	15DT16	15DT25	15DT34	A-BH10	A-BH25	A-BH39	A-BH39
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
						10 Jun 2004	10 Jun 2004	10 Jun 2004	23-07065	23-05120	23-07539	23-07539
		4.5	1.5	2.6	0.7	0.8 - 0.8	0.6 - 0.6	0.2 - 0.2	14 Mar 2023	23 Feb 2023	23 Mar 2023	23 Mar 2023
TPH CWG												
>C5-C6 Aliphatics	mg/kg	---	---	---	---	---	---	---	<0.01	<0.01	---	---
>C6-C8 Aliphatics	mg/kg	---	---	---	---	---	---	---	<0.01	<0.01	---	---
>C8-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	<0.01	<0.01	---	---
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	---	---	---	---	---	---	---	2	<1.5	---	---
>C16-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	8.93	18.71	---	---
>C12-C16 Aliphatics	mg/kg	---	---	---	---	---	---	---	<1.2	<1.2	---	---
>C16-C21 Aliphatics	mg/kg	---	---	---	---	---	---	---	<1.5	<1.5	---	---
>C21-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	7.43	17.21	---	---
>C35-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>C35-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	<3.4	<3.4	---	---
>C10-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>C40-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	<3.4	<3.4	---	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C40	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	---	---	---	---	---	---	---	<10	17.21	---	---
>EC5-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	<0.01	<0.01	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	---	---	---	---	---	---	---	<0.01	<0.01	---	---
>EC8-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	<0.01	<0.01	---	---
>EC10-EC12 Aromatics	mg/kg	---	---	---	---	---	---	---	<0.9	<0.9	---	---
>EC12-EC16 Aromatics	mg/kg	---	---	---	---	---	---	---	<0.5	1.11	---	---
>EC16-EC21 Aromatics	mg/kg	---	---	---	---	---	---	---	1.27	1.62	---	---
>EC21-EC35 Aromatics	mg/kg	---	---	---	---	---	---	---	<1.4	1.73	---	---
>EC35-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>EC10-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>EC35-EC40 Aromatics	mg/kg	---	---	---	---	---	---	---	<1.4	<1.4	---	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	<1.4	<1.4	---	---
Total Aromatics >EC5-EC40	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	---	---	---	---	---	---	---	<10	<10	---	---
>C10-C44 Aliphatics & Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	<10	17.21	---	---
TPH												
GRO >C5-10	mg/kg	---	---	---	---	---	---	---	---	---	---	---
TPH (C5-C10)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
EPH >C10-40	mg/kg	---	---	---	---	---	---	---	<10	110	---	<10
GRO	mg/kg	---	---	---	---	---	<0.5	0.4	---	---	---	---
GRO C5-C10	mg/kg	---	---	---	---	---	---	---	<0.1	<0.1	---	<0.1
Total Petroleum Hydrocarbons	mg/kg	43	<10	<10	160	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	<10.0	78	360	---	---	---	---
BTEX and MTBE												
Benzene	mg/kg	---	---	---	---	---	<0.025	<0.01	---	---	---	---
Toluene	mg/kg	---	---	---	---	---	<0.025	<0.01	---	---	---	---
Ethylbenzene	mg/kg	---	---	---	---	---	<0.025	<0.01	---	---	---	---
Xylene (m & p)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Xylene (o)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Xylene Total	mg/kg	---	---	---	---	---	<0.05	<0.02	---	---	---	---
MTBE	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total BTEX	mg/kg	---	---	---	---	---	---	---	---	---	---	---
VOC												
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		A-BH39	A-BH41	A-BH41	FOU_AUK_TP101	FOU_AUK_TP101	FOU_AUK_TP103	FOU_AUK_TP103	FOU_AUK_TP103	FOU_AUK_TP103	FOU_AUK_TP104	FOU_AUK_TP104
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-07539	23-18438	23-18438	704620	704620	704194	704194	704194	704620	704620	704620
Date		23 Mar 2023	27 Jul 2023	27 Jul 2023	18 Aug 2023	18 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023
Depth		5.1	0.3	0.5	2	2	2.7	2.7	2.7	2	2	2
	Unit											
TPH CWG												
>C5-C6 Aliphatics	mg/kg	<0.01	---	---	<0.01	---	<0.01	---	---	<0.01	---	---
>C6-C8 Aliphatics	mg/kg	<0.01	---	---	<0.01	---	<0.01	---	---	<0.01	---	---
>C8-C10 Aliphatics	mg/kg	<0.01	---	---	<0.01	---	<0.01	---	---	<0.01	---	---
>C5-C10 Aliphatics	mg/kg	---	---	---	<0.05	---	<0.05	---	---	<0.05	---	---
>C10-C12 Aliphatics	mg/kg	<1.5	---	---	<1	---	<1	---	---	<1	---	---
>C16-C35 Aliphatics	mg/kg	23.91	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	2.66	---	---	<1	---	2.79	---	---	<1	---	---
>C16-C21 Aliphatics	mg/kg	11.6	---	---	<1	---	18.4	---	---	<1	---	---
>C21-C35 Aliphatics	mg/kg	12.31	---	---	4.31	---	66.1	---	---	1.09	---	---
>C35-C44 Aliphatics	mg/kg	---	---	---	<1	---	14.6	---	---	<1	---	---
>C35-C40 Aliphatics	mg/kg	<3.4	---	---	---	---	---	---	---	---	---	---
>C10-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>C40-C44 Aliphatics	mg/kg	<3.4	---	---	---	---	---	---	---	---	---	---
>C10-C40 Aliphatics	mg/kg	---	---	---	5.2	---	102	---	---	<5	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C40	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	26.57	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	<0.01	---	---	<0.01	---	<0.01	---	---	<0.01	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	<0.05	---	<0.05	---	---	<0.05	---	---
>EC7-EC8 Aromatics	mg/kg	<0.01	---	---	<0.01	---	<0.01	---	---	<0.01	---	---
>EC8-EC10 Aromatics	mg/kg	<0.01	---	---	<0.01	---	<0.01	---	---	<0.01	---	---
>EC10-EC12 Aromatics	mg/kg	<0.9	---	---	<1	---	<1	---	---	<1	---	---
>EC12-EC16 Aromatics	mg/kg	2.94	---	---	<1	---	<1	---	---	<1	---	---
>EC16-EC21 Aromatics	mg/kg	6.89	---	---	<1	---	5.15	---	---	<1	---	---
>EC21-EC35 Aromatics	mg/kg	2.81	---	---	3.7	---	21.9	---	---	<1	---	---
>EC35-EC44 Aromatics	mg/kg	---	---	---	<1	---	1.82	---	---	<1	---	---
>EC10-EC44 Aromatics	mg/kg	---	---	---	5.07	---	29.5	---	---	<5	---	---
>EC35-EC40 Aromatics	mg/kg	<1.4	---	---	---	---	---	---	---	---	---	---
>EC40-EC44 Aromatics	mg/kg	<1.4	---	---	<1	---	<1	---	---	<1	---	---
Total Aromatics >EC5-EC40	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	12.65	---	---	---	---	---	---	---	---	---	---
>C10-C44 Aliphatics & Aromatics	mg/kg	---	---	---	10.3	---	131	---	---	<10	---	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	39.22	---	---	10.3	---	131	---	---	<10	---	---
TPH												
GRO >C5-10	mg/kg	---	---	---	---	---	---	---	---	---	---	---
TPH (C5-C10)	mg/kg	---	---	---	<0.02	---	<0.02	---	---	<0.02	---	---
EPH >C10-40	mg/kg	120	---	<10	---	---	---	---	---	---	---	---
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	<0.1	---	<0.1	---	---	---	---	---	---	---	---
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE												
Benzene	mg/kg	<0.01	---	---	<0.02	---	<0.01	---	---	<0.001	---	---
Toluene	mg/kg	<0.01	---	---	<0.02	---	0.0147	---	---	<0.001	---	---
Ethylbenzene	mg/kg	<0.01	---	---	<0.02	---	<0.01	---	---	<0.001	---	---
Xylene (m & p)	mg/kg	<0.01	---	---	<0.04	---	<0.02	---	---	<0.002	---	---
Xylene (o)	mg/kg	<0.01	---	---	<0.04	---	<0.02	---	---	<0.002	---	---
Xylene Total	mg/kg	<0.02	---	---	<0.4	---	<0.2	---	---	<0.02	---	---
MTBE	mg/kg	<0.01	---	---	<0.01	---	<0.005	---	---	<0.0005	---	---
Total BTEX	mg/kg	---	---	---	<0.14	---	<0.07	---	---	<0.007	---	---
VOC												
Sum Tetrachloroethene and												
Trichloroethene	mg/kg	<0.02	---	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	<0.01	---	---	<0.04	---	<0.02	---	---	<0.002	---	---
cis-1,3-dichloropropene	mg/kg	<0.01	---	---	<0.01	---	<0.005	---	---	<0.0005	---	---
trans-1,3-dichloropropene	mg/kg	<0.01	---	---	<0.02	---	<0.01	---	---	<0.001	---	---
1,1,1,2-tetrachloroethane	mg/kg	<0.01	---	---	<0.02	---	<0.01	---	---	<0.001	---	---
1,1,1-trichloroethane	mg/kg	<0.01	---	---	<0.01	---	<0.005	---	---	<0.0005	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	<0.04	---	<0.02	---	---	<0.002	---	---
1,1,2-trichloroethane	mg/kg	<0.01	---	---	<0.02	---	<0.01	---	---	<0.001	---	---
1,1-dichloroethane	mg/kg	<0.01	---	---	<0.01	---	<0.005	---	---	<0.0005	---	---
1,1-dichloroethene	mg/kg	<0.01	---	---	<0.01	---	<0.005	---	---	<0.0005	---	---
1,1-dichloropropene	mg/kg	<0.01	---	---	<0.01	---	<0.005	---	---	<0.0005	---	---
1,2,3-trichloropropane	mg/kg	<0.01	---	---	<0.04	---	<0.02	---	---	<0.002	---	---
1,2,4-trimethylbenzene	mg/kg	<0.01	---	---	<0.06	---	<0.03	---	---	<0.003	---	---
1,2-dibromo-3-chloropropane	mg/kg	<0.01	---	---	<0.04	---	<0.02	---	---	<0.002	---	---
1,2-dibromoethane	mg/kg	<0.01	---	---	<0.02	---	<0.01	---	---	<0.001	---	---
1,2-dichloroethane	mg/kg	<0.01	---	---	<0.02	---	<0.01	---	---	<0.001	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	<0.01	---	---	<0.01	---	<0.005	---	---	<0.0005	---	---
1,3,5-trimethylbenzene	mg/kg	<0.01	---	---	<0.04	---	<0.02	---	---	<0.002	---	---
1,3-dichloropropane	mg/kg	<0.01	---	---	<0.02	---	<0.01	---	---	<0.001	---	---
2,2-dichloropropane	mg/kg	<0.01	---	---	<0.02	---	<0.01	---	---	<0.001	---	---
2-chlorotoluene	mg/kg	<0.01	---	---	<0.06	---	<0.03	---	---	<0.003	---	---
4-chlorotoluene	mg/kg	<0.01	---	---	<0.06	---	<0.03	---	---	<0.003	---	---
Bromobenzene	mg/kg	<0.01	---	---	<0.04	---	<0.02	---	---	<0.002	---	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		FOU_AUK_TP105	FOU_AUK_TP107	FOU_AUK_TP107	FOU_AUK_TP112	FOU_AUK_TP112	FOU_AUK_TP112	FOU_AUK_TP117	FOU_AUK_TP117	FOU_AUK_TP117	FOU_AUK_TP118	FOU_AUK_TP118
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704194	705249	705249	705508	705508	705508	704949	704949	704949	704765	704765
Date		24 Aug 2023	25 Aug 2023	25 Aug 2023	29 Aug 2023	29 Aug 2023	29 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	30 Aug 2023	30 Aug 2023
Depth		2	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	1	1
	Unit											
TPH CWG												
>C5-C6 Aliphatics	mg/kg	<0.01	<0.01	---	<0.01	---	---	<0.01	---	---	<0.01	---
>C6-C8 Aliphatics	mg/kg	<0.01	<0.01	---	<0.01	---	---	<0.01	---	---	<0.01	---
>C8-C10 Aliphatics	mg/kg	<0.01	<0.01	---	<0.01	---	---	<0.01	---	---	<0.01	---
>C5-C10 Aliphatics	mg/kg	<0.05	<0.05	---	<0.05	---	---	<0.05	---	---	<0.05	---
>C10-C12 Aliphatics	mg/kg	<1	<1	---	2.62	---	---	<1	---	---	<1	---
>C16-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	<1	<1	---	5.47	---	---	<1	---	---	<1	---
>C16-C21 Aliphatics	mg/kg	<1	1.2	---	16.2	---	---	<1	---	---	<1	---
>C21-C35 Aliphatics	mg/kg	<1	16.8	---	157	---	---	9.33	---	---	3.77	---
>C35-C44 Aliphatics	mg/kg	<1	<1	---	26.8	---	---	4.34	---	---	1.16	---
>C35-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>C10-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>C40-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>C10-C40 Aliphatics	mg/kg	<5	18.8	---	208	---	---	14.5	---	---	5.05	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C40	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	<0.01	<0.01	---	<0.01	---	---	<0.01	---	---	<0.01	---
>EC5-EC10 Aromatics	mg/kg	<0.05	<0.05	---	<0.05	---	---	<0.05	---	---	<0.05	---
>EC7-EC8 Aromatics	mg/kg	<0.01	<0.01	---	<0.01	---	---	<0.01	---	---	<0.01	---
>EC8-EC10 Aromatics	mg/kg	<0.01	<0.01	---	<0.01	---	---	<0.01	---	---	<0.01	---
>EC10-EC12 Aromatics	mg/kg	<1	<1	---	1.66	---	---	<1	---	---	<1	---
>EC12-EC16 Aromatics	mg/kg	<1	<1	---	13	---	---	<1	---	---	<1	---
>EC16-EC21 Aromatics	mg/kg	<1	<1	---	19.1	---	---	6.96	---	---	<1	---
>EC21-EC35 Aromatics	mg/kg	<1	4.43	---	62.6	---	---	21.9	---	---	1.64	---
>EC35-EC44 Aromatics	mg/kg	<1	<1	---	5.2	---	---	1.86	---	---	<1	---
>EC10-EC44 Aromatics	mg/kg	<5	5.89	---	102	---	---	30.8	---	---	<5	---
>EC35-EC40 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>EC40-EC44 Aromatics	mg/kg	<1	<1	---	1.27	---	---	<1	---	---	<1	---
Total Aromatics >EC5-EC40	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>C10-C44 Aliphatics & Aromatics	mg/kg	<10	24.7	---	310	---	---	45.3	---	---	<10	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	<10	24.7	---	310	---	---	45.3	---	---	<10	---
TPH												
GRO >C5-10	mg/kg	---	---	---	---	---	---	---	---	---	---	---
TPH (C5-C10)	mg/kg	<0.02	<0.02	---	<0.02	---	---	<0.02	---	---	<0.02	---
EPH >C10-40	mg/kg	---	---	---	---	---	---	---	---	---	---	---
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	---	---	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
BTEx and MTBE												
Benzene	mg/kg	<0.01	<0.01	---	<0.02	---	---	<0.02	---	---	<0.02	---
Toluene	mg/kg	<0.01	<0.01	---	<0.02	---	---	0.0623	---	---	<0.02	---
Ethylbenzene	mg/kg	<0.01	<0.01	---	<0.02	---	---	0.0504	---	---	<0.02	---
Xylene (m & p)	mg/kg	<0.02	<0.02	---	<0.04	---	---	<0.04	---	---	<0.04	---
Xylene (o)	mg/kg	<0.02	<0.02	---	<0.04	---	---	<0.04	---	---	<0.04	---
Xylene Total	mg/kg	<0.2	<0.2	---	<0.4	---	---	<0.4	---	---	<0.4	---
MTBE	mg/kg	<0.005	<0.005	---	<0.01	---	---	<0.01	---	---	<0.01	---
Total BTEx	mg/kg	<0.07	<0.07	---	<0.14	---	---	<0.14	---	---	<0.14	---
VOC												
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	<0.02	<0.02	---	<0.04	---	---	<0.04	---	---	<0.04	---
cis-1,3-dichloropropene	mg/kg	<0.005	<0.005	---	<0.01	---	---	<0.01	---	---	<0.01	---
trans-1,3-dichloropropene	mg/kg	<0.01	<0.01	---	<0.02	---	---	<0.02	---	---	<0.02	---
1,1,1,2-tetrachloroethane	mg/kg	<0.01	<0.01	---	<0.02	---	---	<0.02	---	---	<0.02	---
1,1,1-trichloroethane	mg/kg	<0.005	<0.005	---	<0.01	---	---	<0.01	---	---	<0.01	---
1,1,2,2-tetrachloroethane	mg/kg	<0.02	<0.02	---	<0.04	---	---	<0.04	---	---	<0.04	---
1,1,2-trichloroethane	mg/kg	<0.01	<0.01	---	<0.02	---	---	<0.02	---	---	<0.02	---
1,1-dichloroethane	mg/kg	<0.005	<0.005	---	<0.01	---	---	<0.01	---	---	<0.01	---
1,1-dichloroethene	mg/kg	<0.005	<0.005	---	<0.01	---	---	<0.01	---	---	<0.01	---
1,1-dichloropropene	mg/kg	<0.005	<0.005	---	<0.01	---	---	<0.01	---	---	<0.01	---
1,2,3-trichloropropane	mg/kg	<0.02	<0.02	---	<0.04	---	---	<0.04	---	---	<0.04	---
1,2,4-trimethylbenzene	mg/kg	<0.03	<0.03	---	<0.06	---	---	<0.06	---	---	<0.06	---
1,2-dibromo-3-chloropropane	mg/kg	<0.02	<0.02	---	<0.04	---	---	<0.04	---	---	<0.04	---
1,2-dibromoethane	mg/kg	<0.01	<0.01	---	<0.02	---	---	<0.02	---	---	<0.02	---
1,2-dichloroethane	mg/kg	<0.01	<0.01	---	<0.02	---	---	<0.02	---	---	<0.02	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	<0.005	<0.005	---	<0.01	---	---	<0.01	---	---	<0.01	---
1,3,5-trimethylbenzene	mg/kg	<0.02	<0.02	---	<0.04	---	---	<0.04	---	---	<0.04	---
1,3-dichloropropane	mg/kg	<0.01	<0.01	---	<0.02	---	---	<0.02	---	---	<0.02	---
2,2-dichloropropane	mg/kg	<0.01	<0.01	---	<0.02	---	---	<0.02	---	---	<0.02	---
2-chlorotoluene	mg/kg	<0.03	<0.03	---	<0.06	---	---	<0.06	---	---	<0.06	---
4-chlorotoluene	mg/kg	<0.03	<0.03	---	<0.06	---	---	<0.06	---	---	<0.06	---
Bromobenzene	mg/kg	<0.02	<0.02	---	<0.04	---	---	<0.04	---	---	<0.04	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		FOU_AUK_TP118	FOU_AUK_TP124	FOU_AUK_TP124	FOU_AUK_TP124	FOU_AUK_TP127B	FOU_AUK_TP127B	FOU_AUK_TP129	FOU_AUK_TP129	S1-TPE37	S1-TPE47	S1-TPF07
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704765	701923	701923	701923	705249	705249	704620	704620			
Date		30 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	25 Aug 2023	25 Aug 2023	18 Aug 2023	18 Aug 2023			
Depth		1	1.5	4.5	4.5	1	1	2.5	2.5	3	2	0.6
	Unit											
TPH CWG												
>C5-C6 Aliphatics	mg/kg	---	---	<0.01	---	<0.01	---	<0.01	---	---	---	---
>C6-C8 Aliphatics	mg/kg	---	---	<0.01	---	<0.01	---	<0.01	---	---	---	---
>C8-C10 Aliphatics	mg/kg	---	---	<0.01	---	<0.01	---	<0.01	---	---	---	---
>C5-C10 Aliphatics	mg/kg	---	---	<0.05	---	<0.05	---	<0.05	---	---	---	---
>C10-C12 Aliphatics	mg/kg	---	---	<1	---	<1	---	<1	---	---	---	---
>C16-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	---	<1	---	<1	---	<1	---	---	---	---
>C16-C21 Aliphatics	mg/kg	---	---	5.64	---	<1	---	<1	---	---	---	---
>C21-C35 Aliphatics	mg/kg	---	---	27.9	---	<1	---	<1	---	---	---	---
>C35-C44 Aliphatics	mg/kg	---	---	7.49	---	<1	---	<1	---	---	---	---
>C35-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>C10-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>C40-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>C10-C40 Aliphatics	mg/kg	---	---	41.2	---	<5	---	<5	---	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C40	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	---	<0.01	---	<0.01	---	<0.01	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	<0.05	---	<0.05	---	<0.05	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	---	---	<0.01	---	<0.01	---	<0.01	---	---	---	---
>EC8-EC10 Aromatics	mg/kg	---	---	<0.01	---	<0.01	---	<0.01	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	---	<1	---	<1	---	<1	---	---	---	---
>EC12-EC16 Aromatics	mg/kg	---	---	<1	---	<1	---	<1	---	---	---	---
>EC16-EC21 Aromatics	mg/kg	---	---	<1	---	<1	---	<1	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	---	3.61	---	<1	---	<1	---	---	---	---
>EC35-EC44 Aromatics	mg/kg	---	---	<1	---	<1	---	<1	---	---	---	---
>EC10-EC44 Aromatics	mg/kg	---	---	5.22	---	<5	---	<5	---	---	---	---
>EC35-EC40 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>EC40-EC44 Aromatics	mg/kg	---	---	<1	---	<1	---	<1	---	---	---	---
Total Aromatics >EC5-EC40	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	---	---	---	---	---	---	---	---	---	---	---
>C10-C44 Aliphatics & Aromatics	mg/kg	---	---	46.4	---	<10	---	<10	---	---	---	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	46.4	---	<10	---	<10	---	---	---	---
TPH												
GRO >C5-10	mg/kg	---	---	---	---	---	---	---	---	---	---	---
TPH (C5-C10)	mg/kg	---	---	<0.02	---	<0.02	---	<0.02	---	---	---	---
EPH >C10-40	mg/kg	---	---	---	---	---	---	---	---	---	---	---
GRO	mg/kg	---	---	---	---	---	---	---	---	---	---	---
GRO C5-C10	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Petroleum Hydrocarbons	mg/kg	---	---	---	---	---	---	---	---	<10	<10	---
TPH by GCFID (AR)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
BTEX and MTBE												
Benzene	mg/kg	---	---	<0.001	---	<0.001	---	<0.001	---	---	---	---
Toluene	mg/kg	---	---	0.00118	---	<0.001	---	<0.001	---	---	---	---
Ethylbenzene	mg/kg	---	---	<0.001	---	<0.001	---	<0.001	---	---	---	---
Xylene (m & p)	mg/kg	---	---	<0.002	---	<0.002	---	<0.002	---	---	---	---
Xylene (o)	mg/kg	---	---	<0.002	---	<0.002	---	<0.002	---	---	---	---
Xylene Total	mg/kg	---	---	<0.02	---	<0.02	---	<0.02	---	---	---	---
MTBE	mg/kg	---	---	<0.0005	---	<0.0005	---	<0.0005	---	---	---	---
Total BTEX	mg/kg	---	---	<0.007	---	<0.007	---	<0.007	---	---	---	---
VOC												
Sum Tetrachloroethene and												
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	---	---	<0.002	---	<0.002	---	<0.002	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	<0.0005	---	<0.0005	---	<0.0005	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	<0.001	---	<0.001	---	<0.001	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	<0.001	---	<0.001	---	<0.001	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	<0.0005	---	<0.0005	---	<0.0005	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	<0.002	---	<0.002	---	<0.002	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	<0.001	---	<0.001	---	<0.001	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	<0.0005	---	<0.0005	---	<0.0005	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	<0.0005	---	<0.0005	---	<0.0005	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	<0.0005	---	<0.0005	---	<0.0005	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	<0.002	---	<0.002	---	<0.002	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	<0.003	---	<0.003	---	<0.003	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	<0.002	---	<0.002	---	<0.002	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	<0.001	---	<0.001	---	<0.001	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	<0.001	---	<0.001	---	<0.001	---	---	---	---
1,3-Dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	<0.0005	---	<0.0005	---	<0.0005	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	<0.002	---	<0.002	---	<0.002	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	<0.001	---	<0.001	---	<0.001	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	<0.001	---	<0.001	---	<0.001	---	---	---	---
2-chlorotoluene	mg/kg	---	---	<0.003	---	<0.003	---	<0.003	---	---	---	---
4-chlorotoluene	mg/kg	---	---	<0.003	---	<0.003	---	<0.003	---	---	---	---
Bromobenzene	mg/kg	---	---	<0.002	---	<0.002	---	<0.002	---	---	---	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG
Location Code		S1-TPF13	S1-TPF13	S1-TPF14
Matrix Type		Soil	Soil	Soil
Lab Report Number				
Date				
Depth		1	2.4	1
	Unit			
TPH CWG				
>C5-C6 Aliphatics	mg/kg	---	---	---
>C6-C8 Aliphatics	mg/kg	---	---	---
>C8-C10 Aliphatics	mg/kg	---	---	---
>C5-C10 Aliphatics	mg/kg	---	---	---
>C10-C12 Aliphatics	mg/kg	---	---	---
>C16-C35 Aliphatics	mg/kg	---	---	---
>C12-C16 Aliphatics	mg/kg	---	---	---
>C16-C21 Aliphatics	mg/kg	---	---	---
>C21-C35 Aliphatics	mg/kg	---	---	---
>C35-C44 Aliphatics	mg/kg	---	---	---
>C35-C40 Aliphatics	mg/kg	---	---	---
>C10-C44 Aliphatics	mg/kg	---	---	---
>C40-C44 Aliphatics	mg/kg	---	---	---
>C10-C40 Aliphatics	mg/kg	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---
Total Aliphatics >C5-C40	mg/kg	---	---	---
Total Aliphatics >C5-C44	mg/kg	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---
>EC7-EC8 Aromatics	mg/kg	---	---	---
>EC8-EC10 Aromatics	mg/kg	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	---	---
>EC12-EC16 Aromatics	mg/kg	---	---	---
>EC16-EC21 Aromatics	mg/kg	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	---	---
>EC35-EC44 Aromatics	mg/kg	---	---	---
>EC10-EC44 Aromatics	mg/kg	---	---	---
>EC35-EC40 Aromatics	mg/kg	---	---	---
>EC40-EC44 Aromatics	mg/kg	---	---	---
Total Aromatics >EC5-EC40	mg/kg	---	---	---
Total Aromatics >EC5-EC44	mg/kg	---	---	---
>C10-C44 Aliphatics & Aromatics	mg/kg	---	---	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	---
TPH				
GRO >C5-10	mg/kg	---	---	---
TPH (C5-C10)	mg/kg	---	---	---
EPH >C10-40	mg/kg	---	---	---
GRO	mg/kg	---	---	---
GRO C5-C10	mg/kg	---	---	---
Total Petroleum Hydrocarbons	mg/kg	<10	<10	<10
TPH by GCFID (AR)	mg/kg	---	---	---
BTEx and MTBE				
Benzene	mg/kg	---	---	---
Toluene	mg/kg	---	---	---
Ethylbenzene	mg/kg	---	---	---
Xylene (m & p)	mg/kg	---	---	---
Xylene (o)	mg/kg	---	---	---
Xylene Total	mg/kg	---	---	---
MTBE	mg/kg	---	---	---
Total BTEx	mg/kg	---	---	---
VOC				
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---
Styrene	mg/kg	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---
1,1-dichloroethane	mg/kg	---	---	---
1,1-dichloroethene	mg/kg	---	---	---
1,1-dichloropropene	mg/kg	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---
1,2-dibromoethane	mg/kg	---	---	---
1,2-dichloroethane	mg/kg	---	---	---
1,3-Dichloropropene	mg/kg	---	---	---
1,2-dichloropropane	mg/kg	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---
1,3-dichloropropane	mg/kg	---	---	---
2,2-dichloropropane	mg/kg	---	---	---
2-chlorotoluene	mg/kg	---	---	---
4-chlorotoluene	mg/kg	---	---	---
Bromobenzene	mg/kg	---	---	---

Matrix Description		MG	MG	MG	MG	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C
Location Code		FOU_AUK_TP105	FOU_AUK_TP105	FOU_AUK_TP105	FOU_AUK_TP108	A-BH10	FOU_AUK_TP125	FOU_AUK_TP125	FOU_AUK_TP130	FOU_AUK_TP130	FOU_AUK_TP130	S1-TPE46
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704194	704194	704194	705249	23-07065	704620	704620	701923	701923	701923	
Date		24 Aug 2023	24 Aug 2023	24 Aug 2023	25 Aug 2023	14 Mar 2023	17 Aug 2023	17 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	
Depth		0.2	0.2	0.2	0.4	4.9	1	1	4.5	4.5	4.5	3.4
	Unit											
Bromochloromethane	mg/kg	<0.4	---	---	<0.04	---	<0.04	---	<0.002	---	---	---
Bromodichloromethane	mg/kg	<0.4	---	---	<0.04	---	<0.04	---	<0.002	---	---	---
Bromoform	mg/kg	<0.78	---	---	<0.08	---	<0.11	---	<0.002	---	---	---
Bromomethane	mg/kg	<0.2	---	---	<0.02	---	<0.02	---	<0.001	---	---	---
Carbon disulfide	mg/kg	<0.2	---	---	<0.02	---	<0.02	---	<0.001	---	---	---
Carbon tetrachloride	mg/kg	<0.1	---	---	<0.01	---	<0.01	---	<0.0005	---	---	---
Chlorodibromomethane	mg/kg	<0.4	---	---	<0.04	---	<0.04	---	<0.002	---	---	---
Chloroethane	mg/kg	<0.2	---	---	<0.02	---	<0.02	---	<0.001	---	---	---
Chloroform	mg/kg	<0.6	---	---	<0.06	---	<0.06	---	<0.003	---	---	---
Chloromethane	mg/kg	<0.4	---	---	<0.04	---	<0.04	---	<0.002	---	---	---
cis-1,2-dichloroethene	mg/kg	<0.1	---	---	<0.01	---	<0.01	---	<0.0005	---	---	---
Dibromomethane	mg/kg	<0.2	---	---	<0.02	---	<0.02	---	<0.001	---	---	---
Dichlorodifluoromethane	mg/kg	<0.1	---	---	<0.01	---	<0.01	---	<0.0005	---	---	---
Dichloromethane	mg/kg	<1	---	---	<0.1	---	<0.1	---	<0.005	---	---	---
Isopropylbenzene	mg/kg	<0.4	---	---	<0.04	---	<0.04	---	<0.002	---	---	---
n-butylbenzene	mg/kg	<0.6	---	---	<0.06	---	<0.06	---	<0.003	---	---	---
n-propylbenzene	mg/kg	<0.4	---	---	<0.04	---	<0.04	---	<0.002	---	---	---
p-isopropyltoluene	mg/kg	<0.4	---	---	<0.04	---	<0.04	---	<0.002	---	---	---
sec-butylbenzene	mg/kg	<0.2	---	---	<0.02	---	<0.02	---	<0.001	---	---	---
Trichloroethene	mg/kg	<0.2	---	---	0.438	---	<0.02	---	<0.001	---	---	---
tert-butylbenzene	mg/kg	<0.4	---	---	<0.04	---	<0.04	---	<0.002	---	---	---
Tetrachloroethene	mg/kg	<0.4	---	---	<0.04	---	<0.04	---	<0.002	---	---	---
trans-1,2-dichloroethene	mg/kg	<0.2	---	---	<0.02	---	<0.02	---	<0.001	---	---	---
Trichlorofluoromethane	mg/kg	<0.1	---	---	<0.01	---	<0.01	---	<0.0005	---	---	---
Vinyl chloride	mg/kg	<0.1	---	---	<0.01	---	<0.01	---	<0.0005	---	---	---
tert-Amyl methyl ether	mg/kg	<0.2	---	---	<0.02	---	<0.02	---	<0.001	---	---	---
VOC/SVOC												
1,2,3-trichlorobenzene	mg/kg	<2	---	---	<0.2	---	<0.2	---	<0.01	---	---	---
1,2,4-trichlorobenzene	mg/kg	<0.1	---	---	<0.14	---	<0.1	---	<0.007	---	---	---
1,2-dichlorobenzene	mg/kg	<0.1	---	---	<0.1	---	<0.1	---	<0.005	---	---	---
1,3-dichlorobenzene	mg/kg	<0.1	---	---	<0.1	---	<0.1	---	<0.005	---	---	---
1,4-dichlorobenzene	mg/kg	<0.1	---	---	<0.1	---	<0.1	---	<0.005	---	---	---
Chlorobenzene	mg/kg	<0.4	---	---	<0.04	---	<0.04	---	<0.002	---	---	---
Hexachlorobutadiene	mg/kg	<0.1	---	---	<0.08	---	<0.08	---	<0.004	---	---	---
SVOC												
1,4-dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
Benzyl alcohol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
4-nitrophenol	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
1,2-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
2,4,6-trichlorophenol	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
2,4-dichlorophenol	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
2,4-dimethylphenol	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
2,4-dinitrotoluene	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
2,6-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,6-Dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
2-chloronaphthalene	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
2-chlorophenol	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
2-methylnaphthalene	mg/kg	0.851	---	---	<5	---	<0.1	---	<0.1	---	---	---
2-methylphenol	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
2-nitroaniline	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
2-nitrophenol	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
3-nitroaniline	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
4-chloroaniline	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
4-chlorophenyl phenyl ether	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
4-methylphenol	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
Aniline	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
Bis(2-chloroethyl)ether	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	0.211	---	---	<5	---	<0.1	---	<0.1	---	---	---
Butyl benzyl phthalate	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
Carbazole	mg/kg	0.591	---	---	<5	---	<0.1	---	<0.1	---	---	---
Dibenzofuran	mg/kg	0.9	---	---	<5	---	<0.1	---	<0.1	---	---	---
Diethylphthalate	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
Dimethyl phthalate	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
Di-n-butyl phthalate	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
Di-n-octyl phthalate	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
Diphenylamine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---

Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		15DT15	15DT24	A-BH31	A-BH31	A-BH41	A-BH41	FOU_AUK_TP102	FOU_AUK_TP102	FOU_AUK_TP102	FOU_AUK_TP103	FOU_AUK_TP103
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-10776	23-10776	23-18438	23-18438	704620	704620	704620	704194	704194
Date		10 Jun 2004	10 Jun 2004	20 Mar 2023	20 Mar 2023	27 Jul 2023	27 Jul 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	24 Aug 2023	24 Aug 2023
Depth		0.2 - 0.2	0.3 - 0.3	0.1	0.5	3.55	3.55	2.5	2.5	2.5	1	1
	Unit											
Bromochloromethane	mg/kg	---	---	---	---	<0.01	---	<0.002	---	---	<0.02	---
Bromodichloromethane	mg/kg	---	---	---	---	<0.01	---	<0.002	---	---	<0.02	---
Bromoform	mg/kg	---	---	---	---	<0.01	---	<0.006	---	---	<0.06	---
Bromomethane	mg/kg	---	---	---	---	---	---	<0.001	---	---	<0.01	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	<0.001	---	---	<0.01	---
Carbon tetrachloride	mg/kg	---	---	---	---	<0.01	---	<0.0005	---	---	<0.005	---
Chlorodibromomethane	mg/kg	---	---	---	---	<0.01	---	<0.002	---	---	<0.02	---
Chloroethane	mg/kg	---	---	---	---	---	---	<0.001	---	---	<0.01	---
Chloroform	mg/kg	---	---	---	---	<0.01	---	<0.003	---	---	<0.03	---
Chloromethane	mg/kg	---	---	---	---	---	---	<0.002	---	---	<0.02	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	<0.01	---	<0.0005	---	---	<0.005	---
Dibromomethane	mg/kg	---	---	---	---	<0.01	---	<0.001	---	---	<0.01	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	<0.0005	---	---	<0.005	---
Dichloromethane	mg/kg	---	---	---	---	---	---	<0.005	---	---	<0.05	---
Isopropylbenzene	mg/kg	---	---	---	---	<0.01	---	<0.002	---	---	<0.02	---
n-butylbenzene	mg/kg	---	---	---	---	<0.01	---	<0.003	---	---	<0.03	---
n-propylbenzene	mg/kg	---	---	---	---	<0.01	---	<0.002	---	---	<0.02	---
p-isopropyltoluene	mg/kg	---	---	---	---	<0.01	---	<0.002	---	---	<0.02	---
sec-butylbenzene	mg/kg	---	---	---	---	<0.01	---	<0.001	---	---	<0.01	---
Trichloroethene	mg/kg	---	---	---	---	<0.01	---	<0.001	---	---	<0.01	---
tert-butylbenzene	mg/kg	---	---	---	---	<0.01	---	<0.002	---	---	<0.02	---
Tetrachloroethene	mg/kg	---	---	---	---	<0.01	---	<0.002	---	---	<0.02	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	<0.01	---	<0.001	---	---	<0.01	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	<0.0005	---	---	<0.005	---
Vinyl chloride	mg/kg	---	---	---	---	<0.01	---	<0.0005	---	---	<0.005	---
tert-Amyl methyl ether	mg/kg	---	---	---	---	<0.005	---	<0.001	---	---	<0.01	---
VOC/SVOC												
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	<0.01	---	<0.01	---	---	<0.1	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	<0.01	---	<0.007	---	---	<0.07	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	<0.01	---	<0.005	---	---	<0.05	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	<0.01	---	<0.005	---	---	<0.05	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	<0.01	---	<0.005	---	---	<0.05	---
Chlorobenzene	mg/kg	---	---	---	---	<0.01	---	<0.002	---	---	<0.02	---
Hexachlorobutadiene	mg/kg	---	---	---	---	<0.01	---	<0.004	---	---	<0.04	---
SVOC												
1,4-dinitrobenzene	mg/kg	---	---	---	---	<0.1	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	<0.1	---	<0.1	---	---	<0.1	---
Benzyl alcohol	mg/kg	---	---	---	---	<0.1	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	<0.1	---	<0.1	---	---	<0.1	---
4-nitrophenol	mg/kg	---	---	---	---	<0.1	---	<0.1	---	---	<0.1	---
1,2-Dinitrobenzene	mg/kg	---	---	---	---	<0.1	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	---	---	---	---	<0.1	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	<0.1	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	<0.1	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	<0.1	---	<0.1	---	---	<0.1	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	<0.01	---	<0.1	---	---	<0.1	---
2,4-dichlorophenol	mg/kg	---	---	---	---	<0.01	---	<0.1	---	---	<0.1	---
2,4-dimethylphenol	mg/kg	---	---	---	---	<0.01	---	<0.1	---	---	<0.1	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	<0.1	---	<0.1	---	---	<0.1	---
2,6-dichlorophenol	mg/kg	---	---	---	---	<0.01	---	---	---	---	---	---
2,6-Dimethylphenol	mg/kg	---	---	---	---	<0.01	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	<0.1	---	<0.1	---	---	<0.1	---
2-chloronaphthalene	mg/kg	---	---	---	---	<0.1	---	<0.1	---	---	<0.1	---
2-chlorophenol	mg/kg	---	---	---	---	<0.1	---	<0.1	---	---	<0.1	---
2-methylnaphthalene	mg/kg	---	---	---	---	0.3	---	0.175	---	---	0.942	---
2-methylphenol	mg/kg	---	---	---	---	<0.1	---	<0.1	---	---	<0.1	---
2-nitroaniline	mg/kg	---	---	---	---	<0.1	---	<0.1	---	---	<0.1	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	<0.1	---	---	<0.1	---
3-nitroaniline	mg/kg	---	---	---	---	<0.1	---	<0.1	---	---	<0.1	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	<0.1	---	<0.01	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	<0.01	---	<0.1	---	---	<0.1	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	<0.1	---	---	<0.1	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	<0.1	---	<0.1	---	---	<0.1	---
4-methylphenol	mg/kg	---	---	---	---	<0.01	---	<0.1	---	---	<0.1	---
Aniline	mg/kg	---	---	---	---	<0.1	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	<0.1	---	<0.1	---	---	<0.1	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	<0.1	---	<0.1	---	---	<0.1	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	<0.1	---	---	<0.1	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	<0.1	---	<0.1	---	---	<0.1	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	<0.1	---	<0.1	---	---	<0.1	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	<0.1	---	<0.1	---	---	<0.1	---
Carbazole	mg/kg	---	---	---	---	<0.1	---	<0.1	---	---	0.953	---
Dibenzofuran	mg/kg	---	---	---	---	0.3	---	0.149	---	---	1.95	---
Diethylphthalate	mg/kg	---	---	---	---	<0.1	---	<0.1	---	---	<0.1	---
Dimethyl phthalate	mg/kg	---	---	---	---	<0.1	---	<0.1	---	---	<0.1	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	<0.1	---	<0.1	---	---	<0.1	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	<0.1	---	<0.1	---	---	<0.1	---
Diphenylamine	mg/kg	---	---	---	---	<0.1	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	<0.1	---	<0.1	---	---	<0.1	---

Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		FOU_AUK_TP103	FOU_AUK_TP105	FOU_AUK_TP126	FOU_AUK_TP126	FOU_AUK_TP126	FOU_AUK_TP127	FOU_AUK_TP127	FOU_AUK_TP127	FOU_AUK_TP127	FOU_AUK_TP127	FOU_AUK_TP127
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704194	704194	704620	704620	704620	704194	704194	704194	704194	704194	704194
Date		24 Aug 2023	24 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023
Depth		1	0.5	3	3	3	1	1	1	2	2	2
	Unit											
Bromochloromethane	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---	---
Bromodichloromethane	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---	---
Bromoform	mg/kg	---	---	<0.11	---	---	<0.12	---	---	<0.095	---	---
Bromomethane	mg/kg	---	---	<0.02	---	---	<0.02	---	---	<0.02	---	---
Carbon disulfide	mg/kg	---	---	<0.02	---	---	<0.02	---	---	<0.02	---	---
Carbon tetrachloride	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
Chlorodibromomethane	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---	---
Chloroethane	mg/kg	---	---	<0.02	---	---	<0.02	---	---	<0.02	---	---
Chloroform	mg/kg	---	---	<0.06	---	---	<0.06	---	---	<0.06	---	---
Chloromethane	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---	---
cis-1,2-dichloroethene	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
Dibromomethane	mg/kg	---	---	<0.02	---	---	<0.02	---	---	<0.02	---	---
Dichlorodifluoromethane	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
Dichloromethane	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---	---
Isopropylbenzene	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---	---
n-butylbenzene	mg/kg	---	---	<0.06	---	---	<0.06	---	---	<0.06	---	---
n-propylbenzene	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---	---
p-isopropyltoluene	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---	---
sec-butylbenzene	mg/kg	---	---	<0.02	---	---	<0.02	---	---	<0.02	---	---
Trichloroethene	mg/kg	---	---	<0.02	---	---	<0.02	---	---	<0.02	---	---
tert-butylbenzene	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---	---
Tetrachloroethene	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---	---
trans-1,2-dichloroethene	mg/kg	---	---	<0.02	---	---	<0.02	---	---	<0.02	---	---
Trichlorofluoromethane	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
Vinyl chloride	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
tert-Amyl methyl ether	mg/kg	---	---	<0.02	---	---	<0.02	---	---	<0.02	---	---
VOC/SVOC												
1,2,3-trichlorobenzene	mg/kg	---	---	<0.2	---	---	<0.2	---	---	<0.2	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	<0.1	---	---	<0.14	---	---	<0.1	---	---
1,2-dichlorobenzene	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---	---
1,3-dichlorobenzene	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---	---
1,4-dichlorobenzene	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---	---
Chlorobenzene	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---	---
Hexachlorobutadiene	mg/kg	---	---	<0.08	---	---	<0.08	---	---	<0.08	---	---
SVOC												
1,4-dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
Benzyl alcohol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
4-nitrophenol	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
1,2-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
2,4,6-trichlorophenol	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
2,4-dichlorophenol	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
2,4-dimethylphenol	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
2,4-dinitrotoluene	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
2,6-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,6-Dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
2-chloronaphthalene	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
2-chlorophenol	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
2-methylnaphthalene	mg/kg	---	---	<0.1	---	---	1.03	---	---	0.853	---	---
2-methylphenol	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
2-nitroaniline	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
2-nitrophenol	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
3-nitroaniline	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
4-chloroaniline	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
4-methylphenol	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
Aniline	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
Butyl benzyl phthalate	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
Carbazole	mg/kg	---	---	<0.1	---	---	0.501	---	---	1.79	---	---
Dibenzofuran	mg/kg	---	---	<0.1	---	---	1.07	---	---	1.29	---	---
Diethylphthalate	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
Dimethyl phthalate	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
Di-n-butyl phthalate	mg/kg	---	---	<0.1	---	---	<0.2	---	---	0.125	---	---
Di-n-octyl phthalate	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
Diphenylamine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---

Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		FOU_AUK_TP128	FOU_AUK_TP128	FOU_AUK_TP128	FOU_AUK_TP130	FOU_AUK_TP131	FOU_AUK_TP131	FOU_AUK_TP131	FOU_AUK_TP131	FOU_AUK_TP131	S1-BH10
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704620	704620	704620	701923	702516	702516	702516	702516	702516	20211022 ARC SS11-SS12
Date		18 Aug 2023	18 Aug 2023	18 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	17 Oct 2017
Depth		2	2	2	3	1.5	1.5	1.5	4	1.5 - 1.5	4.5 - 4.5
	Unit										
Bromochloromethane	mg/kg	<0.002	---	---	---	<0.04	---	---	---	---	---
Bromodichloromethane	mg/kg	<0.002	---	---	---	<0.04	---	---	---	---	---
Bromoform	mg/kg	<0.002	---	---	---	<0.11	---	---	---	---	---
Bromomethane	mg/kg	<0.001	---	---	---	<0.02	---	---	---	---	---
Carbon disulfide	mg/kg	<0.001	---	---	---	<0.02	---	---	---	---	---
Carbon tetrachloride	mg/kg	<0.0005	---	---	---	<0.01	---	---	---	---	---
Chlorodibromomethane	mg/kg	<0.002	---	---	---	<0.04	---	---	---	---	---
Chloroethane	mg/kg	<0.001	---	---	---	<0.02	---	---	---	---	---
Chloroform	mg/kg	<0.003	---	---	---	<0.06	---	---	---	---	---
Chloromethane	mg/kg	<0.002	---	---	---	<0.04	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	<0.0005	---	---	---	<0.01	---	---	---	---	---
Dibromomethane	mg/kg	<0.001	---	---	---	<0.02	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	<0.0005	---	---	---	<0.01	---	---	---	---	---
Dichloromethane	mg/kg	0.00559	---	---	---	<0.1	---	---	---	---	---
Isopropylbenzene	mg/kg	<0.002	---	---	---	<0.04	---	---	---	---	---
n-butylbenzene	mg/kg	<0.003	---	---	---	<0.06	---	---	---	---	---
n-propylbenzene	mg/kg	<0.002	---	---	---	<0.04	---	---	---	---	---
p-isopropyltoluene	mg/kg	<0.002	---	---	---	<0.04	---	---	---	---	---
sec-butylbenzene	mg/kg	<0.001	---	---	---	<0.02	---	---	---	---	---
Trichloroethene	mg/kg	<0.001	---	---	---	<0.02	---	---	---	---	---
tert-butylbenzene	mg/kg	<0.002	---	---	---	<0.04	---	---	---	---	---
Tetrachloroethene	mg/kg	<0.002	---	---	---	0.514	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	<0.001	---	---	---	<0.02	---	---	---	---	---
Trichlorofluoromethane	mg/kg	<0.0005	---	---	---	0.0176	---	---	---	---	---
Vinyl chloride	mg/kg	<0.0005	---	---	---	<0.01	---	---	---	---	---
tert-Amyl methyl ether	mg/kg	<0.001	---	---	---	<0.02	---	---	---	---	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	<0.01	---	---	---	<0.2	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	<0.007	---	---	---	<0.1	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	<0.005	---	---	---	<0.1	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	<0.005	---	---	---	<0.1	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	<0.005	---	---	---	<0.1	---	---	---	---	---
Chlorobenzene	mg/kg	<0.002	---	---	---	<0.04	---	---	---	---	---
Hexachlorobutadiene	mg/kg	<0.004	---	---	---	<0.08	---	---	---	---	---
SVOC											
1,4-dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
Benzyl alcohol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
4-nitrophenol	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
1,2-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
2,4-dichlorophenol	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
2,4-dimethylphenol	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
2,6-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,6-Dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
2-chloronaphthalene	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
2-chlorophenol	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
2-methylnaphthalene	mg/kg	0.313	---	---	---	0.804	---	---	---	---	---
2-methylphenol	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
2-nitroaniline	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
2-nitrophenol	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
3-nitroaniline	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
4-chloroaniline	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
4-methylphenol	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
Aniline	mg/kg	---	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
Carbazole	mg/kg	0.33	---	---	---	0.46	---	---	---	---	---
Dibenzofuran	mg/kg	0.447	---	---	---	0.715	---	---	---	---	---
Diethylphthalate	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
Dimethyl phthalate	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
Diphenylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---

Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		S1-TPE37	S1-TPE46	S1-TPE56	S1-TPF01	15DT16	15DT25	15DT34	A-BH10	A-BH25	A-BH39	A-BH39
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number									23-07065	23-05120	23-07539	23-07539
Date						10 Jun 2004	10 Jun 2004	10 Jun 2004	14 Mar 2023	23 Feb 2023	23 Mar 2023	23 Mar 2023
Depth		4.5	1.5	2.6	0.7	0.8 - 0.8	0.6 - 0.6	0.2 - 0.2	0.5	0.2	0.15	0.9
	Unit											
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	---	---	---
tert-Amyl methyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---	---
VOC/SVOC												
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
SVOC												
1,4-dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Benzyl alcohol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,2-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,6-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,6-Dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Aniline	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diphenylamine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		A-BH39	A-BH41	A-BH41	FOU_AUK_TP101	FOU_AUK_TP101	FOU_AUK_TP103	FOU_AUK_TP103	FOU_AUK_TP103	FOU_AUK_TP103	FOU_AUK_TP104	FOU_AUK_TP104
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-07539	23-18438	23-18438	704620	704620	704194	704194	704194	704620	704620	704620
Date		23 Mar 2023	27 Jul 2023	27 Jul 2023	18 Aug 2023	18 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023
Depth		5.1	0.3	0.5	2	2	2.7	2.7	2.7	2	2	2
	Unit											
Bromochloromethane	mg/kg	<0.01	---	---	<0.04	---	<0.02	---	---	<0.002	---	---
Bromodichloromethane	mg/kg	<0.01	---	---	<0.04	---	<0.02	---	---	<0.002	---	---
Bromoform	mg/kg	<0.01	---	---	<0.093	---	<0.05	---	---	<0.007	---	---
Bromomethane	mg/kg	---	---	---	<0.02	---	<0.01	---	---	<0.001	---	---
Carbon disulfide	mg/kg	---	---	---	<0.02	---	<0.01	---	---	0.00198	---	---
Carbon tetrachloride	mg/kg	<0.01	---	---	<0.01	---	<0.005	---	---	<0.0005	---	---
Chlorodibromomethane	mg/kg	<0.01	---	---	<0.04	---	<0.02	---	---	<0.002	---	---
Chloroethane	mg/kg	---	---	---	<0.02	---	<0.01	---	---	<0.001	---	---
Chloroform	mg/kg	<0.01	---	---	<0.06	---	<0.03	---	---	<0.003	---	---
Chloromethane	mg/kg	---	---	---	<0.04	---	<0.02	---	---	<0.002	---	---
cis-1,2-dichloroethene	mg/kg	<0.01	---	---	<0.01	---	<0.005	---	---	<0.0005	---	---
Dibromomethane	mg/kg	<0.01	---	---	<0.02	---	<0.01	---	---	<0.001	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	<0.01	---	<0.005	---	---	<0.0005	---	---
Dichloromethane	mg/kg	---	---	---	<0.1	---	<0.05	---	---	<0.005	---	---
Isopropylbenzene	mg/kg	<0.01	---	---	<0.04	---	<0.02	---	---	<0.002	---	---
n-butylbenzene	mg/kg	<0.01	---	---	<0.06	---	<0.03	---	---	<0.003	---	---
n-propylbenzene	mg/kg	<0.01	---	---	<0.04	---	<0.02	---	---	<0.002	---	---
p-isopropyltoluene	mg/kg	<0.01	---	---	<0.04	---	<0.02	---	---	<0.002	---	---
sec-butylbenzene	mg/kg	<0.01	---	---	<0.02	---	<0.01	---	---	<0.001	---	---
Trichloroethene	mg/kg	<0.01	---	---	<0.02	---	<0.01	---	---	<0.001	---	---
tert-butylbenzene	mg/kg	<0.01	---	---	<0.04	---	<0.02	---	---	<0.002	---	---
Tetrachloroethene	mg/kg	<0.01	---	---	<0.04	---	<0.02	---	---	<0.002	---	---
trans-1,2-dichloroethene	mg/kg	<0.01	---	---	<0.02	---	<0.01	---	---	<0.001	---	---
Trichlorofluoromethane	mg/kg	---	---	---	<0.01	---	<0.005	---	---	<0.0005	---	---
Vinyl chloride	mg/kg	<0.01	---	---	<0.01	---	<0.005	---	---	<0.0005	---	---
tert-Amyl methyl ether	mg/kg	---	---	---	<0.02	---	<0.01	---	---	<0.001	---	---
VOC/SVOC												
1,2,3-trichlorobenzene	mg/kg	<0.01	---	---	<0.2	---	<0.1	---	---	<0.01	---	---
1,2,4-trichlorobenzene	mg/kg	<0.01	---	---	<0.1	---	<0.07	---	---	<0.007	---	---
1,2-dichlorobenzene	mg/kg	<0.01	---	---	<0.1	---	<0.05	---	---	<0.005	---	---
1,3-dichlorobenzene	mg/kg	<0.01	---	---	<0.1	---	<0.05	---	---	<0.005	---	---
1,4-dichlorobenzene	mg/kg	<0.01	---	---	<0.1	---	<0.05	---	---	<0.005	---	---
Chlorobenzene	mg/kg	<0.01	---	---	<0.04	---	<0.02	---	---	<0.002	---	---
Hexachlorobutadiene	mg/kg	<0.01	---	---	<0.08	---	<0.04	---	---	<0.004	---	---
SVOC												
1,4-dinitrobenzene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
Benzyl alcohol	mg/kg	<0.1	---	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
4-nitrophenol	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
1,2-Dinitrobenzene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	<0.1	---	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	<0.1	---	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
2,4,6-trichlorophenol	mg/kg	<0.01	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
2,4-dichlorophenol	mg/kg	<0.01	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
2,4-dimethylphenol	mg/kg	<0.01	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
2,4-dinitrotoluene	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
2,6-dichlorophenol	mg/kg	<0.01	---	---	---	---	---	---	---	---	---	---
2,6-Dimethylphenol	mg/kg	<0.01	---	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
2-chloronaphthalene	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
2-chlorophenol	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
2-methylnaphthalene	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
2-methylphenol	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
2-nitroaniline	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
2-nitrophenol	mg/kg	---	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
3-nitroaniline	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
4,6-Dinitro-2-methylphenol	mg/kg	<0.1	---	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	<0.01	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
4-chloroaniline	mg/kg	---	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
4-chlorophenyl phenyl ether	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
4-methylphenol	mg/kg	<0.01	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
Aniline	mg/kg	<0.1	---	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
Bis(2-chloroethoxy) methane	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
Bis(2-chloroisopropyl) ether	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
Butyl benzyl phthalate	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
Carbazole	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
Dibenzofuran	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
Diethylphthalate	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
Dimethyl phthalate	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
Di-n-butyl phthalate	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
Di-n-octyl phthalate	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
Diphenylamine	mg/kg	<0.1	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		FOU_AUK_TP105	FOU_AUK_TP107	FOU_AUK_TP107	FOU_AUK_TP112	FOU_AUK_TP112	FOU_AUK_TP112	FOU_AUK_TP117	FOU_AUK_TP117	FOU_AUK_TP117	FOU_AUK_TP118	FOU_AUK_TP118
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704194	705249	705249	705508	705508	705508	704949	704949	704949	704765	704765
Date		24 Aug 2023	25 Aug 2023	25 Aug 2023	29 Aug 2023	29 Aug 2023	29 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	30 Aug 2023	30 Aug 2023
Depth		2	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	1	1
	Unit											
Bromochloromethane	mg/kg	<0.02	<0.02	---	<0.04	---	---	<0.04	---	---	<0.04	---
Bromodichloromethane	mg/kg	<0.02	<0.02	---	<0.04	---	---	<0.04	---	---	<0.04	---
Bromoform	mg/kg	<0.05	<0.045	---	<0.12	---	---	<0.091	---	---	<0.09	---
Bromomethane	mg/kg	<0.01	<0.01	---	<0.02	---	---	<0.02	---	---	<0.02	---
Carbon disulfide	mg/kg	<0.01	<0.01	---	<0.02	---	---	<0.02	---	---	<0.02	---
Carbon tetrachloride	mg/kg	<0.005	<0.005	---	<0.01	---	---	<0.01	---	---	<0.01	---
Chlorodibromomethane	mg/kg	<0.02	<0.02	---	<0.04	---	---	<0.04	---	---	<0.04	---
Chloroethane	mg/kg	<0.01	<0.01	---	<0.02	---	---	<0.02	---	---	<0.02	---
Chloroform	mg/kg	<0.03	<0.03	---	<0.06	---	---	<0.06	---	---	<0.06	---
Chloromethane	mg/kg	<0.02	<0.02	---	<0.04	---	---	<0.04	---	---	<0.04	---
cis-1,2-dichloroethene	mg/kg	<0.005	<0.005	---	<0.01	---	---	<0.01	---	---	<0.01	---
Dibromomethane	mg/kg	<0.01	<0.01	---	<0.02	---	---	<0.02	---	---	<0.02	---
Dichlorodifluoromethane	mg/kg	<0.005	<0.005	---	<0.01	---	---	<0.01	---	---	<0.01	---
Dichloromethane	mg/kg	<0.05	<0.05	---	<0.1	---	---	<0.1	---	---	<0.1	---
Isopropylbenzene	mg/kg	<0.02	<0.02	---	<0.04	---	---	<0.04	---	---	<0.04	---
n-butylbenzene	mg/kg	<0.03	<0.03	---	<0.06	---	---	<0.06	---	---	<0.06	---
n-propylbenzene	mg/kg	<0.02	<0.02	---	<0.04	---	---	<0.04	---	---	<0.04	---
p-isopropyltoluene	mg/kg	<0.02	<0.02	---	<0.04	---	---	<0.04	---	---	<0.04	---
sec-butylbenzene	mg/kg	<0.01	<0.01	---	<0.02	---	---	<0.02	---	---	<0.02	---
Trichloroethene	mg/kg	<0.01	<0.01	---	<0.02	---	---	<0.02	---	---	<0.02	---
tert-butylbenzene	mg/kg	<0.02	<0.02	---	<0.04	---	---	<0.04	---	---	<0.04	---
Tetrachloroethene	mg/kg	<0.02	<0.02	---	<0.04	---	---	<0.04	---	---	<0.04	---
trans-1,2-dichloroethene	mg/kg	<0.01	<0.01	---	<0.02	---	---	<0.02	---	---	<0.02	---
Trichlorofluoromethane	mg/kg	<0.005	<0.005	---	<0.01	---	---	<0.01	---	---	<0.01	---
Vinyl chloride	mg/kg	<0.005	<0.005	---	<0.01	---	---	<0.01	---	---	<0.01	---
tert-Amyl methyl ether	mg/kg	<0.01	<0.01	---	<0.02	---	---	<0.02	---	---	<0.02	---
VOC/SVOC												
1,2,3-trichlorobenzene	mg/kg	<0.1	<0.1	---	<0.2	---	---	<0.2	---	---	<0.2	---
1,2,4-trichlorobenzene	mg/kg	<0.07	<0.07	---	<0.1	---	---	<0.1	---	---	<0.1	---
1,2-dichlorobenzene	mg/kg	<0.05	<0.05	---	<0.1	---	---	<0.1	---	---	<0.1	---
1,3-dichlorobenzene	mg/kg	<0.05	<0.05	---	<0.1	---	---	<0.1	---	---	<0.1	---
1,4-dichlorobenzene	mg/kg	<0.05	<0.05	---	<0.1	---	---	<0.1	---	---	<0.1	---
Chlorobenzene	mg/kg	<0.02	<0.02	---	<0.04	---	---	<0.04	---	---	<0.04	---
Hexachlorobutadiene	mg/kg	<0.04	<0.04	---	<0.08	---	---	<0.08	---	---	<0.08	---
SVOC												
1,4-dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Benzyl alcohol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
4-nitrophenol	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
1,2-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
2,4,6-trichlorophenol	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
2,4-dichlorophenol	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
2,4-dimethylphenol	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
2,4-dinitrotoluene	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
2,6-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,6-Dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
2-chloronaphthalene	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
2-chlorophenol	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
2-methylnaphthalene	mg/kg	<0.1	<0.1	---	0.49	---	---	<0.1	---	---	0.128	---
2-methylphenol	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
2-nitroaniline	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
2-nitrophenol	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
3-nitroaniline	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
4-chloro-3-methylphenol	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
4-chloroaniline	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
4-chlorophenyl phenyl ether	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
4-methylphenol	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Aniline	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Bis(2-chloroethoxy) methane	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Bis(2-chloroethyl)ether	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Bis(2-chloroisopropyl) ether	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Bis(2-ethylhexyl) phthalate	mg/kg	<0.1	<0.1	---	0.267	---	---	<0.1	---	---	<0.1	---
Butyl benzyl phthalate	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Carbazole	mg/kg	<0.1	<0.1	---	0.163	---	---	0.12	---	---	<0.1	---
Dibenzofuran	mg/kg	<0.1	<0.1	---	0.467	---	---	0.128	---	---	<0.1	---
Diethylphthalate	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Dimethyl phthalate	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Di-n-butyl phthalate	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Di-n-octyl phthalate	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Diphenylamine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		FOU_AUK_TP118	FOU_AUK_TP124	FOU_AUK_TP124	FOU_AUK_TP124	FOU_AUK_TP127B	FOU_AUK_TP127B	FOU_AUK_TP129	FOU_AUK_TP129	S1-TPE37	S1-TPE47	S1-TPF07
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704765	701923	701923	701923	705249	705249	704620	704620			
Date		30 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	25 Aug 2023	25 Aug 2023	18 Aug 2023	18 Aug 2023			
Depth		1	1.5	4.5	4.5	1	1	2.5	2.5	3	2	0.6
	Unit											
Bromochloromethane	mg/kg	---	---	<0.002	---	<0.002	---	<0.002	---	---	---	---
Bromodichloromethane	mg/kg	---	---	<0.002	---	<0.002	---	<0.002	---	---	---	---
Bromoform	mg/kg	---	---	<0.004	---	<0.002	---	<0.002	---	---	---	---
Bromomethane	mg/kg	---	---	<0.001	---	<0.001	---	<0.001	---	---	---	---
Carbon disulfide	mg/kg	---	---	<0.001	---	<0.001	---	<0.001	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	<0.0005	---	<0.0005	---	<0.0005	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	<0.002	---	<0.002	---	<0.002	---	---	---	---
Chloroethane	mg/kg	---	---	<0.001	---	<0.001	---	<0.001	---	---	---	---
Chloroform	mg/kg	---	---	<0.003	---	<0.003	---	<0.003	---	---	---	---
Chloromethane	mg/kg	---	---	<0.002	---	<0.002	---	<0.002	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	<0.0005	---	<0.0005	---	<0.0005	---	---	---	---
Dibromomethane	mg/kg	---	---	<0.001	---	<0.001	---	<0.001	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	<0.0005	---	<0.0005	---	<0.0005	---	---	---	---
Dichloromethane	mg/kg	---	---	<0.005	---	<0.005	---	<0.005	---	---	---	---
Isopropylbenzene	mg/kg	---	---	<0.002	---	<0.002	---	<0.002	---	---	---	---
n-butylbenzene	mg/kg	---	---	<0.003	---	<0.003	---	<0.003	---	---	---	---
n-propylbenzene	mg/kg	---	---	<0.002	---	<0.002	---	<0.002	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	<0.002	---	<0.002	---	<0.002	---	---	---	---
sec-butylbenzene	mg/kg	---	---	<0.001	---	<0.001	---	<0.001	---	---	---	---
Trichloroethene	mg/kg	---	---	<0.001	---	<0.001	---	<0.001	---	---	---	---
tert-butylbenzene	mg/kg	---	---	<0.002	---	<0.002	---	<0.002	---	---	---	---
Tetrachloroethene	mg/kg	---	---	<0.002	---	<0.002	---	<0.002	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	<0.001	---	<0.001	---	<0.001	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	<0.0005	---	<0.0005	---	<0.0005	---	---	---	---
Vinyl chloride	mg/kg	---	---	<0.0005	---	<0.0005	---	<0.0005	---	---	---	---
tert-Amyl methyl ether	mg/kg	---	---	<0.001	---	<0.001	---	<0.001	---	---	---	---
VOC/SVOC												
1,2,3-trichlorobenzene	mg/kg	---	---	<0.01	---	<0.01	---	<0.01	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	<0.007	---	<0.007	---	<0.007	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	<0.005	---	<0.005	---	<0.005	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	<0.005	---	<0.005	---	<0.005	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	<0.005	---	<0.005	---	<0.005	---	---	---	---
Chlorobenzene	mg/kg	---	---	<0.002	---	<0.002	---	<0.002	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	<0.004	---	<0.004	---	<0.004	---	---	---	---
SVOC												
1,4-dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
Benzyl alcohol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
4-nitrophenol	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
1,2-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,3-Dinitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
2,6-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,6-Dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
2-chlorophenol	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
2-methylphenol	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
2-nitroaniline	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
2-nitrophenol	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
3-nitroaniline	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
4-chloroaniline	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
4-methylphenol	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
Aniline	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
Carbazole	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
Dibenzofuran	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
Diethylphthalate	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
Diphenylamine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG
Location Code		S1-TPF13	S1-TPF13	S1-TPF14
Matrix Type		Soil	Soil	Soil
Lab Report Number				
Date				
Depth		1	2.4	1
	Unit			
Bromochloromethane	mg/kg	---	---	---
Bromodichloromethane	mg/kg	---	---	---
Bromoform	mg/kg	---	---	---
Bromomethane	mg/kg	---	---	---
Carbon disulfide	mg/kg	---	---	---
Carbon tetrachloride	mg/kg	---	---	---
Chlorodibromomethane	mg/kg	---	---	---
Chloroethane	mg/kg	---	---	---
Chloroform	mg/kg	---	---	---
Chloromethane	mg/kg	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---
Dibromomethane	mg/kg	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---
Dichloromethane	mg/kg	---	---	---
Isopropylbenzene	mg/kg	---	---	---
n-butylbenzene	mg/kg	---	---	---
n-propylbenzene	mg/kg	---	---	---
p-isopropyltoluene	mg/kg	---	---	---
sec-butylbenzene	mg/kg	---	---	---
Trichloroethene	mg/kg	---	---	---
tert-butylbenzene	mg/kg	---	---	---
Tetrachloroethene	mg/kg	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---
Vinyl chloride	mg/kg	---	---	---
tert-Amyl methyl ether	mg/kg	---	---	---
VOC/SVOC				
1,2,3-trichlorobenzene	mg/kg	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---
Chlorobenzene	mg/kg	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---
SVOC				
1,4-dinitrobenzene	mg/kg	---	---	---
4-bromophenyl phenyl ether	mg/kg	---	---	---
Benzyl alcohol	mg/kg	---	---	---
4-nitroaniline	mg/kg	---	---	---
4-nitrophenol	mg/kg	---	---	---
1,2-Dinitrobenzene	mg/kg	---	---	---
1,3-Dinitrobenzene	mg/kg	---	---	---
2,3,4,6-tetrachlorophenol	mg/kg	---	---	---
2,3,5,6-Tetrachlorophenol	mg/kg	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---
2,6-dichlorophenol	mg/kg	---	---	---
2,6-Dimethylphenol	mg/kg	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---
2-chloronaphthalene	mg/kg	---	---	---
2-chlorophenol	mg/kg	---	---	---
2-methylnaphthalene	mg/kg	---	---	---
2-methylphenol	mg/kg	---	---	---
2-nitroaniline	mg/kg	---	---	---
2-nitrophenol	mg/kg	---	---	---
3-nitroaniline	mg/kg	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---
4-chloroaniline	mg/kg	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---
4-methylphenol	mg/kg	---	---	---
Aniline	mg/kg	---	---	---
Azobenzene	mg/kg	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---
Carbazole	mg/kg	---	---	---
Dibenzofuran	mg/kg	---	---	---
Diethylphthalate	mg/kg	---	---	---
Dimethyl phthalate	mg/kg	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---
Diphenylamine	mg/kg	---	---	---
Hexachlorobenzene	mg/kg	---	---	---

Matrix Description		MG	MG	MG	MG	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C
Location Code		FOU_AUK_TP105	FOU_AUK_TP105	FOU_AUK_TP105	FOU_AUK_TP108	A-BH10	FOU_AUK_TP125	FOU_AUK_TP125	FOU_AUK_TP125	FOU_AUK_TP130	FOU_AUK_TP130	FOU_AUK_TP130
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704194	704194	704194	705249	23-07065	704620	704620	704620	701923	701923	701923
Date		24 Aug 2023	24 Aug 2023	24 Aug 2023	25 Aug 2023	14 Mar 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023
Depth		0.2	0.2	0.2	0.4	4.9	1	1	1	4.5	4.5	4.5
	Unit											
Hexachlorocyclopentadiene	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
Hexachloroethane	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
Isophorone	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
Nitrobenzene	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
N-nitrosodi-n-propylamine	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
Pentachlorophenol	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
PCB												
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phenolics												
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Phenols (monohydric)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	<0.1	---	---	<5	---	<0.1	---	<0.1	---	---	---
Phenols Monohydric	mg/kg	---	---	---	---	<0.3	---	---	---	---	---	---
Polybrominated Diphenyl Ethers												
BDE-100	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-153	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-154	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-183	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-28	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-47	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-99	ng/g	---	---	---	---	---	---	---	---	---	---	---
Sum of selected BDE	ng/g	---	---	---	---	---	---	---	---	---	---	---
Organotins												
Dibutyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Monophenyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diphenyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Monobutyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tetrabutyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tributyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Triphenyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Glycols												
1,2-Butanediol*	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,3-Butanediol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,3-Propanediol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,4-Butanediol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,5-Pentanediol*	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diethylene glycol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Ethylene glycol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Propylene glycol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Triethylene Glycol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pesticides												
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---	---

Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		15DT15	15DT24	A-BH31	A-BH31	A-BH41	A-BH41	FOU_AUK_TP102	FOU_AUK_TP102	FOU_AUK_TP102	FOU_AUK_TP103	FOU_AUK_TP103
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-10776	23-10776	23-18438	23-18438	704620	704620	704620	704194	704194
Date		10 Jun 2004	10 Jun 2004	20 Mar 2023	20 Mar 2023	27 Jul 2023	27 Jul 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	24 Aug 2023	24 Aug 2023
Depth		0.2 - 0.2	0.3 - 0.3	0.1	0.5	3.55	3.55	2.5	2.5	2.5	1	1
	Unit											
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	<0.1	---	<0.1	---	---	<0.1	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	<0.1	---	---	<0.1	---
Isophorone	mg/kg	---	---	---	---	---	---	<0.1	---	---	<0.1	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	<0.1	---	---	<0.1	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	<0.1	---	---	<0.1	---
Pentachlorophenol	mg/kg	---	---	---	---	<0.1	---	<0.1	---	---	<0.1	---
PCB												
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	<0.003	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	<0.003	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	<0.003	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	<0.003	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	<0.003	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	<0.003	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	<0.003	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	<0.021	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phenolics												
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	<0.1	---	---	---	---	---	---
Total Phenols (monohydric)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	0.6	<0.5	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	---	---	---	<0.01	---	<0.1	---	---	0.161	---
Phenols Monohydric	mg/kg	---	---	---	0.4	<0.3	---	---	---	---	---	---
Polybrominated Diphenyl Ethers												
BDE-100	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-153	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-154	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-183	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-28	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-47	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-99	ng/g	---	---	---	---	---	---	---	---	---	---	---
Sum of selected BDE	ng/g	---	---	---	---	---	---	---	---	---	---	---
Organotins												
Dibutyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Monophenyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diphenyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Monobutyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tetrabutyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tributyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Triphenyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Glycols												
1,2-Butanediol*	mg/kg	---	---	---	---	---	---	---	---	---	<10	---
1,3-Butanediol	mg/kg	---	---	---	---	---	---	---	---	---	<10	---
1,3-Propanediol	mg/kg	---	---	---	---	---	---	---	---	---	<10	---
1,4-Butanediol	mg/kg	---	---	---	---	---	---	---	---	---	<10	---
1,5-Pentanediol*	mg/kg	---	---	---	---	---	---	---	---	---	<10	---
Diethylene glycol	mg/kg	---	---	---	---	---	---	---	---	---	<10	---
Ethylene glycol	mg/kg	---	---	---	---	---	---	---	---	---	<10	---
Propylene glycol	mg/kg	---	---	---	---	---	---	---	---	---	<10	---
Triethylene Glycol	mg/kg	---	---	---	---	---	---	---	---	---	<10	---
Pesticides												
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---

Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		FOU_AUK_TP103	FOU_AUK_TP105	FOU_AUK_TP126	FOU_AUK_TP126	FOU_AUK_TP126	FOU_AUK_TP127	FOU_AUK_TP127	FOU_AUK_TP127	FOU_AUK_TP127	FOU_AUK_TP127	FOU_AUK_TP127
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704194	704194	704620	704620	704620	704194	704194	704194	704194	704194	704194
Date		24 Aug 2023	24 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023
Depth		1	0.5	3	3	3	1	1	1	2	2	2
	Unit											
Hexachlorocyclopentadiene	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
Hexachloroethane	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
Isophorone	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
Nitrobenzene	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
Pentachlorophenol	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
PCB												
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phenolics												
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Phenols (monohydric)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	---	<0.1	---	---	<0.2	---	---	0.149	---	---
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Polybrominated Diphenyl Ethers												
BDE-100	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-153	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-154	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-183	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-28	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-47	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-99	ng/g	---	---	---	---	---	---	---	---	---	---	---
Sum of selected BDE	ng/g	---	---	---	---	---	---	---	---	---	---	---
Organotins												
Dibutyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Monophenyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diphenyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Monobutyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tetrabutyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tributyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Triphenyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Glycols												
1,2-Butanediol*	mg/kg	---	<10	---	---	---	<10	---	---	---	---	---
1,3-Butanediol	mg/kg	---	<10	---	---	---	<10	---	---	---	---	---
1,3-Propanediol	mg/kg	---	<10	---	---	---	<10	---	---	---	---	---
1,4-Butanediol	mg/kg	---	<10	---	---	---	<10	---	---	---	---	---
1,5-Pentanediol*	mg/kg	---	<10	---	---	---	<10	---	---	---	---	---
Diethylene glycol	mg/kg	---	<10	---	---	---	<10	---	---	---	---	---
Ethylene glycol	mg/kg	---	<10	---	---	---	<10	---	---	---	---	---
Propylene glycol	mg/kg	---	<10	---	---	---	<10	---	---	---	---	---
Triethylene Glycol	mg/kg	---	<10	---	---	---	<10	---	---	---	---	---
Pesticides												
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---	---

Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		FOU_AUK_TP128	FOU_AUK_TP128	FOU_AUK_TP128	FOU_AUK_TP130	FOU_AUK_TP131	FOU_AUK_TP131	FOU_AUK_TP131	FOU_AUK_TP131	FOU_AUK_TP131	S1-BH10
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704620	704620	704620	701923	702516	702516	702516	702516	702516	20211022 ARC SS11-SS12
Date		18 Aug 2023	18 Aug 2023	18 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	17 Oct 2017
Depth		2	2	2	3	1.5	1.5	1.5	4	1.5 - 1.5	4.5 - 4.5
	Unit										
Hexachlorocyclopentadiene	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
Hexachloroethane	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
Isophorone	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
Nitrobenzene	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
Pentachlorophenol	mg/kg	<0.2	---	---	---	<0.1	---	---	---	---	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	<0.006	---	---	---	---	---	---	---	<0.01	---
PCB 138	mg/kg	<0.006	---	---	---	---	---	---	---	<0.01	---
PCB 153	mg/kg	<0.006	---	---	---	---	---	---	---	<0.01	---
PCB 180	mg/kg	<0.006	---	---	---	---	---	---	---	<0.01	---
PCB 118	mg/kg	<0.006	---	---	---	---	---	---	---	<0.01	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
PCB 52	mg/kg	<0.006	---	---	---	---	---	---	---	<0.01	---
PCB 28	mg/kg	<0.006	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	<0.042	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	<0.01	---
Phenolics											
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Phenols (monohydric)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	<0.2	---	---	---	0.114	---	---	---	---	---
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	<0.30	<0.30
Polybrominated Diphenyl Ethers											
BDE-100	ng/g	---	---	---	---	---	---	---	---	---	---
BDE-153	ng/g	---	---	---	---	---	---	---	---	---	---
BDE-154	ng/g	---	---	---	---	---	---	---	---	---	---
BDE-183	ng/g	---	---	---	---	---	---	---	---	---	---
BDE-28	ng/g	---	---	---	---	---	---	---	---	---	---
BDE-47	ng/g	---	---	---	---	---	---	---	---	---	---
BDE-99	ng/g	---	---	---	---	---	---	---	---	---	---
Sum of selected BDE	ng/g	---	---	---	---	---	---	---	---	---	---
Organotins											
Dibutyltin	mg/kg	---	---	---	---	---	---	---	---	---	---
Monophenyltin	mg/kg	---	---	---	---	---	---	---	---	---	---
Diphenyltin	mg/kg	---	---	---	---	---	---	---	---	---	---
Monobutyltin	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrabutyltin	mg/kg	---	---	---	---	---	---	---	---	---	---
Tributyltin	mg/kg	---	---	---	---	---	---	---	---	---	---
Triphenyltin	mg/kg	---	---	---	---	---	---	---	---	---	---
Glycols											
1,2-Butanediol*	mg/kg	---	---	---	---	<10	---	---	---	---	---
1,3-Butanediol	mg/kg	---	---	---	---	<10	---	---	---	---	---
1,3-Propanediol	mg/kg	---	---	---	---	<10	---	---	---	---	---
1,4-Butanediol	mg/kg	---	---	---	---	<10	---	---	---	---	---
1,5-Pentanediol*	mg/kg	---	---	---	---	<10	---	---	---	---	---
Diethylene glycol	mg/kg	---	---	---	---	<10	---	---	---	---	---
Ethylene glycol	mg/kg	---	---	---	---	<10	---	---	---	---	---
Propylene glycol	mg/kg	---	---	---	---	<10	---	---	---	---	---
Triethylene Glycol	mg/kg	---	---	---	---	<10	---	---	---	---	---
Pesticides											
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---

Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		S1-TPE37	S1-TPE46	S1-TPE56	S1-TPF01	15DT16	15DT25	15DT34	A-BH10	A-BH25	A-BH39	A-BH39
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number									23-07065	23-05120	23-07539	23-07539
Date						10 Jun 2004	10 Jun 2004	10 Jun 2004	14 Mar 2023	23 Feb 2023	23 Mar 2023	23 Mar 2023
Depth		4.5	1.5	2.6	0.7	0.8 - 0.8	0.6 - 0.6	0.2 - 0.2	0.5	0.2	0.15	0.9
	Unit											
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB												
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phenolics												
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Phenols (monohydric)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	<0.5	<0.5	<0.5	---	---	---	---
Phenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	<0.3	<0.3	---	0.8
Polybrominated Diphenyl Ethers												
BDE-100	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-153	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-154	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-183	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-28	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-47	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-99	ng/g	---	---	---	---	---	---	---	---	---	---	---
Sum of selected BDE	ng/g	---	---	---	---	---	---	---	---	---	---	---
Organotins												
Dibutyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Monophenyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diphenyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Monobutyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tetrabutyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tributyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Triphenyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Glycols												
1,2-Butanediol*	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,3-Butanediol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,3-Propanediol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,4-Butanediol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,5-Pentanediol*	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diethylene glycol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Ethylene glycol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Propylene glycol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Triethylene Glycol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pesticides												
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		A-BH39	A-BH41	A-BH41	FOU_AUK_TP101	FOU_AUK_TP101	FOU_AUK_TP103	FOU_AUK_TP103	FOU_AUK_TP103	FOU_AUK_TP103	FOU_AUK_TP104	FOU_AUK_TP104
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-07539	23-18438	23-18438	704620	704620	704194	704194	704194	704620	704620	704620
Date		23 Mar 2023	27 Jul 2023	27 Jul 2023	18 Aug 2023	18 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023
Depth		5.1	0.3	0.5	2	2	2.7	2.7	2.7	2	2	2
	Unit											
Hexachlorocyclopentadiene	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
Hexachloroethane	mg/kg	---	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
Isophorone	mg/kg	---	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
Nitrobenzene	mg/kg	---	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
Pentachlorophenol	mg/kg	<0.1	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
PCB												
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	<0.003	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	<0.003	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	<0.003	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	<0.003	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	<0.003	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	<0.003	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	<0.003	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	<0.021	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phenolics												
3/4-Methylphenol (m/p-cresol)	mg/kg	<0.1	---	---	---	---	---	---	---	---	---	---
Total Phenols (monohydric)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	<0.01	---	---	<0.1	---	<0.2	---	---	<0.1	---	---
Phenols Monohydric	mg/kg	3.4	---	<0.3	---	---	---	---	---	---	---	---
Polybrominated Diphenyl Ethers												
BDE-100	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-153	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-154	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-183	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-28	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-47	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-99	ng/g	---	---	---	---	---	---	---	---	---	---	---
Sum of selected BDE	ng/g	---	---	---	---	---	---	---	---	---	---	---
Organotins												
Dibutyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Monophenyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diphenyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Monobutyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tetrabutyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tributyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Triphenyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Glycols												
1,2-Butanediol*	mg/kg	---	---	---	---	---	---	---	---	<10	---	---
1,3-Butanediol	mg/kg	---	---	---	---	---	---	---	---	<10	---	---
1,3-Propanediol	mg/kg	---	---	---	---	---	---	---	---	<10	---	---
1,4-Butanediol	mg/kg	---	---	---	---	---	---	---	---	<10	---	---
1,5-Pentanediol*	mg/kg	---	---	---	---	---	---	---	---	<10	---	---
Diethylene glycol	mg/kg	---	---	---	---	---	---	---	---	<10	---	---
Ethylene glycol	mg/kg	---	---	---	---	---	---	---	---	<10	---	---
Propylene glycol	mg/kg	---	---	---	---	---	---	---	---	<10	---	---
Triethylene Glycol	mg/kg	---	---	---	---	---	---	---	---	<10	---	---
Pesticides												
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		FOU_AUK_TP105	FOU_AUK_TP107	FOU_AUK_TP107	FOU_AUK_TP112	FOU_AUK_TP112	FOU_AUK_TP112	FOU_AUK_TP117	FOU_AUK_TP117	FOU_AUK_TP117	FOU_AUK_TP118	FOU_AUK_TP118
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704194	705249	705249	705508	705508	705508	704949	704949	704949	704765	704765
Date		24 Aug 2023	25 Aug 2023	25 Aug 2023	29 Aug 2023	29 Aug 2023	29 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	30 Aug 2023	30 Aug 2023
Depth		2	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	1	1
	Unit											
Hexachlorocyclopentadiene	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Hexachloroethane	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Isophorone	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Nitrobenzene	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
N-nitrosodi-n-propylamine	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Pentachlorophenol	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
PCB												
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phenolics												
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Phenols (monohydric)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	<0.1	<0.1	---	<0.1	---	---	<0.1	---	---	<0.1	---
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Polybrominated Diphenyl Ethers												
BDE-100	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-153	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-154	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-183	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-28	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-47	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-99	ng/g	---	---	---	---	---	---	---	---	---	---	---
Sum of selected BDE	ng/g	---	---	---	---	---	---	---	---	---	---	---
Organotins												
Dibutyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Monophenyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diphenyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Monobutyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tetrabutyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tributyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Triphenyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Glycols												
1,2-Butanediol*	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,3-Butanediol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,3-Propanediol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,4-Butanediol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,5-Pentanediol*	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diethylene glycol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Ethylene glycol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Propylene glycol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Triethylene Glycol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pesticides												
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		FOU_AUK_TP118	FOU_AUK_TP124	FOU_AUK_TP124	FOU_AUK_TP124	FOU_AUK_TP127B	FOU_AUK_TP127B	FOU_AUK_TP129	FOU_AUK_TP129	S1-TPE37	S1-TPE47	S1-TPF07
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704765	701923	701923	701923	705249	705249	704620	704620			
Date		30 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	25 Aug 2023	25 Aug 2023	18 Aug 2023	18 Aug 2023			
Depth		1	1.5	4.5	4.5	1	1	2.5	2.5	3	2	0.6
	Unit											
Hexachlorocyclopentadiene	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
Hexachloroethane	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
Isophorone	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
Nitrobenzene	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
Pentachlorophenol	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
PCB												
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 101	mg/kg	---	<0.003	---	---	---	---	<0.003	---	---	---	---
PCB 138	mg/kg	---	<0.003	---	---	---	---	<0.003	---	---	---	---
PCB 153	mg/kg	---	<0.003	---	---	---	---	<0.003	---	---	---	---
PCB 180	mg/kg	---	<0.003	---	---	---	---	<0.003	---	---	---	---
PCB 118	mg/kg	---	<0.003	---	---	---	---	<0.003	---	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---	---	---	---	---	---	---	---	---
PCB 52	mg/kg	---	<0.003	---	---	---	---	<0.003	---	---	---	---
PCB 28	mg/kg	---	<0.003	---	---	---	---	<0.003	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	<0.021	---	---	---	---	<0.021	---	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phenolics												
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Total Phenols (monohydric)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phenol Index	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
Phenols Monohydric	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Polybrominated Diphenyl Ethers												
BDE-100	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-153	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-154	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-183	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-28	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-47	ng/g	---	---	---	---	---	---	---	---	---	---	---
BDE-99	ng/g	---	---	---	---	---	---	---	---	---	---	---
Sum of selected BDE	ng/g	---	---	---	---	---	---	---	---	---	---	---
Organotins												
Dibutyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Monophenyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diphenyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Monobutyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tetrabutyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tributyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Triphenyltin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Glycols												
1,2-Butanediol*	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,3-Butanediol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,3-Propanediol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,4-Butanediol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
1,5-Pentanediol*	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diethylene glycol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Ethylene glycol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Propylene glycol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Triethylene Glycol	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Pesticides												
Heptachlor epoxide	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Simetryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Secbumeton	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---	---	---	---	---	---	---	---	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG
Location Code		S1-TPF13	S1-TPF13	S1-TPF14
Matrix Type		Soil	Soil	Soil
Lab Report Number				
Date				
Depth		1	2.4	1
	Unit			
Hexachlorocyclopentadiene	mg/kg	---	---	---
Hexachloroethane	mg/kg	---	---	---
Isophorone	mg/kg	---	---	---
Nitrobenzene	mg/kg	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---
Pentachlorophenol	mg/kg	---	---	---
PCB				
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---
PCB 101	mg/kg	---	---	---
PCB 138	mg/kg	---	---	---
PCB 153	mg/kg	---	---	---
PCB 180	mg/kg	---	---	---
PCB 118	mg/kg	---	---	---
PCB 28 + PCB 31	mg/kg	---	---	---
PCB 52	mg/kg	---	---	---
PCB 28	mg/kg	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---
PCBs (Sum of total)	mg/kg	---	---	---
Phenolics				
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---
Total Phenols (monohydric)	mg/kg	---	---	---
Phenol Index	mg/kg	---	---	---
Phenol	mg/kg	---	---	---
Phenols Monohydric	mg/kg	---	---	---
Polybrominated Diphenyl Ethers				
BDE-100	ng/g	---	---	---
BDE-153	ng/g	---	---	---
BDE-154	ng/g	---	---	---
BDE-183	ng/g	---	---	---
BDE-28	ng/g	---	---	---
BDE-47	ng/g	---	---	---
BDE-99	ng/g	---	---	---
Sum of selected BDE	ng/g	---	---	---
Organotins				
Dibutyltin	mg/kg	---	---	---
Monophenyltin	mg/kg	---	---	---
Diphenyltin	mg/kg	---	---	---
Monobutyltin	mg/kg	---	---	---
Tetrabutyltin	mg/kg	---	---	---
Tributyltin	mg/kg	---	---	---
Triphenyltin	mg/kg	---	---	---
Glycols				
1,2-Butanediol*	mg/kg	---	---	---
1,3-Butanediol	mg/kg	---	---	---
1,3-Propanediol	mg/kg	---	---	---
1,4-Butanediol	mg/kg	---	---	---
1,5-Pentanediol*	mg/kg	---	---	---
Diethylene glycol	mg/kg	---	---	---
Ethylene glycol	mg/kg	---	---	---
Propylene glycol	mg/kg	---	---	---
Triethylene Glycol	mg/kg	---	---	---
Pesticides				
Heptachlor epoxide	mg/kg	---	---	---
Simetryn	mg/kg	---	---	---
Sodium Acifluorfen	mg/kg	---	---	---
Tokuthion	mg/kg	---	---	---
Secbumeton	mg/kg	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	mg/kg	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	mg/kg	---	---	---
2,4,5-TP (Silvex)	mg/kg	---	---	---

Matrix Description		MG	MG	MG	MG	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C
Location Code		FOU_AUK_TP105	FOU_AUK_TP105	FOU_AUK_TP105	FOU_AUK_TP108	A-BH10	FOU_AUK_TP125	FOU_AUK_TP125	FOU_AUK_TP130	FOU_AUK_TP130	FOU_AUK_TP130	S1-TPE46
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704194	704194	704194	705249	23-07065	704620	704620	701923	701923	701923	
Date		24 Aug 2023	24 Aug 2023	24 Aug 2023	25 Aug 2023	14 Mar 2023	17 Aug 2023	17 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	
Depth		0.2	0.2	0.2	0.4	4.9	1	1	4.5	4.5	4.5	3.4
	Unit											
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4-Dichlorprop	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
gamma-HCH	mg/kg	---	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---	---
SVOC TIC												
SVOC Tentatively Identified Compounds	mg/kg	6.94	---	---	<5	---	<0.1	---	<0.1	---	---	---
VOC TIC												
VOC Tentatively Identified Compounds	mg/kg	<1	---	---	<0.1	---	<0.1	---	<0.005	---	---	---
Other												
Flash Point	oC	---	---	---	---	---	---	---	---	---	---	---
Organic Matter	%	---	---	---	---	0.8	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	0	---	---	---	---	0	---	7.52	---	---	---
Acid Reserve	gNaOH/100g	0	---	---	---	---	0	---	0	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---	---

Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		15DT15	15DT24	A-BH31	A-BH31	A-BH41	A-BH41	FOU_AUK_TP102	FOU_AUK_TP102	FOU_AUK_TP102	FOU_AUK_TP103	FOU_AUK_TP103
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-10776	23-10776	23-18438	23-18438	704620	704620	704620	704194	704194
Date		10 Jun 2004	10 Jun 2004	20 Mar 2023	20 Mar 2023	27 Jul 2023	27 Jul 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	24 Aug 2023	24 Aug 2023
Depth		0.2 - 0.2	0.3 - 0.3	0.1	0.5	3.55	3.55	2.5	2.5	2.5	1	1
	Unit											
Hedonal	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
gamma-HCH	mg/kg	---	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Terbuthylazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
SVOC TIC												
SVOC Tentatively Identified Compounds	mg/kg	---	---	---	---	---	---	<0.1	---	---	<0.1	---
VOC TIC												
VOC Tentatively Identified Compounds	mg/kg	---	---	---	---	---	---	<0.005	---	---	<0.05	---
Other												
Flash Point	oC	---	---	---	---	---	---	---	---	---	---	---
Organic Matter	%	---	---	---	0.2	1.2	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	0	---	---	0.0202	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	0	---	---	0	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---	---

Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		FOU_AUK_TP103	FOU_AUK_TP105	FOU_AUK_TP126	FOU_AUK_TP126	FOU_AUK_TP126	FOU_AUK_TP127	FOU_AUK_TP127	FOU_AUK_TP127	FOU_AUK_TP127	FOU_AUK_TP127	FOU_AUK_TP127
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704194	704194	704620	704620	704620	704194	704194	704194	704194	704194	704194
Date		24 Aug 2023	24 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023
Depth		1	0.5	3	3	3	1	1	1	2	2	2
	Unit											
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4-Dichlorprop	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
gamma-HCH	mg/kg	---	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Terbuthylazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---	---
SVOC TIC												
SVOC Tentatively Identified Compounds	mg/kg	---	---	<0.1	---	---	<0.2	---	---	<0.1	---	---
VOC TIC												
VOC Tentatively Identified Compounds	mg/kg	---	---	<0.1	---	---	<0.5	---	---	<0.5	---	---
Other												
Flash Point	oC	---	---	---	---	---	---	---	---	---	---	---
Organic Matter	%	---	---	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	1.31	---	---	0.0133	---	---	0.02	---	---
Acid Reserve	gNaOH/100g	---	---	0	---	---	0	---	---	0	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---	---

Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		FOU_AUK_TP128	FOU_AUK_TP128	FOU_AUK_TP128	FOU_AUK_TP130	FOU_AUK_TP131	FOU_AUK_TP131	FOU_AUK_TP131	FOU_AUK_TP131	FOU_AUK_TP131	S1-BH10
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704620	704620	704620	701923	702516	702516	702516	702516	702516	20211022 ARC SS11-SS12
Date		18 Aug 2023	18 Aug 2023	18 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	17 Oct 2017
Depth		2	2	2	3	1.5	1.5	1.5	4	1.5 - 1.5	4.5 - 4.5
	Unit										
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-Dichlorprop	mg/kg	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---
gamma-HCH	mg/kg	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---
Terbuthylazine	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC TIC											
SVOC Tentatively Identified Compounds	mg/kg	2.53	---	---	---	4.92	---	---	---	---	---
VOC TIC											
VOC Tentatively Identified Compounds	mg/kg	<0.05	---	---	---	<1	---	---	---	---	---
Other											
Flash Point	oC	---	---	---	---	>70	---	---	---	---	---
Organic Matter	%	---	---	---	---	---	---	---	---	12.00	1.20
Alkali Reserve	gNaOH/100g	0.622	---	---	0.0601	0.02	---	---	---	---	---
Acid Reserve	gNaOH/100g	0	---	---	0	0	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---

Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		S1-TPE37	S1-TPE46	S1-TPE56	S1-TPF01	15DT16	15DT25	15DT34	A-BH10	A-BH25	A-BH39	A-BH39
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number									23-07065	23-05120	23-07539	23-07539
Date						10 Jun 2004	10 Jun 2004	10 Jun 2004	14 Mar 2023	23 Feb 2023	23 Jun 2023	23 Mar 2023
Depth		4.5	1.5	2.6	0.7	0.8 - 0.8	0.6 - 0.6	0.2 - 0.2	0.5	0.2	0.15	0.9
	Unit											
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
gamma-HCH	mg/kg	---	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Terbutylazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---	---
SVOC TIC												
SVOC Tentatively Identified Compounds	mg/kg	---	---	---	---	---	---	---	---	---	---	---
VOC TIC												
VOC Tentatively Identified Compounds	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Other												
Flash Point	oC	---	---	---	---	---	---	---	---	---	---	---
Organic Matter	%	---	---	---	---	---	---	---	5.1	2.7	---	1.3
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		A-BH39	A-BH41	A-BH41	FOU_AUK_TP101	FOU_AUK_TP101	FOU_AUK_TP103	FOU_AUK_TP103	FOU_AUK_TP103	FOU_AUK_TP103	FOU_AUK_TP104	FOU_AUK_TP104
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-07539	23-18438	23-18438	704620	704620	704194	704194	704194	704620	704620	704620
Date		23 Mar 2023	27 Jul 2023	27 Jul 2023	18 Aug 2023	18 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023
Depth		5.1	0.3	0.5	2	2	2.7	2.7	2.7	2	2	2
	Unit											
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4-Dichlorprop	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
gamma-HCH	mg/kg	---	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Terbuthylazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---	---
SVOC TIC												
SVOC Tentatively Identified Compounds	mg/kg	---	---	---	25	---	<0.2	---	---	<0.1	---	---
VOC TIC												
VOC Tentatively Identified Compounds	mg/kg	---	---	---	<0.5	---	<0.05	---	---	<0.005	---	---
Other												
Flash Point	oC	---	---	---	---	---	---	---	---	---	---	---
Organic Matter	%	3.5	---	0.7	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	---	0	---	0.101	---	---	0	---	---
Acid Reserve	gNaOH/100g	---	---	---	0	---	0	---	---	0	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		FOU_AUK_TP105	FOU_AUK_TP107	FOU_AUK_TP107	FOU_AUK_TP112	FOU_AUK_TP112	FOU_AUK_TP112	FOU_AUK_TP117	FOU_AUK_TP117	FOU_AUK_TP117	FOU_AUK_TP118	FOU_AUK_TP118
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704194	705249	705249	705508	705508	705508	704949	704949	704949	704765	704765
Date		24 Aug 2023	25 Aug 2023	25 Aug 2023	29 Aug 2023	29 Aug 2023	29 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	30 Aug 2023	30 Aug 2023
Depth		2	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	1	1
	Unit											
Hedonal	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4-Dichlorprop	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
gamma-HCH	mg/kg	---	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Terbuthylazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	<0.01	---	---	---	---
SVOC TIC												
SVOC Tentatively Identified Compounds	mg/kg	<0.1	<0.1	---	<0.1	---	---	<1	---	---	<0.1	---
VOC TIC												
VOC Tentatively Identified Compounds	mg/kg	<0.05	<0.5	---	<0.1	---	---	<0.5	---	---	<0.1	---
Other												
Flash Point	oC	---	---	---	---	---	---	---	---	---	---	---
Organic Matter	%	---	---	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	0.0605	0	---	0	---	---	0	---	---	0	---
Acid Reserve	gNaOH/100g	0	0	---	0	---	---	0	---	---	0	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		FOU_AUK_TP118	FOU_AUK_TP124	FOU_AUK_TP124	FOU_AUK_TP124	FOU_AUK_TP127B	FOU_AUK_TP127B	FOU_AUK_TP129	FOU_AUK_TP129	S1-TPE37	S1-TPE47	S1-TPF07
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704765	701923	701923	701923	705249	705249	704620	704620			
Date		30 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	25 Aug 2023	25 Aug 2023	18 Aug 2023	18 Aug 2023			
Depth		1	1.5	4.5	4.5	1	1	2.5	2.5	3	2	0.6
	Unit											
Hedonal	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2,4-Dichlorprop	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4,4-DDE	mg/kg	---	---	---	---	---	---	---	---	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
a-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Aldrin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Ametryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Actril (loxynil)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Atraton	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Atrazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Azinophos methyl	mg/kg	---	---	---	---	---	---	---	---	---	---	---
b-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Benazolin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bentazone	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Bromoxynil	mg/kg	---	---	---	---	---	---	---	---	---	---	---
gamma-Chlordane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Clopyralid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
gamma-HCH	mg/kg	---	---	---	---	---	---	---	---	---	---	---
d-BHC	mg/kg	---	---	---	---	---	---	---	---	---	---	---
DDT	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dicamba	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Diclofop	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dieldrin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endrin	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endrin aldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Endrin ketone	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Fensulfothion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Fluroxypyr	mg/kg	---	---	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Heptachlor	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Mecoprop	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Methoxychlor	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Methyl parathion	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Picloram	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Prometon	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Prometryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Propazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Simazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Stirophos	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Terbutryn	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Terbuthylazine	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Triclopyr	mg/kg	---	---	---	---	---	---	---	---	---	---	---
Triclosan	mg/kg	---	---	---	---	---	---	---	---	---	---	---
SVOC TIC												
SVOC Tentatively Identified Compounds	mg/kg	---	---	<0.1	---	<0.1	---	<0.1	---	---	---	---
VOC TIC												
VOC Tentatively Identified Compounds	mg/kg	---	---	<0.005	---	<0.005	---	<0.05	---	---	---	---
Other												
Flash Point	oC	---	---	---	---	---	---	---	---	---	---	---
Organic Matter	%	---	---	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	0.159	---	0.739	---	0.624	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	0	---	0	---	0	---	---	---	---
Fraction Organic Carbon	-	---	---	---	---	---	---	---	---	---	---	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG
Location Code		S1-TPF13	S1-TPF13	S1-TPF14
Matrix Type		Soil	Soil	Soil
Lab Report Number				
Date				
Depth		1	2.4	1
	Unit			
Hedonal	mg/kg	---	---	---
2,4-dichlorophenoxybutanoic acid	mg/kg	---	---	---
2,4-Dichlorprop	mg/kg	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	mg/kg	---	---	---
4,4-DDE	mg/kg	---	---	---
4-Chlorophenoxy acetic acid	mg/kg	---	---	---
a-BHC	mg/kg	---	---	---
Aldrin	mg/kg	---	---	---
Ametryn	mg/kg	---	---	---
Actril (loxynil)	mg/kg	---	---	---
Atraton	mg/kg	---	---	---
Atrazine	mg/kg	---	---	---
Azinophos methyl	mg/kg	---	---	---
b-BHC	mg/kg	---	---	---
Benazolin	mg/kg	---	---	---
Bentazone	mg/kg	---	---	---
Bolstar (Sulprofos)	mg/kg	---	---	---
Bromoxynil	mg/kg	---	---	---
gamma-Chlordane	mg/kg	---	---	---
Chlorpyrifos	mg/kg	---	---	---
Clopyralid	mg/kg	---	---	---
Coumaphos	mg/kg	---	---	---
gamma-HCH	mg/kg	---	---	---
d-BHC	mg/kg	---	---	---
DDT	mg/kg	---	---	---
Demeton-O	mg/kg	---	---	---
Demeton-S	mg/kg	---	---	---
Diazinon	mg/kg	---	---	---
Dicamba	mg/kg	---	---	---
Dichlorvos	mg/kg	---	---	---
Diclofop	mg/kg	---	---	---
Dieldrin	mg/kg	---	---	---
Dinoseb	mg/kg	---	---	---
Disulfoton	mg/kg	---	---	---
Endosulfan sulphate	mg/kg	---	---	---
Endosulphan I & Alpha-chlorodane	mg/kg	---	---	---
Endosulphan II & 4,4-DDD	mg/kg	---	---	---
Endrin	mg/kg	---	---	---
Endrin aldehyde	mg/kg	---	---	---
Endrin ketone	mg/kg	---	---	---
Ethoprop	mg/kg	---	---	---
Fensulfothion	mg/kg	---	---	---
Fenthion	mg/kg	---	---	---
Fluroxypyr	mg/kg	---	---	---
g-BHC (Lindane)	mg/kg	---	---	---
Heptachlor	mg/kg	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	mg/kg	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	mg/kg	---	---	---
Mecoprop	mg/kg	---	---	---
Merphos	mg/kg	---	---	---
Methoxychlor	mg/kg	---	---	---
Methyl parathion	mg/kg	---	---	---
Mevinphos (Phosdrin)	mg/kg	---	---	---
Naled (Dibrom)	mg/kg	---	---	---
Phorate	mg/kg	---	---	---
Picloram	mg/kg	---	---	---
Prometon	mg/kg	---	---	---
Prometryn	mg/kg	---	---	---
Propazine	mg/kg	---	---	---
Propoxycarbazone-sodium	mg/kg	---	---	---
Ronnel	mg/kg	---	---	---
Simazine	mg/kg	---	---	---
Stiropfos	mg/kg	---	---	---
Terbutryn	mg/kg	---	---	---
Terbuthylazine	mg/kg	---	---	---
Trichloronate	mg/kg	---	---	---
Triclopyr	mg/kg	---	---	---
Triclosan	mg/kg	---	---	---
SVOC TIC				
SVOC Tentatively Identified Compounds	mg/kg	---	---	---
VOC TIC				
VOC Tentatively Identified Compounds	mg/kg	---	---	---
Other				
Flash Point	oC	---	---	---
Organic Matter	%	---	---	---
Alkali Reserve	gNaOH/100g	---	---	---
Acid Reserve	gNaOH/100g	---	---	---
Fraction Organic Carbon	-	---	---	---

Matrix Description		MG	MG	MG	MG	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C	MG-C
Location Code		FOU_AUK_TP105	FOU_AUK_TP105	FOU_AUK_TP105	FOU_AUK_TP108	A-BH10	FOU_AUK_TP125	FOU_AUK_TP125	FOU_AUK_TP130	FOU_AUK_TP130	FOU_AUK_TP130	S1-TPE46
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704194	704194	704194	705249	23-07065	704620	704620	701923	701923	701923	
Date		24 Aug 2023	24 Aug 2023	24 Aug 2023	25 Aug 2023	14 Mar 2023	17 Aug 2023	17 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	
Depth		0.2	0.2	0.2	0.4	4.9	1	1	4.5	4.5	4.5	3.4
	Unit											
Moisture	%	16	---	---	2.5	13	16	---	31	---	---	---
pH (Lab)	pH_Units	8.25	---	---	---	11.4	8.82	---	12.7	---	---	---
Calorific Value												
Water Analytical	%	---	---	---	---	---	---	---	---	---	---	---
Water Gross	%	---	---	---	---	---	---	---	---	---	---	---
Water Total	%	---	---	---	---	---	---	---	---	---	---	---
Gross Calorific Value in Dry Matter	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Gross Calorific Value in Original	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Net Calorific Value in Dry Matter	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Net Calorific Value in Original	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Water Analytical M (ad)	%	---	---	---	---	---	---	---	---	---	---	---
Water Gross M(ex)	%	---	---	---	---	---	---	---	---	---	---	---
Water Total M(ar)	%	---	---	---	---	---	---	---	---	---	---	---

Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		15DT15	15DT24	A-BH31	A-BH31	A-BH41	A-BH41	FOU_AUK_TP102	FOU_AUK_TP102	FOU_AUK_TP102	FOU_AUK_TP103	FOU_AUK_TP103
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-10776	23-10776	23-18438	23-18438	704620	704620	704620	704194	704194
Date		10 Jun 2004	10 Jun 2004	20 Mar 2023	20 Mar 2023	27 Jul 2023	27 Jul 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	24 Aug 2023	24 Aug 2023
Depth		0.2 - 0.2	0.3 - 0.3	0.1	0.5	3.55	3.55	2.5	2.5	2.5	1	1
	Unit											
Moisture	%	---	---	---	5.5	5.4	---	6.7	---	---	9.4	---
pH (Lab)	pH_Units	10.4	12.3	---	11.3	11.7	---	9.75	---	---	11.8	---
Calorific Value												
Water Analytical	%	---	---	---	---	---	---	---	---	---	---	---
Water Gross	%	---	---	---	---	---	---	---	---	---	---	---
Water Total	%	---	---	---	---	---	---	---	---	---	---	---
Gross Calorific Value in Dry Matter	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Gross Calorific Value in Original	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Net Calorific Value in Dry Matter	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Net Calorific Value in Original	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Water Analytical M (ad)	%	---	---	---	---	---	---	---	---	---	---	---
Water Gross M(ex)	%	---	---	---	---	---	---	---	---	---	---	---
Water Total M(ar)	%	---	---	---	---	---	---	---	---	---	---	---

Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		FOU_AUK_TP103	FOU_AUK_TP105	FOU_AUK_TP126	FOU_AUK_TP126	FOU_AUK_TP126	FOU_AUK_TP127	FOU_AUK_TP127	FOU_AUK_TP127	FOU_AUK_TP127	FOU_AUK_TP127	FOU_AUK_TP127
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704194	704194	704620	704620	704620	704194	704194	704194	704194	704194	704194
Date		24 Aug 2023	24 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023
Depth		1	0.5	3	3	3	1	1	1	2	2	2
	Unit											
Moisture	%	---	8.6	8.3	---	---	9.9	---	---	11	---	---
pH (Lab)	pH_Units	---	---	12.6	---	---	11.2	---	---	11.4	---	---
Calorific Value												
Water Analytical	%	---	---	---	---	---	---	---	---	---	---	---
Water Gross	%	---	---	---	---	---	---	---	---	---	---	---
Water Total	%	---	---	---	---	---	---	---	---	---	---	---
Gross Calorific Value in Dry Matter	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Gross Calorific Value in Original	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Net Calorific Value in Dry Matter	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Net Calorific Value in Original	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Water Analytical M (ad)	%	---	---	---	---	---	---	---	---	---	---	---
Water Gross M(ex)	%	---	---	---	---	---	---	---	---	---	---	---
Water Total M(ar)	%	---	---	---	---	---	---	---	---	---	---	---

Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code		FOU_AUK_TP128	FOU_AUK_TP128	FOU_AUK_TP128	FOU_AUK_TP130	FOU_AUK_TP131	FOU_AUK_TP131	FOU_AUK_TP131	FOU_AUK_TP131	S1-BH10	S1-BH10
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704620	704620	704620	701923	702516	702516	702516	702516	20211022 ARC SS11-SS12	20211022 ARC SS11-SS12
Date		18 Aug 2023	18 Aug 2023	18 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	17 Oct 2017	17 Oct 2017
Depth		2	2	2	3	1.5	1.5	1.5	4	1.5 - 1.5	4.5 - 4.5
	Unit										
Moisture	%	3.4	---	---	5.8	4.6	---	---	7.5	---	---
pH (Lab)	pH_Units	12.6	---	---	12.2	11.6	---	---	9.91	9.90	11.00
Calorific Value											
Water Analytical	%	---	---	---	---	---	---	---	---	---	---
Water Gross	%	---	---	---	---	---	---	---	---	---	---
Water Total	%	---	---	---	---	---	---	---	---	---	---
Gross Calorific Value in Dry Matter	MJ/kg	---	---	---	---	1.24	---	---	---	---	---
Gross Calorific Value in Original	MJ/kg	---	---	---	---	1.14	---	---	---	---	---
Net Calorific Value in Dry Matter	MJ/kg	---	---	---	---	1.16	---	---	---	---	---
Net Calorific Value in Original	MJ/kg	---	---	---	---	0.88	---	---	---	---	---
Water Analytical M (ad)	%	---	---	---	---	1.46	---	---	---	---	---
Water Gross M(ex)	%	---	---	---	---	6.73	---	---	---	---	---
Water Total M(ar)	%	---	---	---	---	8.1	---	---	---	---	---

Matrix Description		MG-G	MG-G	MG-G	MG-G	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		S1-TPE37	S1-TPE46	S1-TPE56	S1-TPF01	15DT16	15DT25	15DT34	A-BH10	A-BH25	A-BH39	A-BH39
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number									23-07065	23-05120	23-07539	23-07539
Date						10 Jun 2004	10 Jun 2004	10 Jun 2004	14 Mar 2023	23 Feb 2023	23 Mar 2023	23 Mar 2023
Depth		4.5	1.5	2.6	0.7	0.8 - 0.8	0.6 - 0.6	0.2 - 0.2	0.5	0.2	0.15	0.9
	Unit											
Moisture	%	---	---	---	---	---	---	---	8.2	10	---	10
pH (Lab)	pH_Units	---	---	---	---	10.1	10.2	11.4	9.6	10.9	---	8.9
Calorific Value												
Water Analytical	%	---	---	---	---	---	---	---	---	---	---	---
Water Gross	%	---	---	---	---	---	---	---	---	---	---	---
Water Total	%	---	---	---	---	---	---	---	---	---	---	---
Gross Calorific Value in Dry Matter	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Gross Calorific Value in Original	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Net Calorific Value in Dry Matter	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Net Calorific Value in Original	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Water Analytical M (ad)	%	---	---	---	---	---	---	---	---	---	---	---
Water Gross M(ex)	%	---	---	---	---	---	---	---	---	---	---	---
Water Total M(ar)	%	---	---	---	---	---	---	---	---	---	---	---



Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		A-BH39	A-BH41	A-BH41	FOU_AUK_TP101	FOU_AUK_TP101	FOU_AUK_TP103	FOU_AUK_TP103	FOU_AUK_TP103	FOU_AUK_TP104	FOU_AUK_TP104	FOU_AUK_TP104
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-07539	23-18438	23-18438	704620	704620	704194	704194	704194	704620	704620	704620
Date		23 Mar 2023	27 Jul 2023	27 Jul 2023	18 Aug 2023	18 Aug 2023	24 Aug 2023	24 Aug 2023	24 Aug 2023	17 Aug 2023	17 Aug 2023	17 Aug 2023
Depth		5.1	0.3	0.5	2	2	2.7	2.7	2.7	2	2	2
	Unit											
Moisture	%	8	---	7.2	9.2	---	8.7	---	---	10	---	---
pH (Lab)	pH_Units	8.6	---	10.1	9.21	---	12.1	---	---	9.26	---	---
Calorific Value												
Water Analytical	%	---	---	---	---	---	---	---	---	---	---	---
Water Gross	%	---	---	---	---	---	---	---	---	---	---	---
Water Total	%	---	---	---	---	---	---	---	---	---	---	---
Gross Calorific Value in Dry Matter	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Gross Calorific Value in Original	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Net Calorific Value in Dry Matter	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Net Calorific Value in Original	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Water Analytical M (ad)	%	---	---	---	---	---	---	---	---	---	---	---
Water Gross M(ex)	%	---	---	---	---	---	---	---	---	---	---	---
Water Total M(ar)	%	---	---	---	---	---	---	---	---	---	---	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		FOU_AUK_TP105	FOU_AUK_TP107	FOU_AUK_TP107	FOU_AUK_TP112	FOU_AUK_TP112	FOU_AUK_TP112	FOU_AUK_TP117	FOU_AUK_TP117	FOU_AUK_TP117	FOU_AUK_TP118	FOU_AUK_TP118
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704194	705249	705249	705508	705508	705508	704949	704949	704949	704765	704765
Date		24 Aug 2023	25 Aug 2023	25 Aug 2023	29 Aug 2023	29 Aug 2023	29 Aug 2023	31 Aug 2023	31 Aug 2023	31 Aug 2023	30 Aug 2023	30 Aug 2023
Depth		2	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	1	1
	Unit											
Moisture	%	1.2	7.4	---	4.3	---	---	5.5	---	---	8.5	---
pH (Lab)	pH_Units	12.4	9.25	---	9.64	---	---	10.2	---	---	10.1	---
Calorific Value												
Water Analytical	%	---	---	---	---	---	---	---	---	---	---	---
Water Gross	%	---	---	---	---	---	---	---	---	---	---	---
Water Total	%	---	---	---	---	---	---	---	---	---	---	---
Gross Calorific Value in Dry Matter	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Gross Calorific Value in Original	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Net Calorific Value in Dry Matter	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Net Calorific Value in Original	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Water Analytical M (ad)	%	---	---	---	---	---	---	---	---	---	---	---
Water Gross M(ex)	%	---	---	---	---	---	---	---	---	---	---	---
Water Total M(ar)	%	---	---	---	---	---	---	---	---	---	---	---

Matrix Description		MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code		FOU_AUK_TP118	FOU_AUK_TP124	FOU_AUK_TP124	FOU_AUK_TP124	FOU_AUK_TP127B	FOU_AUK_TP127B	FOU_AUK_TP129	FOU_AUK_TP129	S1-TPE37	S1-TPE47	S1-TPF07
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		704765	701923	701923	701923	705249	705249	704620	704620			
Date		30 Aug 2023	16 Aug 2023	16 Aug 2023	16 Aug 2023	25 Aug 2023	25 Aug 2023	18 Aug 2023	18 Aug 2023			
Depth		1	1.5	4.5	4.5	1	1	2.5	2.5	3	2	0.6
	Unit											
Moisture	%	---	11	4.4	---	3.6	---	6.5	---	---	---	---
pH (Lab)	pH_Units	---	---	12.4	---	12.6	---	12.6	---	---	---	---
Calorific Value												
Water Analytical	%	---	---	---	---	---	---	---	---	---	---	---
Water Gross	%	---	---	---	---	---	---	---	---	---	---	---
Water Total	%	---	---	---	---	---	---	---	---	---	---	---
Gross Calorific Value in Dry Matter	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Gross Calorific Value in Original	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Net Calorific Value in Dry Matter	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Net Calorific Value in Original	MJ/kg	---	---	---	---	---	---	---	---	---	---	---
Water Analytical M (ad)	%	---	---	---	---	---	---	---	---	---	---	---
Water Gross M(ex)	%	---	---	---	---	---	---	---	---	---	---	---
Water Total M(ar)	%	---	---	---	---	---	---	---	---	---	---	---

Matrix Description		MG-SLAG		
Location Code		S1-TPF13		
Matrix Type		Soil		
Lab Report Number				
Date				
Depth		1		
	Unit			
Moisture	%	---	---	---
pH (Lab)	pH_Units	---	---	---
Calorific Value				
Water Analytical	%	---	---	---
Water Gross	%	---	---	---
Water Total	%	---	---	---
Gross Calorific Value in Dry Matter	MJ/kg	---	---	---
Gross Calorific Value in Original	MJ/kg	---	---	---
Net Calorific Value in Dry Matter	MJ/kg	---	---	---
Net Calorific Value in Original	MJ/kg	---	---	---
Water Analytical M (ad)	%	---	---	---
Water Gross M(ex)	%	---	---	---
Water Total M(ar)	%	---	---	---

Comments
For asbestos data see laboratory reports

Key:
MG = Made Ground
MG-C = Made Ground – Cohesive
MG-G = Made Ground – Granular
MG-SLAG = Made Ground - Slag

Foundry Leachate Made Ground

Matrix Description				MG	MG-C	MG-C	MG-C	MG-G	MG-G	MG-G	MG-G
Location Code				FOU_AUK_TP105	A-BH10	A-BH10	FOU_AUK_TP125	A-BH31	A-BH31	A-BH41	FOU_AUK_TP102
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				704194	23-07065	23-07065	704620	23-10776	23-10776	23-18438	704620
Date				24 Aug 2023	14 Mar 2023	14 Mar 2023	17 Aug 2023	20 Mar 2023	20 Mar 2023	27 Jul 2023	17 Aug 2023
Depth				0.2	4.9	4.9	1	0.5	0.5	3.55	2.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	47.2	320	---	<10	2,100	---	530	874
Antimony (filtered)	µg/L	5 ^{#1}	-	---	0.6	---	---	0.28	---	0.22	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	8.15	0.37	---	<0.5	1.1	---	0.37	3.49
Barium (filtered)	µg/L	1,300 ^{#2}	-	16.8	130	---	17.5	33	---	540	34.2
Beryllium (filtered)	µg/L	-	-	---	<0.1	---	---	<0.1	---	<0.1	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	31.9	<12	---	68.1	66	---	<12	122
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	<0.08	<0.03	---	<0.08	<0.03	---	<0.03	<0.08
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	<7	---	---	<7	---	<7	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	<30	---	---	<30	---	---	---	<30
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	2.2	---	---	<1	---	---	---	3.61
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	7.13	5.9	---	1.15	4.6	---	3.9	1.83
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	285	---	---	68.4	---	---	---	<50
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	285	29	---	684	<5.5	---	<5.5	<19
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	1.64	2.9	---	<0.2	4.4	---	1.3	0.209
Manganese (filtered)	µg/L	50 ^{#1}	-	7.36	0.91	---	<3	0.65	---	0.72	<3
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	<0.01	0.15	---	<0.01	0.05	---	0.04	<0.01
Molybdenum (filtered)	µg/L	70 ^{#3}	-	11.1	3.8	---	7.9	2	---	2.9	<3
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	1.98	1.5	---	0.723	<0.5	---	0.8	0.457
Selenium (filtered)	µg/L	10 ^{#1}	-	1.55	0.64	---	<1	1	---	0.39	1.4
Silicon (filtered)	µg/L	-	-	3,880	---	---	2,780	---	---	---	3,730
Tin (filtered)	µg/L	-	10 ^{#25}	---	2.3	---	---	<0.4	---	1.2	---
Titanium (filtered)	µg/L	-	-	---	<0.3	---	---	<0.3	---	<0.3	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	19	---	---	37	---	5.4	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	31.1	1.4	---	<1	3.3	---	<1.3	1.97
Inorganics											
Total Hardness	mg/l	-	-	---	163	---	---	97.4	---	488	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	-	-	---	---	220	---	---	470	---	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	0.31	---	---	43	---	0.18	---
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/l	-	-	---	0.02	---	---	0.35	---	<0.01	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	0.179	---	---	<0.05	---	---	---	<0.05
Soluble Sulphate 2:1 extract as SO4 BRE	mg/l	-	-	---	---	---	---	---	---	---	---
Alkalinity (total) as CaCO3 (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	<0.2	0.24	---	<0.2	34	---	0.14	<0.2
Calcium (filtered)	mg/L	-	-	15.6	65	---	15	38	---	200	41.9
Chloride	mg/L	250 ^{#1}	-	---	38	---	---	4.8	---	29	---
Chloride (filtered)	mg/L	250 ^{#1}	-	2.2	---	---	<2	---	---	---	<2
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	0.1	---	---	<0.1	---	0.1	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	<2.5	---	---	<2.5	---	---	---	<2.5
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	0.7	---	---	0.4	---	0.1	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	9.78	---	---	9.83	---	---	---	<5
cyanides-complex	µg/L	50 ^{#1}	1 ^{#19}	---	<40	---	---	<40	---	<40	---
cyanides-complex (filtered)	µg/L	50 ^{#1}	1 ^{#19}	8.95	---	---	8.6	---	---	---	<5
Ferrous Iron	µg/L	-	1,000 ^{#23}	<100	---	---	<100	---	---	---	<100
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#28}	---	850	---	---	1,200	---	<100	---
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#28}	907	---	---	1,300	---	---	---	1,110
Ionic Balance	%	-	-	---	---	---	---	---	---	---	---
Magnesium (filtered)	mg/L	-	-	1.91	0.05	---	4.36	0.48	---	0.13	0.399
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	---	0.44	---	---	1.4	---	0.37	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	2.28	---	---	1.13	---	---	---	1.59
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	---	1.1	---	---	<0.1	---	<0.1	---
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	<0.05	---	---	<0.05	---	---	---	<0.05
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	650	---	---	200	---	---	---	292
Potassium (filtered)	mg/L	-	-	4.81	6	---	0.802	8.7	---	12	13.8
Silica	µg/L	-	-	---	6,800	---	---	9,700	---	150	---
Sodium (filtered)	mg/L	200 ^{#1}	-	4.58	11	---	4.66	3.2	---	9.1	4.22
Sulphate	mg/L	250 (SO4) ^{#7}	-	---	24	---	---	52	---	4	---
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	<2	---	---	19.2	---	---	---	89.5
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	<10	---	---	<10	---	<10	---

Foundry Leachate Made Ground

Matrix Description				MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code				FOU_AUK_TP103	FOU_AUK_TP127	FOU_AUK_TP128	FOU_AUK_TP131	S1-BH10	S1-BH10	S1-BH10
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				704194	704194	704620	702516	20211022 ARC SS11-SS12		20211022 ARC SS11-SS12
Date				24 Aug 2023	24 Aug 2023	18 Aug 2023	16 Aug 2023	17 Oct 2017	17 Oct 2017	17 Oct 2017
Depth				1	2	2	1.5	1.5	1.5 - 1.5	4.5 - 4.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Metals										
Aluminium (filtered)	µg/L	200 ^{#1}	-	875	1,910	17.1	580	---	---	---
Antimony (filtered)	µg/L	5 ^{#1}	-	---	---	---	---	---	---	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	<0.5	0.591	<0.5	<0.5	0.27	---	---
Barium (filtered)	µg/L	1,300 ^{#2}	-	182	161	642	108	1.6	---	---
Beryllium (filtered)	µg/L	-	-	---	---	---	---	<0.1	---	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	400	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	11.9	<10	11.1	34.2	---	---	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	<0.08	<0.08	<0.08	<0.08	0.015	---	---
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	118	41	35.4	34.3	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	106	22.3	29.8	29.3	0.36	---	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	4.33	18.7	3.18	2.06	0.9	---	---
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	<50	<50	<50	<50	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	<19	<19	<19	<19	55	---	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	1.02	11.1	20.9	<0.2	0.12	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	<3	<3	<3	<3	0.005	---	---
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	0.207	5.67	0.0376	<0.01	---	---	---
Molybdenum (filtered)	µg/L	70 ^{#3}	-	4.62	5.23	<3	3.31	---	---	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	<0.4	3.82	0.742	0.455	0.25	---	---
Selenium (filtered)	µg/L	10 ^{#1}	-	<1	1.17	<1	<1	1.2	---	---
Silicon (filtered)	µg/L	-	-	2,980	3,170	<50	6,180	---	---	---
Tin (filtered)	µg/L	-	10 ^{#25}	---	---	---	---	---	---	---
Titanium (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	---	---	---	1.8	---	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	2.27	2.71	4.95	<1	0.65	---	---
Inorganics										
Total Hardness	mg/l	-	-	---	---	---	---	---	---	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	-	-	---	---	---	---	---	---	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	---	---	---	---	---	---
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/l	-	-	---	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	<0.05	<0.05	<0.05	<0.05	---	---	---
Soluble Sulphate 2:1 extract as SO4 BRE	mg/l	-	-	---	---	---	---	---	---	---
Alkalinity (total) as CaCO3 (filtered)	mg/L	-	-	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	<0.2	0.413	<0.2	<0.2	0.025	---	---
Calcium (filtered)	mg/L	-	-	150	159	907	99.5	---	---	---
Chloride	mg/L	250 ^{#1}	-	---	---	---	---	---	---	---
Chloride (filtered)	mg/L	250 ^{#1}	-	5.3	21.8	8.6	5.6	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	<2.5	<2.5	<2.5	<2.5	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	<40	---	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	<5	30.2	<5	<5	---	---	---
cyanides-complex	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---
cyanides-complex (filtered)	µg/L	50 ^{#1}	1 ^{#19}	<5	27.8	<5	<5	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	<100	<100	<100	<100	---	---	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#28}	---	---	---	---	---	---	---
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#28}	859	534	860	1,540	---	---	---
Ionic Balance	%	-	-	---	---	---	---	---	---	---
Magnesium (filtered)	mg/L	-	-	0.657	0.576	0.537	0.763	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	3.62	36.6	6.56	4.02	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	0.199	30.1	0.549	0.135	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	812	17,900	1,730	1,030	---	---	---
Potassium (filtered)	mg/L	-	-	4.67	36.1	0.771	1.52	---	---	---
Silica	µg/L	-	-	---	---	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	3.53	18.1	1.34	3.2	---	---	---
Sulphate	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	17	220	1,900.00
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	47.5	29.3	13.5	76	---	---	---
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---

Foundry Leachate Made Ground

Matrix Description				MG-G	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				S1-TPE56	A-BH10	A-BH25	A-BH25	A-BH39	A-BH39	FOU_AUK_TP101	FOU_AUK_TP101
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number					23-07065	23-05120	23-05120	23-07539	23-07539	704620	704620
Date				13 Mar 2017	14 Mar 2023	23 Feb 2023	23 Feb 2023	23 Mar 2023	23 Mar 2023	18 Aug 2023	18 Aug 2023
Depth				2.6	0.5	0.2	0.2	0.9	5.1	2	2
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	---	---	580	---	---	---	---	---
Antimony (filtered)	µg/L	5 ^{#1}	-	---	---	1.2	---	---	---	---	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	3.4	---	2.7	---	---	---	---	---
Barium (filtered)	µg/L	1,300 ^{#2}	-	60	---	26	---	---	---	---	---
Beryllium (filtered)	µg/L	-	-	<0.1	---	<0.1	---	---	---	---	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	<100	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	36	---	---	---	---	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	0.04	---	<0.03	---	---	---	---	---
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	---	<7	---	---	---	---	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	0.47	---	---	---	---	---	---	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	1.6	---	2.4	---	---	---	---	---
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	<50	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	14	---	130	---	---	---	<19	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	<0.09	---	1.7	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	12	---	1.6	---	---	---	---	---
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	0.01	---	0.06	---	---	---	---	---
Molybdenum (filtered)	µg/L	70 ^{#3}	-	---	---	15	---	---	---	---	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	0.6	---	<0.5	---	---	---	---	---
Selenium (filtered)	µg/L	10 ^{#1}	-	1.1	---	1.7	---	---	---	---	---
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Tin (filtered)	µg/L	-	10 ^{#25}	---	---	<0.4	---	---	---	---	---
Titanium (filtered)	µg/L	-	-	---	---	2.7	---	---	---	---	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	5.3	---	45	---	---	---	---	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	6	---	2.3	---	---	---	---	---
Inorganics											
Total Hardness	mg/l	-	-	---	---	79.1	---	---	---	---	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	-	-	---	1,400	---	---	40	200	---	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	---	0.26	---	---	---	---	---
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/l	-	-	---	---	<0.01	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	---	---	---	---	<0.05	---
Soluble Sulphate 2:1 extract as SO4 BRE	mg/l	-	-	---	---	---	80	---	---	---	---
Alkalinity (total) as CaCO3 (filtered)	mg/L	-	-	---	---	---	---	---	---	23.8	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	0.1	---	0.2	---	---	---	<0.2	---
Calcium (filtered)	mg/L	-	-	---	---	31	---	---	---	---	---
Chloride	mg/L	250 ^{#1}	-	---	---	3.9	---	---	---	---	---
Chloride (filtered)	mg/L	250 ^{#1}	-	---	---	---	---	---	---	3.8	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	---	<0.1	---	---	---	---	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	<2.5	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	---	0.3	---	---	---	---	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	8.11	---
cyanides-complex	µg/L	50 ^{#1}	1 ^{#19}	---	---	<40	---	---	---	---	---
cyanides-complex (filtered)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	7.86	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	---	---	---	---	---	---	<100	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#28}	---	---	110	---	---	---	---	---
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#28}	---	---	---	---	---	---	822	---
Ionic Balance	%	-	-	---	---	---	---	---	---	0.0001	---
Magnesium (filtered)	mg/L	-	-	---	---	0.44	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	---	---	0.22	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	<0.3	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	---	---	<0.1	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	<0.05	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	<200	---
Potassium (filtered)	mg/L	-	-	---	---	6.2	---	---	---	---	---
Silica	µg/L	-	-	---	---	7,100	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	---	---	7.3	---	---	---	---	---
Sulphate	mg/L	250 (SO4) ^{#7}	-	---	---	9.8	80	---	---	---	---
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---	1,420	---
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	---	<10	---	---	---	---	---

Foundry Leachate Made Ground

Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				FOU_AUK_TP104	FOU_AUK_TP105	FOU_AUK_TP107	FOU_AUK_TP118	FOU_AUK_TP127B	FOU_AUK_TP129	S1-TPE37	S1-TPF14
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				704620	704194	705249	704765	705249	704620		
Date				17 Aug 2023	24 Aug 2023	25 Aug 2023	30 Aug 2023	25 Aug 2023	18 Aug 2023	14 Mar 2017	15 Mar 2017
Depth				2	2	0.5	1	1	2.5	3	1
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	134	220	69.2	1,020	11.4	<10	---	---
Antimony (filtered)	µg/L	5 ^{#1}	-	---	---	---	---	---	---	---	---
Arsenic	µg/L	10 ^{#1}	25 ^{#19}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#19}	0.866	<0.5	5.84	1.44	0.642	<0.5	3.5	1.2
Barium (filtered)	µg/L	1,300 ^{#2}	-	24.4	943	30.4	71.1	2,020	882	28	110
Beryllium (filtered)	µg/L	-	-	---	---	---	---	---	---	<0.1	<0.1
Boron	µg/L	1,000 ^{#1}	7,000 ^{#20}	---	---	---	---	---	---	170	<100
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#20}	56.4	23.9	91.4	49.3	<10	14.7	---	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#21}	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.03	0.19
Chromium (hexavalent)	µg/L	-	0.6 ^{#21}	---	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#21}	<30	90.5	<30	<30	102	103	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#21}	<1	75.9	5.48	1.06	75.2	87	0.31	36
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#22}	0.405	1.21	0.45	0.843	0.516	<0.3	1.2	4.6
Ferric Iron (filtered)	µg/L	-	1,000 ^{#23}	<50	<50	<50	<50	<50	<50	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#19}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#19}	<19	228	<19	<19	<19	<19	<5.5	9.3
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#21}	<0.2	2.46	<0.2	<0.2	6.49	4.45	<0.09	0.26
Manganese (filtered)	µg/L	50 ^{#1}	-	5.44	<3	<3	<3	<3	<3	14	<0.22
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#24}	<0.01	<0.01	4.01	<0.01	<0.1	<0.01	0.01	0.17
Molybdenum (filtered)	µg/L	70 ^{#3}	-	<3	5.25	3.13	<3	<3	<3	---	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#21}	0.492	0.586	<0.4	0.469	<0.4	<0.4	3.5	<0.5
Selenium (filtered)	µg/L	10 ^{#1}	-	2.18	<1	1.37	1.04	<1	<1	1.1	14
Silicon (filtered)	µg/L	-	-	3,310	348	9,300	4,530	145	58.7	---	---
Tin (filtered)	µg/L	-	10 ^{#25}	---	---	---	---	---	---	---	---
Titanium (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Vanadium (filtered)	µg/L	-	100 ^{#26}	---	---	---	---	---	---	7.1	8
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#27}	1.32	3.32	15.6	1.69	2.03	2.34	1.5	<1.3
Inorganics											
Total Hardness	mg/l	-	-	---	---	---	---	---	---	---	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	-	-	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as NH4	mg/L	-	0.021 ^{#19}	---	---	---	---	---	---	---	---
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/l	-	-	---	---	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	<0.05	<0.05	0.058	<0.05	<0.05	<0.05	---	---
Soluble Sulphate 2:1 extract as SO4 BRE	mg/l	-	-	---	---	---	---	---	---	---	---
Alkalinity (total) as CaCO3 (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#19}	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.15	0.018
Calcium (filtered)	mg/L	-	-	156	461	17.7	110	835	771	---	---
Chloride	mg/L	250 ^{#1}	-	---	---	---	---	---	---	---	---
Chloride (filtered)	mg/L	250 ^{#1}	-	2.1	5.1	2.4	6.4	3.9	3.3	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#19}	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#19}	<5	<5	<5	<5	<5	<5	---	---
cyanides-complex	µg/L	50 ^{#1}	1 ^{#19}	---	---	---	---	---	---	---	---
cyanides-complex (filtered)	µg/L	50 ^{#1}	1 ^{#19}	<5	<5	<5	<5	<5	<5	---	---
Ferrous Iron	µg/L	-	1,000 ^{#23}	<100	<100	<100	<100	<100	<100	---	---
Fluoride	µg/L	1,500 ^{#1}	5,000 ^{#28}	---	---	---	---	---	---	---	---
Fluoride (filtered)	µg/L	1,500 ^{#1}	5,000 ^{#28}	591	520	672	816	1,300	1,390	---	---
Ionic Balance	%	-	-	---	---	---	---	---	---	---	---
Magnesium (filtered)	mg/L	-	-	3.55	0.119	4.07	0.201	0.588	0.365	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---	---
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#5}	-	<0.3	1.3	1.23	<0.3	<0.3	2.05	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#6}	-	<0.05	0.489	<0.05	0.103	0.887	0.137	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	<200	558	428	<200	<200	557	---	---
Potassium (filtered)	mg/L	-	-	5.23	0.633	3.59	26.6	1.66	<0.2	---	---
Silica	µg/L	-	-	---	---	---	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	3.42	1.39	7.98	7.29	2.16	0.758	---	---
Sulphate	mg/L	250 (SO4) ^{#7}	-	---	---	---	---	---	---	---	---
Sulphate (filtered)	mg/L	250 (SO4) ^{#7}	-	376	2.9	41.8	257	2.2	11.5	---	---
Sulphide	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	---	---

Foundry Leachate Made Ground

Matrix Description				MG	MG-C	MG-C	MG-C	MG-G	MG-G	MG-G	MG-G
Location Code				FOU_AUK_TP105	A-BH10	A-BH10	FOU_AUK_TP125	A-BH31	A-BH31	A-BH41	FOU_AUK_TP102
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				704194	23-07065	23-07065	704620	23-10776	23-10776	23-18438	704620
Date				24 Aug 2023	14 Mar 2023	14 Mar 2023	17 Aug 2023	20 Mar 2023	20 Mar 2023	27 Jul 2023	17 Aug 2023
Depth				0.2	4.9	4.9	1	0.5	0.5	3.55	2.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	37.7	---	---	<10	---	---	---	<10
Sulphur (free)	mg/L	-	-	---	<0.084	---	---	<0.084	---	<0.084	---
Sulphur as S	mg/L	-	-	---	24	---	---	27	---	<10	---
Sulphur as S (filtered)	mg/L	-	-	2.23	---	---	6.91	---	---	---	30.7
Thiocyanate (as SCN)	µg/L	-	-	---	940	---	---	26	---	<20	---
Thiocyanate (as SCN) (filtered)	µg/L	-	-	<50	---	---	<50	---	---	---	<50
PAH											
Naphthalene	µg/L	-	2 ^{#19}	<2	<0.05	---	<2	<0.05	---	0.38	<1
Naphthalene (filtered)	µg/L	-	2 ^{#19}	<0.01	---	---	<0.01	---	---	---	0.018
Acenaphthene	µg/L	-	-	<2	0.02	---	<2	0.01	---	0.08	<1
Acenaphthene (filtered)	µg/L	-	-	<0.005	---	---	<0.005	---	---	---	<0.005
Acenaphthylene	µg/L	-	-	<2	0.01	---	<2	<0.01	---	0.06	<1
Acenaphthylene (filtered)	µg/L	-	-	<0.005	---	---	<0.005	---	---	---	<0.005
Fluoranthene	µg/L	-	0.0063 ^{#19}	<2	0.05	---	<2	0.02	---	0.13	<1
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#19}	0.033	---	---	0.0068	---	---	---	0.0124
Anthracene	µg/L	-	0.1 ^{#19}	<2	0.01	---	<2	<0.01	---	0.04	<1
Anthracene (filtered)	µg/L	-	0.1 ^{#19}	0.0076	---	---	<0.005	---	---	---	<0.005
Phenanthrene	µg/L	-	-	<2	0.04	---	<2	0.03	---	0.39	<1
Phenanthrene (filtered)	µg/L	-	-	0.0423	---	---	0.0128	---	---	---	0.0173
Fluorene	µg/L	-	-	<2	<0.01	---	<2	0.01	---	0.07	<1
Fluorene (filtered)	µg/L	-	-	<0.005	---	---	<0.005	---	---	---	<0.005
Chrysene	µg/L	-	-	<2	0.01	---	<2	<0.01	---	0.05	<1
Chrysene (filtered)	µg/L	-	-	0.0262	---	---	<0.005	---	---	---	<0.005
Pyrene	µg/L	-	-	<2	0.04	---	<2	0.01	---	0.11	<1
Pyrene (filtered)	µg/L	-	-	0.021	---	---	0.0057	---	---	---	0.0129
Benzo(a)anthracene	µg/L	-	-	<2	0.01	---	<2	<0.01	---	0.05	<1
Benzo(a)anthracene (filtered)	µg/L	-	-	<0.005	---	---	<0.005	---	---	---	<0.005
Benzo(b)fluoranthene	µg/L	0.025 ^{#8}	See BaP ^{#30}	<2	<0.01	---	<2	<0.01	---	0.05	<1
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#8}	See BaP ^{#30}	0.0332	---	---	<0.005	---	---	---	<0.005
Benzo(k)fluoranthene	µg/L	0.025 ^{#8}	See BaP ^{#30}	<2	<0.01	---	<2	<0.01	---	0.02	<1
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#8}	See BaP ^{#30}	0.00876	---	---	<0.005	---	---	---	<0.005
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#30}	<2	<0.01	---	<2	<0.01	---	0.05	<1
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#30}	0.0108	---	---	<0.002	---	---	---	<0.002
Dibenz(a,h)anthracene	µg/L	-	-	<2	<0.01	---	<2	<0.01	---	<0.01	<1
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	<0.005	---	---	<0.005	---	---	---	<0.005
Benzo(g,h,i)perylene	µg/L	0.025 ^{#8}	See BaP ^{#30}	<2	<0.01	---	<2	<0.01	---	0.04	<1
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#8}	See BaP ^{#30}	<0.005	---	---	<0.005	---	---	---	<0.005
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#8}	See BaP ^{#30}	<2	<0.01	---	<2	<0.01	---	0.04	<1
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#8}	See BaP ^{#30}	0.0126	---	---	<0.005	---	---	---	<0.005
PAH 16 Total	µg/L	-	-	---	<0.2	---	---	<0.2	---	1.6	---
PAH 16 Total (filtered)	µg/L	-	-	0.195	---	---	<0.082	---	---	---	<0.082
TPH CWG											
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<10	<0.1	---	<10	---	---	<0.1	<10
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	<10	<0.1	---	<10	---	---	<0.1	<10
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	<10	<0.1	---	<10	---	---	<0.1	<10
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<10	<1	---	<10	---	---	<1	<10
>C16-C35 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	<1	---	---	---	---	5.1	---
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	See TPH	<10	---	---	<10	---	---	---	<10
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	<1	---	---	---	---	15	---
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	See TPH	<10	---	---	<10	---	---	---	<10
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	<1	---	---	---	---	<1	---
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	See TPH	<10	---	---	<10	---	---	---	<10
>C35-C44 Aliphatics	µg/L	-	-	---	<1	---	---	---	---	<1	---
>C10-C44 Aliphatics	µg/L	-	-	---	<1	---	---	---	---	20	---
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aliphatics >C12-C35	µg/L	-	-	---	---	---	---	---	---	---	---
Total Aliphatics >C12-C35 (filtered)	µg/L	-	-	<10	---	---	<10	---	---	---	<10
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	<10	<0.1	---	<10	---	---	<0.1	<10
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<10	<0.1	---	<10	---	---	<0.1	<10
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	<10	<0.1	---	<10	---	---	<0.1	<10
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	<10	<1	---	<10	---	---	<1	<10
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	2.2	---	---	---	---	<1	---
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	See TPH	<10	---	---	<10	---	---	---	<10
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	<1	---	---	---	---	<1	---
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	See TPH	<10	---	---	<10	---	---	---	<10
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	<1	---	---	---	---	<1	---
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	See TPH	<10	---	---	<10	---	---	---	<10
>EC16-EC35 Aromatics (filtered)	µg/L	-	-	<10	---	---	<10	---	---	---	<10

Foundry Leachate Made Ground

Matrix Description				MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code				FOU_AUK_TP103	FOU_AUK_TP127	FOU_AUK_TP128	FOU_AUK_TP131	S1-BH10	S1-BH10	S1-BH10
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				704194	704194	704620	702516	20211022 ARC SS11-SS12		20211022 ARC SS11-SS12
Date				24 Aug 2023	24 Aug 2023	18 Aug 2023	16 Aug 2023	17 Oct 2017	17 Oct 2017	17 Oct 2017
Depth				1	2	2	1.5	1.5	1.5 - 1.5	4.5 - 4.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	<10	<10	<10	<10	---	---	---
Sulphur (free)	mg/L	-	-	---	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	---	---	---	---	---	---	---
Sulphur as S (filtered)	mg/L	-	-	16.9	9.87	4.47	24.3	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	---	---	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	µg/L	-	-	<50	170	520	<50	---	---	---
PAH										
Naphthalene	µg/L	-	2 ^{#19}	<2	<2	<2	<2	4	---	---
Naphthalene (filtered)	µg/L	-	2 ^{#19}	0.678	0.27	0.069	0.0675	---	---	---
Acenaphthene	µg/L	-	-	<2	<2	<2	<2	1.2	---	---
Acenaphthene (filtered)	µg/L	-	-	<0.005	0.0303	0.0151	0.0133	---	---	---
Acenaphthylene	µg/L	-	-	<2	<2	<2	<2	1.3	---	---
Acenaphthylene (filtered)	µg/L	-	-	0.193	0.211	0.0153	0.053	---	---	---
Fluoranthene	µg/L	-	0.0063 ^{#19}	<2	<2	<2	<2	8.3	---	---
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#19}	0.111	0.122	0.0396	0.0283	---	---	---
Anthracene	µg/L	-	0.1 ^{#19}	<2	<2	<2	<2	2.3	---	---
Anthracene (filtered)	µg/L	-	0.1 ^{#19}	0.0394	0.0313	0.0157	0.0084	---	---	---
Phenanthrene	µg/L	-	-	<2	<2	<2	<2	8.4	---	---
Phenanthrene (filtered)	µg/L	-	-	0.338	0.23	0.051	0.0527	---	---	---
Fluorene	µg/L	-	-	<2	<2	<2	<2	1.8	---	---
Fluorene (filtered)	µg/L	-	-	0.126	0.0545	0.0125	0.0189	---	---	---
Chrysene	µg/L	-	-	<2	<2	<2	<2	6.9	---	---
Chrysene (filtered)	µg/L	-	-	<0.005	0.00934	<0.005	<0.005	---	---	---
Pyrene	µg/L	-	-	<2	<2	<2	<2	5.1	---	---
Pyrene (filtered)	µg/L	-	-	0.105	0.103	0.0296	0.0253	---	---	---
Benzo(a)anthracene	µg/L	-	-	<2	<2	<2	<2	3.9	---	---
Benzo(a)anthracene (filtered)	µg/L	-	-	<0.005	<0.005	<0.005	<0.005	---	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#8}	See BaP ^{#30}	<2	<2	<2	<2	8.8	---	---
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#8}	See BaP ^{#30}	<0.005	<0.005	<0.005	<0.005	---	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#8}	See BaP ^{#30}	<2	<2	<2	<2	2.3	---	---
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#8}	See BaP ^{#30}	<0.005	<0.005	<0.005	<0.005	---	---	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#30}	<2	<2	<2	<2	5	---	---
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#30}	<0.002	<0.002	<0.002	<0.002	---	---	---
Dibenz(a,h)anthracene	µg/L	-	-	<2	<2	<2	<2	2.5	---	---
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	<0.005	<0.005	<0.005	<0.005	---	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#8}	See BaP ^{#30}	<2	<2	<2	<2	9.5	---	---
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#8}	See BaP ^{#30}	<0.005	<0.005	<0.005	<0.005	---	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#8}	See BaP ^{#30}	<2	<2	<2	<2	11	---	---
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#8}	See BaP ^{#30}	<0.005	<0.005	<0.005	<0.005	---	---	---
PAH 16 Total	µg/L	-	-	---	---	---	---	83	---	---
PAH 16 Total (filtered)	µg/L	-	-	1.59	1.06	0.248	0.267	---	---	---
TPH CWG										
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<0.1	---	---
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<0.1	---	---
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<0.1	---	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<1.0	---	---
>C16-C35 Aliphatics	µg/L	-	-	---	---	---	---	<2	---	---
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	<1.0	---	---
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	See TPH	<10	<10	<10	<10	---	---	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	<1.0	---	---
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	See TPH	<10	<10	<10	<10	---	---	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	<1.0	---	---
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	See TPH	<10	<10	<10	<10	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---
>C10-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	<10	---	---
Total Aliphatics >C12-C35	µg/L	-	-	---	---	---	---	---	---	---
Total Aliphatics >C12-C35 (filtered)	µg/L	-	-	<10	<10	<10	<10	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<0.1	---	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<0.1	---	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<0.1	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<1.0	---	---
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	<1.0	---	---
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	See TPH	<10	<10	<10	<10	---	---	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	<1.0	---	---
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	See TPH	<10	<10	<10	<10	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	<1.0	---	---
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	See TPH	<10	<10	<10	<10	---	---	---
>EC16-EC35 Aromatics (filtered)	µg/L	-	-	<10	<10	<10	<10	---	---	---

Foundry Leachate Made Ground

Matrix Description				MG-G	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				S1-TPE56	A-BH10	A-BH25	A-BH25	A-BH39	A-BH39	FOU_AUK_TP101	FOU_AUK_TP101
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number					23-07065	23-05120	23-05120	23-07539	23-07539	704620	704620
Date				13 Mar 2017	14 Mar 2023	23 Feb 2023	23 Feb 2023	23 Mar 2023	23 Mar 2023	18 Aug 2023	18 Aug 2023
Depth				2.6	0.5	0.2	0.2	0.9	5.1	2	2
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	---	---	---	---	---	---	<10	---
Sulphur (free)	mg/L	-	-	---	---	<0.084	---	---	---	---	---
Sulphur as S	mg/L	-	-	---	---	15	---	---	---	720	---
Sulphur as S (filtered)	mg/L	-	-	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	---	---	<20	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	µg/L	-	-	---	---	---	---	---	---	<50	---
PAH											
Naphthalene	µg/L	-	2 ^{#19}	---	---	0.12	---	---	---	0.0254	<1
Naphthalene (filtered)	µg/L	-	2 ^{#19}	---	---	---	---	---	---	---	---
Acenaphthene	µg/L	-	-	---	---	0.01	---	---	---	0.0102	<2
Acenaphthene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Acenaphthylene	µg/L	-	-	---	---	0.01	---	---	---	<0.005	---
Acenaphthylene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Fluoranthene	µg/L	-	0.0063 ^{#19}	---	---	0.06	---	---	---	0.0273	<2
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#19}	---	---	---	---	---	---	---	---
Anthracene	µg/L	-	0.1 ^{#19}	---	---	0.02	---	---	---	<0.005	---
Anthracene (filtered)	µg/L	-	0.1 ^{#19}	---	---	---	---	---	---	---	---
Phenanthrene	µg/L	-	-	---	---	0.09	---	---	---	0.0343	<2
Phenanthrene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Fluorene	µg/L	-	-	---	---	0.04	---	---	---	<0.005	---
Fluorene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Chrysene	µg/L	-	-	---	---	0.04	---	---	---	<0.005	---
Chrysene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Pyrene	µg/L	-	-	---	---	0.03	---	---	---	0.0228	<2
Pyrene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Benzo(a)anthracene	µg/L	-	-	---	---	0.01	---	---	---	<0.005	---
Benzo(a)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#8}	See BaP ^{#30}	---	---	<0.01	---	---	---	<0.005	---
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#8}	See BaP ^{#30}	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#8}	See BaP ^{#30}	---	---	<0.01	---	---	---	<0.005	---
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#8}	See BaP ^{#30}	---	---	---	---	---	---	---	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#30}	---	---	<0.01	---	---	---	<0.002	---
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#30}	---	---	---	---	---	---	---	---
Dibenz(a,h)anthracene	µg/L	-	-	---	---	<0.01	---	---	---	<0.005	---
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#8}	See BaP ^{#30}	---	---	<0.01	---	---	---	<0.005	---
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#8}	See BaP ^{#30}	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#8}	See BaP ^{#30}	---	---	<0.01	---	---	---	<0.005	---
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#8}	See BaP ^{#30}	---	---	---	---	---	---	---	---
PAH 16 Total	µg/L	-	-	---	---	0.44	---	---	---	0.12	---
PAH 16 Total (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
TPH CWG											
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	---	---	<0.1	---	---	---	<10	---
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	---	---	<0.1	---	---	---	<10	---
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	---	---	<0.1	---	---	---	<10	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	---	---	<1	---	---	---	<10	---
>C16-C35 Aliphatics	µg/L	-	-	---	---	---	---	---	---	<10	---
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	---	<1	---	---	---	<10	---
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	---	<1	---	---	---	<10	---
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	---	<1	---	---	---	<10	---
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	---	<1	---	---	---	---	---
>C10-C44 Aliphatics	µg/L	-	-	---	---	<1	---	---	---	---	---
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aliphatics >C12-C35	µg/L	-	-	---	---	---	---	---	---	<10	---
Total Aliphatics >C12-C35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	---	<0.1	---	---	---	<10	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	---	---	<0.1	---	---	---	<10	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	---	---	<0.1	---	---	---	<10	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	---	---	<1	---	---	---	<10	---
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	---	<1	---	---	---	<10	---
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	---	<1	---	---	---	<10	---
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	---	<1	---	---	---	<10	---
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC16-EC35 Aromatics (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---

Foundry Leachate Made Ground

Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				FOU_AUK_TP104	FOU_AUK_TP105	FOU_AUK_TP107	FOU_AUK_TP118	FOU_AUK_TP127B	FOU_AUK_TP129	S1-TPE37	S1-TPF14
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				704620	704194	705249	704765	705249	704620		
Date				17 Aug 2023	24 Aug 2023	25 Aug 2023	30 Aug 2023	25 Aug 2023	18 Aug 2023	14 Mar 2017	15 Mar 2017
Depth				2	2	0.5	1	1	2.5	3	1
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#29}	<10	<10	<10	<10	<10	<10	---	---
Sulphur (free)	mg/L	-	-	---	---	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	---	---	---	---	---	---	---	---
Sulphur as S (filtered)	mg/L	-	-	131	2.13	14.7	88.3	2.08	3.85	---	---
Thiocyanate (as SCN)	µg/L	-	-	---	---	---	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	µg/L	-	-	<50	<50	<50	<50	<50	<50	---	---
PAH											
Naphthalene	µg/L	-	2 ^{#19}	<1	<1	<1	<2	<1	<1	---	---
Naphthalene (filtered)	µg/L	-	2 ^{#19}	---	0.019	0.0111	<0.01	0.0579	0.0103	---	---
Acenaphthene	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
Acenaphthene (filtered)	µg/L	-	-	---	<0.005	<0.005	<0.005	0.023	<0.005	---	---
Acenaphthylene	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
Acenaphthylene (filtered)	µg/L	-	-	---	<0.005	<0.005	<0.005	0.0147	<0.005	---	---
Fluoranthene	µg/L	-	0.0063 ^{#19}	<2	<1	<2	<2	<2	<2	---	---
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#19}	---	0.205	<0.005	0.00574	0.124	<0.005	---	---
Anthracene	µg/L	-	0.1 ^{#19}	<2	<1	<2	<2	<2	<2	---	---
Anthracene (filtered)	µg/L	-	0.1 ^{#19}	---	<0.005	<0.005	<0.005	0.00957	<0.005	---	---
Phenanthrene	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
Phenanthrene (filtered)	µg/L	-	-	---	0.193	0.0163	0.0174	0.655	<0.005	---	---
Fluorene	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
Fluorene (filtered)	µg/L	-	-	---	<0.005	<0.005	<0.005	0.0148	<0.005	---	---
Chrysene	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
Chrysene (filtered)	µg/L	-	-	---	0.0136	<0.005	<0.005	<0.005	<0.005	---	---
Pyrene	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
Pyrene (filtered)	µg/L	-	-	---	0.122	<0.005	<0.005	0.068	<0.005	---	---
Benzo(a)anthracene	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
Benzo(a)anthracene (filtered)	µg/L	-	-	---	<0.005	<0.005	<0.005	<0.005	<0.005	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#8}	See BaP ^{#30}	<2	<1	<2	<2	<2	<2	---	---
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#8}	See BaP ^{#30}	---	<0.005	<0.005	<0.005	<0.005	<0.005	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#8}	See BaP ^{#30}	<2	<1	<2	<2	<2	<2	---	---
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#8}	See BaP ^{#30}	---	<0.005	<0.005	<0.005	<0.005	<0.005	---	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#30}	<2	<1	<2	<2	<2	<2	---	---
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#30}	---	<0.002	<0.002	<0.002	<0.002	<0.002	---	---
Dibenz(a,h)anthracene	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	---	<0.005	<0.005	<0.005	<0.005	<0.005	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#8}	See BaP ^{#30}	<2	<1	<2	<2	<2	<2	---	---
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#8}	See BaP ^{#30}	---	<0.005	<0.005	<0.005	<0.005	<0.005	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#8}	See BaP ^{#30}	<2	<1	<2	<2	<2	<2	---	---
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#8}	See BaP ^{#30}	---	<0.005	<0.005	<0.005	<0.005	<0.005	---	---
PAH 16 Total	µg/L	-	-	---	---	---	---	---	---	---	---
PAH 16 Total (filtered)	µg/L	-	-	---	0.553	<0.082	<0.082	0.968	<0.082	---	---
TPH CWG											
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	---	---
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	---	---
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	---	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	---	---
>C16-C35 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics (filtered)	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	---	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics (filtered)	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	---	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics (filtered)	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---	---
>C10-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
Total Aliphatics >C12-C35	µg/L	-	-	---	---	---	---	---	---	---	---
Total Aliphatics >C12-C35 (filtered)	µg/L	-	-	<10	<10	<10	<10	<10	<10	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	---	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	---	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	---	---
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC12-EC16 Aromatics (filtered)	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	---	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics (filtered)	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics (filtered)	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	---	---
>EC16-EC35 Aromatics (filtered)	µg/L	-	-	<10	<10	<10	<10	<10	<10	---	---

Foundry Leachate Made Ground

Matrix Description				MG	MG-C	MG-C	MG-C	MG-G	MG-G	MG-G	MG-G
Location Code				FOU_AUK_TP105	A-BH10	A-BH10	FOU_AUK_TP125	A-BH31	A-BH31	A-BH41	FOU_AUK_TP102
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				704194	23-07065	23-07065	704620	23-10776	23-10776	23-18438	704620
Date				24 Aug 2023	14 Mar 2023	14 Mar 2023	17 Aug 2023	20 Mar 2023	20 Mar 2023	27 Jul 2023	17 Aug 2023
Depth				0.2	4.9	4.9	1	0.5	0.5	3.55	2.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
>EC35-EC44 Aromatics	µg/L	-	-	---	<1	---	---	---	---	<1	---
>EC10-EC44 Aromatics	µg/L	-	-	---	<1	---	---	---	---	<1	---
Total Aromatics >EC12-EC35	µg/L	-	-	---	---	---	---	---	---	---	---
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	-	<10	---	---	<10	---	---	---	<10
Total Aromatics >EC5-EC35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C10-C44 Aliphatics & Aromatics	µg/L	-	-	---	<1	---	---	---	---	20	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#9}	50 ^{#31}	<10	---	---	<10	---	---	---	<10
TPH											
GRO >C5-10	µg/L	-	-	---	---	---	---	---	---	---	---
GRO TOT (C5-C12) Moisture Corrected	µg/L	-	-	<50	---	---	<50	---	---	---	<50
EPH >C10-40	µg/L	-	-	---	75	---	---	34	---	<10	---
GRO C5-C10	µg/L	-	-	---	<1	---	---	26	---	<1	---
BTEX and MTBE											
Benzene	µg/L	1 ^{#1}	8 ^{#19}	<10	---	---	<10	<1	---	<1	<1
Toluene	µg/L	700 ^{#2}	74 ^{#19}	<10	---	---	<10	<1	---	<1	<1
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	<10	---	---	<10	<1	---	<1	<1
Xylene (m & p)	µg/L	250 ^{#10}	15 ^{#33}	<10	---	---	<10	---	---	<2	<1
Xylene (o)	µg/L	250 ^{#10}	15 ^{#33}	<10	---	---	<10	---	---	<1	<1
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	<20	---	---	<20	<1	---	---	<2
MTBE	µg/L	15 ^{#11}	15 ^{#11}	<10	---	---	<10	<1	---	<1	<1
Total BTEX	µg/L	-	-	<50	---	---	<50	---	---	---	<5
VOC											
Styrene	µg/L	-	50 ^{#20}	<10	---	---	<10	---	---	<1	<1
cis-1,3-dichloropropene	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
trans-1,3-dichloropropene	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
1,1,1,2-tetrachloroethane	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
1,1,1-trichloroethane	µg/L	2,000 ^{#12}	100 ^{#20}	<10	---	---	<10	---	---	<1	<1
1,1,2,2-tetrachloroethane	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	<10	---	---	<10	---	---	<1	<1
1,1-dichloroethane	µg/L	2.8 ^{#13}	-	<10	---	---	<10	---	---	<1	<1
1,1-dichloroethene	µg/L	140 ^{#14}	-	<10	---	---	<10	---	---	<1	<1
1,1-dichloropropene	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
1,2,3-trichloropropane	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
1,2,4-trimethylbenzene	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
1,2-dibromo-3-chloropropane	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
1,2-dibromoethane	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	<10	---	---	<10	---	---	<1	<1
1,2-dichloropropane	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
1,3,5-trimethylbenzene	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
1,3-dichloropropane	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
2,2-dichloropropane	µg/L	-	-	<10	---	---	<10	---	---	<2	<1
2-chlorotoluene	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
4-chlorotoluene	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
Bromobenzene	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
Bromochloromethane	µg/L	-	-	<10	---	---	<10	---	---	<4	<1
Bromodichloromethane	µg/L	25 ^{#15}	-	<10	---	---	<10	---	---	<4	<1
Bromoform	µg/L	25 ^{#15}	-	<10	---	---	<10	---	---	<1	<1
Bromomethane	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
Carbon disulfide	µg/L	-	-	<10	---	---	<10	---	---	---	<1
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	<10	---	---	<10	---	---	<1	<1
Chlorodibromomethane	µg/L	25 ^{#15}	-	<10	---	---	<10	---	---	<1	<1
Chloroethane	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	<10	---	---	<10	---	---	<1	1.2
Chloromethane	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	<10	---	---	<10	---	---	<1	<1
Dibromomethane	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
Dichlorodifluoromethane	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
Dichloromethane	µg/L	-	20 ^{#19}	<30	---	---	<30	---	---	<27	<3
Isopropylbenzene	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
n-butylbenzene	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
n-propylbenzene	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
p-isopropyltoluene	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
sec-butylbenzene	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	<10	---	---	<10	---	---	<1	<1
tert-butylbenzene	µg/L	-	-	<10	---	---	<10	---	---	<1	<1
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	<10	---	---	<10	---	---	<1	<1
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	<10	---	---	<10	---	---	<1	<1
Trichlorofluoromethane	µg/L	-	-	<10	---	---	<10	---	---	<1	<1

Foundry Leachate Made Ground

Matrix Description				MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code				FOU_AUK_TP103	FOU_AUK_TP127	FOU_AUK_TP128	FOU_AUK_TP131	S1-BH10	S1-BH10	S1-BH10
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				704194	704194	704620	702516	20211022 ARC SS11-SS12		20211022 ARC SS11-SS12
Date				24 Aug 2023	24 Aug 2023	18 Aug 2023	16 Aug 2023	17 Oct 2017	17 Oct 2017	17 Oct 2017
Depth				1	2	2	1.5	1.5	1.5 - 1.5	4.5 - 4.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
>EC35-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	---	---
>EC10-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	---	---
Total Aromatics >EC12-EC35	µg/L	-	-	---	---	---	---	---	---	---
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	-	<10	<10	<10	<10	---	---	---
Total Aromatics >EC5-EC35	µg/L	See TPH	See TPH	---	---	---	---	<10	---	---
>C10-C44 Aliphatics & Aromatics	µg/L	-	-	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#9}	50 ^{#31}	<10	35	<10	<10	<10	---	---
TPH										
GRO >C5-10	µg/L	-	-	---	---	---	---	---	---	---
GRO TOT (C5-C12) Moisture Corrected	µg/L	-	-	<50	<50	<50	<50	---	---	---
EPH >C10-40	µg/L	-	-	---	---	---	---	---	---	---
GRO C5-C10	µg/L	-	-	---	---	---	---	---	---	---
BTEX and MTBE										
Benzene	µg/L	1 ^{#1}	8 ^{#19}	<10	<10	<100	<10	---	---	---
Toluene	µg/L	700 ^{#2}	74 ^{#19}	<10	<10	<100	<10	---	---	---
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	<10	<10	<100	<10	---	---	---
Xylene (m & p)	µg/L	250 ^{#10}	15 ^{#33}	<10	<10	<100	<10	---	---	---
Xylene (o)	µg/L	250 ^{#10}	15 ^{#33}	<10	<10	<100	<10	---	---	---
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	<20	<20	<200	<20	---	---	---
MTBE	µg/L	15 ^{#11}	15 ^{#11}	<10	<10	<100	<10	---	---	---
Total BTEX	µg/L	-	-	<50	<50	<500	<50	---	---	---
VOC										
Styrene	µg/L	-	50 ^{#20}	<10	<10	<100	<10	---	---	---
cis-1,3-dichloropropene	µg/L	-	-	<10	<10	<100	<10	---	---	---
trans-1,3-dichloropropene	µg/L	-	-	<10	<10	<100	<10	---	---	---
1,1,1,2-tetrachloroethane	µg/L	-	-	<10	<10	<100	<10	---	---	---
1,1,1-trichloroethane	µg/L	2,000 ^{#12}	100 ^{#20}	<10	<10	<100	<10	---	---	---
1,1,2,2-tetrachloroethane	µg/L	-	-	<10	<10	<100	<10	---	---	---
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	<10	<10	<100	<10	---	---	---
1,1-dichloroethane	µg/L	2.8 ^{#13}	-	<10	<10	<100	<10	---	---	---
1,1-dichloroethene	µg/L	140 ^{#14}	-	<10	<10	<100	<10	---	---	---
1,1-dichloropropene	µg/L	-	-	<10	<10	<100	<10	---	---	---
1,2,3-trichloropropane	µg/L	-	-	<10	<10	<100	<10	---	---	---
1,2,4-trimethylbenzene	µg/L	-	-	<10	<10	<100	<10	---	---	---
1,2-dibromo-3-chloropropane	µg/L	-	-	<10	<10	<100	<10	---	---	---
1,2-dibromoethane	µg/L	-	-	<10	<10	<100	<10	---	---	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	<10	<10	<100	<10	---	---	---
1,2-dichloropropane	µg/L	-	-	<10	<10	<100	<10	---	---	---
1,3,5-trimethylbenzene	µg/L	-	-	<10	<10	<100	<10	---	---	---
1,3-dichloropropane	µg/L	-	-	<10	<10	<100	<10	---	---	---
2,2-dichloropropane	µg/L	-	-	<10	<10	<100	<10	---	---	---
2-chlorotoluene	µg/L	-	-	<10	<10	<100	<10	---	---	---
4-chlorotoluene	µg/L	-	-	<10	<10	<100	<10	---	---	---
Bromobenzene	µg/L	-	-	<10	<10	<100	<10	---	---	---
Bromochloromethane	µg/L	-	-	<10	<10	<100	<10	---	---	---
Bromodichloromethane	µg/L	25 ^{#15}	-	<10	<10	<100	<10	---	---	---
Bromoform	µg/L	25 ^{#15}	-	<10	<10	<100	<10	---	---	---
Bromomethane	µg/L	-	-	<10	<10	<100	<10	---	---	---
Carbon disulfide	µg/L	-	-	<10	<10	<100	<10	---	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	<10	<10	<100	<10	---	---	---
Chlorodibromomethane	µg/L	25 ^{#15}	-	<10	<10	<100	<10	---	---	---
Chloroethane	µg/L	-	-	<10	<10	<100	<10	---	---	---
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	<10	<10	<100	<10	---	---	---
Chloromethane	µg/L	-	-	<10	<10	<100	<10	---	---	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	<10	<10	<100	<10	---	---	---
Dibromomethane	µg/L	-	-	<10	<10	<100	<10	---	---	---
Dichlorodifluoromethane	µg/L	-	-	<10	<10	<100	<10	---	---	---
Dichloromethane	µg/L	-	20 ^{#19}	<30	<30	<300	<30	---	---	---
Isopropylbenzene	µg/L	-	-	<10	<10	<100	<10	---	---	---
n-butylbenzene	µg/L	-	-	<10	<10	<100	<10	---	---	---
n-propylbenzene	µg/L	-	-	<10	<10	<100	<10	---	---	---
p-isopropyltoluene	µg/L	-	-	<10	<10	<100	<10	---	---	---
sec-butylbenzene	µg/L	-	-	<10	<10	<100	<10	---	---	---
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	<10	<10	<100	<10	---	---	---
tert-butylbenzene	µg/L	-	-	<10	<10	<100	<10	---	---	---
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	<10	<10	<100	280	---	---	---
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	<10	<10	<100	<10	---	---	---
Trichlorofluoromethane	µg/L	-	-	<10	<10	<100	<10	---	---	---

Foundry Leachate Made Ground

Matrix Description				MG-G	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				S1-TPE56	A-BH10	A-BH25	A-BH25	A-BH39	A-BH39	FOU_AUK_TP101	FOU_AUK_TP101
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number					23-07065	23-05120	23-05120	23-07539	23-07539	704620	704620
Date				13 Mar 2017	14 Mar 2023	23 Feb 2023	23 Feb 2023	23 Mar 2023	23 Mar 2023	18 Aug 2023	18 Aug 2023
Depth				2.6	0.5	0.2	0.2	0.9	5.1	2	2
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
>EC35-EC44 Aromatics	µg/L	-	-	---	---	<1	---	---	---	---	---
>EC10-EC44 Aromatics	µg/L	-	-	---	---	<1	---	---	---	---	---
Total Aromatics >EC12-EC35	µg/L	-	-	---	---	---	---	---	---	<10	---
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C10-C44 Aliphatics & Aromatics	µg/L	-	-	---	---	<1	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#9}	50 ^{#31}	---	---	---	---	---	---	<10	---
TPH											
GRO >C5-10	µg/L	-	-	---	---	---	---	---	---	---	---
GRO TOT (C5-C12) Moisture Corrected	µg/L	-	-	---	---	---	---	---	---	<50	---
EPH >C10-40	µg/L	-	-	---	---	48	---	---	---	---	---
GRO C5-C10	µg/L	-	-	---	---	<1	---	---	---	---	---
BTEX and MTBE											
Benzene	µg/L	1 ^{#1}	8 ^{#19}	---	---	---	---	---	---	<1	---
Toluene	µg/L	700 ^{#2}	74 ^{#19}	---	---	---	---	---	---	<1	---
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	---	---	---	---	---	---	<1	---
Xylene (m & p)	µg/L	250 ^{#10}	15 ^{#33}	---	---	---	---	---	---	<1	---
Xylene (o)	µg/L	250 ^{#10}	15 ^{#33}	---	---	---	---	---	---	<1	---
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	---	---	---	---	---	---	<2	---
MTBE	µg/L	15 ^{#11}	15 ^{#11}	---	---	---	---	---	---	<1	---
Total BTEX	µg/L	-	-	---	---	---	---	---	---	<5	---
VOC											
Styrene	µg/L	-	50 ^{#20}	---	---	---	---	---	---	<1	---
cis-1,3-dichloropropene	µg/L	-	-	---	---	---	---	---	---	<1	---
trans-1,3-dichloropropene	µg/L	-	-	---	---	---	---	---	---	<1	---
1,1,1,2-tetrachloroethane	µg/L	-	-	---	---	---	---	---	---	<1	---
1,1,1-trichloroethane	µg/L	2,000 ^{#12}	100 ^{#20}	---	---	---	---	---	---	<1	---
1,1,2,2-tetrachloroethane	µg/L	-	-	---	---	---	---	---	---	<1	---
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	---	---	---	---	---	---	<1	---
1,1-dichloroethane	µg/L	2.8 ^{#13}	-	---	---	---	---	---	---	<1	---
1,1-dichloroethene	µg/L	140 ^{#14}	-	---	---	---	---	---	---	<1	---
1,1-dichloropropene	µg/L	-	-	---	---	---	---	---	---	<1	---
1,2,3-trichloropropane	µg/L	-	-	---	---	---	---	---	---	<1	---
1,2,4-trimethylbenzene	µg/L	-	-	---	---	---	---	---	---	<1	---
1,2-dibromo-3-chloropropane	µg/L	-	-	---	---	---	---	---	---	<1	---
1,2-dibromoethane	µg/L	-	-	---	---	---	---	---	---	<1	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	---	---	---	---	---	---	<1	---
1,2-dichloropropane	µg/L	-	-	---	---	---	---	---	---	<1	---
1,3,5-trimethylbenzene	µg/L	-	-	---	---	---	---	---	---	<1	---
1,3-dichloropropane	µg/L	-	-	---	---	---	---	---	---	<1	---
2,2-dichloropropane	µg/L	-	-	---	---	---	---	---	---	<1	---
2-chlorotoluene	µg/L	-	-	---	---	---	---	---	---	<1	---
4-chlorotoluene	µg/L	-	-	---	---	---	---	---	---	<1	---
Bromobenzene	µg/L	-	-	---	---	---	---	---	---	<1	---
Bromochloromethane	µg/L	-	-	---	---	---	---	---	---	<1	---
Bromodichloromethane	µg/L	25 ^{#15}	-	---	---	---	---	---	---	<1	---
Bromoform	µg/L	25 ^{#15}	-	---	---	---	---	---	---	<1	---
Bromomethane	µg/L	-	-	---	---	---	---	---	---	<1	---
Carbon disulfide	µg/L	-	-	---	---	---	---	---	---	<1	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	---	---	---	---	---	---	<1	---
Chlorodibromomethane	µg/L	25 ^{#15}	-	---	---	---	---	---	---	<1	---
Chloroethane	µg/L	-	-	---	---	---	---	---	---	<1	---
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	---	---	---	---	---	---	1.08	---
Chloromethane	µg/L	-	-	---	---	---	---	---	---	<1	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	---	---	---	---	<1	---
Dibromomethane	µg/L	-	-	---	---	---	---	---	---	<1	---
Dichlorodifluoromethane	µg/L	-	-	---	---	---	---	---	---	<1	---
Dichloromethane	µg/L	-	20 ^{#19}	---	---	---	---	---	---	<3	---
Isopropylbenzene	µg/L	-	-	---	---	---	---	---	---	<1	---
n-butylbenzene	µg/L	-	-	---	---	---	---	---	---	<1	---
n-propylbenzene	µg/L	-	-	---	---	---	---	---	---	<1	---
p-isopropyltoluene	µg/L	-	-	---	---	---	---	---	---	<1	---
sec-butylbenzene	µg/L	-	-	---	---	---	---	---	---	<1	---
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	---	---	---	---	<1	---
tert-butylbenzene	µg/L	-	-	---	---	---	---	---	---	<1	---
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	---	---	---	---	---	---	<1	---
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	---	---	---	---	---	---	<1	---
Trichlorofluoromethane	µg/L	-	-	---	---	---	---	---	---	<1	---

Foundry Leachate Made Ground

Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				FOU_AUK_TP104	FOU_AUK_TP105	FOU_AUK_TP107	FOU_AUK_TP118	FOU_AUK_TP127B	FOU_AUK_TP129	S1-TPE37	S1-TPF14
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				704620	704194	705249	704765	705249	704620		
Date				17 Aug 2023	24 Aug 2023	25 Aug 2023	30 Aug 2023	25 Aug 2023	18 Aug 2023	14 Mar 2017	15 Mar 2017
Depth				2	2	0.5	1	1	2.5	3	1
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
>EC35-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---
>EC10-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---
Total Aromatics >EC12-EC35	µg/L	-	-	---	---	---	---	---	---	---	---
Total Aromatics >EC12-EC35 (filtered)	µg/L	-	-	<10	<10	<10	<10	<10	<10	---	---
Total Aromatics >EC5-EC35	µg/L	See TPH	See TPH	---	---	---	---	---	---	---	---
>C10-C44 Aliphatics & Aromatics	µg/L	-	-	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	µg/L	10 ^{#9}	50 ^{#31}	<10	<10	<10	<10	<10	<10	---	---
TPH											
GRO >C5-10	µg/L	-	-	---	---	---	---	---	---	---	---
GRO TOT (C5-C12) Moisture Corrected	µg/L	-	-	<50	<50	<50	<50	<50	<50	---	---
EPH >C10-40	µg/L	-	-	---	---	---	---	---	---	---	---
GRO C5-C10	µg/L	-	-	---	---	---	---	---	---	---	---
BTEX and MTBE											
Benzene	µg/L	1 ^{#1}	8 ^{#19}	<1	<1	<1	<100	<1	<1	---	---
Toluene	µg/L	700 ^{#2}	74 ^{#19}	<1	<1	<1	<100	<1	<1	---	---
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#32}	<1	<1	<1	<100	<1	<1	---	---
Xylene (m & p)	µg/L	250 ^{#10}	15 ^{#33}	<1	<1	<1	<100	<1	<1	---	---
Xylene (o)	µg/L	250 ^{#10}	15 ^{#33}	<1	<1	<1	<100	<1	<1	---	---
Xylene Total	µg/L	500 ^{#2}	30 ^{#20}	<2	<2	<2	<200	<2	<2	---	---
MTBE	µg/L	15 ^{#11}	15 ^{#11}	<1	<1	<1	<100	<1	<1	---	---
Total BTEX	µg/L	-	-	<5	<5	<5	<500	<5	<5	---	---
VOC											
Styrene	µg/L	-	50 ^{#20}	<1	<1	<1	<100	<1	<1	---	---
cis-1,3-dichloropropene	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
trans-1,3-dichloropropene	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
1,1,1,2-tetrachloroethane	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
1,1,1-trichloroethane	µg/L	2,000 ^{#12}	100 ^{#20}	<1	<1	<1	<100	<1	<1	---	---
1,1,2,2-tetrachloroethane	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
1,1,2-trichloroethane	µg/L	-	300 ^{#20}	<1	<1	<1	<100	<1	<1	---	---
1,1-dichloroethane	µg/L	2.8 ^{#13}	-	<1	<1	<1	<100	<1	<1	---	---
1,1-dichloroethene	µg/L	140 ^{#14}	-	<1	<1	<1	<100	<1	<1	---	---
1,1-dichloropropene	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
1,2,3-trichloropropane	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
1,2,4-trimethylbenzene	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
1,2-dibromo-3-chloropropane	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
1,2-dibromoethane	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#19}	<1	<1	<1	<100	<1	<1	---	---
1,2-dichloropropane	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
1,3,5-trimethylbenzene	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
1,3-dichloropropane	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
2,2-dichloropropane	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
2-chlorotoluene	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
4-chlorotoluene	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
Bromobenzene	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
Bromochloromethane	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
Bromodichloromethane	µg/L	25 ^{#15}	-	<1	<1	<1	<100	<1	<1	---	---
Bromoform	µg/L	25 ^{#15}	-	<1	<1	<1	<100	<1	<1	---	---
Bromomethane	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
Carbon disulfide	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#19}	<1	<1	<1	<100	<1	<1	---	---
Chlorodibromomethane	µg/L	25 ^{#15}	-	<1	<1	<1	<100	<1	<1	---	---
Chloroethane	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
Chloroform	µg/L	25 ^{#15}	2.5 ^{#19}	1.24	1.13	1.12	<100	<1	<1	---	---
Chloromethane	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
cis-1,2-dichloroethene	µg/L	25 ^{#16}	-	<1	<1	<1	<100	<1	<1	---	---
Dibromomethane	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
Dichlorodifluoromethane	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
Dichloromethane	µg/L	-	20 ^{#19}	<3	<3	<3	<300	<3	<3	---	---
Isopropylbenzene	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
n-butylbenzene	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
n-propylbenzene	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
p-isopropyltoluene	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
sec-butylbenzene	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
Trichloroethene	µg/L	5 ^{#17}	10 ^{#19}	<1	<1	<1	<100	<1	<1	---	---
tert-butylbenzene	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
Tetrachloroethene	µg/L	5 ^{#17}	10 ^{#19}	<1	<1	<1	<100	<1	<1	---	---
trans-1,2-dichloroethene	µg/L	25 ^{#16}	-	<1	<1	<1	<100	<1	<1	---	---
Trichlorofluoromethane	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---

Foundry Leachate Made Ground

				Matrix Description	MG	MG-C	MG-C	MG-C	MG-G	MG-G	MG-G	MG-G
				Location Code	FOU_AUK_TP105	A-BH10	A-BH10	FOU_AUK_TP125	A-BH31	A-BH31	A-BH41	FOU_AUK_TP102
				Matrix Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				Lab Report Number	704194	23-07065	23-07065	704620	23-10776	23-10776	23-18438	704620
				Date	24 Aug 2023	14 Mar 2023	14 Mar 2023	17 Aug 2023	20 Mar 2023	20 Mar 2023	27 Jul 2023	17 Aug 2023
				Depth	0.2	4.9	4.9	1	0.5	0.5	3.55	2.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS									
Vinyl chloride	µg/L	0.5 ^{#1}	-	<10	---	---	---	<10	---	---	<1	<1
tert-Amyl methyl ether	µg/L	-	-	<10	---	---	---	<10	---	---	<5	<1
VOC/SVOC												
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#34}	<10	---	---	---	<10	---	---	<1	<1
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#34}	<2	---	---	---	<2	---	---	<1	<1
1,2-dichlorobenzene	µg/L	-	6.7 ^{#35}	<2	---	---	---	<2	---	---	<1	<1
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#34}	<10	---	---	---	<10	---	---	---	<1
1,3-dichlorobenzene	µg/L	-	6.7 ^{#35}	<2	---	---	---	<2	---	---	<2	<1
1,4-dichlorobenzene	µg/L	-	6.7 ^{#35}	<2	---	---	---	<2	---	---	<1	<1
Chlorobenzene	µg/L	100 ^{#18}	-	<10	---	---	---	<10	---	---	<1	<1
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	<2	---	---	---	<2	---	---	<1	<1
SVOC												
1,4-dinitrobenzene	µg/L	-	-	---	---	---	---	---	---	---	<1	---
4-bromophenyl phenyl ether	µg/L	-	-	<2	---	---	---	<2	---	---	<1	<1
Benzyl alcohol	µg/L	-	-	---	---	---	---	---	---	---	<1	---
4-nitroaniline	µg/L	-	-	<2	---	---	---	<2	---	---	<1	<1
4-nitrophenol	µg/L	-	-	<2	---	---	---	<2	---	---	<1	<1
1,3-Dinitrobenzene	µg/L	-	-	---	---	---	---	---	---	---	<1	---
1-Methylnaphthalene	µg/L	-	-	---	---	---	---	---	---	---	<1	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	---	---	---	---	---	---	<1	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	---	---	---	---	---	---	<1	---
2,4,5-trichlorophenol	µg/L	-	-	<2	---	---	---	<2	---	---	<1	<1
2,4,6-trichlorophenol	µg/L	-	-	<2	---	---	---	<2	---	---	<0.1	<1
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	<2	---	---	---	<2	---	---	<0.1	<1
2,4-dimethylphenol	µg/L	-	-	<2	---	---	---	<2	---	---	<0.1	<1
2,4-dinitrotoluene	µg/L	-	-	<2	---	---	---	<2	---	---	<1	<1
2,6-dichlorophenol	µg/L	-	-	---	---	---	---	---	---	---	<0.1	---
2,6-Dimethylphenol	µg/L	-	-	---	---	---	---	---	---	---	<0.1	---
2,6-dinitrotoluene	µg/L	-	-	<2	---	---	---	<2	---	---	<1	<1
2-chloronaphthalene	µg/L	-	-	<2	---	---	---	<2	---	---	<1	<1
2-chlorophenol	µg/L	-	50 ^{#20}	<2	---	---	---	<2	---	---	<1	<1
2-methylnaphthalene	µg/L	-	-	<2	---	---	---	<2	---	---	<1	<1
2-methylphenol	µg/L	-	-	<2	---	---	---	<2	---	---	<1	<1
2-nitroaniline	µg/L	-	-	<2	---	---	---	<2	---	---	<1	<1
2-nitrophenol	µg/L	-	-	<2	---	---	---	<2	---	---	---	<1
3-nitroaniline	µg/L	-	-	<2	---	---	---	<2	---	---	<1	<1
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	<2	---	---	---	<2	---	---	<0.1	<1
4-chloroaniline	µg/L	-	-	<2	---	---	---	<2	---	---	---	<1
4-chlorophenyl phenyl ether	µg/L	-	-	<2	---	---	---	<2	---	---	<1	<1
4-methylphenol	µg/L	-	-	<2	---	---	---	<2	---	---	<0.1	<1
Aniline	µg/L	-	-	---	---	---	---	---	---	---	<1	---
Azobenzene	µg/L	-	-	<2	---	---	---	<2	---	---	<1	<1
Bis(2-chloroethoxy) methane	µg/L	-	-	<2	---	---	---	<2	---	---	<1	<1
Bis(2-chloroethyl)ether	µg/L	-	-	<2	---	---	---	<2	---	---	---	<1
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	---	---	---	---	<1	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	<4	---	---	---	<4	---	---	<1	<2
Bis(2-ethylhexyl)ester	µg/L	-	-	---	---	---	---	---	---	---	<1	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	<2	---	---	---	<2	---	---	<1	<1
Carbazole	µg/L	-	-	<2	---	---	---	<2	---	---	<1	<1
Dibenzofuran	µg/L	-	-	<2	---	---	---	<2	---	---	<1	<1
Diethylphthalate	µg/L	-	200 ^{#20}	<2	---	---	---	<2	---	---	<1	<1
Dimethyl phthalate	µg/L	-	800 ^{#20}	<2	---	---	---	<2	---	---	<1	<1
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	<2	---	---	---	<2	---	---	<1	<1
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	<10	---	---	---	<10	---	---	<1	<5
Diphenylamine	µg/L	-	-	---	---	---	---	---	---	---	<1	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	<2	---	---	---	<2	---	---	<1	<1
Hexachlorocyclopentadiene	µg/L	-	-	<2	---	---	---	<2	---	---	<1	<1
Hexachloroethane	µg/L	-	-	<2	---	---	---	<2	---	---	---	<1
Isophorone	µg/L	-	-	<2	---	---	---	<2	---	---	---	<1
Nitrobenzene	µg/L	-	-	<2	---	---	---	<2	---	---	---	<1
N-nitrosodi-n-propylamine	µg/L	-	-	<2	---	---	---	<2	---	---	---	<1
Pentachlorophenol	µg/L	-	0.4 ^{#19}	<2	---	---	---	<2	---	---	<1	<1
PCB												
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---	---	---	---	---	---	---	---

Foundry Leachate Made Ground

Matrix Description				MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code				FOU_AUK_TP103	FOU_AUK_TP127	FOU_AUK_TP128	FOU_AUK_TP131	S1-BH10	S1-BH10	S1-BH10
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				704194	704194	704620	702516	20211022 ARC SS11-SS12		20211022 ARC SS11-SS12
Date				24 Aug 2023	24 Aug 2023	18 Aug 2023	16 Aug 2023	17 Oct 2017	17 Oct 2017	17 Oct 2017
Depth				1	2	2	1.5	1.5	1.5 - 1.5	4.5 - 4.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Vinyl chloride	µg/L	0.5 ^{#1}	-	<10	<10	<100	<10	---	---	---
tert-Amyl methyl ether	µg/L	-	-	<10	<10	<100	<10	---	---	---
VOC/SVOC										
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#34}	<10	<10	<100	<10	---	---	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#34}	<2	<2	<2	<2	---	---	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#35}	<2	<2	<2	<2	---	---	---
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#34}	<10	<10	<100	<10	---	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#35}	<2	<2	<2	<2	---	---	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#35}	<2	<2	<2	<2	---	---	---
Chlorobenzene	µg/L	100 ^{#18}	-	<10	<10	<100	<10	---	---	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	<2	<2	<2	<2	---	---	---
SVOC										
1,4-dinitrobenzene	µg/L	-	-	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	µg/L	-	-	<2	<2	<2	<2	---	---	---
Benzyl alcohol	µg/L	-	-	---	---	---	---	---	---	---
4-nitroaniline	µg/L	-	-	<2	<2	<2	<2	---	---	---
4-nitrophenol	µg/L	-	-	<2	<2	<2	<2	---	---	---
1,3-Dinitrobenzene	µg/L	-	-	---	---	---	---	---	---	---
1-Methylnaphthalene	µg/L	-	-	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	---	---	---	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	<2	<2	<2	<2	---	---	---
2,4,6-trichlorophenol	µg/L	-	-	<2	<2	<2	<2	---	---	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	<2	<2	<2	<2	---	---	---
2,4-dimethylphenol	µg/L	-	-	<2	<2	<2	<2	---	---	---
2,4-dinitrotoluene	µg/L	-	-	<2	<2	<2	<2	---	---	---
2,6-dichlorophenol	µg/L	-	-	---	---	---	---	---	---	---
2,6-Dimethylphenol	µg/L	-	-	---	---	---	---	---	---	---
2,6-dinitrotoluene	µg/L	-	-	<2	<2	<2	<2	---	---	---
2-chloronaphthalene	µg/L	-	-	<2	<2	<2	<2	---	---	---
2-chlorophenol	µg/L	-	50 ^{#20}	<2	<2	<2	<2	---	---	---
2-methylnaphthalene	µg/L	-	-	<2	<2	<2	<2	---	---	---
2-methylphenol	µg/L	-	-	<2	<2	<2	<2	---	---	---
2-nitroaniline	µg/L	-	-	<2	<2	<2	<2	---	---	---
2-nitrophenol	µg/L	-	-	<2	<2	<2	<2	---	---	---
3-nitroaniline	µg/L	-	-	<2	<2	<2	<2	---	---	---
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	<2	<2	<2	<2	---	---	---
4-chloroaniline	µg/L	-	-	<2	<2	<2	<2	---	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	<2	<2	<2	<2	---	---	---
4-methylphenol	µg/L	-	-	<2	<2	<2	<2	---	---	---
Aniline	µg/L	-	-	---	---	---	---	---	---	---
Azobenzene	µg/L	-	-	<2	<2	<2	<2	---	---	---
Bis(2-chloroethoxy) methane	µg/L	-	-	<2	<2	<2	<2	---	---	---
Bis(2-chloroethyl)ether	µg/L	-	-	<2	<2	<2	<2	---	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	<4	<4	<4	<4	---	---	---
Bis(2-ethylhexyl)ester	µg/L	-	-	---	---	---	---	---	---	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	<2	<2	<2	<2	---	---	---
Carbazole	µg/L	-	-	<2	<2	<2	<2	---	---	---
Dibenzofuran	µg/L	-	-	<2	<2	<2	<2	---	---	---
Diethylphthalate	µg/L	-	200 ^{#20}	<2	<2	<2	<2	---	---	---
Dimethyl phthalate	µg/L	-	800 ^{#20}	<2	<2	<2	<2	---	---	---
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	<2	<2	<2	<2	---	---	---
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	<10	<10	<10	<10	---	---	---
Diphenylamine	µg/L	-	-	---	---	---	---	---	---	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	<2	<2	<2	<2	---	---	---
Hexachlorocyclopentadiene	µg/L	-	-	<2	<2	<2	<2	---	---	---
Hexachloroethane	µg/L	-	-	<2	<2	<2	<2	---	---	---
Isophorone	µg/L	-	-	<2	<2	<2	<2	---	---	---
Nitrobenzene	µg/L	-	-	<2	<2	<2	<2	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	<2	<2	<2	<2	---	---	---
Pentachlorophenol	µg/L	-	0.4 ^{#19}	<2	<2	<2	<2	---	---	---
PCB										
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---	---	---	---	---	---

Foundry Leachate Made Ground

				Matrix Description	MG-G	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
				Location Code	S1-TPE56	A-BH10	A-BH25	A-BH25	A-BH39	A-BH39	FOU_AUK_TP101	MG-SLAG
				Matrix Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	MG-SLAG
				Lab Report Number		23-07065	23-05120	23-05120	23-07539	23-07539	704620	MG-SLAG
				Date	13 Mar 2017	14 Mar 2023	23 Feb 2023	23 Feb 2023	23 Mar 2023	23 Mar 2023	18 Aug 2023	MG-SLAG
				Depth	2.6	0.5	0.2	0.2	0.9	5.1	2	MG-SLAG
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS									
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	---	---	---	---	---	---	<1	---
tert-Amyl methyl ether	µg/L	-	-	---	---	---	---	---	---	---	<1	---
VOC/SVOC												
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#34}	---	---	---	---	---	---	---	<1	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#34}	---	---	---	---	---	---	---	<1	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#35}	---	---	---	---	---	---	---	<1	---
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#34}	---	---	---	---	---	---	---	<1	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#35}	---	---	---	---	---	---	---	<1	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#35}	---	---	---	---	---	---	---	<1	---
Chlorobenzene	µg/L	100 ^{#18}	-	---	---	---	---	---	---	---	<1	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	---	---	---	---	---	---	---	<1	---
SVOC												
1,4-dinitrobenzene	µg/L	-	-	---	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	µg/L	-	-	---	---	---	---	---	---	---	<2	---
Benzyl alcohol	µg/L	-	-	---	---	---	---	---	---	---	---	---
4-nitroaniline	µg/L	-	-	---	---	---	---	---	---	---	<2	---
4-nitrophenol	µg/L	-	-	---	---	---	---	---	---	---	<2	---
1,3-Dinitrobenzene	µg/L	-	-	---	---	---	---	---	---	---	---	---
1-Methylnaphthalene	µg/L	-	-	---	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	---	---	---	---	---	---	---	<2	---
2,4,6-trichlorophenol	µg/L	-	-	---	---	---	---	---	---	---	<2	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	---	---	---	---	---	---	---	<2	---
2,4-dimethylphenol	µg/L	-	-	---	---	---	---	---	---	---	<2	---
2,4-dinitrotoluene	µg/L	-	-	---	---	---	---	---	---	---	<2	---
2,6-dichlorophenol	µg/L	-	-	---	---	---	---	---	---	---	---	---
2,6-Dimethylphenol	µg/L	-	-	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	µg/L	-	-	---	---	---	---	---	---	---	<2	---
2-chloronaphthalene	µg/L	-	-	---	---	---	---	---	---	---	<2	---
2-chlorophenol	µg/L	-	50 ^{#20}	---	---	---	---	---	---	---	<2	---
2-methylnaphthalene	µg/L	-	-	---	---	---	---	---	---	---	<2	---
2-methylphenol	µg/L	-	-	---	---	---	---	---	---	---	<2	---
2-nitroaniline	µg/L	-	-	---	---	---	---	---	---	---	<2	---
2-nitrophenol	µg/L	-	-	---	---	---	---	---	---	---	<2	---
3-nitroaniline	µg/L	-	-	---	---	---	---	---	---	---	<2	---
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	---	---	---	---	---	---	---	<2	---
4-chloroaniline	µg/L	-	-	---	---	---	---	---	---	---	<2	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	---	---	---	---	---	---	<2	---
4-methylphenol	µg/L	-	-	---	---	---	---	---	---	---	<2	---
Aniline	µg/L	-	-	---	---	---	---	---	---	---	---	---
Azobenzene	µg/L	-	-	---	---	---	---	---	---	---	<2	---
Bis(2-chloroethoxy) methane	µg/L	-	-	---	---	---	---	---	---	---	<2	---
Bis(2-chloroethyl)ether	µg/L	-	-	---	---	---	---	---	---	---	<2	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	---	---	---	---	---	---	---	<4	---
Bis(2-ethylhexyl)ester	µg/L	-	-	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	---	---	---	---	---	---	---	<2	---
Carbazole	µg/L	-	-	---	---	---	---	---	---	---	<2	---
Dibenzofuran	µg/L	-	-	---	---	---	---	---	---	---	<2	---
Diethylphthalate	µg/L	-	200 ^{#20}	---	---	---	---	---	---	---	<2	---
Dimethyl phthalate	µg/L	-	800 ^{#20}	---	---	---	---	---	---	---	<2	---
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	---	---	---	---	---	---	---	<2	---
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	---	---	---	---	---	---	---	<10	---
Diphenylamine	µg/L	-	-	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	---	---	---	---	---	---	---	<2	---
Hexachlorocyclopentadiene	µg/L	-	-	---	---	---	---	---	---	---	<2	---
Hexachloroethane	µg/L	-	-	---	---	---	---	---	---	---	<2	---
Isophorone	µg/L	-	-	---	---	---	---	---	---	---	<2	---
Nitrobenzene	µg/L	-	-	---	---	---	---	---	---	---	<2	---
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	---	---	---	---	---	<2	---
Pentachlorophenol	µg/L	-	0.4 ^{#19}	---	---	---	---	---	---	---	<2	---
PCB												
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---	---	---	---	---	---	---	---

Foundry Leachate Made Ground

Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				FOU_AUK_TP104	FOU_AUK_TP105	FOU_AUK_TP107	FOU_AUK_TP118	FOU_AUK_TP127B	FOU_AUK_TP129	S1-TPE37	S1-TPF14
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				704620	704194	705249	704765	705249	704620		
Date				17 Aug 2023	24 Aug 2023	25 Aug 2023	30 Aug 2023	25 Aug 2023	18 Aug 2023	14 Mar 2017	15 Mar 2017
Depth				2	2	0.5	1	1	2.5	3	1
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Vinyl chloride	µg/L	0.5 ^{#1}	-	<1	<1	<1	<100	<1	<1	---	---
tert-Amyl methyl ether	µg/L	-	-	<1	<1	<1	<100	<1	<1	---	---
VOC/SVOC											
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#34}	<1	<1	<1	<100	<1	<1	---	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#34}	<1	<1	<1	<2	<1	<1	---	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#35}	<1	<1	<1	<2	<1	<1	---	---
1,3,5-Trichlorobenzene	µg/L	-	0.13 ^{#34}	<1	<1	<1	<100	<1	<1	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#35}	<1	<1	<1	<2	<1	<1	---	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#35}	<1	<1	<1	<2	<1	<1	---	---
Chlorobenzene	µg/L	100 ^{#18}	-	<1	<1	<1	<100	<1	<1	---	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#24}	<1	<1	<1	<2	<1	<1	---	---
SVOC											
1,4-dinitrobenzene	µg/L	-	-	---	---	---	---	---	---	---	---
4-bromophenyl phenyl ether	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
Benzyl alcohol	µg/L	-	-	---	---	---	---	---	---	---	---
4-nitroaniline	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
4-nitrophenol	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
1,3-Dinitrobenzene	µg/L	-	-	---	---	---	---	---	---	---	---
1-Methylnaphthalene	µg/L	-	-	---	---	---	---	---	---	---	---
2,3,4,6-tetrachlorophenol	µg/L	-	-	---	---	---	---	---	---	---	---
2,3,5,6-Tetrachlorophenol	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
2,4,6-trichlorophenol	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#19}	<2	<1	<2	<2	<2	<2	---	---
2,4-dimethylphenol	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
2,4-dinitrotoluene	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
2,6-dichlorophenol	µg/L	-	-	---	---	---	---	---	---	---	---
2,6-Dimethylphenol	µg/L	-	-	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
2-chloronaphthalene	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
2-chlorophenol	µg/L	-	50 ^{#20}	<2	<1	<2	<2	<2	<2	---	---
2-methylnaphthalene	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
2-methylphenol	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
2-nitroaniline	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
2-nitrophenol	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
3-nitroaniline	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#20}	<2	<1	<2	<2	<2	<2	---	---
4-chloroaniline	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
4-methylphenol	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
Aniline	µg/L	-	-	---	---	---	---	---	---	---	---
Azobenzene	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
Bis(2-chloroethoxy) methane	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
Bis(2-chloroethyl)ether	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#19}	<4	<2	<4	<4	<4	<4	---	---
Bis(2-ethylhexyl)ester	µg/L	-	-	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#19}	<2	<1	<2	<2	<2	<2	---	---
Carbazole	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
Dibenzofuran	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
Diethylphthalate	µg/L	-	200 ^{#20}	<2	<2	<2	<2	<2	<2	---	---
Dimethyl phthalate	µg/L	-	800 ^{#20}	<2	<1	<2	<2	<2	<2	---	---
Di-n-butyl phthalate	µg/L	-	8 ^{#20}	<2	<1	<2	<2	<2	<2	---	---
Di-n-octyl phthalate	µg/L	-	20 ^{#20}	<10	<5	<10	<10	<10	<10	---	---
Diphenylamine	µg/L	-	-	---	---	---	---	---	---	---	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#24}	<2	<1	<2	<2	<2	<2	---	---
Hexachlorocyclopentadiene	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
Hexachloroethane	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
Isophorone	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
Nitrobenzene	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	<2	<1	<2	<2	<2	<2	---	---
Pentachlorophenol	µg/L	-	0.4 ^{#19}	<2	<1	<2	<2	<2	<2	---	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	µg/L	-	-	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	µg/L	-	-	---	---	---	---	---	---	---	---

Foundry Leachate Made Ground

Matrix Description	MG	MG-C	MG-C	MG-C	MG-G	MG-G	MG-G	MG-G
Location Code	FOU_AUK_TP105	A-BH10	A-BH10	FOU_AUK_TP125	A-BH31	A-BH31	A-BH41	FOU_AUK_TP102
Matrix Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number	704194	23-07065	23-07065	704620	23-10776	23-10776	23-18438	704620
Date	24 Aug 2023	14 Mar 2023	14 Mar 2023	17 Aug 2023	20 Mar 2023	20 Mar 2023	27 Jul 2023	17 Aug 2023
Depth	0.2	4.9	4.9	1	0.5	0.5	3.55	2.5

	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 12	mg/L	-	-	---	---	---	---	---	---	---	---
PCB 101	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 118 + PCB 123	mg/L	-	-	---	---	---	---	---	---	---	---
PCB 138	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 153	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 180	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/L	-	-	---	---	---	---	---	---	---	---
PCB 52	µg/L	-	-	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-	---	---	---	---	---	---	---	---
Total PCB WHO 12	µg/L	-	-	---	---	---	---	---	---	---	---
Phenolics											
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	---	---	---	<1	---
Phenol	µg/L	5,800 ^{#13}	7.7 ^{#19}	<2	---	---	<2	---	---	<0.1	<1
Phenols Monohydric	µg/L	-	-	---	<100	---	---	<100	---	<100	---
Organotins											
Dibutyltin	µg/L	-	-	---	---	---	---	---	---	---	---
Tetrabutyltin	µg/L	-	-	---	---	---	---	---	---	---	---
Tributyltin	µg/L	-	0.0002 ^{#19}	---	---	---	---	---	---	---	---
Triphenyltin	µg/L	-	0.0002 (MAC) ^{#36}	---	---	---	---	---	---	---	---
Glycols											
1,3-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
1,3-Propanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
1,4-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Diethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Ethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Propylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Triethylene Glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Pesticides											
Heptachlor epoxide	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---	---
Simetryn	mg/L	-	-	---	---	---	---	---	---	---	---
Tokuthion	µg/L	-	-	---	---	---	---	---	---	---	---
Secbumeton	µg/L	-	-	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-Dichlorophenoxy Acetic Acid (D)	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-Dichloroprop	µg/L	-	-	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	µg/L	-	-	---	---	---	---	---	---	---	---
4,4-DDE	µg/L	-	0.00625 ^{#37}	---	---	---	---	---	---	---	---
a-BHC	µg/L	-	-	---	---	---	---	---	---	---	---
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---	---
Ametryn	µg/L	-	-	---	---	---	---	---	---	---	---
Actril (loxynil)	µg/L	-	10 ^{#20}	---	---	---	---	---	---	---	---
Atraton	µg/L	-	-	---	---	---	---	---	---	---	---
Atrazine	µg/L	-	0.6 ^{#19}	---	---	---	---	---	---	---	---
Azinophos methyl	µg/L	-	0.01 ^{#28}	---	---	---	---	---	---	---	---
b-BHC	µg/L	-	-	---	---	---	---	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	---	---	---	---	---
Bentazone	µg/L	-	500 ^{#20}	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	µg/L	-	-	---	---	---	---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	---	---	---	---
gamma-Chlordane	µg/L	-	-	---	---	---	---	---	---	---	---

Foundry Leachate Made Ground

Matrix Description	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code	FOU_AUK_TP103	FOU_AUK_TP127	FOU_AUK_TP128	FOU_AUK_TP131	S1-BH10	S1-BH10	S1-BH10
Matrix Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number	704194	704194	704620	702516		20211022 ARC SS11-SS12	20211022 ARC SS11-SS12
Date	24 Aug 2023	24 Aug 2023	18 Aug 2023	16 Aug 2023	17 Oct 2017	17 Oct 2017	17 Oct 2017
Depth	1	2	2	1.5	1.5	1.5 - 1.5	4.5 - 4.5

	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---	---	---	---	---	---
PCB 12	mg/L	-	-	---	---	---	---	---	---	---
PCB 101	µg/L	-	-	---	---	---	---	---	---	---
PCB 118 + PCB 123	mg/L	-	-	---	---	---	---	---	---	---
PCB 138	µg/L	-	-	---	---	---	---	---	---	---
PCB 153	µg/L	-	-	---	---	---	---	---	---	---
PCB 180	µg/L	-	-	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/L	-	-	---	---	---	---	---	---	---
PCB 52	µg/L	-	-	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---	---	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-	---	---	---	---	---	---	---
Total PCB WHO 12	µg/L	-	-	---	---	---	---	---	---	---
Phenolics										
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	---	---	---	---
Phenol	µg/L	5,800 ^{#13}	7.7 ^{#19}	<2	<2	<2	<2	---	---	---
Phenols Monohydric	µg/L	-	-	---	---	---	---	<0.5	---	---
Organotins										
Dibutyltin	µg/L	-	-	---	---	---	---	---	---	---
Tetrabutyltin	µg/L	-	-	---	---	---	---	---	---	---
Tributyltin	µg/L	-	0.0002 ^{#19}	---	---	---	---	---	---	---
Triphenyltin	µg/L	-	0.0002 (MAC) ^{#36}	---	---	---	---	---	---	---
Glycols										
1,3-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---
1,3-Propanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---
1,4-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Diethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Ethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Propylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Triethylene Glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Pesticides										
Heptachlor epoxide	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---
Simetryn	mg/L	-	-	---	---	---	---	---	---	---
Tokuthion	µg/L	-	-	---	---	---	---	---	---	---
Secbumeton	µg/L	-	-	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---	---	---
2,4-Dichlorophenoxy Acetic Acid (D)	µg/L	-	-	---	---	---	---	---	---	---
2,4-Dichloroprop	µg/L	-	-	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	µg/L	-	-	---	---	---	---	---	---	---
4,4-DDE	µg/L	-	0.00625 ^{#37}	---	---	---	---	---	---	---
a-BHC	µg/L	-	-	---	---	---	---	---	---	---
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---
Ametryn	µg/L	-	-	---	---	---	---	---	---	---
Actril (loxynil)	µg/L	-	10 ^{#20}	---	---	---	---	---	---	---
Atraton	µg/L	-	-	---	---	---	---	---	---	---
Atrazine	µg/L	-	0.6 ^{#19}	---	---	---	---	---	---	---
Azinophos methyl	µg/L	-	0.01 ^{#28}	---	---	---	---	---	---	---
b-BHC	µg/L	-	-	---	---	---	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	---	---	---	---
Bentazone	µg/L	-	500 ^{#20}	---	---	---	---	---	---	---
Bolstar (Sulprofos)	µg/L	-	-	---	---	---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	---	---	---
gamma-Chlordane	µg/L	-	-	---	---	---	---	---	---	---

Foundry Leachate Made Ground

				Matrix Description	MG-G	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
				Location Code	S1-TPE56	A-BH10	A-BH25	A-BH25	A-BH39	A-BH39	FOU_AUK_TP101	FOU_AUK_TP101
				Matrix Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				Lab Report Number		23-07065	23-05120	23-05120	23-07539	23-07539	704620	704620
				Date	13 Mar 2017	14 Mar 2023	23 Feb 2023	23 Feb 2023	23 Mar 2023	23 Mar 2023	18 Aug 2023	18 Aug 2023
				Depth	2.6	0.5	0.2	0.2	0.9	5.1	2	2
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS									
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---	---	---	---	---	---	---	---
PCB 12	mg/L	-	-	---	---	---	---	---	---	---	---	---
PCB 101	µg/L	-	-	---	---	---	---	---	---	---	---	---
PCB 118 + PCB 123	mg/L	-	-	---	---	---	---	---	---	---	---	---
PCB 138	µg/L	-	-	---	---	---	---	---	---	---	---	---
PCB 153	µg/L	-	-	---	---	---	---	---	---	---	---	---
PCB 180	µg/L	-	-	---	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/L	-	-	---	---	---	---	---	---	---	---	---
PCB 52	µg/L	-	-	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-	---	---	---	---	---	---	---	---	---
Total PCB WHO 12	µg/L	-	-	---	---	---	---	---	---	---	---	---
Phenolics												
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Phenol	µg/L	5,800 ^{#13}	7.7 ^{#19}	---	---	---	---	---	---	---	<2	---
Phenols Monohydric	µg/L	-	-	---	---	---	<100	---	---	---	---	---
Organotins												
Dibutyltin	µg/L	-	-	---	---	---	---	---	---	---	---	---
Tetrabutyltin	µg/L	-	-	---	---	---	---	---	---	---	---	---
Tributyltin	µg/L	-	0.0002 ^{#19}	---	---	---	---	---	---	---	---	---
Triphenyltin	µg/L	-	0.0002 (MAC) ^{#36}	---	---	---	---	---	---	---	---	---
Glycols												
1,3-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	---
1,3-Propanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	---
1,4-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Diethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Ethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Propylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Triethylene Glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Pesticides												
Heptachlor epoxide	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---	---	---
Simetryn	mg/L	-	-	---	---	---	---	---	---	---	---	---
Tokuthion	µg/L	-	-	---	---	---	---	---	---	---	---	---
Secbumeton	µg/L	-	-	---	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---	---	---	---	---
2,4-Dichlorophenoxy Acetic Acid (D)	µg/L	-	-	---	---	---	---	---	---	---	---	---
2,4-Dichloroprop	µg/L	-	-	---	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	µg/L	-	-	---	---	---	---	---	---	---	---	---
4,4-DDE	µg/L	-	0.00625 ^{#37}	---	---	---	---	---	---	---	---	---
a-BHC	µg/L	-	-	---	---	---	---	---	---	---	---	---
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---	---	---
Ametryn	µg/L	-	-	---	---	---	---	---	---	---	---	---
Actril (loxynil)	µg/L	-	10 ^{#20}	---	---	---	---	---	---	---	---	---
Atraton	µg/L	-	-	---	---	---	---	---	---	---	---	---
Atrazine	µg/L	-	0.6 ^{#19}	---	---	---	---	---	---	---	---	---
Azinophos methyl	µg/L	-	0.01 ^{#28}	---	---	---	---	---	---	---	---	---
b-BHC	µg/L	-	-	---	---	---	---	---	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	---	---	---	---	---	---
Bentazone	µg/L	-	500 ^{#20}	---	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	---	---	---	---	---
gamma-Chlordane	µg/L	-	-	---	---	---	---	---	---	---	---	---

Foundry Leachate Made Ground

Matrix Description	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code	FOU_AUK_TP104	FOU_AUK_TP105	FOU_AUK_TP107	FOU_AUK_TP118	FOU_AUK_TP127B	FOU_AUK_TP129	S1-TPE37	S1-TPF14
Matrix Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number	704620	704194	705249	704765	705249	704620		
Date	17 Aug 2023	24 Aug 2023	25 Aug 2023	30 Aug 2023	25 Aug 2023	18 Aug 2023	14 Mar 2017	15 Mar 2017
Depth	2	2	0.5	1	1	2.5	3	1

	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	µg/L	-	-	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	µg/L	-	-	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 12	mg/L	-	-	---	---	---	---	---	---	---	---
PCB 101	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 118 + PCB 123	mg/L	-	-	---	---	---	---	---	---	---	---
PCB 138	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 153	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 180	µg/L	-	-	---	---	---	---	---	---	---	---
PCB 28 + PCB 31	mg/L	-	-	---	---	---	---	---	---	---	---
PCB 52	µg/L	-	-	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	µg/L	-	-	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	µg/L	-	-	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	µg/L	-	-	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	µg/L	-	-	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	µg/L	-	-	---	---	---	---	---	---	---	---
Total PCB 7 Congeners	µg/L	-	-	---	---	---	---	---	---	---	---
Total PCB WHO 12	µg/L	-	-	---	---	---	---	---	---	---	---
Phenolics											
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	---	---	---	---	---
Phenol	µg/L	5,800 ^{#13}	7.7 ^{#19}	<2	<1	<2	<2	<2	<2	---	---
Phenols Monohydric	µg/L	-	-	---	---	---	---	---	---	---	---
Organotins											
Dibutyltin	µg/L	-	-	---	---	---	---	---	---	---	---
Tetrabutyltin	µg/L	-	-	---	---	---	---	---	---	---	---
Tributyltin	µg/L	-	0.0002 ^{#19}	---	---	---	---	---	---	---	---
Triphenyltin	µg/L	-	0.0002 (MAC) ^{#36}	---	---	---	---	---	---	---	---
Glycols											
1,3-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
1,3-Propanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
1,4-Butanediol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Diethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Ethylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Propylene glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Triethylene Glycol (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Pesticides											
Heptachlor epoxide	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---	---
Simetryn	mg/L	-	-	---	---	---	---	---	---	---	---
Tokuthion	µg/L	-	-	---	---	---	---	---	---	---	---
Secbumeton	µg/L	-	-	---	---	---	---	---	---	---	---
2,3,6-Trichlorobenzoic Acid (Tba)	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-Trichlorophenoxy Acetic Acid	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-TP (Silvex)	µg/L	-	-	---	---	---	---	---	---	---	---
Hedonal	µg/L	-	0.3 ^{#19}	---	---	---	---	---	---	---	---
2,4-dichlorophenoxybutanoic acid	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-Dichlorophenoxy Acetic Acid (D)	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-Dichloroprop	µg/L	-	-	---	---	---	---	---	---	---	---
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	µg/L	-	-	---	---	---	---	---	---	---	---
4,4-DDE	µg/L	-	0.00625 ^{#37}	---	---	---	---	---	---	---	---
a-BHC	µg/L	-	-	---	---	---	---	---	---	---	---
Aldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---	---
Ametryn	µg/L	-	-	---	---	---	---	---	---	---	---
Actril (loxynil)	µg/L	-	10 ^{#20}	---	---	---	---	---	---	---	---
Atraton	µg/L	-	-	---	---	---	---	---	---	---	---
Atrazine	µg/L	-	0.6 ^{#19}	---	---	---	---	---	---	---	---
Azinophos methyl	µg/L	-	0.01 ^{#28}	---	---	---	---	---	---	---	---
b-BHC	µg/L	-	-	---	---	---	---	---	---	---	---
Benazolin	µg/L	-	-	---	---	---	---	---	---	---	---
Bentazone	µg/L	-	500 ^{#20}	---	---	---	---	---	---	---	---
Bolstar (Sulprofos)	µg/L	-	-	---	---	---	---	---	---	---	---
Bromoxynil	µg/L	-	100 ^{#20}	---	---	---	---	---	---	---	---
gamma-Chlordane	µg/L	-	-	---	---	---	---	---	---	---	---

Foundry Leachate Made Ground

Matrix Description				MG	MG-C	MG-C	MG-C	MG-G	MG-G	MG-G	MG-G
Location Code				FOU_AUK_TP105	A-BH10	A-BH10	FOU_AUK_TP125	A-BH31	A-BH31	A-BH41	FOU_AUK_TP102
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				704194	23-07065	23-07065	704620	23-10776	23-10776	23-18438	704620
Date				24 Aug 2023	14 Mar 2023	14 Mar 2023	17 Aug 2023	20 Mar 2023	20 Mar 2023	27 Jul 2023	17 Aug 2023
Depth				0.2	4.9	4.9	1	0.5	0.5	3.55	2.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Chlorpyrifos	µg/L	-	0.03 ^{#19}	---	---	---	---	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---	---	---	---	---
Coumaphos	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---	---
gamma-HCH	µg/L	-	-	---	---	---	---	---	---	---	---
d-BHC	µg/L	-	-	---	---	---	---	---	---	---	---
DDT	µg/L	-	0.01 ^{#39}	---	---	---	---	---	---	---	---
Demeton-O	µg/L	-	-	---	---	---	---	---	---	---	---
Demeton-S	µg/L	-	-	---	---	---	---	---	---	---	---
Diazinon	µg/L	-	0.01 ^{#19}	---	---	---	---	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	---	---	---	---	---
Dichlorvos	µg/L	-	0.04 ^{#20}	---	---	---	---	---	---	---	---
Dieldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---	---
Disulfoton	µg/L	-	-	---	---	---	---	---	---	---	---
Endosulfan I	µg/L	-	-	---	---	---	---	---	---	---	---
Endosulfan II	µg/L	-	-	---	---	---	---	---	---	---	---
Endosulfan sulphate	µg/L	-	-	---	---	---	---	---	---	---	---
Endrin	µg/L	-	0.00125 ^{#38}	---	---	---	---	---	---	---	---
Endrin aldehyde	µg/L	-	-	---	---	---	---	---	---	---	---
Endrin ketone	µg/L	-	-	---	---	---	---	---	---	---	---
Ethoprop	µg/L	-	-	---	---	---	---	---	---	---	---
Fensulfothion	µg/L	-	-	---	---	---	---	---	---	---	---
Fenthion	µg/L	-	-	---	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---	---
g-BHC (Lindane)	µg/L	-	-	---	---	---	---	---	---	---	---
Heptachlor	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---	---
Merphos	µg/L	-	-	---	---	---	---	---	---	---	---
Methoxychlor	µg/L	-	-	---	---	---	---	---	---	---	---
Methyl parathion	µg/L	-	-	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	µg/L	-	-	---	---	---	---	---	---	---	---
Naled (Dibrom)	µg/L	-	-	---	---	---	---	---	---	---	---
Phorate	µg/L	-	-	---	---	---	---	---	---	---	---
Picloram	µg/L	-	-	---	---	---	---	---	---	---	---
Prometon	µg/L	-	-	---	---	---	---	---	---	---	---
Prometryn	µg/L	-	-	---	---	---	---	---	---	---	---
Propazine	µg/L	-	-	---	---	---	---	---	---	---	---
Ronnel	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---	---
Simazine	µg/L	-	1 ^{#19}	---	---	---	---	---	---	---	---
Stirophos	µg/L	-	-	---	---	---	---	---	---	---	---
Terbutryn	µg/L	-	-	---	---	---	---	---	---	---	---
Terbutylazine	µg/L	-	-	---	---	---	---	---	---	---	---
Trichloronate	µg/L	-	-	---	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---	---
SVOC TIC											
SVOC Tentatively Identified Compounds	µg/L	-	-	<20	---	---	<20	---	---	---	<10
VOC TIC											
VOC Tentatively Identified Compounds	µg/L	-	-	1,000	---	---	1,000	---	---	---	1,000
Other											
Dissolved Organic Carbon (filtered)	µg/L	-	-	---	4,900	---	---	2,900	---	7,100	---
Electrical conductivity *(lab)	µS/cm	-	-	120	---	---	127	---	---	---	265
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#40}	8.78	11.3	---	8.65	9	---	12.1	10.3
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#40}	8.79	---	---	8.65	---	---	---	10.3

Foundry Leachate Made Ground

Matrix Description				MG-G	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Location Code				FOU_AUK_TP103	FOU_AUK_TP127	FOU_AUK_TP128	FOU_AUK_TP131	S1-BH10	S1-BH10	S1-BH10
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				704194	704194	704620	702516	20211022 ARC SS11-SS12		20211022 ARC SS11-SS12
Date				24 Aug 2023	24 Aug 2023	18 Aug 2023	16 Aug 2023	17 Oct 2017	17 Oct 2017	17 Oct 2017
Depth				1	2	2	1.5	1.5	1.5 - 1.5	4.5 - 4.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Chlorpyrifos	µg/L	-	0.03 ^{#19}	---	---	---	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---	---	---	---
Coumaphos	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---
gamma-HCH	µg/L	-	-	---	---	---	---	---	---	---
d-BHC	µg/L	-	-	---	---	---	---	---	---	---
DDT	µg/L	-	0.01 ^{#39}	---	---	---	---	---	---	---
Demeton-O	µg/L	-	-	---	---	---	---	---	---	---
Demeton-S	µg/L	-	-	---	---	---	---	---	---	---
Diazinon	µg/L	-	0.01 ^{#19}	---	---	---	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	---	---	---	---
Dichlorvos	µg/L	-	0.04 ^{#20}	---	---	---	---	---	---	---
Dieldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---
Disulfoton	µg/L	-	-	---	---	---	---	---	---	---
Endosulfan I	µg/L	-	-	---	---	---	---	---	---	---
Endosulfan II	µg/L	-	-	---	---	---	---	---	---	---
Endosulfan sulphate	µg/L	-	-	---	---	---	---	---	---	---
Endrin	µg/L	-	0.00125 ^{#38}	---	---	---	---	---	---	---
Endrin aldehyde	µg/L	-	-	---	---	---	---	---	---	---
Endrin ketone	µg/L	-	-	---	---	---	---	---	---	---
Ethoprop	µg/L	-	-	---	---	---	---	---	---	---
Fensulfothion	µg/L	-	-	---	---	---	---	---	---	---
Fenthion	µg/L	-	-	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---
g-BHC (Lindane)	µg/L	-	-	---	---	---	---	---	---	---
Heptachlor	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---
Merphos	µg/L	-	-	---	---	---	---	---	---	---
Methoxychlor	µg/L	-	-	---	---	---	---	---	---	---
Methyl parathion	µg/L	-	-	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	µg/L	-	-	---	---	---	---	---	---	---
Naled (Dibrom)	µg/L	-	-	---	---	---	---	---	---	---
Phorate	µg/L	-	-	---	---	---	---	---	---	---
Picloram	µg/L	-	-	---	---	---	---	---	---	---
Prometon	µg/L	-	-	---	---	---	---	---	---	---
Prometryn	µg/L	-	-	---	---	---	---	---	---	---
Propazine	µg/L	-	-	---	---	---	---	---	---	---
Ronnel	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---
Simazine	µg/L	-	1 ^{#19}	---	---	---	---	---	---	---
Stirophos	µg/L	-	-	---	---	---	---	---	---	---
Terbutryn	µg/L	-	-	---	---	---	---	---	---	---
Terbutylazine	µg/L	-	-	---	---	---	---	---	---	---
Trichloronate	µg/L	-	-	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---
SVOC TIC										
SVOC Tentatively Identified Compounds	µg/L	-	-	<20	22.3	<20	<20	---	---	---
VOC TIC										
VOC Tentatively Identified Compounds	µg/L	-	-	1,000	1,000	1,000	1,000	---	---	---
Other										
Dissolved Organic Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Electrical conductivity *(lab)	µS/cm	-	-	1,360	1,600	7,210	770	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#40}	12.1	12.2	12.7	11.6	6.9	---	---
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#40}	12.1	12.2	12.7	11.6	---	---	---

Foundry Leachate Made Ground

				Matrix Description	MG-G	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
				Location Code	S1-TPE56	A-BH10	A-BH25	A-BH25	A-BH39	A-BH39	FOU_AUK_TP101	FOU_AUK_TP101
				Matrix Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				Lab Report Number		23-07065	23-05120	23-05120	23-07539	23-07539	704620	704620
				Date	13 Mar 2017	14 Mar 2023	23 Feb 2023	23 Feb 2023	23 Mar 2023	23 Mar 2023	18 Aug 2023	18 Aug 2023
				Depth	2.6	0.5	0.2	0.2	0.9	5.1	2	2
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS									
Chlorpyrifos	µg/L	-	0.03 ^{#19}	---	---	---	---	---	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---	---	---	---	---	---
Coumaphos	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---	---	---
gamma-HCH	µg/L	-	-	---	---	---	---	---	---	---	---	---
d-BHC	µg/L	-	-	---	---	---	---	---	---	---	---	---
DDT	µg/L	-	0.01 ^{#39}	---	---	---	---	---	---	---	---	---
Demeton-O	µg/L	-	-	---	---	---	---	---	---	---	---	---
Demeton-S	µg/L	-	-	---	---	---	---	---	---	---	---	---
Diazinon	µg/L	-	0.01 ^{#19}	---	---	---	---	---	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	---	---	---	---	---	---
Dichlorvos	µg/L	-	0.04 ^{#20}	---	---	---	---	---	---	---	---	---
Dieldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---	---	---
Disulfoton	µg/L	-	-	---	---	---	---	---	---	---	---	---
Endosulfan I	µg/L	-	-	---	---	---	---	---	---	---	---	---
Endosulfan II	µg/L	-	-	---	---	---	---	---	---	---	---	---
Endosulfan sulphate	µg/L	-	-	---	---	---	---	---	---	---	---	---
Endrin	µg/L	-	0.00125 ^{#38}	---	---	---	---	---	---	---	---	---
Endrin aldehyde	µg/L	-	-	---	---	---	---	---	---	---	---	---
Endrin ketone	µg/L	-	-	---	---	---	---	---	---	---	---	---
Ethoprop	µg/L	-	-	---	---	---	---	---	---	---	---	---
Fensulfothion	µg/L	-	-	---	---	---	---	---	---	---	---	---
Fenthion	µg/L	-	-	---	---	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---	---	---
g-BHC (Lindane)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Heptachlor	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---	---	---
Merphos	µg/L	-	-	---	---	---	---	---	---	---	---	---
Methoxychlor	µg/L	-	-	---	---	---	---	---	---	---	---	---
Methyl parathion	µg/L	-	-	---	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Naled (Dibrom)	µg/L	-	-	---	---	---	---	---	---	---	---	---
Phorate	µg/L	-	-	---	---	---	---	---	---	---	---	---
Picloram	µg/L	-	-	---	---	---	---	---	---	---	---	---
Prometon	µg/L	-	-	---	---	---	---	---	---	---	---	---
Prometryn	µg/L	-	-	---	---	---	---	---	---	---	---	---
Propazine	µg/L	-	-	---	---	---	---	---	---	---	---	---
Ronnel	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---	---	---
Simazine	µg/L	-	1 ^{#19}	---	---	---	---	---	---	---	---	---
Stirophos	µg/L	-	-	---	---	---	---	---	---	---	---	---
Terbutryn	µg/L	-	-	---	---	---	---	---	---	---	---	---
Terbutylazine	µg/L	-	-	---	---	---	---	---	---	---	---	---
Trichloronate	µg/L	-	-	---	---	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---	---	---
SVOC TIC												
SVOC Tentatively Identified Compounds	µg/L	-	-	---	---	---	---	---	---	---	<20	---
VOC TIC												
VOC Tentatively Identified Compounds	µg/L	-	-	---	---	---	---	---	---	---	1,000	---
Other												
Dissolved Organic Carbon (filtered)	µg/L	-	-	---	---	---	6,700	---	---	---	---	---
Electrical conductivity *(lab)	µS/cm	-	-	---	---	---	---	---	---	---	2,100	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#40}	---	6.9	---	9.6	---	---	---	9.51	---
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#40}	---	---	---	---	---	---	---	9.51	---

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA					
Appendix I.3: Tentatively Identified Compounds in Soil (mg/kg)					
Tentatively Identified Compound Name	CAS Number	General Description	Chemical Group	Number of Detects	Maximum Concentration
(3S,5R,8S)-3,8-Dimethyl-5-(prop-1-en-2-yl)-2,3,5,6,7,8-hexahydroazulen-1(4H)-one	n/a	Complex organic compound	na	4	0.977
(5.beta.)-chol-7-ene	na	Complex organic compound	na	2	2.4
(Z)-13-Docosenamide	10436-09-6	Amide	Alkene derivative	11	4
[2,2]Paracyclonaphthane	1633-22-3	Aromatic Hydrocarbon	Benzene derivative	3	0.331
1-(phenylmethyl)-naphthalene	611-45-0	Aromatic Hydrocarbon	Naphthalene derivative	4	14.1
1,1,2,2-tetrachloroethane	630-20-6	Chlorinated Solvent	Chloroalkane	6	0.7
1,1a,6,6a-tetrahydro-Cycloprop[a]indene	15677-15-3	Aromatic Hydrocarbon	Benzene derivative	4	55.6
1,1a,6,6a-tetrahydrocycloprop[a]indene,	15677-15-3	Aromatic Hydrocarbon	Benzene derivative	4	55.6
1,1'-Binaphthalene	604-53-5	Aromatic Hydrocarbon	Naphthalene derivative	7	223.5
1,1-Biphenyl	92-52-4	Aromatic Hydrocarbon	Benzene derivative	2	31.7
1,2,3-trimethylbenzene	526-73-8	Aromatic Hydrocarbon	Benzene derivative	2	7.5
1,2,9,10-Dibenzopyrene	191-30-0	Aromatic Hydrocarbon	Pyrene derivative	1	3.9
1,2'-Binaphthalene	4325-74-0	Aromatic Hydrocarbon	Naphthalene derivative	10	645.7
1,2-dihydro-6-methylnaphthalene	2717-47-7	Aromatic Hydrocarbon	Naphthalene derivative	2	14.2
1,2-dimethylnaphthalene	573-98-8	Aromatic Hydrocarbon	Naphthalene derivative	2	0.1
1,3-diethenylbenzene	108-57-6	Aromatic Hydrocarbon	Benzene derivative	2	0.7
1,3-dimethylnaphthalene	575-41-7	Aromatic Hydrocarbon	Naphthalene derivative	5	1
1,3-Diphenylbutane	1520-44-1	Aromatic Hydrocarbon	Benzene derivative	4	24.1
1,4,5,8-Tetramethylnaphthalene	2717-39-7	Aromatic Hydrocarbon	Naphthalene derivative	1	1
1,4,6-trimethylnaphthalene	2131-42-2	Aromatic Hydrocarbon	Naphthalene derivative	1	1.3
1,4-dimethylnaphthalene	571-58-4	Aromatic Hydrocarbon	Naphthalene derivative	4	0.8
1,6,7-trimethylnaphthalene	2245-38-7	Aromatic Hydrocarbon	Naphthalene derivative	3	2
1,6-dimethylnaphthalene	575-43-9	Aromatic Hydrocarbon	Naphthalene derivative	5	20.7
1,7-dimethylnaphthalene	575-37-1	Aromatic Hydrocarbon	Naphthalene derivative	2	0.2
1,9,12-Trioxa-4,6-diazacyclotetradecane-5-thione	na	Complex organic compound		1	0.1
11H-Benzo[b]fluorene	428,856.0	Aromatic Hydrocarbon	PAH Derivative	11	5.5
11H-Benzo[a]carbazole	239-01-0	Aromatic Hydrocarbon	PAH Derivative	18	3.4
11H-Benzo[a]fluoren-11-one	479-79-8	Aromatic Hydrocarbon	PAH Derivative	22	15.3
11H-Indeno[1,2-b]quinoline	243-51-6	Aromatic Hydrocarbon	PAH Derivative	1	5.2
1-ethenyl-3-ethylbenzene	7525-62-4	Aromatic Hydrocarbon	Benzene derivative	4	4.1
1-ethenyl-3-ethylbenzene	7525-62-4	Aromatic Hydrocarbon	Benzene derivative	4	4.1
1-ethenyl-3-methylbenzene	620-14-4	Aromatic Hydrocarbon	Benzene derivative	4	18.1
1-Ethynaphthalene	1127-76-0	Aromatic Hydrocarbon	Naphthalene derivative	3	35.1
1a,9b-dihydro-1H-Cyclopropa[1]phenanthrene	949-41-7	Aromatic Hydrocarbon	Benzene derivative	1	2.9
1H-Isoindole-1,3(2H)-dione, 2-(2-phenyl-2-propenyl)-	16307-59-8	Complex organic compound		1	1.8
1-Methyl-2-ethyl benzene	611-14-3	Aromatic Hydrocarbon	Benzene derivative	2	11.8
1-Methyl-3-ethyl benzene	620-14-4	Aromatic Hydrocarbon	Benzene derivative	2	6
1-Methyl-4-p-tolynaphthalene	na	Aromatic Hydrocarbon	Naphthalene derivative	2	2.7
1-Methylanthracene	610-48-0	Aromatic Hydrocarbon	Anthracene derivative	2	0.4
1-Methylchrysene	3351-28-8	Aromatic Hydrocarbon	Chrysene derivative	11	2.6
1-Methyldibenzothiophene	31317-07-4	Aromatic Hydrocarbon	Benzene derivative	4	0.385
1-Methylnaphthalene	90-12-0	Aromatic Hydrocarbon	Naphthalene derivative	11	67.4
1-Methylpyrene	2381-21-7	Aromatic Hydrocarbon	Pyrene derivative	28	23.3
1-Phenylnaphthalene	605-02-7	Aromatic Hydrocarbon	Naphthalene derivative	2	23.6
1-propenylbenzene	3282-16-4	Aromatic Hydrocarbon	Benzene derivative	2	4.6
1-propynylbenzene	103-65-1	Aromatic Hydrocarbon	Benzene derivative	4	10.9
2,2'-Binaphthalene	612-78-2	Aromatic Hydrocarbon	Naphthalene derivative	2	7.5
2,3,5,6-Tetramethylterephthalaldehyde	7072-01-7	Aromatic Hydrocarbon	Benzene derivative	1	0.2
2,3,6-Trimethylnaphthalene	829-26-5	Aromatic Hydrocarbon	Naphthalene derivative	1	0.4
2,3-Dimethylnaphthalene	581-40-8	Aromatic Hydrocarbon	Naphthalene derivative	10	0.6
2-phenyl-2,4,6-Cycloheptatrien-1-one	14562-09-5	Aromatic Hydrocarbon	Benzene derivative	3	3.4
2,5-Dimethylphenanthrene	3674-66-6	Aromatic Hydrocarbon	Phenanthrene derivative	1	1.8
2,6,10,14,18-Pentamethyl-2,6,10,14,18-eicosapentaene	7431-92-7	Aliphatic Hydrocarbon	Alkene	2	1.8
2,6,10,14-Tetramethylhexadecane	638-36-8	Aliphatic Hydrocarbon	Alkane	2	0.2
2,6-Dimethylnaphthalene	581-42-0	Aromatic Hydrocarbon	Naphthalene derivative	13	45.1
2,7-Dimethyldibenzothiophene	31317-19-8	Aromatic Hydrocarbon	phene and benzene deriv	2	0.155
2,7-Dimethylnaphthalene	582-16-1	Aromatic Hydrocarbon	Naphthalene derivative	6	0.841
2-Ethenyl-1,4-dimethylbenzene	27831-13-6	Aromatic Hydrocarbon	Benzene derivative	2	6.4

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East_HRA					
Appendix I.3: Tentatively Identified Compounds in Soil (mg/kg)					
Tentatively Identified Compound Name	CAS Number	General Description	Chemical Group	Number of Detects	Maximum Concentration
2-Ethenyl-naphthalene	827-54-3	Aromatic Hydrocarbon	Naphthalene derivative	2	1.2
2-Ethyl-anthracene	52251-71-5	Aromatic Hydrocarbon	Anthracene derivative	4	6.6
2-Methyl-8-propyl-Dodecane	55045-07-3	Aliphatic Hydrocarbon	Alkane	2	0.148
2-Methylantracene	613-12-7	Aromatic Hydrocarbon	Anthracene derivative	11	30.3
2-Methylchrysene	3351-32-4	Aromatic Hydrocarbon	Chrysene derivative	15	2.7
2-Methylfluoranthene	33543-31-6	Aromatic Hydrocarbon	Fluoranthene derivative	14	12.5
2-Methylindene	2177-47-1	Aromatic Hydrocarbon	Benzene derivative	6	47.1
2-Methylindene	2177-47-1	Aromatic Hydrocarbon	Benzene derivative	6	47.1
2-Phenyl-naphthalene	612-94-2	Aromatic Hydrocarbon	Naphthalene derivative	19	70.6
2-Phenyltoluene	643-58-3	Aromatic Hydrocarbon	Benzene derivative	4	1.2
3-(2-Naphthyl)acrylaldehyde	113388-98-0	Aromatic Hydrocarbon	Naphthalene derivative	2	0.7
3,3-Dimethylbiphenyl	612-75-9	Aromatic Hydrocarbon	Benzene derivative	1	0.9
3,4,9,10-tetrahydro-7-methoxy-1(2H)-Phenanthrenone	n/a	Complex organic compound		2	0.318
3,4-dihydrocyclopenta(cd)pyrene	25732-74-5	Aromatic Hydrocarbon	Pyrene derivative	7	6.5
3,4-dimethyl-1,1-Biphenyl	7383-90-6	Aromatic Hydrocarbon	Benzene derivative	1	0.3
3,5-dichloro-2-hydroxybenzaldehyde	90-60-8	Aromatic Hydrocarbon	Benzene derivative	1	7.1
3,6-Dimethylphenanthrene	1576-67-6	Aromatic Hydrocarbon	Phenanthrene derivative	1	3.7
3-Aminopyrene	1606-67-3	Aromatic Hydrocarbon	Pyrene derivative	2	0.815
3-Bromo-5-ethoxy-4-hydroxybenzaldehyde	3111-37-3	Complex organic compound		4	0.398
3-methyl-9H-Fluorene	2523-39-9	Aromatic Hydrocarbon	Fluorene derivative	2	0.4
3-Methylbenz(j)aceanthrylene	3343-10-0	Aromatic Hydrocarbon	PAH Derivative	3	3.2
4-Azapyrene	194-03-6	Aromatic Hydrocarbon	Pyrene derivative	1	0.3
5,6-Dihydro-4H-Benz[de]anthracene	4389-09-7	Aromatic Hydrocarbon	Anthracene derivative	1	0.5
4H-Cyclopenta(def)phenanthrene	203-64-5	Aromatic Hydrocarbon	Phenanthrene derivative	9	2.5
4-Methyldibenzofuran	7320-53-8	Aromatic Hydrocarbon	Furan derivative	20	8
4-Methylnaphtho[1,2-b]thiophene	36821-08-6	Aromatic Hydrocarbon	halene and thiophene der	1	2.9
4-Methylphenanthrene	832-64-4	Aromatic Hydrocarbon	Phenanthrene derivative	1	0.1
4-Terphenyl-d14	1718-51-0	Aromatic Hydrocarbon	Benzene derivative	2	1.6
5,12-Naphthacenedione	1090-13-7	Aromatic Hydrocarbon	Naphthalene derivative	3	1.3
5,6-Dihydrochrysene	56183-24-5	Aromatic Hydrocarbon	Chrysene derivative	1	0.3
5-Methylchrysene	3697-24-3	Aromatic Hydrocarbon	Chrysene derivative	2	0.292
6H-Benz[de]anthracen-6-one	na	Aromatic Hydrocarbon	Anthracene derivative	1	4.5
6H-Dibenzo[b,d]-pyran	229-95-8	Aromatic Hydrocarbon	Pyran derivative	2	0.1
7H-Benz[de]anthracen-7-one	82-05-3	Aromatic Hydrocarbon	Anthracene derivative	2	0.3
7-Methylbenz[a]anthracene	2541-69-7	Aromatic Hydrocarbon	Anthracene derivative	16	8.3
9,10-dihydro-9,10[1,2]-Benzenoanthracene	477-75-8	Aromatic Hydrocarbon	PAH Derivative	1	1.1
2,3-Dimethyl-9,10-anthracenedione	6531-35-7	Aromatic Hydrocarbon	PAH Derivative	1	1
2-Methyl-9,10-anthracenedione	84-54-8	Aromatic Hydrocarbon	PAH Derivative	1	6.4
9,10-anthraquinone	84-65-1	Aromatic Hydrocarbon	Anthracene derivative	14	11.6
9-Anthracenecarbonitrile	1210-12-4	Aromatic Hydrocarbon	Anthracene derivative	2	0.8
9H-Cyclopenta[a]pyrene	na	Aromatic Hydrocarbon	PAH	2	0.6
9H-Fluoren-9-ol	1689-64-1	Aromatic Hydrocarbon	Fluorene derivative	5	1.3
9H-Fluoren-9-one	486-25-9	Aromatic Hydrocarbon	Fluorene derivative	21	8.4
9H-Fluorene, 9-(phenylmethylene)-	1836-87-9	Aromatic Hydrocarbon	Fluorene derivative	2	0.9
9-Methylantracene	779-02-2	Aromatic Hydrocarbon	Anthracene derivative	2	0.144
9-Octadecenamide, (Z)-	301-02-0	Aliphatic Hydrocarbon	Alkene derivative	6	2
9-phenyl-anthracene	602-55-1	Aromatic Hydrocarbon	Anthracene derivative	2	0.3
Anthra(1,2-b)thiophene	227-56-5	Aromatic Hydrocarbon	hene and anthracene deri	8	1.7
Anthra(2,3-b)thiophene	143034-07-5	Aromatic Hydrocarbon	hene and anthracene deri	2	0.516
Anthracene, 1,2,3,4-tetrahydro-	2141-42-6	Aromatic Hydrocarbon	Anthracene derivative	1	0.5
Anthrone	90-44-8	Aromatic Hydrocarbon	Anthracene derivative	1	2.8
Benzene, 1,1-(1,3-propanediyl)bis-	31516-55-9	Aromatic Hydrocarbon	Benzene derivative	2	17.2
Benzene, 1,1'-(1,4-butanediyl)bis-	70388-65-7	Aromatic Hydrocarbon	Benzene derivative	2	63
1-Ethenyl-3-methylbenzene	620-14-4	Aromatic Hydrocarbon	Benzene derivative	4	18.1
1-Ethenyl-4-methylbenzene	622-97-9	Aromatic Hydrocarbon	Benzene derivative	2	30
1-Methyl-4-(2-propenyl)-benzene	3333-13-9	Aromatic Hydrocarbon	Benzene derivative	2	0.3
1-Propynylbenzene	103-65-1	Aromatic Hydrocarbon	Benzene derivative	4	10.9
Benzo(b)naphtho(2,3-d)furan	243-42-5	Aromatic Hydrocarbon	PAH and furan derivative	20	10.9
Benzo(c)carbazole	205-25-4	Aromatic Hydrocarbon	Carbazole derivative	2	0.7
Benzo(e)pyrene	192-97-2	Aromatic Hydrocarbon	PAH	18	10.8
Benzo(k)fluoranthene	207-08-9	Aromatic Hydrocarbon	PAH	12	3.9
Benzo[a]naphthacene	226-88-0	Aromatic Hydrocarbon	PAH	2	2.3

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA					
Appendix 1.3: Tentatively Identified Compounds in Soil (mg/kg)					
Tentatively Identified Compound Name	CAS Number	General Description	Chemical Group	Number of Detects	Maximum Concentration
Benzo[b]naphtho[1,2-d]furan	205-39-0	Aromatic Hydrocarbon	PAH and furan derivative	8	8.4
Benzo[b]naphtho[2,1-d]thiophene	239-35-0	Aromatic Hydrocarbon	AH and thiophene derivati	11	5.8
Benzo[b]naphtho[2,3-d]thiophene	243-46-9	Aromatic Hydrocarbon	AH and thiophene derivati	2	0.326
Benzo[b]triphenylene	215-58-7	Aromatic Hydrocarbon	PAH	3	1.2
Benzo[h]cinnoline	230-31-9	Aromatic Hydrocarbon	Naphthalene derivative	2	0.3
Benzocycloheptatriene	264-09-5	Aromatic Hydrocarbon	Benzene derivative	2	0.6
Biphenylene	259-79-0	Aromatic Hydrocarbon	Benzene derivative	1	0.2
4-Methylchrysene	3351-30-2	Aromatic Hydrocarbon	Chrysene derivative	1	2.2
Cyclopenta(def)phenanthrene	203-64-5	Aromatic Hydrocarbon	Phenanthrene derivative	9	23.3
Cyclopropylbenzene	873-49-4	Aromatic Hydrocarbon	Benzene derivative	2	7.8
Dehydrocostus lactone	477-43-0	Complex organic compound	Ostus Lactone derivative	1	1.1
Dibenzo[a,e]cyclooctene	262-89-5	Aromatic Hydrocarbon	Benzene derivative	5	2.9
Dibenzothiophene	132-65-0	Aromatic Hydrocarbon	Thiophene derivative	13	3.8
Diphenylmethane	101-81-5	Aromatic Hydrocarbon	Benzene derivative	1	1.9
di-p-Tolylacetylene	2789-88-0	Aromatic Hydrocarbon	Benzene derivative	2	0.194
Dodecane	112-40-3	Aliphatic Hydrocarbon	Alkane	6	9.7
Eicosane	112-95-8	Aliphatic Hydrocarbon	Alkane	16	1.2
Ethylbenzene	100-41-4	Aromatic Hydrocarbon	Benzene derivative	2	7.6
Fluoranthene	206-44-0	Aromatic Hydrocarbon	PAH	2	3.3
Henriacantane	630-04-6	Aliphatic Hydrocarbon	Alkane	2	0.1
Heptadecane	629-78-7	Aliphatic Hydrocarbon	Alkane	8	0.33
Hexa-2,4-diyn-1-ylbenzene	520-74-1	Aromatic Hydrocarbon	Benzene derivative	2	0.7
Hexadecane	544-76-3	Aliphatic Hydrocarbon	Alkane	13	0.7
Hexaethylidenecyclohexane	1003-64-1	Aliphatic Hydrocarbon	Cyclic alkane	5	1.3
Indene	95-13-6	Aromatic Hydrocarbon	Benzene derivative	3	0.3
Indeno(2,1-b)chromene	243-24-3	Aromatic Hydrocarbon	PAH Derivative	1	0.3
Malathion	121-75-5	Pesticide	Organophosphorous	2	0.5
Molecular Sulphur	7704-34-9	Sulphur	Sulphur	4	0.8
1-(2-propenyl)-naphthalene	2489-86-3	Aromatic Hydrocarbon	Naphthalene derivative	2	0.4
1,2,3,4-tetramethylnaphthalene	3031-15-0	Aromatic Hydrocarbon	Naphthalene derivative	1	1.7
1,5-dimethylnaphthalene	571-61-9	Aromatic Hydrocarbon	Naphthalene derivative	1	0.8
Naphtho(2,1,8-def)quinoline	313-80-4	Aromatic Hydrocarbon	PAH Derivative	5	1.9
Naphtho[1,2-b]thiophene	234-41-3	Aromatic Hydrocarbon	halene and thiophene der	2	0.481
Naphtho[2,1-b]thiophene	233-02-3	Aromatic Hydrocarbon	halene and thiophene der	1	2.7
Naphtho[2,3-b]thiophene	268-77-9	Aromatic Hydrocarbon	halene and thiophene der	2	0.279
Nonadecane	629-92-5	Aliphatic Hydrocarbon	Alkane	1	0.3
Octadecane	593-45-3	Aliphatic Hydrocarbon	Alkane	9	0.5
Pentadecane	629-62-9	Aliphatic Hydrocarbon	Alkane	7	0.5
2,6,10,14-tetramethylpentadecane	1921-70-6	Aliphatic Hydrocarbon	Alkane	4	0.243
Perylene	198-55-0	Aromatic Hydrocarbon	PAH	11	7.5
Phenalo[1,9-bc]thiophene	79965-99-4	Aromatic Hydrocarbon	halene and thiophene der	1	3.4
1-Methylphenanthrene	832-69-9	Aromatic Hydrocarbon	Phenanthrene derivative	19	14.6
2-Methylphenanthrene	2531-84-2	Aromatic Hydrocarbon	Phenanthrene derivative	22	9.1
p-Xylene	106-42-3	Aromatic Hydrocarbon	Benzene derivative	2	16.4
Rubcene	197-61-5	Aromatic Hydrocarbon	PAH	1	0.2
Styrene	100-42-5	Aromatic Hydrocarbon	Benzene derivative	2	11.5
Tetracosane	646-31-1	Aliphatic Hydrocarbon	Alkane	2	0.31
Tetradecane	629-59-4	Aliphatic Hydrocarbon	Alkane	7	0.5
TRICOSANE	638-67-5	Aliphatic Hydrocarbon	Alkane	3	0.3
Tridecane	629-50-5	Aliphatic Hydrocarbon	Alkane	2	0.163
Undecane	1120-21-4	Aliphatic Hydrocarbon	Alkane	4	14.6
Undecane	1120-21-4	Aliphatic Hydrocarbon	Alkane	4	14.6

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East_HRA

Appendix I.4: Tentatively Identified Compounds in Soil Leachate (µg/L)

Tentatively Identified Compound Name	CAS Number	General Description	Chemical Group	SHO-SL-S28
				23/01/2023
1,1a,6,6a-tetrahydrocycloprop[a]indene	15677-15-3	Aromatic Hydrocarbon	Benzene derivative	158
1-Ethenyl-3methylbenzene	766-82-5	Aromatic Hydrocarbon	Benzene derivative	110
1,2'-Binaphthalene	4325-74-0	Aromatic Hydrocarbon	Naphthalene derivative	573
2-Ethyl-6-methylphenol	1687-64-5	Aromatic Hydrocarbon	Phenol derivative	107
p-Xylene	106-42-3	Aromatic Hydrocarbon	Benzene derivative	233
1,2,3-trimethylbenzene	526-73-8	Aromatic Hydrocarbon	Benzene derivative	154
1-Methyl-1H-indene	767-59-9	Aromatic Hydrocarbon	Benzene derivative	158
1-Naphthylamine	134-32-7	Aromatic Hydrocarbon	Naphthalene derivative	249
2-Methylnaphthalene	91-57-6	Aromatic Hydrocarbon	Naphthalene derivative	257
2-Phenylphenol	90-43-7	Aromatic Hydrocarbon	Benzene derivative	978
2-Amino-3,4:5,6-bis(trimethylene)pyridine		Complex organic compound		944
2-Methylindene	2177-47-1	Aromatic Hydrocarbon	Benzene derivative	119
3-Ethyl-5-methylphenol	698-71-5	Aromatic Hydrocarbon	Benzene derivative	236

Foundry Leachate Made Ground

Matrix Description				MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG	MG-SLAG
Location Code				FOU_AUK_TP104	FOU_AUK_TP105	FOU_AUK_TP107	FOU_AUK_TP118	FOU_AUK_TP127B	FOU_AUK_TP129	S1-TPE37	S1-TPF14
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				704620	704194	705249	704765	705249	704620		
Date				17 Aug 2023	24 Aug 2023	25 Aug 2023	30 Aug 2023	25 Aug 2023	18 Aug 2023	14 Mar 2017	15 Mar 2017
Depth				2	2	0.5	1	1	2.5	3	1
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Chlorpyrifos	µg/L	-	0.03 ^{#19}	---	---	---	---	---	---	---	---
Clopyralid	µg/L	-	-	---	---	---	---	---	---	---	---
Coumaphos	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---	---
gamma-HCH	µg/L	-	-	---	---	---	---	---	---	---	---
d-BHC	µg/L	-	-	---	---	---	---	---	---	---	---
DDT	µg/L	-	0.01 ^{#39}	---	---	---	---	---	---	---	---
Demeton-O	µg/L	-	-	---	---	---	---	---	---	---	---
Demeton-S	µg/L	-	-	---	---	---	---	---	---	---	---
Diazinon	µg/L	-	0.01 ^{#19}	---	---	---	---	---	---	---	---
Dicamba	µg/L	-	-	---	---	---	---	---	---	---	---
Dichlorvos	µg/L	-	0.04 ^{#20}	---	---	---	---	---	---	---	---
Dieldrin	µg/L	0.03 ^{#1}	0.00125 ^{#38}	---	---	---	---	---	---	---	---
Disulfoton	µg/L	-	-	---	---	---	---	---	---	---	---
Endosulfan I	µg/L	-	-	---	---	---	---	---	---	---	---
Endosulfan II	µg/L	-	-	---	---	---	---	---	---	---	---
Endosulfan sulphate	µg/L	-	-	---	---	---	---	---	---	---	---
Endrin	µg/L	-	0.00125 ^{#38}	---	---	---	---	---	---	---	---
Endrin aldehyde	µg/L	-	-	---	---	---	---	---	---	---	---
Endrin ketone	µg/L	-	-	---	---	---	---	---	---	---	---
Ethoprop	µg/L	-	-	---	---	---	---	---	---	---	---
Fensulfothion	µg/L	-	-	---	---	---	---	---	---	---	---
Fenthion	µg/L	-	-	---	---	---	---	---	---	---	---
Fluroxypyr	µg/L	-	-	---	---	---	---	---	---	---	---
g-BHC (Lindane)	µg/L	-	-	---	---	---	---	---	---	---	---
Heptachlor	µg/L	0.03 ^{#1}	-	---	---	---	---	---	---	---	---
2-Methyl-4-chlorophenoxyacetic acid	µg/L	-	-	---	---	---	---	---	---	---	---
2-Methyl-4-Chlorophenoxy Butanoic Acid	µg/L	-	-	---	---	---	---	---	---	---	---
Mecoprop	µg/L	-	18 ^{#19}	---	---	---	---	---	---	---	---
Merphos	µg/L	-	-	---	---	---	---	---	---	---	---
Methoxychlor	µg/L	-	-	---	---	---	---	---	---	---	---
Methyl parathion	µg/L	-	-	---	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	µg/L	-	-	---	---	---	---	---	---	---	---
Naled (Dibrom)	µg/L	-	-	---	---	---	---	---	---	---	---
Phorate	µg/L	-	-	---	---	---	---	---	---	---	---
Picloram	µg/L	-	-	---	---	---	---	---	---	---	---
Prometon	µg/L	-	-	---	---	---	---	---	---	---	---
Prometryn	µg/L	-	-	---	---	---	---	---	---	---	---
Propazine	µg/L	-	-	---	---	---	---	---	---	---	---
Ronnel	µg/L	-	0.03 ^{#20}	---	---	---	---	---	---	---	---
Simazine	µg/L	-	1 ^{#19}	---	---	---	---	---	---	---	---
Stirophos	µg/L	-	-	---	---	---	---	---	---	---	---
Terbutryn	µg/L	-	-	---	---	---	---	---	---	---	---
Terbutylazine	µg/L	-	-	---	---	---	---	---	---	---	---
Trichloronate	µg/L	-	-	---	---	---	---	---	---	---	---
Triclopyr	µg/L	-	-	---	---	---	---	---	---	---	---
SVOC TIC											
SVOC Tentatively Identified Compounds	µg/L	-	-	<20	<10	<20	<20	<20	<20	---	---
VOC TIC											
VOC Tentatively Identified Compounds	µg/L	-	-	1,000	1,000	1,000	1,000	1,000	1,000	---	---
Other											
Dissolved Organic Carbon (filtered)	µg/L	-	-	---	---	---	---	---	---	---	---
Electrical conductivity *(lab)	µS/cm	-	-	732	4,560	167	626	7,530	5,650	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#40}	9.49	12.4	9.74	10.6	12.6	12.6	7.3	11.9
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#40}	9.49	12.4	9.71	10.6	12.6	12.6	---	---

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East_HRA
Comments

- #1 Water Supply (Water Quality) Regulations 2016.
- #2 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011
- #3 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Informal value.
- #4 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Based on taste rather than a formal guideline.
- #5 Water Supply (Water Quality) Regulations 2016. As NO3.
- #6 Water Supply (Water Quality) Regulations 2016. As NO2.
- #7 Water Supply (Water Quality) Regulations 2016. As SO4.
- #8 Water Supply (Water Quality) Regulations 2016. Value of 0.1µg/l for PAH split between four individual PAH. Requires summation of benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene and indeno(123cd)pyrene to use 0.1µg/l value.
- #9 No UK DWS for total petroleum hydrocarbons (TPH), or speciated TPH fractions. A value of 10 µg/l is adopted for sum TPH based on the rescinded Private Water Supply Regulations, 1991.
- #10 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Value of 500µg/l for sum xylenes split between isomers. Requires summation of m,p & o isomers to use 500µg/l value.
- #11 The taste and odour threshold of 15µg/l is commonly adopted as a guide.
- #12 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. In Scotland a value of 200µg/l is used (WAT-PS-10-01).
- #13 US EPA Regional Screening Levels, May 2019. <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables>
- #14 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. In Scotland a value of 7µg/l is used (WAT-PS-10-01).
- #15 Water Supply (Water Quality) Regulations 2016. Value of 100µg/l for sum trihalomethanes split between individual compounds. Requires summation of chloroform, bromoform, chlorodibromomethane and bromodichloromethane to use 100µg/l value.
- #16 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Value of 50µg/l for sum cis & trans-DCE split between isomers. Requires summation of cis & trans-DCE isomers to use 50µg/l value.
- #17 Water Supply (Water Quality) Regulations 2016. Value of 10µg/l for sum of TCE & PCE split between individual compounds. Requires summation of TCE & PCE to use 10µg/l value.
- #18 Position statement (WAT-PS-10-01), SEPA August 2014.
- #19 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015.
- #20 Operational Targets and EQS. EA, April 2018
- #21 Water Framework Directive (Standards & Classification) Directions (England & Wales) 2015. Dissolved fraction.
- #22 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Dissolved Fraction. If DOC >1mg/l then a higher criteria applies $[3.76 + (2.677 \times ((\text{DOC}/2) - 0.5))]$
- #23 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Based on value for dissolved iron.
- #24 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Dissolved Fraction. MAC adopted in absence of AA value.
- #25 Operational Targets and EQS. EA, April 2018. Dissolved Fraction.
- #26 Operational Targets and EQS. EA, April 2018.
- #27 Operational Targets and EQS. EA, April 2018. Dissolved plus ambient background concentration. For saltwater, an Ambient Background Concentration of 1.1 µg/l has been used
- #28 Operational Targets and EQS. EA, April 2018. Dissolved fraction.
- #29 Operational Targets and EQS. EA, April 2018. Based on value for hydrogen sulphide. MAC adopted in absence of AA value.
- #30 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Benzo(a)pyrene can be considered as a marker for other PAH for comparison with the corresponding AA-EQS in water.
- #31 No UK EQS for total petroleum hydrocarbons (TPH), or speciated TPH fractions. A value of 50 µg/l is adopted for sum TPH protection of surface water based on 50µg/l-1000µg/l (Surface Waters (Abstraction for Drinking Water) Regulations 1989).
- #32 Proposed Environmental Quality Standard, in absence of legislative standard (Ayscough et al., 2002). https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/291223/sp2-115-tr4-e-e.pdf
- #33 Operational Targets and EQS. EA, April 2018. Value of 30µg/l for sum xylenes split between isomers. Requires summation of m,p & o isomers to use 30µg/l value.
- #34 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Value of 0.4µg/l for sum isomers split between 3 isomers. Requires summation of isomers to use 0.4µg/l value.
- #35 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Value of 20µg/l for sum isomers split between 3 isomers. Requires summation of isomers to use 20µg/l value.
- #36 Operational Targets and EQS. EA, April 2018.
- #37 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Value of 0.025µg/l for sum DDT isomers split between 4 isomers. Requires summation of 4 isomers to use 0.025µg/l value.
- #38 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Value of 0.005µg/l for sum isomers split between 4 isomers. Requires summation of isomers to use 0.005µg/l value.
- #39 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Relates to p,p-DDT (CAS 50-29-3)
- #40 Operational Targets and EQS. EA, April 2018. Maximum Allowable Concentration (MAC) adopted in absence of Annual Average (AA) value.

Key:
 MG = Made Ground
 MG-C = Made Ground – Cohesive
 MG-G = Made Ground – Granular
 MG-HyF = Made Ground – Hydraulic Fill
 MG-SINT = Made Ground – Sinter
 MG-SLAG = Made Ground - Slag

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East_HRA

Appendix H.3, Table 1: Tentatively Identified Compounds in Soil (µg/kg)

Tentatively Identified Compound Name	Units	CAS Number	General Description	Chemical Group	Number of Detects	Minimum	Maximum
Benz[e]acephenanthrylene / Benzo[b]fluorene	µg/kg	205-99-2	PAH	PAH	3	1400	3460
4-ethyl-1,2-dimethyl-benzene	µg/kg	934-80-5	Aromatic Hydrocarbon	Xylene derivative	1	682	682
Docosenamide	µg/kg	112-84-5	Amide	Aliphatic Amide	2	1660	2310
Heneicosane	µg/kg	629-94-7	Aliphatic Hydrocarbon	Linear alkane	1	4500	4500
Heptadecane	µg/kg	629-78-7	Aliphatic Hydrocarbon	Linear alkane	2	4940	41800
Hexadecane	µg/kg	544-76-3	Aliphatic Hydrocarbon	Linear alkane	1	15200	15200
Isomer of Dimethylnaphthalene 1	µg/kg	n/a	PAH Derivative	Alkylated PAH	1	1680	1680
Isomer of Dimethylnaphthalene 2	µg/kg	n/a	PAH Derivative	Alkylated PAH	1	2060	2060
Isomer of Dimethylundecane	µg/kg	n/a	Aliphatic Hydrocarbon	Branched alkane	1	2300	2300
Isomer of IodoOctadecane	µg/kg	n/a	Aliphatic Hydrocarbon	Alkane	1	3510	3510
Isomer of methyl pyrene	µg/kg	n/a	PAH Derivative	Alkylated PAH	1	1460	1460
Isomer of Methylfluoranthene	µg/kg	n/a	PAH Derivative	Alkylated PAH	1	1710	1710
Isomer of Methyltridecane	µg/kg	n/a	Aliphatic Hydrocarbon	Branched alkane	1	2670	2670
Isomer of Trimethyl-Methyle Octahydrophenanthrenol	µg/kg	n/a	PAH Derivative	Alkylated and hydrolised PAH	1	1400	1400
Isomer of Propyltridecane	µg/kg	n/a	Aliphatic Hydrocarbon	Branched alkane	1	7550	7550
Isomer of Tetramethylhexadecane	µg/kg	n/a	Aliphatic Hydrocarbon	Branched alkane	1	6270	6270
Isomer of Tetramethylhexadecane	µg/kg	n/a	Aliphatic Hydrocarbon	Branched alkane	1	24500	24500
Isomer of Tetramethylpentadecane	µg/kg	n/a	Aliphatic Hydrocarbon	Branched alkane	1	19800	19800
Isomer of TrimethylDodecane	µg/kg	n/a	Aliphatic Hydrocarbon	Branched alkane	1	4200	4200
Isomer of TrimethylDodecane 2	µg/kg	n/a	Aliphatic Hydrocarbon	Branched alkane	1	5100	5100
mixed hydrocarbons	µg/kg	n/a	n/a	n/a	2	9510	18200
Decahydronaphthalene	µg/kg	91-17-8	PAH Derivative	Hydrolised PAH	1	1410	1410
Decahydro-2-methylnaphthalene	µg/kg	2958-76-1	Aliphatic Hydrocarbon	Cyclic alkane alcohol	1	960	960
Nonadecane	µg/kg	629-92-5	Aliphatic Hydrocarbon	Linear alkane	2	2870	47200
Octacosane	µg/kg	630-02-4	Aliphatic Hydrocarbon	Linear alkane	1	2420	2420
Octadecane	µg/kg	593-45-3	Aliphatic Hydrocarbon	Linear alkane	1	116000	116000
Pentadecane	µg/kg	629-62-9	Aliphatic Hydrocarbon	Linear alkane	1	7840	7840
Perylene	µg/kg	198-55-0	PAH	PAH	1	3100	3100
Tetracosane	µg/kg	646-31-1	Aliphatic Hydrocarbon	Linear alkane	1	4400	4400
Unknown 1	µg/kg	n/a	n/a	n/a	1	1140	1140
Unresolved complexed matrix	µg/kg	n/a	n/a	n/a	1	1500000	1500000

Notes

PAH Polycyclic Aromatic Hydrocarbon

Appendix I

Steel House Data

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	CMG	CMG	CMG	CMG	CMG	CMG	CMG	CMG	CMG
		SHO-DY-48-S1	SHO-DZ-48-S1	SHO-ED-41-S3	SHO-ED-51-S4	SHO-EF-51-S4	SHO-EF-42-S2	SHO-ED-44-S2	SHO-EF-49-S2	SHO-SL-S2
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-3837-2-290323	23-3460-1-150323	23-3837-3-040423	23-3837-1-170323	23-3837-1-170323	23-3837-4-120423	23-3837-3-040423	23-3837-1-170323	23-560-1-260123
		21 Mar 2023	01 Mar 2023	22 Mar 2023	07 Mar 2023	07 Mar 2023	29 Mar 2023	23 Mar 2023	08 Mar 2023	13 Jan 2023
Depth	Unit	1.5	1.5	4.5	4	4	3	3	2.5	4.5
Metals										
Aluminium	mg/kg	---	---	---	---	---	---	---	---	10,250
Antimony	mg/kg	---	---	---	---	---	---	---	---	<1
Arsenic	mg/kg	---	---	---	11.2	---	---	---	---	13.1
Barium	mg/kg	---	---	---	---	---	---	---	---	132
Beryllium	mg/kg	---	---	---	---	---	---	---	---	---
Boron	mg/kg	---	---	---	12.7	---	---	---	---	2.2
Cadmium	mg/kg	---	---	---	3	---	---	---	---	<0.1
Chromium (hexavalent)	mg/kg	---	---	---	<0.3	---	---	---	---	<0.3
Chromium	mg/kg	---	---	---	32.6	---	---	---	---	28.6
Copper	mg/kg	---	---	---	96	---	---	---	---	11
Iron	mg/kg	84,270	49,280	14,820	---	---	185,000	38,940	58,010	21,870
Lead	mg/kg	---	---	---	62	---	---	---	---	44
Manganese	mg/kg	---	---	---	---	---	---	---	---	652
Mercury	mg/kg	---	---	---	8.2	---	---	---	---	<0.1
Molybdenum	mg/kg	---	---	---	---	---	---	---	---	1.5
Nickel	mg/kg	---	---	---	33.5	---	---	---	---	18.9
Selenium	mg/kg	---	---	---	<1	---	---	---	---	<1
Silicon	mg/kg	---	---	---	---	---	---	---	---	232.8
Vanadium	mg/kg	750	264	101	48	---	2,153	81	540	40
Zinc	mg/kg	---	---	---	415	---	---	---	---	60
Inorganics										
Sulphate (2:1 Water Soluble) as SO4	g/l	---	---	---	0.0539	---	---	---	---	0.069
Inorganic Nitrogen	mg/kg	---	---	---	---	---	---	---	---	5.4
Ortho phosphate as PO4	mg/kg	---	---	---	---	---	---	---	---	1.8
Ammoniacal Nitrogen as N	mg/kg	---	---	---	---	---	---	---	---	<0.6
Calcium	mg/kg	99,410	52,390	48,120	---	---	164,600	48,250	59,130	7,480
Chloride	mg/kg	---	---	---	---	---	---	---	---	69
Cyanide (Free)	mg/kg	---	---	---	<0.5	---	---	---	---	<0.5
Cyanide Total	mg/kg	---	---	---	1	---	---	---	---	<0.5
cyanides-complex	mg/kg	---	---	---	---	---	---	---	---	<0.5
Magnesium	mg/kg	---	---	---	---	---	---	---	---	5,015
Nitrate (as N)	mg/kg	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	---	---	---	---	---	---	---	23.9
Nitrite (as NO2-)	mg/kg	---	---	---	---	---	---	---	---	<0.05
Potassium	mg/kg	3,394	2,893	806	---	---	393	443	3,021	1,938
Sodium	mg/kg	---	---	---	---	---	---	---	---	539
Sulphate	mg/kg	---	---	---	2,751	---	---	---	---	357
Sulphide	mg/kg	---	---	---	---	---	---	---	---	<10
Sulphur as S	%	---	---	---	0.28	---	---	---	---	0.03
Thiocyanate (as SCN)	mg/kg	---	---	---	5.3	---	---	---	---	<0.6
PAH										
Naphthalene	mg/kg	---	---	---	503.48	364.605	---	---	---	<0.027
Acenaphthene	mg/kg	---	---	---	8.52	---	---	---	---	<0.05
Acenaphthylene	mg/kg	---	---	---	11.98	---	---	---	---	<0.03
Fluoranthene	mg/kg	---	---	---	13.25	---	---	---	---	<0.03
Anthracene	mg/kg	---	---	---	7.89	---	---	---	---	<0.04
Phenanthrene	mg/kg	---	---	---	42.38	---	---	---	---	<0.03
Fluorene	mg/kg	---	---	---	13.32	---	---	---	---	<0.04
Chrysene	mg/kg	---	---	---	12.67	---	---	---	---	<0.02
Pyrene	mg/kg	---	---	---	10.1	---	---	---	---	<0.03
Benzo(a)anthracene	mg/kg	---	---	---	6.41	---	---	---	---	<0.06
Benzo(b)fluoranthene	mg/kg	---	---	---	5.58	---	---	---	---	<0.05
Benzo(k)fluoranthene	mg/kg	---	---	---	2.17	---	---	---	---	<0.02
Benzo(a)pyrene	mg/kg	---	---	---	1.42	---	---	---	---	<0.04
Dibenz(a,h)anthracene	mg/kg	---	---	---	0.43	---	---	---	---	<0.04
Benzo(g,h,i)perylene	mg/kg	---	---	---	0.62	---	---	---	---	<0.04
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	0.8	---	---	---	---	<0.04
PAH 16 Total	mg/kg	---	---	---	641	---	---	---	---	<0.6
Benzo(b+k)fluoranthene	mg/kg	---	---	---	7.75	---	---	---	---	<0.07
TPH CWG										
>C5-C6 Aliphatics	mg/kg	---	---	---	2.2	---	---	---	---	<0.1
>C6-C8 Aliphatics	mg/kg	---	---	---	9	---	---	---	---	<0.1
>C8-C10 Aliphatics	mg/kg	---	---	---	10.5	---	---	---	---	<0.1
>C10-C12 Aliphatics	mg/kg	---	---	---	280.3	---	---	---	---	<0.2
>C16-C35 Aliphatics	mg/kg	---	---	---	1,833	---	---	---	---	<14
>C12-C16 Aliphatics	mg/kg	---	---	---	119	---	---	---	---	<4
>C16-C21 Aliphatics	mg/kg	---	---	---	514	---	---	---	---	<7
>C21-C35 Aliphatics	mg/kg	---	---	---	1,319	---	---	---	---	<7
>C35-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	<7
Total Aliphatics >C5-C35	mg/kg	---	---	---	2,254	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	---	---	---	---	---	---	---	---	<26
>EC5-EC7 Aromatics	mg/kg	---	---	---	5.4	---	---	---	---	<0.1
>EC7-EC8 Aromatics	mg/kg	---	---	---	8.4	---	---	---	---	<0.1

Matrix Description Location Code Matrix Type Lab Report Number Date Depth										
	CMG	CMG	CMG	CMG	GMG	GMG	GMG	GMG	GMG	GMG
	SHO-SL-S21	SHO-SL-S37	SHO-SL-S37	TLA-SL-S3	SHO-DY-46-S3	SHO-DY-48-S2	SHO-DY-48-S3	SHO-DZ-45-S1	SHO-DZ-45-S4	
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	23-919-1-300123	23-1151-1-070223	23-1151-1-070223	23-524-1-260123	23-3837-1-170323	23-3837-2-290323	23-3837-2-290323	23-3837-1-170323	23-3837-9-050523	
	20 Jan 2023	23 Jan 2023	23 Jan 2023	11 Jan 2023	08 Mar 2023	21 Mar 2023	21 Mar 2023	08 Mar 2023	19 Apr 2023	
				3	4.5	3	4.5	1.5	3	
	Unit									
Metals										
Aluminium	mg/kg	17,070	44,570	---	13,400	---	---	---	---	---
Antimony	mg/kg	2	3	---	<1	---	---	---	---	---
Arsenic	mg/kg	7.6	47.4	---	7.5	---	---	---	---	---
Barium	mg/kg	259	1,132	---	175	---	---	---	---	---
Beryllium	mg/kg	---	---	---	---	---	---	---	---	---
Boron	mg/kg	2.5	4.4	---	0.8	---	---	---	---	---
Cadmium	mg/kg	<0.1	<0.1	---	<0.1	---	---	---	---	---
Chromium (hexavalent)	mg/kg	<0.3	<0.3	---	<0.3	---	---	---	---	---
Chromium	mg/kg	40.3	76.7	---	40.9	---	---	---	---	---
Copper	mg/kg	26	55	---	22	---	---	---	---	---
Iron	mg/kg	37,400	40,860	---	31,800	5,999	73,020	183,600	79,620	---
Lead	mg/kg	30	26	---	18	---	---	---	---	---
Manganese	mg/kg	1,090	91,330	---	1,000	---	---	---	---	---
Mercury	mg/kg	<0.1	<0.1	---	<0.1	---	---	---	---	---
Molybdenum	mg/kg	0.7	6.8	---	1.3	---	---	---	---	---
Nickel	mg/kg	34.7	103	---	31.4	---	---	---	---	---
Selenium	mg/kg	<1	41	---	1	---	---	---	---	---
Silicon	mg/kg	528.8	115.2	---	252.7	---	---	---	---	---
Vanadium	mg/kg	54	161	---	52	93	284	5,663	633	---
Zinc	mg/kg	93	51	---	79	---	---	---	---	---
Inorganics										
Sulphate (2:1 Water Soluble) as SO4	g/l	0.2628	1.6204	---	0.123	---	---	---	---	---
Inorganic Nitrogen	mg/kg	<2.5	61.4	---	<2.5	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	<0.3	<0.3	---	<0.3	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/kg	<0.6	<0.6	---	<0.6	---	---	---	---	---
Calcium	mg/kg	15,180	119,300	---	44,210	206,300	101,600	263,400	92,450	---
Chloride	mg/kg	15	206	---	17	---	---	---	---	---
Cyanide (Free)	mg/kg	<0.5	<0.5	---	<0.5	---	---	---	---	---
Cyanide Total	mg/kg	<0.5	<0.5	---	<0.5	---	---	---	---	---
cyanides-complex	mg/kg	<0.5	<0.5	---	<0.5	---	---	---	---	---
Magnesium	mg/kg	6,896	26,580	---	13,580	---	---	---	---	---
Nitrate (as N)	mg/kg	---	---	---	<2.5	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	<2.5	254.2	---	<2.5	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	0.33	13.05	---	<0.05	---	---	---	---	---
Potassium	mg/kg	3,076	3,747	---	3,434	2,858	2,663	383	881	---
Sodium	mg/kg	287	2,275	---	373	---	---	---	---	---
Sulphate	mg/kg	825	15,260	---	645	---	---	---	---	---
Sulphide	mg/kg	<10	<10	---	<10	---	---	---	---	---
Sulphur as S	%	0.07	0.74	---	0.17	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	<0.6	<0.6	---	<0.6	---	---	---	---	---
PAH										
Naphthalene	mg/kg	<0.027	0.26	0.436	<0.027	---	---	---	---	---
Acenaphthene	mg/kg	<0.05	<0.05	---	<0.05	---	---	---	---	---
Acenaphthylene	mg/kg	<0.03	<0.03	---	<0.03	---	---	---	---	---
Fluoranthene	mg/kg	<0.03	0.83	---	0.05	---	---	---	---	---
Anthracene	mg/kg	<0.04	0.09	---	<0.04	---	---	---	---	---
Phenanthrene	mg/kg	<0.03	0.48	---	0.17	---	---	---	---	---
Fluorene	mg/kg	<0.04	<0.04	---	<0.04	---	---	---	---	---
Chrysene	mg/kg	0.05	0.33	---	0.07	---	---	---	---	---
Pyrene	mg/kg	<0.03	0.65	---	0.06	---	---	---	---	---
Benzo(a)anthracene	mg/kg	<0.06	0.33	---	<0.06	---	---	---	---	---
Benzo(b)fluoranthene	mg/kg	<0.05	0.38	---	<0.05	---	---	---	---	---
Benzo(k)fluoranthene	mg/kg	<0.02	0.15	---	<0.02	---	---	---	---	---
Benzo(a)pyrene	mg/kg	<0.04	<0.04	---	<0.04	---	---	---	---	---
Dibenz(a,h)anthracene	mg/kg	<0.04	<0.04	---	<0.04	---	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	<0.04	0.15	---	<0.04	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.04	0.19	---	<0.04	---	---	---	---	---
PAH 16 Total	mg/kg	<0.6	3.8	---	<0.6	---	---	---	---	---
Benzo(b+k)fluoranthene	mg/kg	<0.07	0.53	---	<0.07	---	---	---	---	---
TPH CWG										
>C5-C6 Aliphatics	mg/kg	<0.1	<0.1	---	<0.1	---	---	---	---	---
>C6-C8 Aliphatics	mg/kg	<0.1	<0.1	---	<0.1	---	---	---	---	---
>C8-C10 Aliphatics	mg/kg	<0.1	<0.1	---	<0.1	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	<0.2	<0.2	---	<0.2	---	---	---	---	---
>C16-C35 Aliphatics	mg/kg	<14	92	---	49	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	<4	5	---	<4	---	---	---	---	---
>C16-C21 Aliphatics	mg/kg	<7	21	---	11	---	---	---	---	---
>C21-C35 Aliphatics	mg/kg	<7	71	---	38	---	---	---	---	---
>C35-C44 Aliphatics	mg/kg	<7	<7	---	<7	---	---	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	<26	97	---	49	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	<0.1	0.1	---	<0.1	---	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	<0.1	0.1	---	<0.1	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-DZ-45-S5	SHO-DZ-45-S6	SHO-DZ-45-S7	SHO-DZ-45-S8	SHO-DZ-45-S9	SHO-DZ-46-S1	SHO-DZ-46-S2	SHO-DZ-49-S1	SHO-EA-44-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-2-290323	23-3837-2-290323	23-3460-1-150323	23-3837-2-290323
Date		19 Apr 2023	19 Apr 2023	19 Apr 2023	19 Apr 2023	19 Apr 2023	21 Mar 2023	21 Mar 2023	01 Mar 2023	22 Mar 2023
Depth		2.5	2.5	2.5	2.5		1.5	3	1.5	1.5
	Unit									
Metals										
Aluminium	mg/kg	---	---	---	---	---	---	---	---	---
Antimony	mg/kg	---	---	---	---	---	---	---	---	---
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---
Barium	mg/kg	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	---	---	---	---	---	---	---	---	---
Boron	mg/kg	---	---	---	---	---	---	---	---	---
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---
Chromium (hexavalent)	mg/kg	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---
Iron	mg/kg	---	---	---	---	---	70,420	58,760	196,000	57,060
Lead	mg/kg	---	---	---	---	---	---	---	---	---
Manganese	mg/kg	---	---	---	---	---	---	---	---	---
Mercury	mg/kg	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	---	---	---	---	---	---	---	---	---
Selenium	mg/kg	---	---	---	---	---	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	---	---	---	---	---	525	340	1,737	286
Zinc	mg/kg	---	---	---	---	---	---	---	---	---
Inorganics										
Sulphate (2:1 Water Soluble) as SO4	g/l	---	---	---	---	---	---	---	---	---
Inorganic Nitrogen	mg/kg	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/kg	---	---	---	---	---	---	---	---	---
Calcium	mg/kg	---	---	---	---	---	125,000	165,300	128,400	70,790
Chloride	mg/kg	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	---	---	---	---	---	---	---	---	---
cyanides-complex	mg/kg	---	---	---	---	---	---	---	---	---
Magnesium	mg/kg	---	---	---	---	---	---	---	---	---
Nitrate (as N)	mg/kg	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	---	---	---	---	---	---	---	---
Potassium	mg/kg	---	---	---	---	---	1,138	5,611	3,106	2,133
Sodium	mg/kg	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	---	---	---	---	---	---	---	---
Sulphide	mg/kg	---	---	---	---	---	---	---	---	---
Sulphur as S	%	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	---	---	---	---	---	---	---	---
PAH										
Naphthalene	mg/kg	---	---	---	---	---	---	---	---	---
Acenaphthene	mg/kg	---	---	---	---	---	---	---	---	---
Acenaphthylene	mg/kg	---	---	---	---	---	---	---	---	---
Fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene	mg/kg	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
Fluorene	mg/kg	---	---	---	---	---	---	---	---	---
Chrysene	mg/kg	---	---	---	---	---	---	---	---	---
Pyrene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(a)anthracene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
Dibenz(a,h)anthracene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
PAH 16 Total	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(b+k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
TPH CWG										
>C5-C6 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C6-C8 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C8-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C16-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-EA-44-S8	SHO-EA-46-S1	SHO-EA-46-S2	SHO-EA-47-S2	SHO-EA-49-S1	SHO-EA-49-S2	SHO-EA-50-S3	SHO-EA-43-S1	SHO-EB-45-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-6-210423	23-3460-1-150323	23-3460-1-150323	23-3460-1-150323	23-3460-1-150323	23-3460-1-150323	23-3460-1-150323	23-3837-3-040423	23-3837-1-170323
Date		13 Apr 2023	03 Mar 2023	03 Mar 2023	01 Mar 2023	02 Mar 2023	02 Mar 2023	02 Mar 2023	23 Mar 2023	06 Mar 2023
Depth		4.5	1.5	3	3	1.5	3	4.5	1.5	1.5
	Unit									
Metals										
Aluminium	mg/kg	---	---	---	---	---	---	---	---	---
Antimony	mg/kg	---	---	---	---	---	---	---	---	---
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---
Barium	mg/kg	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	---	---	---	---	---	---	---	---	---
Boron	mg/kg	---	---	---	---	---	---	---	---	---
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---
Chromium (hexavalent)	mg/kg	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---
Iron	mg/kg	128,500	159,700	179,900	187,500	138,400	174,200	---	76,460	167,200
Lead	mg/kg	---	---	---	---	---	---	---	---	---
Manganese	mg/kg	---	---	---	---	---	---	---	---	---
Mercury	mg/kg	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	---	---	---	---	---	---	---	---	---
Selenium	mg/kg	---	---	---	---	---	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	1,554	858	1,870	6,466	2,674	1,231	---	432	2,171
Zinc	mg/kg	---	---	---	---	---	---	---	---	---
Inorganics										
Sulphate (2:1 Water Soluble) as SO4	g/l	---	---	---	---	---	---	---	---	---
Inorganic Nitrogen	mg/kg	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/kg	---	---	---	---	---	---	---	---	---
Calcium	mg/kg	159,500	153,300	214,000	254,900	190,800	137,700	---	87,100	171,900
Chloride	mg/kg	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	---	---	---	---	---	---	---	---	---
cyanides-complex	mg/kg	---	---	---	---	---	---	---	---	---
Magnesium	mg/kg	---	---	---	---	---	---	---	---	---
Nitrate (as N)	mg/kg	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	---	---	---	---	---	---	---	---
Potassium	mg/kg	2,146	1,236	1,214	200	1,590	682	---	2,479	746
Sodium	mg/kg	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	---	---	---	---	---	---	---	---
Sulphide	mg/kg	---	---	---	---	---	---	---	---	---
Sulphur as S	%	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	---	---	---	---	---	---	---	---
PAH										
Naphthalene	mg/kg	---	---	---	---	---	---	---	---	---
Acenaphthene	mg/kg	---	---	---	---	---	---	---	---	---
Acenaphthylene	mg/kg	---	---	---	---	---	---	---	---	---
Fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene	mg/kg	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
Fluorene	mg/kg	---	---	---	---	---	---	---	---	---
Chrysene	mg/kg	---	---	---	---	---	---	---	---	---
Pyrene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(a)anthracene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
Dibenz(a,h)anthracene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
PAH 16 Total	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(b+k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
TPH CWG										
>C5-C6 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C6-C8 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C8-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C16-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-EB-45-S2	SHO-EB-46-S1	SHO-EB-46-S2	SHO-EB-49-S3	SHO-EB-50-S2	SHO-EC-42-S2	SHO-EC-45-S1	SHO-EC-46-S1	SHO-EC-49-S3
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-1-170323	23-3460-1-150323	23-3460-1-150323	23-3837-14-230523	23-3837-14-230523	23-3837-3-040423	23-3837-1-170323	23-3460-1-150323	23-3837-14-230523
Date		06 Mar 2023	03 Mar 2023	03 Mar 2023	11 May 2023	11 May 2023	23 Mar 2023	06 Mar 2023	03 Mar 2023	11 May 2023
Depth		3	1.5	3	4.5	3	3	1.5	0.5	4.5
	Unit									
Metals										
Aluminium	mg/kg	---	---	---	---	---	---	---	---	---
Antimony	mg/kg	---	---	---	---	---	---	---	---	---
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---
Barium	mg/kg	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	---	---	---	---	---	---	---	---	---
Boron	mg/kg	---	---	---	---	---	---	---	---	---
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---
Chromium (hexavalent)	mg/kg	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---
Iron	mg/kg	130,900	199,400	228,400	0	163,000	102,300	67,740	15,980	131,100
Lead	mg/kg	---	---	---	---	---	---	---	---	---
Manganese	mg/kg	---	---	---	---	---	---	---	---	---
Mercury	mg/kg	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	---	---	---	---	---	---	---	---	---
Selenium	mg/kg	---	---	---	---	---	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	2,214	3,308	1,501	0	2,990	2,415	1,520	134	1,660
Zinc	mg/kg	---	---	---	---	---	---	---	---	---
Inorganics										
Sulphate (2:1 Water Soluble) as SO4	g/l	---	---	---	---	---	---	---	---	---
Inorganic Nitrogen	mg/kg	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/kg	---	---	---	---	---	---	---	---	---
Calcium	mg/kg	151,500	205,700	159,300	0	225,600	160,600	192,800	179,800	145,500
Chloride	mg/kg	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	---	---	---	---	---	---	---	---	---
cyanides-complex	mg/kg	---	---	---	---	---	---	---	---	---
Magnesium	mg/kg	---	---	---	---	---	---	---	---	---
Nitrate (as N)	mg/kg	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	---	---	---	---	---	---	---	---
Potassium	mg/kg	905	567	853	0	425	2,174	1,847	4,694	1,679
Sodium	mg/kg	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	---	---	---	---	---	---	---	---
Sulphide	mg/kg	---	---	---	---	---	---	---	---	---
Sulphur as S	%	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	---	---	---	---	---	---	---	---
PAH										
Naphthalene	mg/kg	---	---	---	---	---	---	---	---	---
Acenaphthene	mg/kg	---	---	---	---	---	---	---	---	---
Acenaphthylene	mg/kg	---	---	---	---	---	---	---	---	---
Fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene	mg/kg	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
Fluorene	mg/kg	---	---	---	---	---	---	---	---	---
Chrysene	mg/kg	---	---	---	---	---	---	---	---	---
Pyrene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(a)anthracene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
Dibenz(a,h)anthracene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
PAH 16 Total	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(b+k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
TPH CWG										
>C5-C6 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C6-C8 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C8-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C16-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-EC-51-S1	SHO-ED-42-S2	SHO-ED-42-S3	SHO-ED-43-S2	SHO-ED-45-S2	SHO-ED-47-S2	SHO-ED-48-S2	SHO-ED-49-S1	SHO-ED-49-S2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-1-170323	23-3837-3-040423	23-3837-3-040423	23-3837-2-290323	23-3837-1-170323	23-3837-4-120423	23-3837-4-120423	23-3837-14-230523	23-3837-14-230523
Date		06 Mar 2023	22 Mar 2023	22 Mar 2023	22 Mar 2023	06 Mar 2023	30 Mar 2023	30 Mar 2023	11 May 2023	11 May 2023
Depth		1.5	3	4.5	3	3	1.5	1.5	1.5	3
	Unit									
Metals										
Aluminium	mg/kg	---	---	---	---	---	---	---	---	---
Antimony	mg/kg	---	---	---	---	---	---	---	---	---
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---
Barium	mg/kg	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	---	---	---	---	---	---	---	---	---
Boron	mg/kg	---	---	---	---	---	---	---	---	---
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---
Chromium (hexavalent)	mg/kg	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---
Iron	mg/kg	115,400	199,400	20,450	46,110	60,450	197,500	202,000	118,300	165,900
Lead	mg/kg	---	---	---	---	---	---	---	---	---
Manganese	mg/kg	---	---	---	---	---	---	---	---	---
Mercury	mg/kg	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	---	---	---	---	---	---	---	---	---
Selenium	mg/kg	---	---	---	---	---	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	2,793	745	117	355	172	1,087	330	2,647	2,845
Zinc	mg/kg	---	---	---	---	---	---	---	---	---
Inorganics										
Sulphate (2:1 Water Soluble) as SO4	g/l	---	---	---	---	---	---	---	---	---
Inorganic Nitrogen	mg/kg	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/kg	---	---	---	---	---	---	---	---	---
Calcium	mg/kg	144,000	73,850	120,700	59,310	97,720	109,300	80,670	207,500	193,000
Chloride	mg/kg	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	---	---	---	---	---	---	---	---	---
cyanides-complex	mg/kg	---	---	---	---	---	---	---	---	---
Magnesium	mg/kg	---	---	---	---	---	---	---	---	---
Nitrate (as N)	mg/kg	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	---	---	---	---	---	---	---	---
Potassium	mg/kg	1,507	2,054	1,757	2,567	3,593	1,419	2,314	1,355	960
Sodium	mg/kg	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	---	---	---	---	---	---	---	---
Sulphide	mg/kg	---	---	---	---	---	---	---	---	---
Sulphur as S	%	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	---	---	---	---	---	---	---	---
PAH										
Naphthalene	mg/kg	---	---	---	---	---	---	---	---	---
Acenaphthene	mg/kg	---	---	---	---	---	---	---	---	---
Acenaphthylene	mg/kg	---	---	---	---	---	---	---	---	---
Fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene	mg/kg	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
Fluorene	mg/kg	---	---	---	---	---	---	---	---	---
Chrysene	mg/kg	---	---	---	---	---	---	---	---	---
Pyrene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(a)anthracene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
Dibenz(a,h)anthracene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
PAH 16 Total	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(b+k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
TPH CWG										
>C5-C6 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C6-C8 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C8-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C16-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-ED-49-S3	SHO-EE-50-S3	SHO-EE-45-S2	SHO-ED-45-S3	SHO-EE-42-S3	SHO-EE-45-S3	SHO-EF-46-S3	SHO-EF-49-S1	SHO-EG-43-S2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-14-230523	23-3837-1-170323	23-3837-5-180423	23-3837-5-180423	23-3837-4-120423	23-3837-4-120423	23-3837-4-120423	23-3837-1-170323	23-3837-5-180423
Date		11 May 2023	07 Mar 2023	05 Apr 2023	05 Apr 2023	29 Mar 2023	30 Mar 2023	30 Mar 2023	09 Mar 2023	04 Apr 2023
Depth		4.5	4.5	3	4.5	4.5	3	3	1.5	3
	Unit									
Metals										
Aluminium	mg/kg	---	---	---	---	---	---	---	---	---
Antimony	mg/kg	---	---	---	---	---	---	---	---	---
Arsenic	mg/kg	---	---	---	---	---	---	---	---	---
Barium	mg/kg	---	---	---	---	---	---	---	---	---
Beryllium	mg/kg	---	---	---	---	---	---	---	---	---
Boron	mg/kg	---	---	---	---	---	---	---	---	---
Cadmium	mg/kg	---	---	---	---	---	---	---	---	---
Chromium (hexavalent)	mg/kg	---	---	---	---	---	---	---	---	---
Chromium	mg/kg	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---	---
Iron	mg/kg	86,917	137,800	73,270	80,190	29,560	390,100	150,100	52,540	154,400
Lead	mg/kg	---	---	---	---	---	---	---	---	---
Manganese	mg/kg	---	---	---	---	---	---	---	---	---
Mercury	mg/kg	---	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	---	---	---	---	---	---	---	---	---
Selenium	mg/kg	---	---	---	---	---	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	1,395	2,809	284	968	407	146	4,054	360	4,888
Zinc	mg/kg	---	---	---	---	---	---	---	---	---
Inorganics										
Sulphate (2:1 Water Soluble) as SO4	g/l	---	---	---	---	---	---	---	---	---
Inorganic Nitrogen	mg/kg	---	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/kg	---	---	---	---	---	---	---	---	---
Calcium	mg/kg	130,631	187,300	87,920	86,500	71,050	23,990	238,300	80,640	226,400
Chloride	mg/kg	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	---	---	---	---	---	---	---	---	---
cyanides-complex	mg/kg	---	---	---	---	---	---	---	---	---
Magnesium	mg/kg	---	---	---	---	---	---	---	---	---
Nitrate (as N)	mg/kg	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	---	---	---	---	---	---	---	---
Potassium	mg/kg	2,054	1,057	2,078	1,345	867	2,032	568	3,297	431
Sodium	mg/kg	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	---	---	---	---	---	---	---	---
Sulphide	mg/kg	---	---	---	---	---	---	---	---	---
Sulphur as S	%	---	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	---	---	---	---	---	---	---	---
PAH										
Naphthalene	mg/kg	---	---	---	---	---	---	---	---	---
Acenaphthene	mg/kg	---	---	---	---	---	---	---	---	---
Acenaphthylene	mg/kg	---	---	---	---	---	---	---	---	---
Fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene	mg/kg	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
Fluorene	mg/kg	---	---	---	---	---	---	---	---	---
Chrysene	mg/kg	---	---	---	---	---	---	---	---	---
Pyrene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(a)anthracene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
Dibenz(a,h)anthracene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
PAH 16 Total	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(b+k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
TPH CWG										
>C5-C6 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C6-C8 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C8-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C16-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	---	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-EG-44-S2	SHO-EH-45-S3	SHO-EH-46-S3	SHO-EH-43-S1	SHO-EI-44-S1	SHO-EI-44-S2	SHO-EI-44-S3	SHO-EJ-44-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-5-180423	23-3837-14-230523	23-3837-6-210423	23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-10-120523
Date		04 Apr 2023	10 May 2023	14 Apr 2023	20 Apr 2023	20 Apr 2023	20 Apr 2023	20 Apr 2023	27 Apr 2023
Depth		3		3	0.1	0.1	1.5	2.5	1.5
	Unit								
Metals									
Aluminium	mg/kg	---	---	---	---	---	---	---	---
Antimony	mg/kg	---	---	---	---	---	---	---	---
Arsenic	mg/kg	---	---	---	---	---	---	---	---
Barium	mg/kg	---	---	---	---	---	---	---	---
Beryllium	mg/kg	---	---	---	---	---	---	---	---
Boron	mg/kg	---	---	---	---	---	---	---	---
Cadmium	mg/kg	---	---	---	---	---	---	---	---
Chromium (hexavalent)	mg/kg	---	---	---	---	---	---	---	---
Chromium	mg/kg	---	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---	---
Iron	mg/kg	99,900	144,000	94,030	---	---	---	19,680	38,590
Lead	mg/kg	---	---	---	---	---	---	---	---
Manganese	mg/kg	---	---	---	---	---	---	---	---
Mercury	mg/kg	---	---	---	---	---	---	---	---
Molybdenum	mg/kg	---	---	---	---	---	---	---	---
Nickel	mg/kg	---	---	---	---	---	---	---	---
Selenium	mg/kg	---	---	---	---	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---
Vanadium	mg/kg	1,858	1,163	651	---	---	---	138	166
Zinc	mg/kg	---	---	---	---	---	---	---	---
Inorganics									
Sulphate (2:1 Water Soluble) as SO4	g/l	---	---	---	---	---	---	---	---
Inorganic Nitrogen	mg/kg	---	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/kg	---	---	---	---	---	---	---	---
Calcium	mg/kg	160,000	180,800	108,800	---	---	---	208,800	63,400
Chloride	mg/kg	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	---	---	---	---	---	---	---
Cyanide Total	mg/kg	---	---	---	---	---	---	---	---
cyanides-complex	mg/kg	---	---	---	---	---	---	---	---
Magnesium	mg/kg	---	---	---	---	---	---	---	---
Nitrate (as N)	mg/kg	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	---	---	---	---	---	---	---
Potassium	mg/kg	1,835	2,169	1,982	---	---	---	3,134	4,307
Sodium	mg/kg	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	---	---	---	---	---	---	---
Sulphide	mg/kg	---	---	---	---	---	---	---	---
Sulphur as S	%	---	---	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	---	---	---	---	---	---	---
PAH									
Naphthalene	mg/kg	---	---	---	---	---	---	---	---
Acenaphthene	mg/kg	---	---	---	---	---	---	---	---
Acenaphthylene	mg/kg	---	---	---	---	---	---	---	---
Fluoranthene	mg/kg	---	---	---	---	---	---	---	---
Anthracene	mg/kg	---	---	---	---	---	---	---	---
Phenanthrene	mg/kg	---	---	---	---	---	---	---	---
Fluorene	mg/kg	---	---	---	---	---	---	---	---
Chrysene	mg/kg	---	---	---	---	---	---	---	---
Pyrene	mg/kg	---	---	---	---	---	---	---	---
Benzo(a)anthracene	mg/kg	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	mg/kg	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	---	---	---	---	---	---	---	---
Dibenz(a,h)anthracene	mg/kg	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	---	---	---	---	---
PAH 16 Total	mg/kg	---	---	---	---	---	---	---	---
Benzo(b+k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---
TPH CWG									
>C5-C6 Aliphatics	mg/kg	---	---	---	---	---	---	---	---
>C6-C8 Aliphatics	mg/kg	---	---	---	---	---	---	---	---
>C8-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	---	---	---	---	---	---	---	---
>C16-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	---	---	---	---	---	---	---
>C16-C21 Aliphatics	mg/kg	---	---	---	---	---	---	---	---
>C21-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---	---
>C35-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	---	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	---	---	---	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	---	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth											
	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
	SHO-SL-S1	SHO-SL-S1	SHO-SL-S4	SHO-SL-S4	SHO-SL-S9	SHO-SL-S9	SHO-SL-S10	SHO-SL-S10	SHO-SL-S11	SHO-SL-S11	SHO-SL-S11
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123
Unit	13 Jan 2023	13 Jan 2023	13 Jan 2023	13 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023
	2	2	4	4							
Metals											
Aluminium	mg/kg	18,820	---	7,236	---	12,030	---	12,460	---	11,240	---
Antimony	mg/kg	<5	---	4	---	<5	---	7	---	<5	---
Arsenic	mg/kg	5	---	17.1	---	0.7	---	60.0	---	12.6	---
Barium	mg/kg	290	---	100	---	256	---	592	---	281	---
Beryllium	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron	mg/kg	2.1	---	2	---	1.4	---	1.8	---	2.3	---
Cadmium	mg/kg	<0.1	---	0.1	---	<0.1	---	<0.1	---	<0.1	---
Chromium (hexavalent)	mg/kg	<0.3	---	<0.3	---	<0.3	---	<0.3	---	<0.3	---
Chromium	mg/kg	319.7	---	153.3	---	514.3	---	180.2	---	531.4	---
Copper	mg/kg	24	---	32	---	19	---	84	---	46	---
Iron	mg/kg	94,450	---	47,910	---	145,000	---	228,100	---	176,600	---
Lead	mg/kg	32	---	79	---	14	---	123	---	84	---
Manganese	mg/kg	30,670	---	6,539	---	32,130	---	44,900	---	36,370	---
Mercury	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Molybdenum	mg/kg	1.7	---	2.9	---	2.5	---	9.1	---	4.2	---
Nickel	mg/kg	16.7	---	17.1	---	7.6	---	79.7	---	33.8	---
Selenium	mg/kg	8	---	8	---	10	---	13	---	10	---
Silicon	mg/kg	122	---	216.9	---	100.9	---	88.3	---	105.3	---
Vanadium	mg/kg	1,963	---	434	---	2,691	---	835	---	2,463	---
Zinc	mg/kg	100	---	156	---	43	---	418	---	198	---
Inorganics											
Sulphate (2:1 Water Soluble) as SO4	g/l	0.0257	---	0.158	---	<0.0015	---	0.0634	---	0.0023	---
Inorganic Nitrogen	mg/kg	<2.5	---	<2.5	---	<2.5	---	<2.5	---	<2.5	---
Ortho phosphate as PO4	mg/kg	<0.3	---	<0.3	---	<0.3	---	<0.3	---	<0.3	---
Ammoniacal Nitrogen as N	mg/kg	<0.6	---	<0.6	---	<0.6	---	<0.6	---	<0.6	---
Calcium	mg/kg	158,000	---	67,770	---	205,500	---	96,800	---	180,300	---
Chloride	mg/kg	126	---	60	---	73	---	161	---	240	---
Cyanide (Free)	mg/kg	<0.5	---	<0.5	---	<0.5	---	<0.5	---	<0.5	---
Cyanide Total	mg/kg	1.1	---	<0.5	---	<0.5	---	1.3	---	2.2	---
cyanides-complex	mg/kg	1.1	---	<0.5	---	<0.5	---	1.3	---	2.2	---
Magnesium	mg/kg	18,650	---	8,565	---	20,530	---	16,760	---	24,690	---
Nitrate (as N)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	<2.5	---	<2.5	---	<2.5	---	<2.5	---	<2.5	---
Nitrite (as NO2-)	mg/kg	0.56	---	0.2	---	2.56	---	0.23	---	1.25	---
Potassium	mg/kg	1,752	---	562	---	741	---	1,902	---	890	---
Sodium	mg/kg	871	---	302	---	699	---	1,258	---	771	---
Sulphate	mg/kg	2,608	---	1,641	---	2,649	---	3,470	---	3,196	---
Sulphide	mg/kg	<10	---	<10	---	<10	---	<10	---	<10	---
Sulphur as S	%	0.16	---	0.09	---	0.17	---	0.23	---	0.17	---
Thiocyanate (as SCN)	mg/kg	<0.6	---	<0.6	---	<0.6	---	<0.6	---	<0.6	---
PAH											
Naphthalene	mg/kg	<0.027	0.1	<0.027	---	<0.027	0.27	<0.027	0.07	<0.027	0.07
Acenaphthene	mg/kg	<0.05	---	<0.05	---	<0.05	---	<0.17	---	<0.05	---
Acenaphthylene	mg/kg	0.11	---	<0.03	---	<0.03	---	<0.03	---	<0.03	---
Fluoranthene	mg/kg	1.67	---	0.95	---	0.38	---	3.10	---	2.55	---
Anthracene	mg/kg	0.37	---	0.05	---	<0.04	---	0.20	---	1.78	---
Phenanthrene	mg/kg	0.99	---	0.52	---	0.28	---	1.06	---	1.30	---
Fluorene	mg/kg	0.1	---	<0.04	---	<0.04	---	0.07	---	<0.04	---
Chrysene	mg/kg	0.79	---	0.44	---	0.21	---	2.61	---	1.03	---
Pyrene	mg/kg	1.45	---	0.7	---	0.28	---	2.97	---	1.94	---
Benzo(a)anthracene	mg/kg	0.74	---	0.48	---	0.21	---	2.44	---	0.85	---
Benzo(b)fluoranthene	mg/kg	0.91	---	0.56	---	0.27	---	4.59	---	1.09	---
Benzo(k)fluoranthene	mg/kg	0.36	0.4	0.22	3.9	0.11	---	1.79	---	0.43	---
Benzo(a)pyrene	mg/kg	<0.04	---	<0.04	---	<0.04	---	3.43	---	0.60	---
Dibenz(a,h)anthracene	mg/kg	0.11	---	0.08	---	<0.04	---	0.64	---	0.13	---
Benzo(g,h,i)perylene	mg/kg	0.38	---	0.27	---	0.13	---	2.76	---	0.50	---
Indeno(1,2,3-c,d)pyrene	mg/kg	0.47	---	0.32	---	0.15	---	3.16	---	0.60	---
PAH 16 Total	mg/kg	8.6	---	4.6	---	2.3	---	29.1	---	12.9	---
Benzo(b+k)fluoranthene	mg/kg	1.27	---	0.78	---	0.38	---	6.38	---	1.52	---
TPH CWG											
>C5-C6 Aliphatics	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
>C6-C8 Aliphatics	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
>C8-C10 Aliphatics	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
>C10-C12 Aliphatics	mg/kg	<0.2	---	<0.2	---	<0.2	---	<0.2	---	<0.2	---
>C16-C35 Aliphatics	mg/kg	75	---	<14	---	38	---	414	---	217	---
>C12-C16 Aliphatics	mg/kg	<4	---	<4	---	<4	---	<4	---	7	---
>C16-C21 Aliphatics	mg/kg	10	---	<7	---	<7	---	51	---	43	---
>C21-C35 Aliphatics	mg/kg	65	---	<7	---	31	---	363	---	174	---
>C35-C44 Aliphatics	mg/kg	<7	---	<7	---	<7	---	32	---	<7	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	75	---	<26	---	31	---	446	---	224	---
>EC5-EC7 Aromatics	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
>EC7-EC8 Aromatics	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth											
	Unit										
Metals											
Aluminium	mg/kg	19,100	---	14,200	---	36,300	---	9,520	---	18,200	29,390
Antimony	mg/kg	<5	---	3	---	1	---	<5	---	<10	18
Arsenic	mg/kg	12.6	---	6.8	---	8.3	---	7.6	---	10.9	26.2
Barium	mg/kg	608	---	291	---	690	---	221	---	510	382
Beryllium	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron	mg/kg	5.4	---	2.9	---	2.9	---	2.9	---	3.0	3.9
Cadmium	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	30.3
Chromium (hexavalent)	mg/kg	<0.3	---	<0.3	---	<0.3	---	<0.3	---	2.7	<0.3
Chromium	mg/kg	338	---	104	---	59.6	---	508	---	2,060	409.1
Copper	mg/kg	61	---	87	---	25	---	55	---	87	472
Iron	mg/kg	157,000	---	55,000	---	29,800	---	179,000	---	155,000	152,200
Lead	mg/kg	112	---	39	---	30	---	126	---	28	1,416
Manganese	mg/kg	24,100	---	4,730	---	4,690	---	35,400	---	65,900	17,220
Mercury	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	<0.1
Molybdenum	mg/kg	4.1	---	3.2	---	1.2	---	3.4	---	8.5	4.2
Nickel	mg/kg	35.1	---	21.0	---	22.0	---	31.3	---	27.7	85.2
Selenium	mg/kg	7	---	7	---	3	---	10	---	18	6
Silicon	mg/kg	9,270	---	3,360	---	5,640	---	12,000	---	6,320	5,472
Vanadium	mg/kg	1,430	---	168	---	121	---	3,350	---	1,750	469
Zinc	mg/kg	891	---	110	---	90	---	280	---	68	16,660
Inorganics											
Sulphate (2:1 Water Soluble) as SO4	g/l	0.163	---	0.230	---	0.353	---	0.0065	---	0.0036	0.2881
Inorganic Nitrogen	mg/kg	<2.5	---	<2.5	---	5.0	---	<2.5	---	<2.5	<2.5
Ortho phosphate as PO4	mg/kg	<0.3	---	<0.3	---	<0.3	---	<0.3	---	<0.3	<0.3
Ammoniacal Nitrogen as N	mg/kg	<0.6	---	<0.6	---	<0.6	---	<0.6	---	<0.6	<0.6
Calcium	mg/kg	138,000	---	47,900	---	99,800	---	204,000	---	235,000	90,040
Chloride	mg/kg	100	---	86	---	97	---	44	---	11	42
Cyanide (Free)	mg/kg	<0.5	---	<0.5	---	<0.5	---	<0.5	---	<0.5	<0.5
Cyanide Total	mg/kg	0.8	---	<0.5	---	<0.5	---	<0.5	---	<0.5	0.9
cyanides-complex	mg/kg	0.8	---	<0.5	---	<0.5	---	<0.5	---	<0.5	0.9
Magnesium	mg/kg	27,900	---	9,180	---	19,200	---	23,500	---	25,600	5,982
Nitrate (as N)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	<2.5	---	<2.5	---	21.7	---	<2.5	---	<2.5	<2.5
Nitrite (as NO2-)	mg/kg	0.59	---	0.26	---	0.26	---	1.25	---	0.30	0.39
Potassium	mg/kg	1,620	---	2,350	---	3,690	---	546	---	325	2,273
Sodium	mg/kg	815	---	905	---	1,050	---	626	---	379	1,982
Sulphate	mg/kg	5,970	---	2,160	---	4,590	---	3,070	---	4,640	6,615
Sulphide	mg/kg	<10	---	<10	---	<10	---	<10	---	<10	<10
Sulphur as S	%	0.29	---	0.14	---	0.26	---	0.16	---	0.2	0.3
Thiocyanate (as SCN)	mg/kg	<0.6	---	<0.6	---	<0.6	---	<0.6	---	<0.6	<0.6
PAH											
Naphthalene	mg/kg	<0.027	0.23	<0.027	0.06	<0.027	0.09	<0.027	0.10	<0.027	0.118
Acenaphthene	mg/kg	0.14	---	<0.05	---	<0.05	---	0.09	---	<0.05	0.27
Acenaphthylene	mg/kg	0.09	---	0.06	---	<0.03	---	0.09	---	<0.03	0.88
Fluoranthene	mg/kg	3.09	---	1.12	---	0.36	---	2.43	---	0.24	3.3
Anthracene	mg/kg	0.16	---	0.31	---	0.04	---	0.31	---	<0.04	1.7
Phenanthrene	mg/kg	1.47	---	0.51	---	0.14	---	1.30	---	0.08	7.51
Fluorene	mg/kg	0.09	---	<0.04	---	<0.04	---	0.06	---	<0.04	0.2
Chrysene	mg/kg	1.95	---	0.60	---	0.22	---	1.39	---	0.16	6.7
Pyrene	mg/kg	2.58	---	1.23	---	0.31	---	2.09	---	0.20	12.72
Benzo(a)anthracene	mg/kg	1.57	---	0.59	---	0.21	---	1.02	---	0.16	6.56
Benzo(b)fluoranthene	mg/kg	2.57	---	0.81	---	0.27	---	1.87	---	0.23	9.33
Benzo(k)fluoranthene	mg/kg	1.00	---	0.32	---	0.11	---	0.73	---	0.09	3.63
Benzo(a)pyrene	mg/kg	1.84	---	0.54	---	0.17	---	1.16	---	0.16	6.4
Dibenz(a,h)anthracene	mg/kg	0.32	---	0.10	---	<0.04	---	0.22	---	<0.04	0.9
Benzo(g,h,i)perylene	mg/kg	1.33	---	0.41	---	0.13	---	0.96	---	0.13	4.94
Indeno(1,2,3-c,d)pyrene	mg/kg	1.73	---	0.46	---	0.14	---	1.14	---	0.15	5.96
PAH 16 Total	mg/kg	20.3	---	7.0	---	2.2	---	15.0	---	1.6	84.8
Benzo(b+k)fluoranthene	mg/kg	3.57	---	1.13	---	0.38	---	2.60	---	0.32	12.96
TPH CWG											
>C5-C6 Aliphatics	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	<0.1
>C6-C8 Aliphatics	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	<0.1
>C8-C10 Aliphatics	mg/kg	<0.1	---	<0.1	---	<0.1	---	0.2	---	<0.1	<0.1
>C10-C12 Aliphatics	mg/kg	<0.2	---	<0.2	---	<0.2	---	<0.2	---	<0.2	<0.2
>C16-C35 Aliphatics	mg/kg	115	---	<14	---	<14	---	348	---	<14	<14
>C12-C16 Aliphatics	mg/kg	6	---	<4	---	<4	---	<4	---	<4	<4
>C16-C21 Aliphatics	mg/kg	28	---	<7	---	<7	---	<7	---	<7	<7
>C21-C35 Aliphatics	mg/kg	87	---	<7	---	<7	---	341	---	<7	<7
>C35-C44 Aliphatics	mg/kg	<7	---	<7	---	<7	---	23	---	<7	<7
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	121	---	<26	---	<26	---	364	---	<26	<26
>EC5-EC7 Aromatics	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	<0.1
>EC7-EC8 Aromatics	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	<0.1

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-SL-S24	SHO-SL-S25	SHO-SL-S25	SHO-SL-S28	SHO-SL-S28	SHO-SL-S31	SHO-SL-S31	SHO-SL-S34	SHO-SL-S34
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-919-1-300123	23-919-1-300123	23-919-1-300123	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223
Date		20 Jan 2023	20 Jan 2023	20 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023
Depth										
	Unit									
Metals										
Aluminium	mg/kg	---	12,760	---	19,860	---	10,380	---	18,150	---
Antimony	mg/kg	---	<5	---	4	---	14	---	<5	---
Arsenic	mg/kg	---	23.6	---	14.1	---	20.8	---	56	---
Barium	mg/kg	---	292	---	269	---	236	---	798	---
Beryllium	mg/kg	---	---	---	---	---	---	---	---	---
Boron	mg/kg	---	3.2	---	42.7	---	7	---	10.1	---
Cadmium	mg/kg	---	<0.1	---	0.7	---	<0.1	---	0.2	---
Chromium (hexavalent)	mg/kg	---	<0.3	---	<0.3	---	<0.3	---	<0.3	---
Chromium	mg/kg	---	381.5	---	112.3	---	400	---	328.9	---
Copper	mg/kg	---	56	---	82	---	227	---	98	---
Iron	mg/kg	---	118,300	---	47,320	---	363,400	---	113,700	---
Lead	mg/kg	---	188	---	75	---	95	---	131	---
Manganese	mg/kg	---	35,950	---	3,826	---	19,180	---	27,140	---
Mercury	mg/kg	---	<0.1	---	1.7	---	<0.1	---	<0.1	---
Molybdenum	mg/kg	---	3.4	---	2.3	---	5.8	---	8	---
Nickel	mg/kg	---	47.2	---	33.4	---	55.5	---	60	---
Selenium	mg/kg	---	10	---	2	---	5	---	10	---
Silicon	mg/kg	---	10,410	---	104.3	---	65.5	---	92.8	---
Vanadium	mg/kg	---	3,555	---	390	---	1,820	---	571	---
Zinc	mg/kg	---	379	---	343	---	172	---	571	---
Inorganics										
Sulphate (2:1 Water Soluble) as SO4	g/l	---	0.019	---	0.0087	---	0.0513	---	0.2435	---
Inorganic Nitrogen	mg/kg	---	<2.5	---	130	---	54	---	3.9	---
Ortho phosphate as PO4	mg/kg	---	<0.3	---	<0.3	---	<0.3	---	<0.3	---
Ammoniacal Nitrogen as N	mg/kg	---	<0.6	---	122.9	---	<0.6	---	1.1	---
Calcium	mg/kg	---	151,200	---	120,500	---	118,700	---	74,650	---
Chloride	mg/kg	---	146	---	149	---	173	---	175	---
Cyanide (Free)	mg/kg	---	<0.5	---	0.9	---	<0.5	---	<0.5	---
Cyanide Total	mg/kg	---	<0.5	---	1.1	---	<0.5	---	3.3	---
cyanides-complex	mg/kg	---	<0.5	---	<0.5	---	<0.5	---	3.3	---
Magnesium	mg/kg	---	25,930	---	9,166	---	20,640	---	13,990	---
Nitrate (as N)	mg/kg	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	<2.5	---	30.1	---	232.5	---	12.4	---
Nitrite (as NO2-)	mg/kg	---	2.79	---	0.85	---	4.8	---	<0.05	---
Potassium	mg/kg	---	1,412	---	3,036	---	630	---	2,019	---
Sodium	mg/kg	---	1,098	---	1,154	---	611	---	993	---
Sulphate	mg/kg	---	3,910	---	3,662	---	6,182	---	3,388	---
Sulphide	mg/kg	---	<10	---	13	---	<10	---	<10	---
Sulphur as S	%	---	0.18	---	0.25	---	0.29	---	0.34	---
Thiocyanate (as SCN)	mg/kg	---	<0.6	---	8.4	---	<0.6	---	<0.6	---
PAH										
Naphthalene	mg/kg	0.97	<0.027	0.49	798.021	2,265.82	0.205	6.93	<0.027	0.47
Acenaphthene	mg/kg	---	0.08	---	52.33	---	0.34	---	0.1	---
Acenaphthylene	mg/kg	---	0.48	---	88.37	---	3.83	---	0.2	---
Fluoranthene	mg/kg	16.12	5.38	---	29.9	---	1.75	---	2.06	---
Anthracene	mg/kg	---	0.96	---	28.31	---	0.62	---	0.33	---
Phenanthrene	mg/kg	---	2.42	---	179.01	---	2.33	---	1.26	---
Fluorene	mg/kg	---	0.11	---	67.56	---	0.58	---	0.1	---
Chrysene	mg/kg	---	2.83	---	71.18	---	2.33	---	1.19	---
Pyrene	mg/kg	---	5.14	---	22.92	---	2.22	---	1.73	---
Benzo(a)anthracene	mg/kg	---	2.57	---	34.65	---	1.35	---	1.12	---
Benzo(b)fluoranthene	mg/kg	---	3.53	---	30.73	---	1.84	---	1.59	---
Benzo(k)fluoranthene	mg/kg	---	1.37	---	11.95	---	0.72	---	0.62	---
Benzo(a)pyrene	mg/kg	---	2.48	---	2.6	---	0.62	---	1.1	---
Dibenz(a,h)anthracene	mg/kg	---	0.44	---	2.51	---	0.2	---	0.19	---
Benzo(g,h,i)perylene	mg/kg	---	1.81	---	0.79	---	0.37	---	0.76	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	2.11	---	1.55	---	0.42	---	0.89	---
PAH 16 Total	mg/kg	---	32.2	---	2,890.2	---	26.5	---	13.7	---
Benzo(b+k)fluoranthene	mg/kg	---	4.9	---	42.68	---	2.56	---	2.21	---
TPH CWG										
>C5-C6 Aliphatics	mg/kg	---	<0.1	---	0.2	---	<0.1	---	<0.1	---
>C6-C8 Aliphatics	mg/kg	---	<0.1	---	3.5	---	<0.1	---	<0.1	---
>C8-C10 Aliphatics	mg/kg	---	<0.1	---	13	---	<0.1	---	<0.1	---
>C10-C12 Aliphatics	mg/kg	---	<0.2	---	181.7	---	<0.2	---	<0.2	---
>C16-C35 Aliphatics	mg/kg	---	42	---	1,678	---	164	---	30	---
>C12-C16 Aliphatics	mg/kg	---	<4	---	122	---	<4	---	<4	---
>C16-C21 Aliphatics	mg/kg	---	<7	---	477	---	23	---	9	---
>C21-C35 Aliphatics	mg/kg	---	35	---	1,201	---	141	---	21	---
>C35-C44 Aliphatics	mg/kg	---	<7	---	45	---	<7	---	<7	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	---	35	---	2,043	---	164	---	30	---
>EC5-EC7 Aromatics	mg/kg	---	<0.1	---	4.4	---	<0.1	---	0.1	---
>EC7-EC8 Aromatics	mg/kg	---	<0.1	---	13.6	---	<0.1	---	0.1	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-SL-S40	SHO-SL-S40	SHO-TS1 AUK TP101-S2	SHO-TS1 AUK TP102-S2	SHO-TS1 AUK TP102-S4	SHO-TS1 AUK TP103-S3	SHO-TS1 AUK TP104-S2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-1151-1-070223	23-1151-1-070223	106848	106848	106848	106848	106848
Date		23 Jan 2023	23 Jan 2023	02 Mar 2022	02 Mar 2022	02 Mar 2022	03 Mar 2022	02 Mar 2022
Depth				3.5	2.5	4.7	1	1.6
	Unit							
Metals								
Aluminium	mg/kg	68,480	---	11,227	18,868	34,377	27,204	17,644
Antimony	mg/kg	<1	---	1	3	1	2	1
Arsenic	mg/kg	12.9	---	10	10	13	18	22
Barium	mg/kg	1,140	---	226	287	738	589	524
Beryllium	mg/kg	---	---	<1	1	3	2	1
Boron	mg/kg	3.4	---	0.5	2.6	2.4	1.8	0.5
Cadmium	mg/kg	<0.1	---	0.3	1.7	0.4	1	0.7
Chromium (hexavalent)	mg/kg	<0.3	---	<1	<1	<1	<1	<1
Chromium	mg/kg	85.6	---	580	89	87	2,328	526
Copper	mg/kg	31	---	35	35	38	77	44
Iron	mg/kg	31,390	---	121,295	34,593	46,123	177,864	104,486
Lead	mg/kg	20	---	42	70	30	71	53
Manganese	mg/kg	6,489	---	40,474	2,459	4,585	52,290	29,348
Mercury	mg/kg	<0.1	---	<0.5	0.9	<0.5	<0.5	<0.5
Molybdenum	mg/kg	1.5	---	7	3	3	17	8
Nickel	mg/kg	13	---	29	35	33	35	34
Selenium	mg/kg	5	---	---	---	---	---	---
Silicon	mg/kg	92.3	---	317	828	319	389	336
Vanadium	mg/kg	245	---	2,406	147	195	1,200	1,035
Zinc	mg/kg	78	---	118	152	61	274	129
Inorganics								
Sulphate (2:1 Water Soluble) as SO4	g/l	0.6026	---	---	---	---	---	---
Inorganic Nitrogen	mg/kg	<2.5	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	<0.3	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/kg	<0.6	---	---	---	---	---	---
Calcium	mg/kg	196,600	---	---	---	---	---	---
Chloride	mg/kg	182	---	---	---	---	---	---
Cyanide (Free)	mg/kg	<0.5	---	<1	<1	<1	<1	<1
Cyanide Total	mg/kg	1.4	---	<1	<1	<1	3.9	1.8
cyanides-complex	mg/kg	1.4	---	---	---	---	---	---
Magnesium	mg/kg	35,470	---	24,676	8,602	13,931	26,141	14,588
Nitrate (as N)	mg/kg	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	<2.5	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	<0.05	---	---	---	---	---	---
Potassium	mg/kg	3,942	---	---	---	---	---	---
Sodium	mg/kg	1,848	---	---	---	---	---	---
Sulphate	mg/kg	4,606	---	---	---	---	---	---
Sulphide	mg/kg	<10	---	---	---	---	---	---
Sulphur as S	%	0.78	---	<0.001	0.1255	0.0421	0.0019	0.0025
Thiocyanate (as SCN)	mg/kg	<0.6	---	<1	<1	3.3	1.5	1.7
PAH								
Naphthalene	mg/kg	<0.027	0.13	<0.02	439.17	9.17	0.76	0.19
Acenaphthene	mg/kg	0.08	---	<0.02	6.87	17.11	0.25	0.1
Acenaphthylene	mg/kg	<0.03	---	<0.02	6.84	2.98	0.02	0.02
Fluoranthene	mg/kg	1.67	---	0.31	4.1	18.4	6.75	1.72
Anthracene	mg/kg	0.41	---	0.04	5.03	11.26	0.57	0.16
Phenanthrene	mg/kg	1.19	---	0.24	21.42	32.42	2.87	0.75
Fluorene	mg/kg	0.05	---	<0.02	10.48	23.23	0.12	0.05
Chrysene	mg/kg	0.84	---	0.22	8.22	7.24	4.96	1.36
Pyrene	mg/kg	1.38	---	0.29	4.04	14.34	6.23	1.66
Benzo(a)anthracene	mg/kg	0.82	---	0.16	3.71	7.67	4.32	1.13
Benzo(b)fluoranthene	mg/kg	1.12	---	0.25	0.44	7.51	7.15	1.75
Benzo(k)fluoranthene	mg/kg	0.44	---	0.1	0.4	3.27	2.58	0.71
Benzo(a)pyrene	mg/kg	0.79	---	0.12	0.47	6.45	5.38	1.3
Dibenz(a,h)anthracene	mg/kg	0.12	---	0.02	0.19	0.91	0.89	0.21
Benzo(g,h,i)perylene	mg/kg	0.54	---	0.12	0.22	4.04	4.03	1.04
Indeno(1,2,3-c,d)pyrene	mg/kg	0.64	---	0.13	0.29	4.57	4.6	1.19
PAH 16 Total	mg/kg	10.2	---	2	512	171	52	13
Benzo(b+k)fluoranthene	mg/kg	1.56	---	---	---	---	---	---
TPH CWG								
>C5-C6 Aliphatics	mg/kg	<0.1	---	<0.1	0.4	<0.1	<0.1	<0.1
>C6-C8 Aliphatics	mg/kg	<0.1	---	<0.1	3.4	<0.1	<0.1	<0.1
>C8-C10 Aliphatics	mg/kg	0.1	---	<0.1	55	0.24	<0.1	<0.1
>C10-C12 Aliphatics	mg/kg	<0.2	---	<6	133	<6	<6	<6
>C16-C35 Aliphatics	mg/kg	64	---	28	273	<15	<15	27
>C12-C16 Aliphatics	mg/kg	<4	---	17	55	<6	<6	<6
>C16-C21 Aliphatics	mg/kg	12	---	---	---	---	---	---
>C21-C35 Aliphatics	mg/kg	52	---	---	---	---	---	---
>C35-C44 Aliphatics	mg/kg	<7	---	<10	22	<10	<10	11
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	64	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	<0.1	---	<0.01	1.25	<0.01	<0.01	<0.01
>EC7-EC8 Aromatics	mg/kg	<0.1	---	<0.01	6.56	<0.01	<0.01	<0.01

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	GMG	GMG	GMG	GMG	GMG	GMG	GMG
		SHO-TS1 AUK TP105-S4	SHO-TS1 AUK TP106-S2	SHO-TS1 AUK TP107-S2	SHO-TS1 AUK TP107-S5	SHO-TS1 AUK TP107-S7	SHO-TS1 AUK TP108-S1	SHO-TS1 AUK TP109-S1
		Soil	Soil	Soil	Soil	Soil	Soil	Soil
		106848	106848	106848	106848	106848	106848	106848
		02 Mar 2022	04 Mar 2022	04 Mar 2022	04 Mar 2022	04 Mar 2022	03 Mar 2022	03 Mar 2022
		1	2.5	1	3	4.2	3	3.5
	Unit							
Metals								
Aluminium	mg/kg	12,115	23,157	26,190	21,661	21,756	16,387	26,116
Antimony	mg/kg	2	1	1	1	1	1	3
Arsenic	mg/kg	22	12	9	17	16	9	12
Barium	mg/kg	311	507	427	553	646	362	535
Beryllium	mg/kg	1	2	2	2	3	1	2
Boron	mg/kg	2.2	1.8	1.8	<0.5	<0.5	1.2	1.1
Cadmium	mg/kg	1.1	1.2	0.2	0.4	0.3	0.5	0.9
Chromium (hexavalent)	mg/kg	<1	<1	<1	<1	<1	<1	<1
Chromium	mg/kg	146	319	104	894	829	401	1,265
Copper	mg/kg	154	68	20	53	37	33	51
Iron	mg/kg	64,598	78,119	30,957	81,455	76,501	69,498	63,178
Lead	mg/kg	276	82	37	65	45	57	79
Manganese	mg/kg	13,964	15,018	2,594	19,013	22,196	15,629	11,069
Mercury	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1
Molybdenum	mg/kg	5	5	2	5	4	4	6
Nickel	mg/kg	36	29	27	26	17	22	21
Selenium	mg/kg	---	---	---	---	---	---	---
Silicon	mg/kg	294	321	519	364	338	307	334
Vanadium	mg/kg	567	1,681	147	1,918	1,909	1,524	484
Zinc	mg/kg	790	167	94	138	108	165	212
Inorganics								
Sulphate (2:1 Water Soluble) as SO4	g/l	---	---	---	---	---	---	---
Inorganic Nitrogen	mg/kg	---	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/kg	---	---	---	---	---	---	---
Calcium	mg/kg	---	---	---	---	---	---	---
Chloride	mg/kg	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	<1	<1	<1	<1	<1	<1	<1
Cyanide Total	mg/kg	12.6	<1	<1	<1	<1	<1	<1
cyanides-complex	mg/kg	---	---	---	---	---	---	---
Magnesium	mg/kg	9,905	19,318	12,455	27,036	27,202	21,143	12,925
Nitrate (as N)	mg/kg	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	---	---	---	---	---	---
Potassium	mg/kg	---	---	---	---	---	---	---
Sodium	mg/kg	---	---	---	---	---	---	---
Sulphate	mg/kg	---	---	---	---	---	---	---
Sulphide	mg/kg	---	---	---	---	---	---	---
Sulphur as S	%	0.0136	0.0076	0.0072	0.0069	0.0071	0.0047	0.0155
Thiocyanate (as SCN)	mg/kg	4.8	1.6	<1	<1	<1	1.4	2.1
PAH								
Naphthalene	mg/kg	1.35	0.07	0.05	0.14	0.05	0.38	0.43
Acenaphthene	mg/kg	1.33	0.05	<0.02	0.05	0.03	0.11	0.04
Acenaphthylene	mg/kg	0.25	0.02	0.03	0.04	<0.02	0.04	0.05
Fluoranthene	mg/kg	8.35	1.1	0.7	1.2	0.75	4.33	0.49
Anthracene	mg/kg	1.11	0.11	0.07	0.21	0.07	0.25	0.08
Phenanthrene	mg/kg	4.95	0.62	0.49	0.85	0.48	1.31	0.36
Fluorene	mg/kg	1.07	0.04	0.03	0.05	0.03	0.08	0.06
Chrysene	mg/kg	5.69	0.69	0.38	1.04	0.46	2.19	0.3
Pyrene	mg/kg	8.06	1.22	0.56	1.07	0.66	3.68	0.45
Benzo(a)anthracene	mg/kg	5.35	0.66	0.33	0.98	0.38	2.01	0.27
Benzo(b)fluoranthene	mg/kg	8.78	0.88	0.42	1.41	0.59	2.64	0.4
Benzo(k)fluoranthene	mg/kg	3.23	0.3	0.16	0.62	0.21	0.99	0.16
Benzo(a)pyrene	mg/kg	7.12	0.55	0.26	0.97	0.33	1.7	0.23
Dibenz(a,h)anthracene	mg/kg	1.06	0.1	0.04	0.18	0.06	0.3	0.04
Benzo(g,h,i)perylene	mg/kg	5.44	0.47	0.19	0.66	0.31	1.3	0.2
Indeno(1,2,3-c,d)pyrene	mg/kg	6.04	0.53	0.22	0.83	0.36	1.57	0.23
PAH 16 Total	mg/kg	69	7	4	10	5	23	4
Benzo(b+k)fluoranthene	mg/kg	---	---	---	---	---	---	---
TPH CWG								
>C5-C6 Aliphatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>C6-C8 Aliphatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>C8-C10 Aliphatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>C10-C12 Aliphatics	mg/kg	<6	<6	<6	<6	<6	<6	<6
>C16-C35 Aliphatics	mg/kg	20	29	<15	21	24	88	<15
>C12-C16 Aliphatics	mg/kg	11	10	<6	<6	<6	<6	<6
>C16-C21 Aliphatics	mg/kg	---	---	---	---	---	---	---
>C21-C35 Aliphatics	mg/kg	---	---	---	---	---	---	---
>C35-C44 Aliphatics	mg/kg	<10	<10	<10	<10	<10	16	<10
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
>EC7-EC8 Aromatics	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Matrix Description Location Code Matrix Type Lab Report Number Date Depth		GMG	GMG	GMG	GMG	GMG	GMG	GMG
		SHO-TS1_AUK_TP110-S1	SHO-TS1_AUK_TP111-S1	SHO-TS1_AUK_TP111-S3	SHO-TS1_AUK_TP112-S1	SHO-TS1_AUK_TP113-S1	SHO-TS1_AUK_TP114-S1	TLA-SL-S1
		Soil	Soil	Soil	Soil	Soil	Soil	Soil
		106848	106848	106848	106848	106848	106848	23-524-1-260123
		03 Mar 2022	03 Mar 2022	03 Mar 2022	04 Mar 2022	04 Mar 2022	04 Mar 2022	11 Jan 2023
Depth		2.5	4	2.2	1.5	1.5	2	1
	Unit							
Metals								
Aluminium	mg/kg	30,478	42,501	18,673	17,829	32,516	18,479	17,300
Antimony	mg/kg	3	1	11	2	1	1	4
Arsenic	mg/kg	8	15	28	16	25	12	21.2
Barium	mg/kg	419	182	667	625	855	461	490
Beryllium	mg/kg	4	5	2	2	5	3	---
Boron	mg/kg	2.2	3.5	2.4	1.2	2.8	3	2.9
Cadmium	mg/kg	3.6	1	6.8	1.2	0.4	0.4	<0.1
Chromium (hexavalent)	mg/kg	<1	<1	<1	<1	<1	<1	<0.3
Chromium	mg/kg	392	196	206	1,171	166	151	520.1
Copper	mg/kg	54	49	112	81	55	36	47
Iron	mg/kg	35,384	44,319	49,022	138,213	68,962	33,083	141,200
Lead	mg/kg	195	107	119	125	100	55	62
Manganese	mg/kg	10,051	7,341	5,190	36,627	10,384	4,609	34,930
Mercury	mg/kg	6.4	0.9	4.3	<0.5	<0.5	<0.5	<0.1
Molybdenum	mg/kg	5	3	8	10	5	5	6.3
Nickel	mg/kg	82	26	43	48	40	26	35.1
Selenium	mg/kg	---	---	---	---	---	---	13
Silicon	mg/kg	347	321	632	777	837	701	71.6
Vanadium	mg/kg	338	325	374	3,965	496	289	1,538
Zinc	mg/kg	442	180	599	355	139	116	159
Inorganics								
Sulphate (2:1 Water Soluble) as SO4	g/l	---	---	---	---	---	---	0.0124
Inorganic Nitrogen	mg/kg	---	---	---	---	---	---	<2.5
Ortho phosphate as PO4	mg/kg	---	---	---	---	---	---	<0.3
Ammoniacal Nitrogen as N	mg/kg	---	---	---	---	---	---	<0.6
Calcium	mg/kg	---	---	---	---	---	---	152,700
Chloride	mg/kg	---	---	---	---	---	---	112
Cyanide (Free)	mg/kg	<1	<1	<1	<1	<1	<1	<0.5
Cyanide Total	mg/kg	<1	<1	1.3	2.3	<1	<1	<0.5
cyanides-complex	mg/kg	---	---	---	---	---	---	<0.5
Magnesium	mg/kg	19,551	20,636	17,774	34,165	20,029	17,420	19,610
Nitrate (as N)	mg/kg	---	---	---	---	---	---	<2.5
Nitrate (as NO3-)	mg/kg	---	---	---	---	---	---	<2.5
Nitrite (as NO2-)	mg/kg	---	---	---	---	---	---	0.85
Potassium	mg/kg	---	---	---	---	---	---	1,760
Sodium	mg/kg	---	---	---	---	---	---	793
Sulphate	mg/kg	---	---	---	---	---	---	6,070
Sulphide	mg/kg	---	---	---	---	---	---	<10
Sulphur as S	%	0.0661	0.0831	0.0117	0.0028	0.0267	0.0097	0.35
Thiocyanate (as SCN)	mg/kg	6.7	1.5	3.8	9.7	2.7	2.5	<0.6
PAH								
Naphthalene	mg/kg	1.35	0.23	1.44	1.19	0.14	0.06	0.16
Acenaphthene	mg/kg	0.12	0.04	<0.02	2.27	0.05	0.04	0.1
Acenaphthylene	mg/kg	0.11	<0.02	<0.02	4.06	<0.02	<0.02	0.1
Fluoranthene	mg/kg	5.37	1.02	0.24	34.55	0.96	0.67	1.94
Anthracene	mg/kg	0.33	0.12	0.07	8.2	0.11	0.07	0.33
Phenanthrene	mg/kg	1.87	0.52	0.24	43.48	0.51	0.31	1.54
Fluorene	mg/kg	0.17	0.04	<0.02	1.39	0.03	0.02	0.11
Chrysene	mg/kg	1.28	0.53	0.17	9.27	0.7	0.55	1.14
Pyrene	mg/kg	4.7	0.87	0.24	22.4	0.89	0.67	1.6
Benzo(a)anthracene	mg/kg	0.97	0.43	0.17	9.72	0.63	0.45	0.99
Benzo(b)fluoranthene	mg/kg	1	0.64	0.29	10.22	0.94	0.77	1.47
Benzo(k)fluoranthene	mg/kg	0.32	0.21	0.1	4.24	0.4	0.3	0.57
Benzo(a)pyrene	mg/kg	0.51	0.4	0.15	7.45	0.66	0.48	0.98
Dibenz(a,h)anthracene	mg/kg	0.11	0.07	0.03	1.22	0.11	0.09	0.17
Benzo(g,h,i)perylene	mg/kg	0.47	0.34	0.16	5.64	0.56	0.47	0.7
Indeno(1,2,3-c,d)pyrene	mg/kg	0.56	0.38	0.17	6.71	0.62	0.53	0.69
PAH 16 Total	mg/kg	19	6	3	172	7	5	12.6
Benzo(b+k)fluoranthene	mg/kg	---	---	---	---	---	---	2.04
TPH CWG								
>C5-C6 Aliphatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>C6-C8 Aliphatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>C8-C10 Aliphatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>C10-C12 Aliphatics	mg/kg	17	<6	7	<6	<6	<6	<0.2
>C16-C35 Aliphatics	mg/kg	76	442	26	37	20	<15	177
>C12-C16 Aliphatics	mg/kg	13	8	<6	7	<6	<6	<4
>C16-C21 Aliphatics	mg/kg	---	---	---	---	---	---	33
>C21-C35 Aliphatics	mg/kg	---	---	---	---	---	---	144
>C35-C44 Aliphatics	mg/kg	<10	67	<10	16	<10	<10	22
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	---	---	---	---	---	---	199
>EC5-EC7 Aromatics	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1
>EC7-EC8 Aromatics	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
		TLA-SL-S1	TLA-SL-S2	TLA-SL-S2	TLA-SL-S4	TLA-SL-S4	TLA-SL-S5	TLA-SL-S5	TLA-SL-S6	TLA-SL-S6
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123
		11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023
		1	2	2	3	3	3.5	3.5	2	2
Metals										
Aluminium	mg/kg	---	21,000	---	20,000	---	21,700	---	20,900	---
Antimony	mg/kg	---	3	---	6	---	10	---	8	---
Arsenic	mg/kg	---	7.9	---	6.7	---	12.1	---	10.1	---
Barium	mg/kg	---	421	---	373	---	483	---	416	---
Beryllium	mg/kg	---	---	---	---	---	---	---	---	---
Boron	mg/kg	---	2.1	---	3.6	---	3.8	---	2.9	---
Cadmium	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Chromium (hexavalent)	mg/kg	---	<0.3	---	<0.3	---	<0.3	---	<0.3	---
Chromium	mg/kg	---	531.6	---	863.2	---	1,216	---	945.7	---
Copper	mg/kg	---	43	---	133	---	79	---	47	---
Iron	mg/kg	---	122,000	---	119,900	---	152,000	---	108,000	---
Lead	mg/kg	---	52	---	52	---	162	---	55	---
Manganese	mg/kg	---	28,570	---	25,440	---	45,460	---	24,050	---
Mercury	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Molybdenum	mg/kg	---	3.4	---	3.8	---	7.5	---	4.4	---
Nickel	mg/kg	---	19.6	---	21.4	---	35.2	---	22.9	---
Selenium	mg/kg	---	11	---	10	---	15	---	10	---
Silicon	mg/kg	---	72.5	---	75.5	---	81.7	---	78.3	---
Vanadium	mg/kg	---	1,796	---	1,914	---	1,664	---	1,255	---
Zinc	mg/kg	---	132	---	150	---	184	---	142	---
Inorganics										
Sulphate (2:1 Water Soluble) as SO4	g/l	---	0.0292	---	0.0517	---	0.089	---	0.187	---
Inorganic Nitrogen	mg/kg	---	<2.5	---	<2.5	---	<2.5	---	<2.5	---
Ortho phosphate as PO4	mg/kg	---	<0.3	---	<0.3	---	<0.3	---	<0.3	---
Ammoniacal Nitrogen as N	mg/kg	---	<0.6	---	<0.6	---	<0.6	---	<0.6	---
Calcium	mg/kg	---	178,400	---	165,200	---	178,100	---	149,600	---
Chloride	mg/kg	---	99	---	97	---	100	---	100	---
Cyanide (Free)	mg/kg	---	<0.5	---	<0.5	---	<0.5	---	<0.5	---
Cyanide Total	mg/kg	---	1	---	<0.5	---	<0.5	---	0.9	---
cyanides-complex	mg/kg	---	1	---	<0.5	---	<0.5	---	0.9	---
Magnesium	mg/kg	---	21,070	---	35,330	---	26,710	---	21,860	---
Nitrate (as N)	mg/kg	---	<2.5	---	<2.5	---	<2.5	---	<2.5	---
Nitrate (as NO3-)	mg/kg	---	<2.5	---	<2.5	---	<2.5	---	<2.5	---
Nitrite (as NO2-)	mg/kg	---	0.56	---	0.53	---	0.56	---	0.49	---
Potassium	mg/kg	---	1,938	---	3,209	---	1,990	---	2,309	---
Sodium	mg/kg	---	793	---	702	---	789	---	671	---
Sulphate	mg/kg	---	6,470	---	4,740	---	4,240	---	5,880	---
Sulphide	mg/kg	---	<10	---	<10	---	<10	---	<10	---
Sulphur as S	%	---	0.37	---	0.29	---	0.3	---	0.34	---
Thiocyanate (as SCN)	mg/kg	---	<0.6	---	<0.6	---	<0.6	---	<0.6	---
PAH										
Naphthalene	mg/kg	0.044	0.14	<0.027	0.45	0.134	0.2	0.056	2.07	0.491
Acenaphthene	mg/kg	---	0.1	---	0.19	---	0.17	---	0.5	---
Acenaphthylene	mg/kg	---	0.06	---	0.37	---	0.32	---	1.25	---
Fluoranthene	mg/kg	---	2.06	---	4.32	---	3.85	---	8.42	---
Anthracene	mg/kg	---	0.22	---	1.13	---	1	---	2.96	---
Phenanthrene	mg/kg	---	1.51	---	4.13	---	3.11	---	7.76	---
Fluorene	mg/kg	---	0.07	---	0.27	---	0.27	---	1.08	---
Chrysene	mg/kg	---	1.17	---	2.11	---	1.83	---	4.16	---
Pyrene	mg/kg	---	1.77	---	3.41	---	3.07	---	6.89	---
Benzo(a)anthracene	mg/kg	---	1.03	---	1.94	---	1.74	---	4.15	---
Benzo(b)fluoranthene	mg/kg	---	1.35	---	2.55	---	2.33	---	5.75	---
Benzo(k)fluoranthene	mg/kg	---	0.52	---	0.99	---	0.9	---	2.24	---
Benzo(a)pyrene	mg/kg	---	0.93	---	1.63	---	1.49	---	3.45	---
Dibenz(a,h)anthracene	mg/kg	---	0.17	---	0.28	---	0.26	---	0.59	---
Benzo(g,h,i)perylene	mg/kg	---	0.8	---	1.09	---	1.06	---	2.15	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	0.81	---	1.26	---	1.31	---	2.52	---
PAH 16 Total	mg/kg	---	12.7	---	26.1	---	22.9	---	55.9	---
Benzo(b+k)fluoranthene	mg/kg	---	1.87	---	3.54	---	3.23	---	7.99	---
TPH CWG										
>C5-C6 Aliphatics	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
>C6-C8 Aliphatics	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
>C8-C10 Aliphatics	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
>C10-C12 Aliphatics	mg/kg	---	0.8	---	<0.2	---	<0.2	---	<0.2	---
>C16-C35 Aliphatics	mg/kg	---	97	---	226	---	117	---	135	---
>C12-C16 Aliphatics	mg/kg	---	7	---	6	---	<4	---	<4	---
>C16-C21 Aliphatics	mg/kg	---	24	---	42	---	22	---	32	---
>C21-C35 Aliphatics	mg/kg	---	73	---	184	---	95	---	103	---
>C35-C44 Aliphatics	mg/kg	---	9	---	13	---	9	---	<7	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	---	114	---	245	---	126	---	135	---
>EC5-EC7 Aromatics	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
>EC7-EC8 Aromatics	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
		TLA-SL-S7	TLA-SL-S8	TLA-SL-S8	TLA-SL-S9	TLA-SL-S10	TLA-SL-S10	TLA-SL-S11	TLA-SL-S11	TLA-SL-S12	TLA-SL-S12
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123
		12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023
Metals	Unit	1	3.5	3.5	2	3	3	1	1	3	3
		---	22,550	---	16,330	22,810	---	29,520	---	20,030	---
		---	<5	---	<1	2	---	3	---	<5	---
		---	18.4	---	7.8	8.6	---	8.9	---	5.5	---
		---	381	---	182	319	---	542	---	539	---
Beryllium	mg/kg	---	---	---	---	---	---	---	---	---	---
Boron	mg/kg	---	2.8	---	1.4	3.1	---	3.3	---	3.1	---
Cadmium	mg/kg	---	<0.1	---	<0.1	<0.1	---	<0.1	---	<0.1	---
Chromium (hexavalent)	mg/kg	---	<0.3	---	<0.3	<0.3	---	<0.3	---	<0.3	---
Chromium	mg/kg	---	605	---	46.6	239.6	---	219.2	---	798.8	---
Copper	mg/kg	---	50	---	25	32	---	29	---	53	---
Iron	mg/kg	---	128,500	---	39,600	58,150	---	90,150	---	127,200	---
Lead	mg/kg	---	49	---	24	35	---	30	---	60	---
Manganese	mg/kg	---	23,860	---	1,915	9,698	---	16,090	---	24,850	---
Mercury	mg/kg	---	<0.1	---	<0.1	<0.1	---	<0.1	---	<0.1	---
Molybdenum	mg/kg	---	3.7	---	0.8	1.6	---	2.7	---	4.1	---
Nickel	mg/kg	---	33.6	---	38.4	34.7	---	22.5	---	21.6	---
Selenium	mg/kg	---	5	---	1	4	---	5	---	6	---
Silicon	mg/kg	---	174.1	---	185	142.3	---	133.5	---	101.1	---
Vanadium	mg/kg	---	1,425	---	107	1,006	---	585	---	1,638	---
Zinc	mg/kg	---	176	---	94	117	---	88	---	205	---
Inorganics											
Sulphate (2:1 Water Soluble) as SO4	g/l	---	0.093	---	0.1114	0.2986	---	0.2222	---	0.0298	---
Inorganic Nitrogen	mg/kg	---	4.9	---	<2.5	<2.5	---	<2.5	---	<2.5	---
Ortho phosphate as PO4	mg/kg	---	<0.3	---	0.3	<0.3	---	<0.3	---	<0.3	---
Ammoniacal Nitrogen as N	mg/kg	---	<0.6	---	<0.6	<0.6	---	<0.6	---	<0.6	---
Calcium	mg/kg	---	183,600	---	42,210	77,140	---	144,700	---	195,000	---
Chloride	mg/kg	---	114	---	89	103	---	344	---	101	---
Cyanide (Free)	mg/kg	---	<0.5	---	<0.5	<0.5	---	<0.5	---	<0.5	---
Cyanide Total	mg/kg	---	3.4	---	<0.5	0.7	---	0.7	---	0.7	---
cyanides-complex	mg/kg	---	3.4	---	<0.5	0.7	---	0.7	---	0.7	---
Magnesium	mg/kg	---	30,160	---	10,950	13,060	---	25,210	---	22,870	---
Nitrate (as N)	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	19.9	---	<2.5	<2.5	---	<2.5	---	<2.5	---
Nitrite (as NO2-)	mg/kg	---	1.31	---	0.69	0.26	---	0.62	---	0.62	---
Potassium	mg/kg	---	2,426	---	4,330	3,297	---	3,343	---	1,503	---
Sodium	mg/kg	---	659	---	635	798	---	1,610	---	721	---
Sulphate	mg/kg	---	3,299	---	755	3,660	---	7,582	---	5,633	---
Sulphide	mg/kg	---	<10	---	<10	<10	---	<10	---	<10	---
Sulphur as S	%	---	0.23	---	0.04	0.21	---	0.48	---	0.28	---
Thiocyanate (as SCN)	mg/kg	---	<0.6	---	<0.6	<0.6	---	<0.6	---	<0.6	---
PAH											
Naphthalene	mg/kg	0.31	<0.027	0.26	<0.027	<0.027	0.21	<0.027	0.11	<0.027	0.26
Acenaphthene	mg/kg	---	0.13	---	<0.05	0.28	---	0.07	---	0.14	---
Acenaphthylene	mg/kg	---	0.07	---	<0.03	0.39	---	0.09	---	0.12	---
Fluoranthene	mg/kg	---	4.04	---	0.12	4.87	---	1.69	---	1.82	---
Anthracene	mg/kg	---	0.25	---	<0.04	1.17	---	0.21	---	0.4	---
Phenanthrene	mg/kg	---	1.44	---	0.09	3.85	---	0.93	---	1.49	---
Fluorene	mg/kg	---	0.06	---	<0.04	0.49	---	0.06	---	0.1	---
Chrysene	mg/kg	---	3.41	---	0.1	1.81	---	1.04	---	0.91	---
Pyrene	mg/kg	---	3.77	---	0.12	3.77	---	1.4	---	1.48	---
Benzo(a)anthracene	mg/kg	---	3.02	---	0.14	1.99	---	0.9	---	0.86	---
Benzo(b)fluoranthene	mg/kg	---	5.25	---	0.16	2.08	---	1.35	---	1.22	---
Benzo(k)fluoranthene	mg/kg	2.08	1	2.04	0.06	0.2	0.81	0.53	---	0.48	---
Benzo(a)pyrene	mg/kg	---	4.08	---	<0.04	1.49	---	0.93	---	0.81	---
Dibenz(a,h)anthracene	mg/kg	---	0.63	---	<0.04	0.23	---	0.18	---	0.18	---
Benzo(g,h,i)perylene	mg/kg	---	2.95	---	0.1	0.84	---	0.68	---	0.62	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	3.42	---	0.1	1.02	---	0.84	---	0.72	---
PAH 16 Total	mg/kg	---	34.8	---	1	25.3	---	11	---	11.6	---
Benzo(b+k)fluoranthene	mg/kg	---	7.29	---	0.22	2.89	---	1.88	---	1.7	---
TPH CWG											
>C5-C6 Aliphatics	mg/kg	---	<0.1	---	<0.1	<0.1	---	<0.1	---	<0.1	---
>C6-C8 Aliphatics	mg/kg	---	<0.1	---	<0.1	<0.1	---	<0.1	---	<0.1	---
>C8-C10 Aliphatics	mg/kg	---	<0.1	---	<0.1	<0.1	---	<0.1	---	<0.1	---
>C10-C12 Aliphatics	mg/kg	---	<0.2	---	<0.2	<0.2	---	<0.2	---	<0.2	---
>C16-C35 Aliphatics	mg/kg	---	258	---	57	50	---	179	---	83	---
>C12-C16 Aliphatics	mg/kg	---	6	---	<4	<4	---	<4	---	<4	---
>C16-C21 Aliphatics	mg/kg	---	47	---	9	16	---	38	---	14	---
>C21-C35 Aliphatics	mg/kg	---	211	---	48	34	---	141	---	69	---
>C35-C44 Aliphatics	mg/kg	---	10	---	<7	<7	---	<7	---	<7	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	---	274	---	57	50	---	179	---	83	---
>EC5-EC7 Aromatics	mg/kg	---	<0.1	---	<0.1	<0.1	---	<0.1	---	<0.1	---
>EC7-EC8 Aromatics	mg/kg	---	<0.1	---	<0.1	<0.1	---	<0.1	---	<0.1	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth		GMG	GMG	TFD (re-worked)	TFD (re-worked)	TFD (re-worked)
		TLA-SL-S13	TLA-SL-S13	SHO-EF-43-S3	SHO-TS1_AUK_TP105-S3	SHO-TS1_AUK_TP106-S5
		Soil	Soil	Soil	Soil	Soil
		23-560-1-260123	23-560-1-260123	23-3837-12-160523	106848	106848
		12 Jan 2023	12 Jan 2023	28 Apr 2023	02 Mar 2022	04 Mar 2022
		2	2	3	4	4
	Unit					
Metals						
Aluminium	mg/kg	19,540	---	---	8,571	22,519
Antimony	mg/kg	2	---	---	1	1
Arsenic	mg/kg	9.7	---	---	8	6
Barium	mg/kg	278	---	---	241	697
Beryllium	mg/kg	---	---	---	<1	2
Boron	mg/kg	1.8	---	---	0.6	1.4
Cadmium	mg/kg	<0.1	---	---	7.5	0.4
Chromium (hexavalent)	mg/kg	<0.3	---	---	<1	<1
Chromium	mg/kg	152.6	---	---	284	241
Copper	mg/kg	36	---	---	28	32
Iron	mg/kg	50,050	---	55,320	73,195	38,345
Lead	mg/kg	42	---	---	263	40
Manganese	mg/kg	6,272	---	---	19,898	7,730
Mercury	mg/kg	<0.1	---	---	<0.5	<0.5
Molybdenum	mg/kg	2	---	---	4	4
Nickel	mg/kg	38.3	---	---	13	18
Selenium	mg/kg	2	---	---	---	---
Silicon	mg/kg	375.8	---	---	342	343
Vanadium	mg/kg	235	---	283	1,858	297
Zinc	mg/kg	167	---	---	1,535	87
Inorganics						
Sulphate (2:1 Water Soluble) as SO4	g/l	0.1701	---	---	---	---
Inorganic Nitrogen	mg/kg	<2.5	---	---	---	---
Ortho phosphate as PO4	mg/kg	<0.3	---	---	---	---
Ammoniacal Nitrogen as N	mg/kg	<0.6	---	---	---	---
Calcium	mg/kg	56,750	---	72,610	---	---
Chloride	mg/kg	70	---	---	---	---
Cyanide (Free)	mg/kg	<0.5	---	---	<1	<1
Cyanide Total	mg/kg	<0.5	---	---	<1	<1
cyanides-complex	mg/kg	<0.5	---	---	---	---
Magnesium	mg/kg	19,090	---	---	8,853	12,761
Nitrate (as N)	mg/kg	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	<2.5	---	---	---	---
Nitrite (as NO2-)	mg/kg	2.04	---	---	---	---
Potassium	mg/kg	4,334	---	1,042	---	---
Sodium	mg/kg	702	---	---	---	---
Sulphate	mg/kg	1,520	---	---	---	---
Sulphide	mg/kg	<10	---	---	---	---
Sulphur as S	%	0.11	---	---	0.0025	0.0204
Thiocyanate (as SCN)	mg/kg	<0.6	---	---	1.1	2.3
PAH						
Naphthalene	mg/kg	0.16	0.17	---	0.55	<0.02
Acenaphthene	mg/kg	<0.05	---	---	0.12	<0.02
Acenaphthylene	mg/kg	<0.03	---	---	0.13	<0.02
Fluoranthene	mg/kg	0.39	---	---	2.3	0.31
Anthracene	mg/kg	<0.04	---	---	0.35	<0.02
Phenanthrene	mg/kg	0.21	---	---	1.26	0.19
Fluorene	mg/kg	<0.04	---	---	0.17	<0.02
Chrysene	mg/kg	0.23	---	---	1.62	0.14
Pyrene	mg/kg	0.36	---	---	2.23	0.22
Benzo(a)anthracene	mg/kg	0.25	---	---	1.6	0.09
Benzo(b)fluoranthene	mg/kg	0.32	---	---	2.14	0.15
Benzo(k)fluoranthene	mg/kg	0.12	0.6	---	0.84	0.06
Benzo(a)pyrene	mg/kg	<0.04	---	---	1.66	0.06
Dibenz(a,h)anthracene	mg/kg	<0.04	---	---	0.25	<0.02
Benzo(g,h,i)perylene	mg/kg	0.16	---	---	1.18	0.17
Indeno(1,2,3-c,d)pyrene	mg/kg	0.2	---	---	1.44	0.1
PAH 16 Total	mg/kg	2.4	---	---	18	2
Benzo(b+k)fluoranthene	mg/kg	0.44	---	---	---	---
TPH CWG						
>C5-C6 Aliphatics	mg/kg	<0.1	---	---	<0.1	<0.1
>C6-C8 Aliphatics	mg/kg	<0.1	---	---	<0.1	<0.1
>C8-C10 Aliphatics	mg/kg	<0.1	---	---	<0.1	<0.1
>C10-C12 Aliphatics	mg/kg	<0.2	---	---	<6	<6
>C16-C35 Aliphatics	mg/kg	<14	---	---	<15	<15
>C12-C16 Aliphatics	mg/kg	<4	---	---	<6	<6
>C16-C21 Aliphatics	mg/kg	<7	---	---	---	---
>C21-C35 Aliphatics	mg/kg	<7	---	---	---	---
>C35-C44 Aliphatics	mg/kg	<7	---	---	<10	<10
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	<26	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	<0.1	---	---	<0.01	<0.01
>EC7-EC8 Aromatics	mg/kg	<0.1	---	---	<0.01	<0.01

Matrix Description		CMG	CMG	CMG	CMG	CMG	CMG	CMG	CMG	CMG
Location Code		SHO-DY-48-S1	SHO-DZ-48-S1	SHO-ED-41-S3	SHO-ED-51-S4	SHO-ED-51-S4	SHO-EF-42-S2	SHO-EF-44-S2	SHO-EF-49-S2	SHO-SL-S2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-2-290323	23-3460-1-150323	23-3837-3-040423	23-3837-1-170323	23-3837-1-170323	23-3837-4-120423	23-3837-3-040423	23-3837-1-170323	23-560-1-260123
Date		21 Mar 2023	01 Mar 2023	22 Mar 2023	07 Mar 2023	07 Mar 2023	29 Mar 2023	23 Mar 2023	08 Mar 2023	13 Jan 2023
Depth		1.5	1.5	4.5	4	4	3	3	2.5	4.5
	Unit									
>EC8-EC10 Aromatics	mg/kg	---	---	---	13.7	---	---	---	---	<0.1
>EC10-EC12 Aromatics	mg/kg	---	---	---	364.1	---	---	---	---	<0.2
>EC12-EC16 Aromatics	mg/kg	---	---	---	347	---	---	---	---	<4
>EC16-EC21 Aromatics	mg/kg	---	---	---	894	---	---	---	---	<7
>EC21-EC35 Aromatics	mg/kg	---	---	---	1,984	---	---	---	---	<7
>EC35-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	<7
Total Aromatics >EC5-EC35	mg/kg	---	---	---	3,617	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	---	---	---	---	---	---	---	---	<26
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	5,871	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	<52
BTEX and MTBE										
Benzene	mg/kg	---	---	---	5.885	---	---	---	---	<0.003
Toluene	mg/kg	---	---	---	21.123	---	---	---	---	<0.003
Ethylbenzene	mg/kg	---	---	---	9.924	---	---	---	---	<0.003
p-Xylene	mg/kg	---	---	---	---	---	---	---	---	---
Xylene (m & p)	mg/kg	---	---	---	39.677	---	---	---	---	<0.005
Xylene (o)	mg/kg	---	---	---	15.912	---	---	---	---	<0.003
Xylene Total	mg/kg	---	---	---	55.589	---	---	---	---	<0.008
MTBE	mg/kg	---	---	---	<0.002	---	---	---	---	<0.002
VOC										
Dodecane	mg/kg	---	---	---	---	---	---	---	---	---
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	0.162	---	---	---	---	<0.006
Styrene	mg/kg	---	---	---	11.541	---	---	---	---	<0.003
cis-1,3-dichloropropene	mg/kg	---	---	---	<0.004	---	---	---	---	<0.004
trans-1,3-dichloropropene	mg/kg	---	---	---	<0.003	---	---	---	---	<0.003
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	<0.003	---	---	---	---	<0.003
1,1,1-trichloroethane	mg/kg	---	---	---	<0.003	---	---	---	---	<0.003
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	<0.003	---	---	---	---	<0.003
1,1,2-trichloroethane	mg/kg	---	---	---	<0.003	---	---	---	---	<0.003
1,1-dichloroethane	mg/kg	---	---	---	<0.003	---	---	---	---	<0.003
1,1-dichloroethene	mg/kg	---	---	---	<0.006	---	---	---	---	<0.006
1,1-dichloropropene	mg/kg	---	---	---	<0.003	---	---	---	---	<0.003
1,2,3-trichloropropane	mg/kg	---	---	---	<0.004	---	---	---	---	<0.004
1,2,3-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	27.832	---	---	---	---	<0.006
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	<0.004	---	---	---	---	<0.004
1,2-dibromoethane	mg/kg	---	---	---	<0.003	---	---	---	---	<0.003
1,2-dichloroethane	mg/kg	---	---	---	<0.004	---	---	---	---	<0.004
1,2-dichloropropane	mg/kg	---	---	---	0.103	---	---	---	---	<0.006
1,3,5-trimethylbenzene	mg/kg	---	---	---	4.918	---	---	---	---	<0.003
1,3-dichloropropane	mg/kg	---	---	---	<0.003	---	---	---	---	<0.003
1-methyl-2-ethyl benzene	mg/kg	---	---	---	---	---	---	---	---	---
1-methyl-3-ethyl benzene	mg/kg	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	<0.004	---	---	---	---	<0.004
2-chlorotoluene	mg/kg	---	---	---	<0.003	---	---	---	---	<0.003
4-chlorotoluene	mg/kg	---	---	---	<0.003	---	---	---	---	<0.003
Bromobenzene	mg/kg	---	---	---	<0.002	---	---	---	---	<0.002
Bromochloromethane	mg/kg	---	---	---	<0.003	---	---	---	---	<0.003
Bromodichloromethane	mg/kg	---	---	---	<0.003	---	---	---	---	<0.003
Bromoform	mg/kg	---	---	---	<0.003	---	---	---	---	<0.003
Bromomethane	mg/kg	---	---	---	<0.001	---	---	---	---	<0.001
Carbon tetrachloride	mg/kg	---	---	---	<0.004	---	---	---	---	<0.004
Chlorodibromomethane	mg/kg	---	---	---	<0.003	---	---	---	---	<0.003
Chloroethane	mg/kg	---	---	---	<0.002	---	---	---	---	<0.002
Chloroform	mg/kg	---	---	---	<0.003	---	---	---	---	<0.003
Chloromethane	mg/kg	---	---	---	<0.003	---	---	---	---	<0.003
cis-1,2-dichloroethene	mg/kg	---	---	---	0.005	---	---	---	---	<0.003
Dibromomethane	mg/kg	---	---	---	<0.003	---	---	---	---	<0.003
Dichlorodifluoromethane	mg/kg	---	---	---	<0.002	---	---	---	---	<0.002
Dichloromethane	mg/kg	---	---	---	<0.007	---	---	---	---	<0.007
Isopropylbenzene	mg/kg	---	---	---	0.305	---	---	---	---	<0.003
n-butylbenzene	mg/kg	---	---	---	<0.004	---	---	---	---	<0.004
n-propylbenzene	mg/kg	---	---	---	0.648	---	---	---	---	<0.004
p-isopropyltoluene	mg/kg	---	---	---	0.237	---	---	---	---	<0.004
sec-butylbenzene	mg/kg	---	---	---	0.093	---	---	---	---	<0.004
Trichloroethene	mg/kg	---	---	---	0.157	---	---	---	---	<0.003
tert-butylbenzene	mg/kg	---	---	---	<0.005	---	---	---	---	<0.005
Tetrachloroethene	mg/kg	---	---	---	0.005	---	---	---	---	<0.003
trans-1,2-dichloroethene	mg/kg	---	---	---	<0.003	---	---	---	---	<0.003
Trichlorofluoromethane	mg/kg	---	---	---	<0.002	---	---	---	---	<0.002
Vinyl chloride	mg/kg	---	---	---	<0.002	---	---	---	---	<0.002
VOC/SVOC										
1,2,3-trichlorobenzene	mg/kg	---	---	---	<0.007	---	---	---	---	<0.007

Matrix Description		CMG	CMG	CMG	CMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-SL-S21	SHO-SL-S37	SHO-SL-S37	TLA-SL-S3	SHO-DY-46-S3	SHO-DY-48-S2	SHO-DY-48-S3	SHO-DZ-45-S1	SHO-DZ-45-S4
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-919-1-300123	23-1151-1-070223	23-1151-1-070223	23-524-1-260123	23-3837-1-170323	23-3837-2-290323	23-3837-2-290323	23-3837-1-170323	23-3837-9-050523
Date		20 Jan 2023	23 Jan 2023	23 Jan 2023	11 Jan 2023	08 Mar 2023	21 Mar 2023	21 Mar 2023	08 Mar 2023	19 Apr 2023
Depth					3	4.5	3	4.5	1.5	3
	Unit									
>EC8-EC10 Aromatics	mg/kg	<0.1	0.1	---	<0.1	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	<0.2	<0.2	---	<0.2	---	---	---	---	---
>EC12-EC16 Aromatics	mg/kg	<4	<4	---	<4	---	---	---	---	---
>EC16-EC21 Aromatics	mg/kg	<7	<7	---	<7	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	<7	<7	---	<7	---	---	---	---	---
>EC35-EC44 Aromatics	mg/kg	<7	<7	---	<7	---	---	---	---	---
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	<26	<26	---	<26	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	<52	97	---	<52	---	---	---	---	---
BTEX and MTBE										
Benzene	mg/kg	<0.003	0.116	---	<0.003	---	---	---	---	---
Toluene	mg/kg	<0.003	0.139	---	<0.003	---	---	---	---	---
Ethylbenzene	mg/kg	<0.003	0.025	---	<0.003	---	---	---	---	---
p-Xylene	mg/kg	---	---	---	---	---	---	---	---	---
Xylene (m & p)	mg/kg	<0.005	0.089	---	<0.005	---	---	---	---	---
Xylene (o)	mg/kg	<0.003	0.026	---	<0.003	---	---	---	---	---
Xylene Total	mg/kg	<0.008	0.115	---	<0.008	---	---	---	---	---
MTBE	mg/kg	<0.002	<0.002	---	<0.002	---	---	---	---	---
VOC										
Dodecane	mg/kg	---	---	---	---	---	---	---	---	---
Sum Tetrachloroethene and Trichloroethene	mg/kg	<0.006	<0.006	---	<0.006	---	---	---	---	---
Styrene	mg/kg	<0.003	0.012	---	<0.003	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	<0.004	<0.004	---	<0.004	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	<0.003	<0.003	---	<0.003	---	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	<0.003	<0.003	---	<0.003	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	<0.003	<0.003	---	<0.003	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	<0.003	<0.003	---	<0.003	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	<0.003	<0.003	---	<0.003	---	---	---	---	---
1,1-dichloroethane	mg/kg	<0.003	<0.003	---	<0.003	---	---	---	---	---
1,1-dichloroethene	mg/kg	<0.006	<0.006	---	<0.006	---	---	---	---	---
1,1-dichloropropene	mg/kg	<0.003	<0.003	---	<0.003	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	<0.004	<0.004	---	<0.004	---	---	---	---	---
1,2,3-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	<0.006	0.018	---	<0.006	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	<0.004	<0.004	---	<0.004	---	---	---	---	---
1,2-dibromoethane	mg/kg	<0.003	<0.003	---	<0.003	---	---	---	---	---
1,2-dichloroethane	mg/kg	<0.004	<0.004	---	<0.004	---	---	---	---	---
1,2-dichloropropane	mg/kg	<0.006	<0.006	---	<0.006	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	<0.003	0.005	---	<0.003	---	---	---	---	---
1,3-dichloropropane	mg/kg	<0.003	<0.003	---	<0.003	---	---	---	---	---
1-methyl-2-ethyl benzene	mg/kg	---	---	---	---	---	---	---	---	---
1-methyl-3-ethyl benzene	mg/kg	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	<0.004	<0.004	---	<0.004	---	---	---	---	---
2-chlorotoluene	mg/kg	<0.003	<0.003	---	<0.003	---	---	---	---	---
4-chlorotoluene	mg/kg	<0.003	<0.003	---	<0.003	---	---	---	---	---
Bromobenzene	mg/kg	<0.002	<0.002	---	<0.002	---	---	---	---	---
Bromochloromethane	mg/kg	<0.003	<0.003	---	<0.003	---	---	---	---	---
Bromodichloromethane	mg/kg	<0.003	<0.003	---	<0.003	---	---	---	---	---
Bromoform	mg/kg	<0.003	<0.003	---	<0.003	---	---	---	---	---
Bromomethane	mg/kg	<0.001	<0.001	---	<0.001	---	---	---	---	---
Carbon tetrachloride	mg/kg	<0.004	<0.004	---	<0.004	---	---	---	---	---
Chlorodibromomethane	mg/kg	<0.003	<0.003	---	<0.003	---	---	---	---	---
Chloroethane	mg/kg	<0.002	<0.002	---	<0.002	---	---	---	---	---
Chloroform	mg/kg	<0.003	<0.003	---	<0.003	---	---	---	---	---
Chloromethane	mg/kg	<0.003	<0.003	---	<0.003	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	<0.003	<0.003	---	<0.003	---	---	---	---	---
Dibromomethane	mg/kg	<0.003	<0.003	---	<0.003	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	<0.002	<0.002	---	<0.002	---	---	---	---	---
Dichloromethane	mg/kg	0.01	0.024	---	0.024	---	---	---	---	---
Isopropylbenzene	mg/kg	<0.003	<0.003	---	<0.003	---	---	---	---	---
n-butylbenzene	mg/kg	<0.004	<0.004	---	<0.004	---	---	---	---	---
n-propylbenzene	mg/kg	<0.004	<0.004	---	<0.004	---	---	---	---	---
p-isopropyltoluene	mg/kg	<0.004	<0.004	---	<0.004	---	---	---	---	---
sec-butylbenzene	mg/kg	<0.004	<0.004	---	<0.004	---	---	---	---	---
Trichloroethene	mg/kg	<0.003	<0.003	---	<0.003	---	---	---	---	---
tert-butylbenzene	mg/kg	<0.005	<0.005	---	<0.005	---	---	---	---	---
Tetrachloroethene	mg/kg	<0.003	<0.003	---	<0.003	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	<0.003	<0.003	---	<0.003	---	---	---	---	---
Trichlorofluoromethane	mg/kg	<0.002	<0.002	---	<0.002	---	---	---	---	---
Vinyl chloride	mg/kg	<0.002	<0.002	---	<0.002	---	---	---	---	---
VOC/SVOC										
1,2,3-trichlorobenzene	mg/kg	<0.007	<0.007	---	<0.007	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-DZ-45-S5	SHO-DZ-45-S6	SHO-DZ-45-S7	SHO-DZ-45-S8	SHO-DZ-45-S9	SHO-DZ-46-S1	SHO-DZ-46-S2	SHO-DZ-49-S1	SHO-EA-44-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-2-290323	23-3837-2-290323	23-3460-1-150323	23-3837-2-290323
Date		19 Apr 2023	19 Apr 2023	19 Apr 2023	19 Apr 2023	19 Apr 2023	21 Mar 2023	21 Mar 2023	01 Mar 2023	22 Mar 2023
Depth		2.5	2.5	2.5	2.5		1.5	3	1.5	1.5
	Unit									
>EC8-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC12-EC16 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
BTEX and MTBE										
Benzene	mg/kg	---	---	---	---	---	---	---	---	---
Toluene	mg/kg	---	---	---	---	---	---	---	---	---
Ethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
p-Xylene	mg/kg	---	---	---	---	---	---	---	---	---
Xylene (m & p)	mg/kg	---	---	---	---	---	---	---	---	---
Xylene (o)	mg/kg	---	---	---	---	---	---	---	---	---
Xylene Total	mg/kg	---	---	---	---	---	---	---	---	---
MTBE	mg/kg	---	---	---	---	---	---	---	---	---
VOC										
Dodecane	mg/kg	---	---	---	---	---	---	---	---	---
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2,3-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1-methyl-2-ethyl benzene	mg/kg	---	---	---	---	---	---	---	---	---
1-methyl-3-ethyl benzene	mg/kg	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	---
VOC/SVOC										
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-EA-44-S8	SHO-EA-46-S1	SHO-EA-46-S2	SHO-EA-47-S2	SHO-EA-49-S1	SHO-EA-49-S2	SHO-EA-50-S3	SHO-EB-43-S1	SHO-EB-45-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-6-210423	23-3460-1-150323	23-3460-1-150323	23-3460-1-150323	23-3460-1-150323	23-3460-1-150323	23-3460-1-150323	23-3837-3-040423	23-3837-1-170323
Date		13 Apr 2023	03 Mar 2023	03 Mar 2023	01 Mar 2023	02 Mar 2023	02 Mar 2023	02 Mar 2023	23 Mar 2023	06 Mar 2023
Depth		4.5	1.5	3	3	1.5	3	4.5	1.5	1.5
	Unit									
>EC8-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC12-EC16 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
BTEX and MTBE										
Benzene	mg/kg	---	---	---	---	---	---	---	---	---
Toluene	mg/kg	---	---	---	---	---	---	---	---	---
Ethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
p-Xylene	mg/kg	---	---	---	---	---	---	---	---	---
Xylene (m & p)	mg/kg	---	---	---	---	---	---	---	---	---
Xylene (o)	mg/kg	---	---	---	---	---	---	---	---	---
Xylene Total	mg/kg	---	---	---	---	---	---	---	---	---
MTBE	mg/kg	---	---	---	---	---	---	---	---	---
VOC										
Dodecane	mg/kg	---	---	---	---	---	---	---	---	---
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2,3-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1-methyl-2-ethyl benzene	mg/kg	---	---	---	---	---	---	---	---	---
1-methyl-3-ethyl benzene	mg/kg	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	---
VOC/SVOC										
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-EB-45-S2	SHO-EB-46-S1	SHO-EB-46-S2	SHO-EB-49-S3	SHO-EB-50-S2	SHO-EC-42-S2	SHO-EC-45-S1	SHO-EC-46-S1	SHO-EC-49-S3
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-1-170323	23-3460-1-150323	23-3460-1-150323	23-3837-14-230523	23-3837-14-230523	23-3837-3-040423	23-3837-1-170323	23-3460-1-150323	23-3837-14-230523
Date		06 Mar 2023	03 Mar 2023	03 Mar 2023	11 May 2023	11 May 2023	23 Mar 2023	06 Mar 2023	03 Mar 2023	11 May 2023
Depth		3	1.5	3	4.5	3	3	1.5	0.5	4.5
	Unit									
>EC8-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC12-EC16 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
BTEX and MTBE										
Benzene	mg/kg	---	---	---	---	---	---	---	---	---
Toluene	mg/kg	---	---	---	---	---	---	---	---	---
Ethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
p-Xylene	mg/kg	---	---	---	---	---	---	---	---	---
Xylene (m & p)	mg/kg	---	---	---	---	---	---	---	---	---
Xylene (o)	mg/kg	---	---	---	---	---	---	---	---	---
Xylene Total	mg/kg	---	---	---	---	---	---	---	---	---
MTBE	mg/kg	---	---	---	---	---	---	---	---	---
VOC										
Dodecane	mg/kg	---	---	---	---	---	---	---	---	---
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2,3-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1-methyl-2-ethyl benzene	mg/kg	---	---	---	---	---	---	---	---	---
1-methyl-3-ethyl benzene	mg/kg	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	---
VOC/SVOC										
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-EC-51-S1	SHO-ED-42-S2	SHO-ED-42-S3	SHO-ED-43-S2	SHO-ED-45-S2	SHO-ED-47-S2	SHO-ED-48-S2	SHO-ED-49-S1	SHO-ED-49-S2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-1-170323	23-3837-3-040423	23-3837-3-040423	23-3837-2-290323	23-3837-1-170323	23-3837-4-120423	23-3837-4-120423	23-3837-14-230523	23-3837-14-230523
Date		06 Mar 2023	22 Mar 2023	22 Mar 2023	22 Mar 2023	06 Mar 2023	30 Mar 2023	30 Mar 2023	11 May 2023	11 May 2023
Depth		1.5	3	4.5	3	3	1.5	1.5	1.5	3
	Unit									
>EC8-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC12-EC16 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
BTEX and MTBE										
Benzene	mg/kg	---	---	---	---	---	---	---	---	---
Toluene	mg/kg	---	---	---	---	---	---	---	---	---
Ethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
p-Xylene	mg/kg	---	---	---	---	---	---	---	---	---
Xylene (m & p)	mg/kg	---	---	---	---	---	---	---	---	---
Xylene (o)	mg/kg	---	---	---	---	---	---	---	---	---
Xylene Total	mg/kg	---	---	---	---	---	---	---	---	---
MTBE	mg/kg	---	---	---	---	---	---	---	---	---
VOC										
Dodecane	mg/kg	---	---	---	---	---	---	---	---	---
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2,3-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1-methyl-2-ethyl benzene	mg/kg	---	---	---	---	---	---	---	---	---
1-methyl-3-ethyl benzene	mg/kg	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	---
VOC/SVOC										
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---

Steel House (TLA) Made Ground Soil

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-ED-49-S3	SHO-EE-50-S3	SHO-EE-45-S2	SHO-ED-45-S3	SHO-EE-42-S3	SHO-EE-45-S3	SHO-EF-46-S3	SHO-EF-49-S1	SHO-EG-43-S2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-14-230523	23-3837-1-170323	23-3837-5-180423	23-3837-5-180423	23-3837-4-120423	23-3837-4-120423	23-3837-4-120423	23-3837-1-170323	23-3837-5-180423
Date		11 May 2023	07 Mar 2023	05 Apr 2023	05 Apr 2023	29 Mar 2023	30 Mar 2023	30 Mar 2023	09 Mar 2023	04 Apr 2023
Depth		4.5	4.5	3	4.5	4.5	3	3	1.5	3
	Unit									
>EC8-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC12-EC16 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
BTEX and MTBE										
Benzene	mg/kg	---	---	---	---	---	---	---	---	---
Toluene	mg/kg	---	---	---	---	---	---	---	---	---
Ethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
p-Xylene	mg/kg	---	---	---	---	---	---	---	---	---
Xylene (m & p)	mg/kg	---	---	---	---	---	---	---	---	---
Xylene (o)	mg/kg	---	---	---	---	---	---	---	---	---
Xylene Total	mg/kg	---	---	---	---	---	---	---	---	---
MTBE	mg/kg	---	---	---	---	---	---	---	---	---
VOC										
Dodecane	mg/kg	---	---	---	---	---	---	---	---	---
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2,3-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1-methyl-2-ethyl benzene	mg/kg	---	---	---	---	---	---	---	---	---
1-methyl-3-ethyl benzene	mg/kg	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	---
VOC/SVOC										
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-EG-44-S2	SHO-EH-45-S3	SHO-EH-46-S3	SHO-EH-43-S1	SHO-EH-44-S1	SHO-EI-44-S2	SHO-EI-44-S3	SHO-EJ-44-S1	SHO-EI-47-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-5-180423	23-3837-14-230523	23-3837-6-210423	23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-10-120523	23-3837-13-150523
Date		04 Apr 2023	10 May 2023	14 Apr 2023	20 Apr 2023	20 Apr 2023	20 Apr 2023	20 Apr 2023	27 Apr 2023	03 May 2023
Depth		3		3	0.1	0.1	1.5	2.5		1.5
	Unit									
>EC8-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC10-EC12 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC12-EC16 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC16-EC21 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
BTEX and MTBE										
Benzene	mg/kg	---	---	---	---	---	---	---	---	---
Toluene	mg/kg	---	---	---	---	---	---	---	---	---
Ethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
p-Xylene	mg/kg	---	---	---	---	---	---	---	---	---
Xylene (m & p)	mg/kg	---	---	---	---	---	---	---	---	---
Xylene (o)	mg/kg	---	---	---	---	---	---	---	---	---
Xylene Total	mg/kg	---	---	---	---	---	---	---	---	---
MTBE	mg/kg	---	---	---	---	---	---	---	---	---
VOC										
Dodecane	mg/kg	---	---	---	---	---	---	---	---	---
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Styrene	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2,3-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1-methyl-2-ethyl benzene	mg/kg	---	---	---	---	---	---	---	---	---
1-methyl-3-ethyl benzene	mg/kg	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	---
VOC/SVOC										
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth											
	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
	SHO-SL-S1	SHO-SL-S1	SHO-SL-S4	SHO-SL-S4	SHO-SL-S9	SHO-SL-S9	SHO-SL-S10	SHO-SL-S10	SHO-SL-S11	SHO-SL-S11	SHO-SL-S11
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123
Unit	13 Jan 2023	13 Jan 2023	13 Jan 2023	13 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023
	2	2	4	4							
>EC8-EC10 Aromatics	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
>EC10-EC12 Aromatics	mg/kg	<0.2	---	<0.2	---	<0.2	---	<0.2	---	<0.2	---
>EC12-EC16 Aromatics	mg/kg	<4	---	<4	---	<4	---	<4	---	<4	---
>EC16-EC21 Aromatics	mg/kg	33	---	<7	---	<7	---	50	---	35	---
>EC21-EC35 Aromatics	mg/kg	89	---	29	---	<7	---	590	---	98	---
>EC35-EC44 Aromatics	mg/kg	<7	---	<7	---	<7	---	52	---	<7	---
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	122	---	29	---	<26	---	692	---	133	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	197	---	<52	---	<52	---	1,138	---	357	---
BTEX and MTBE											
Benzene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Toluene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Ethylbenzene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
p-Xylene	mg/kg	---	---	---	---	---	---	---	---	---	---
Xylene (m & p)	mg/kg	<0.005	---	<0.005	---	<0.005	---	<0.005	---	<0.005	---
Xylene (o)	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Xylene Total	mg/kg	<0.008	---	<0.008	---	<0.008	---	<0.008	---	<0.008	---
MTBE	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
VOC											
Dodecane	mg/kg	---	---	---	---	---	---	---	---	---	---
Sum Tetrachloroethene and Trichloroethene	mg/kg	<0.006	---	<0.006	---	<0.006	---	<0.006	---	<0.006	---
Styrene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
cis-1,3-dichloropropene	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
trans-1,3-dichloropropene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1,1,1,2-tetrachloroethane	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1,1,1-trichloroethane	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1,1,2,2-tetrachloroethane	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1,1,2-trichloroethane	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1,1-dichloroethane	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1,1-dichloroethene	mg/kg	<0.006	---	<0.006	---	<0.006	---	<0.006	---	<0.006	---
1,1-dichloropropene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1,2,3-trichloropropane	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
1,2,3-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	<0.006	---	<0.006	---	<0.006	---	<0.006	---	<0.006	---
1,2-dibromo-3-chloropropane	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
1,2-dibromoethane	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1,2-dichloroethane	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
1,2-dichloropropane	mg/kg	<0.006	---	<0.006	---	<0.006	---	<0.006	---	<0.006	---
1,3,5-trimethylbenzene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1,3-dichloropropane	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1-methyl-2-ethyl benzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1-methyl-3-ethyl benzene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
2-chlorotoluene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
4-chlorotoluene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Bromobenzene	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
Bromochloromethane	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Bromodichloromethane	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Bromoform	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Bromomethane	mg/kg	<0.001	---	<0.001	---	<0.001	---	<0.001	---	<0.001	---
Carbon tetrachloride	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
Chlorodibromomethane	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Chloroethane	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
Chloroform	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Chloromethane	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
cis-1,2-dichloroethene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Dibromomethane	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Dichlorodifluoromethane	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
Dichloromethane	mg/kg	<0.007	---	<0.007	---	<0.007	---	<0.007	---	<0.007	---
Isopropylbenzene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
n-butylbenzene	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
n-propylbenzene	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
p-isopropyltoluene	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
sec-butylbenzene	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
Trichloroethene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
tert-butylbenzene	mg/kg	<0.005	---	<0.005	---	<0.005	---	<0.005	---	<0.005	---
Tetrachloroethene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
trans-1,2-dichloroethene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Trichlorofluoromethane	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
Vinyl chloride	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	<0.007	---	<0.007	---	<0.007	---	<0.007	---	<0.007	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth											
	Unit	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
		SHO-SL-S16	SHO-SL-S16	SHO-SL-S17	SHO-SL-S17	SHO-SL-S18	SHO-SL-S18	SHO-SL-S19	SHO-SL-S19	SHO-SL-S20	SHO-SL-S24
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-919-1-300123
		19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	20 Jan 2023
>EC8-EC10 Aromatics	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	<0.1
>EC10-EC12 Aromatics	mg/kg	<0.2	---	<0.2	---	<0.2	---	<0.2	---	<0.2	1.1
>EC12-EC16 Aromatics	mg/kg	<4	---	<4	---	<4	---	<4	---	<4	14
>EC16-EC21 Aromatics	mg/kg	17	---	<7	---	<7	---	9	---	<7	141
>EC21-EC35 Aromatics	mg/kg	42	---	<7	---	<7	---	128	---	<7	350
>EC35-EC44 Aromatics	mg/kg	<7	---	<7	---	<7	---	15	---	<7	31
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	59	---	<26	---	<26	---	152	---	<26	537
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	180	---	<52	---	<52	---	516	---	<52	537
BTEX and MTBE											
Benzene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
Toluene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
Ethylbenzene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	0.004
p-Xylene	mg/kg	---	---	---	---	---	---	---	---	---	---
Xylene (m & p)	mg/kg	<0.005	---	<0.005	---	<0.005	---	<0.005	---	<0.005	0.017
Xylene (o)	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	0.006
Xylene Total	mg/kg	<0.008	---	<0.008	---	<0.008	---	<0.008	---	<0.008	0.023
MTBE	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	<0.002
VOC											
Dodecane	mg/kg	---	---	---	---	---	---	---	---	---	---
Sum Tetrachloroethene and Trichloroethene	mg/kg	<0.006	---	<0.006	---	<0.006	---	<0.006	---	<0.006	<0.006
Styrene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
cis-1,3-dichloropropene	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	<0.004
trans-1,3-dichloropropene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
1,1,1,2-tetrachloroethane	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
1,1,1-trichloroethane	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
1,1,2,2-tetrachloroethane	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
1,1,2-trichloroethane	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
1,1-dichloroethane	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
1,1-dichloroethene	mg/kg	<0.006	---	<0.006	---	<0.006	---	<0.006	---	<0.006	<0.006
1,1-dichloropropene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
1,2,3-trichloropropane	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	<0.004
1,2,3-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	<0.006	---	<0.006	---	<0.006	---	<0.006	---	<0.006	<0.006
1,2-dibromo-3-chloropropane	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	<0.004
1,2-dibromoethane	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
1,2-dichloroethane	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	<0.004
1,2-dichloropropane	mg/kg	<0.006	---	<0.006	---	<0.006	---	<0.006	---	<0.006	<0.006
1,3,5-trimethylbenzene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
1,3-dichloropropane	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
1-methyl-2-ethyl benzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1-methyl-3-ethyl benzene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	<0.004
2-chlorotoluene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
4-chlorotoluene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
Bromobenzene	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	<0.002
Bromochloromethane	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
Bromodichloromethane	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
Bromoform	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
Bromomethane	mg/kg	<0.001	---	<0.001	---	<0.001	---	<0.001	---	<0.001	<0.001
Carbon tetrachloride	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	<0.004
Chlorodibromomethane	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
Chloroethane	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	<0.002
Chloroform	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
Chloromethane	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
cis-1,2-dichloroethene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
Dibromomethane	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
Dichlorodifluoromethane	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	<0.002
Dichloromethane	mg/kg	0.011	---	<0.007	---	<0.007	---	<0.007	---	<0.007	<0.007
Isopropylbenzene	mg/kg	<0.003	---	<0.003	---	0.004	---	<0.003	---	<0.003	<0.003
n-butylbenzene	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	<0.004
n-propylbenzene	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	<0.004
p-isopropyltoluene	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	<0.004
sec-butylbenzene	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	<0.004
Trichloroethene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
tert-butylbenzene	mg/kg	<0.005	---	<0.005	---	<0.005	---	<0.005	---	<0.005	<0.005
Tetrachloroethene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
trans-1,2-dichloroethene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
Trichlorofluoromethane	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	<0.002
Vinyl chloride	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	<0.002
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	<0.007	---	<0.007	---	<0.007	---	<0.007	---	<0.007	<0.007

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-SL-S24	SHO-SL-S25	SHO-SL-S25	SHO-SL-S28	SHO-SL-S28	SHO-SL-S31	SHO-SL-S31	SHO-SL-S34	SHO-SL-S34
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-919-1-300123	23-919-1-300123	23-919-1-300123	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223
Date		20 Jan 2023	20 Jan 2023	20 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023
Depth										
	Unit									
>EC8-EC10 Aromatics	mg/kg	---	<0.1	---	31.6	---	<0.1	---	0.1	---
>EC10-EC12 Aromatics	mg/kg	---	<0.2	---	1,394.4	---	11.4	---	<0.2	---
>EC12-EC16 Aromatics	mg/kg	---	<4	---	1,432	---	26	---	10	---
>EC16-EC21 Aromatics	mg/kg	---	48	---	2,379	---	106	---	123	---
>EC21-EC35 Aromatics	mg/kg	---	143	---	5,391	---	445	---	257	---
>EC35-EC44 Aromatics	mg/kg	---	13	---	196	---	53	---	47	---
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	---	204	---	10,842	---	641	---	437	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	239	---	12,885	---	805	---	467	---
BTEX and MTBE										
Benzene	mg/kg	---	<0.003	---	8.2	---	0.029	---	0.145	---
Toluene	mg/kg	---	<0.003	---	31.133	---	0.084	---	0.18	---
Ethylbenzene	mg/kg	---	<0.003	---	7.6	18.491	0.026	---	0.035	---
p-Xylene	mg/kg	---	---	---	16.4	---	---	---	---	---
Xylene (m & p)	mg/kg	---	<0.005	---	81.192	---	0.114	---	0.122	---
Xylene (o)	mg/kg	---	<0.003	---	33.545	---	0.042	---	0.033	---
Xylene Total	mg/kg	---	<0.008	---	114.737	---	0.156	---	0.155	---
MTBE	mg/kg	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
VOC										
Dodecane	mg/kg	---	---	---	9.7	---	---	---	---	---
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	0.007	---	0.232	---	<0.006	---	<0.006	---
Styrene	mg/kg	---	<0.003	---	11.5	24.379	0.025	---	0.009	---
cis-1,3-dichloropropene	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
trans-1,3-dichloropropene	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1,1,1,2-tetrachloroethane	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1,1,1-trichloroethane	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1,1,2,2-tetrachloroethane	mg/kg	0.6	<0.003	0.7	<0.003	---	<0.003	---	<0.003	---
1,1,2-trichloroethane	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1,1-dichloroethane	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1,1-dichloroethene	mg/kg	---	<0.006	---	<0.006	---	<0.006	---	<0.006	---
1,1-dichloropropene	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1,2,3-trichloropropane	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
1,2,3-trimethylbenzene	mg/kg	---	---	---	7.5	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	<0.006	---	83.999	---	0.028	---	0.018	---
1,2-dibromo-3-chloropropane	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
1,2-dibromoethane	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1,2-dichloroethane	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
1,2-dichloropropane	mg/kg	---	<0.006	---	0.035	---	<0.006	---	<0.006	---
1,3,5-trimethylbenzene	mg/kg	---	<0.003	---	10.295	---	0.009	---	0.004	---
1,3-dichloropropane	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1-methyl-2-ethyl benzene	mg/kg	---	---	---	11.8	---	---	---	---	---
1-methyl-3-ethyl benzene	mg/kg	---	---	---	6	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
2-chlorotoluene	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
4-chlorotoluene	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Bromobenzene	mg/kg	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
Bromochloromethane	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Bromodichloromethane	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Bromoform	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Bromomethane	mg/kg	---	<0.001	---	<0.001	---	<0.001	---	<0.001	---
Carbon tetrachloride	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
Chlorodibromomethane	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Chloroethane	mg/kg	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
Chloroform	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Chloromethane	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
cis-1,2-dichloroethene	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Dibromomethane	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Dichlorodifluoromethane	mg/kg	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
Dichloromethane	mg/kg	---	0.014	---	<0.007	---	<0.007	---	<0.007	---
Isopropylbenzene	mg/kg	---	<0.003	---	0.483	---	<0.003	---	<0.003	---
n-butylbenzene	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
n-propylbenzene	mg/kg	---	<0.004	---	2.231	---	<0.004	---	<0.004	---
p-isopropyltoluene	mg/kg	---	<0.004	---	0.399	---	<0.004	---	<0.004	---
sec-butylbenzene	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
Trichloroethene	mg/kg	---	0.004	---	0.229	---	<0.003	---	<0.003	---
tert-butylbenzene	mg/kg	---	<0.005	---	<0.005	---	<0.005	---	<0.005	---
Tetrachloroethene	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
trans-1,2-dichloroethene	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Trichlorofluoromethane	mg/kg	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
Vinyl chloride	mg/kg	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
VOC/SVOC										
1,2,3-trichlorobenzene	mg/kg	---	<0.007	---	<0.007	---	<0.007	---	<0.007	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-SL-S40	SHO-SL-S40	SHO-TS1 AUK TP101-S2	SHO-TS1 AUK TP102-S2	SHO-TS1 AUK TP102-S4	SHO-TS1 AUK TP103-S3	SHO-TS1 AUK TP104-S2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-1151-1-070223	23-1151-1-070223	106848	106848	106848	106848	106848
Date		23 Jan 2023	23 Jan 2023	02 Mar 2022	02 Mar 2022	02 Mar 2022	03 Mar 2022	02 Mar 2022
Depth				3.5	2.5	4.7	1	1.6
	Unit							
>EC8-EC10 Aromatics	mg/kg	<0.1	---	<0.01	29	0.03	<0.01	<0.01
>EC10-EC12 Aromatics	mg/kg	<0.2	---	8	725	8	3	3
>EC12-EC16 Aromatics	mg/kg	<4	---	27	741	30	5	7
>EC16-EC21 Aromatics	mg/kg	8	---	17	525	36	8	8
>EC21-EC35 Aromatics	mg/kg	10	---	90	1,237	161	54	50
>EC35-EC44 Aromatics	mg/kg	<7	---	16	42	34	17	20
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	<26	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	64	---	---	---	---	---	---
BTEX and MTBE								
Benzene	mg/kg	0.067	---	<0.01	1.25	<0.01	<0.01	<0.01
Toluene	mg/kg	0.115	---	<0.01	6.56	<0.01	<0.01	<0.01
Ethylbenzene	mg/kg	0.021	---	<0.01	3.76	<0.01	<0.01	<0.01
p-Xylene	mg/kg	---	---	---	---	---	---	---
Xylene (m & p)	mg/kg	0.076	---	<0.02	16.78	<0.02	<0.02	<0.02
Xylene (o)	mg/kg	0.021	---	<0.01	8.09	<0.01	<0.01	<0.01
Xylene Total	mg/kg	0.097	---	<0.03	24.87	<0.03	<0.03	<0.03
MTBE	mg/kg	<0.002	---	<0.02	<0.02	<0.02	<0.02	<0.02
VOC								
Dodecane	mg/kg	---	---	---	---	---	---	---
Sum Tetrachloroethene and Trichloroethene	mg/kg	0.007	---	<0.02	<0.02	<0.02	<0.02	<0.02
Styrene	mg/kg	0.031	---	<0.01	0.64	<0.01	<0.01	<0.01
cis-1,3-dichloropropene	mg/kg	<0.004	---	<0.01	<0.01	<0.01	<0.01	<0.01
trans-1,3-dichloropropene	mg/kg	<0.003	---	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,1,2-tetrachloroethane	mg/kg	<0.003	---	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,1-trichloroethane	mg/kg	<0.003	---	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2,2-tetrachloroethane	mg/kg	<0.003	---	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2-trichloroethane	mg/kg	<0.003	---	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-dichloroethane	mg/kg	<0.003	---	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-dichloroethene	mg/kg	<0.006	---	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-dichloropropene	mg/kg	<0.003	---	<0.01	<0.01	<0.01	<0.01	<0.01
1,2,3-trichloropropane	mg/kg	<0.004	---	<0.01	<0.01	<0.01	<0.01	<0.01
1,2,3-trimethylbenzene	mg/kg	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	0.043	---	<0.01	2.33	<0.01	<0.01	<0.01
1,2-dibromo-3-chloropropane	mg/kg	<0.004	---	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-dibromoethane	mg/kg	<0.003	---	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-dichloroethane	mg/kg	<0.004	---	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-dichloropropane	mg/kg	<0.006	---	<0.01	<0.01	<0.01	<0.01	<0.01
1,3,5-trimethylbenzene	mg/kg	<0.003	---	<0.01	0.66	<0.01	<0.01	<0.01
1,3-dichloropropane	mg/kg	<0.003	---	<0.01	<0.01	<0.01	<0.01	<0.01
1-methyl-2-ethyl benzene	mg/kg	---	---	---	---	---	---	---
1-methyl-3-ethyl benzene	mg/kg	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	<0.004	---	<0.01	<0.01	<0.01	<0.01	<0.01
2-chlorotoluene	mg/kg	<0.003	---	<0.01	<0.01	<0.01	<0.01	<0.01
4-chlorotoluene	mg/kg	<0.003	---	<0.01	<0.01	<0.01	<0.01	<0.01
Bromobenzene	mg/kg	<0.002	---	<0.01	<0.01	<0.01	<0.01	<0.01
Bromochloromethane	mg/kg	<0.003	---	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	mg/kg	<0.003	---	<0.01	<0.01	<0.01	<0.01	<0.01
Bromoform	mg/kg	<0.003	---	<0.01	<0.01	<0.01	<0.01	<0.01
Bromomethane	mg/kg	<0.001	---	<0.03	<0.03	<0.03	<0.03	<0.03
Carbon tetrachloride	mg/kg	<0.004	---	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorodibromomethane	mg/kg	<0.003	---	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroethane	mg/kg	<0.002	---	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroform	mg/kg	<0.003	---	<0.01	<0.01	<0.01	<0.01	<0.01
Chloromethane	mg/kg	<0.003	---	<0.01	<0.01	<0.01	<0.01	<0.01
cis-1,2-dichloroethene	mg/kg	<0.003	---	<0.01	<0.01	<0.01	<0.01	<0.01
Dibromomethane	mg/kg	<0.003	---	<0.01	<0.01	<0.01	<0.01	<0.01
Dichlorodifluoromethane	mg/kg	<0.002	---	<0.01	<0.01	<0.01	<0.01	<0.01
Dichloromethane	mg/kg	<0.007	---	---	---	---	---	---
Isopropylbenzene	mg/kg	<0.003	---	<0.01	0.02	<0.01	<0.01	<0.01
n-butylbenzene	mg/kg	<0.004	---	<0.01	<0.01	<0.01	<0.01	<0.01
n-propylbenzene	mg/kg	<0.004	---	<0.01	0.12	<0.01	<0.01	<0.01
p-isopropyltoluene	mg/kg	<0.004	---	<0.01	<0.01	<0.01	<0.01	<0.01
sec-butylbenzene	mg/kg	<0.004	---	<0.01	<0.01	<0.01	<0.01	<0.01
Trichloroethene	mg/kg	0.004	---	<0.01	<0.01	<0.01	<0.01	<0.01
tert-butylbenzene	mg/kg	<0.005	---	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	mg/kg	<0.003	---	<0.01	<0.01	<0.01	<0.01	<0.01
trans-1,2-dichloroethene	mg/kg	<0.003	---	<0.01	<0.01	<0.01	<0.01	<0.01
Trichlorofluoromethane	mg/kg	<0.002	---	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl chloride	mg/kg	<0.002	---	<0.01	<0.01	<0.01	<0.01	<0.01
VOC/SVOC								
1,2,3-trichlorobenzene	mg/kg	<0.007	---	<0.01	<0.01	<0.01	<0.01	<0.01

Matrix Description Location Code Matrix Type Lab Report Number Date Depth		GMG	GMG	GMG	GMG	GMG	GMG	GMG
		SHO-TS1 AUK TP105-S4	SHO-TS1 AUK TP106-S2	SHO-TS1 AUK TP107-S2	SHO-TS1 AUK TP107-S5	SHO-TS1 AUK TP107-S7	SHO-TS1 AUK TP108-S1	SHO-TS1 AUK TP109-S1
		Soil	Soil	Soil	Soil	Soil	Soil	Soil
		106848	106848	106848	106848	106848	106848	106848
		02 Mar 2022	04 Mar 2022	04 Mar 2022	04 Mar 2022	04 Mar 2022	03 Mar 2022	03 Mar 2022
		1	2.5	1	3	4.2	3	3.5
	Unit							
>EC8-EC10 Aromatics	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
>EC10-EC12 Aromatics	mg/kg	9	8	9	9	9	12	8
>EC12-EC16 Aromatics	mg/kg	24	22	20	23	19	25	18
>EC16-EC21 Aromatics	mg/kg	21	16	16	19	16	23	15
>EC21-EC35 Aromatics	mg/kg	116	79	64	68	65	100	65
>EC35-EC44 Aromatics	mg/kg	19	13	16	16	15	23	13
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---
BTEX and MTBE								
Benzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethylbenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
p-Xylene	mg/kg	---	---	---	---	---	---	---
Xylene (m & p)	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Xylene (o)	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Xylene Total	mg/kg	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
MTBE	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
VOC								
Dodecane	mg/kg	---	---	---	---	---	---	---
Sum Tetrachloroethene and Trichloroethene	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Styrene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
cis-1,3-dichloropropene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
trans-1,3-dichloropropene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,1,2-tetrachloroethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,1-trichloroethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2,2-tetrachloroethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2-trichloroethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-dichloroethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-dichloroethene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-dichloropropene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2,3-trichloropropane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2,3-trimethylbenzene	mg/kg	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-dibromo-3-chloropropane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-dibromoethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-dichloroethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-dichloropropane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,3,5-trimethylbenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,3-dichloropropane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1-methyl-2-ethyl benzene	mg/kg	---	---	---	---	---	---	---
1-methyl-3-ethyl benzene	mg/kg	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-chlorotoluene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-chlorotoluene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromobenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromochloromethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromoform	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromomethane	mg/kg	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Carbon tetrachloride	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorodibromomethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroform	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloromethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
cis-1,2-dichloroethene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibromomethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dichlorodifluoromethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dichloromethane	mg/kg	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
n-butylbenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
n-propylbenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
p-isopropyltoluene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
sec-butylbenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trichloroethene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
tert-butylbenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
trans-1,2-dichloroethene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trichlorofluoromethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl chloride	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
VOC/SVOC								
1,2,3-trichlorobenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-TS1 AUK TP110-S1	SHO-TS1 AUK TP111-S1	SHO-TS1 AUK TP111-S3	SHO-TS1 AUK TP112-S1	SHO-TS1 AUK TP113-S1	SHO-TS1 AUK TP114-S1	TLA-SL-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		106848	106848	106848	106848	106848	106848	23-524-1-260123
Date		03 Mar 2022	03 Mar 2022	03 Mar 2022	04 Mar 2022	04 Mar 2022	04 Mar 2022	11 Jan 2023
Depth		2.5	4	2.2	1.5	1.5	2	1
	Unit							
>EC8-EC10 Aromatics	mg/kg	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1
>EC10-EC12 Aromatics	mg/kg	17	14	10	16	8	7	<0.2
>EC12-EC16 Aromatics	mg/kg	41	35	25	68	20	15	<4
>EC16-EC21 Aromatics	mg/kg	61	39	23	248	17	12	39
>EC21-EC35 Aromatics	mg/kg	257	236	105	550	77	49	188
>EC35-EC44 Aromatics	mg/kg	22	47	22	74	15	10	77
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	---	---	---	---	---	---	304
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	503
BTEX and MTBE								
Benzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
Toluene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
Ethylbenzene	mg/kg	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
p-Xylene	mg/kg	---	---	---	---	---	---	---
Xylene (m & p)	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.005
Xylene (o)	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
Xylene Total	mg/kg	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.008
MTBE	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.002
VOC								
Dodecane	mg/kg	---	---	---	---	---	---	0.197
Sum Tetrachloroethene and Trichloroethene	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.006
Styrene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
cis-1,3-dichloropropene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.004
trans-1,3-dichloropropene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
1,1,1,2-tetrachloroethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
1,1,1-trichloroethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
1,1,2,2-tetrachloroethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
1,1,2-trichloroethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
1,1-dichloroethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
1,1-dichloroethene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.006
1,1-dichloropropene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
1,2,3-trichloropropane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.004
1,2,3-trimethylbenzene	mg/kg	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.006
1,2-dibromo-3-chloropropane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.004
1,2-dibromoethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
1,2-dichloroethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.004
1,2-dichloropropane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.006
1,3,5-trimethylbenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
1,3-dichloropropane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
1-methyl-2-ethyl benzene	mg/kg	---	---	---	---	---	---	---
1-methyl-3-ethyl benzene	mg/kg	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.004
2-chlorotoluene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
4-chlorotoluene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
Bromobenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002
Bromochloromethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
Bromodichloromethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
Bromoform	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
Bromomethane	mg/kg	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.001
Carbon tetrachloride	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.004
Chlorodibromomethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
Chloroethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002
Chloroform	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
Chloromethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.003
cis-1,2-dichloroethene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
Dibromomethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
Dichlorodifluoromethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002
Dichloromethane	mg/kg	---	---	---	---	---	---	0.013
Isopropylbenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
n-butylbenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.004
n-propylbenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.004
p-isopropyltoluene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.004
sec-butylbenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.004
Trichloroethene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
tert-butylbenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005
Tetrachloroethene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
trans-1,2-dichloroethene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
Trichlorofluoromethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002
Vinyl chloride	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002
VOC/SVOC								
1,2,3-trichlorobenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.007

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
		TLA-SL-S1	TLA-SL-S2	TLA-SL-S2	TLA-SL-S4	TLA-SL-S4	TLA-SL-S5	TLA-SL-S5	TLA-SL-S6	TLA-SL-S6
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123
		11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023
		1	2	2	3	3	3.5	3.5	2	2
>EC8-EC10 Aromatics	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
>EC10-EC12 Aromatics	mg/kg	---	<0.2	---	<0.2	---	<0.2	---	2.6	---
>EC12-EC16 Aromatics	mg/kg	---	<4	---	<4	---	6	---	31	---
>EC16-EC21 Aromatics	mg/kg	---	17	---	35	---	70	---	206	---
>EC21-EC35 Aromatics	mg/kg	---	88	---	114	---	150	---	291	---
>EC35-EC44 Aromatics	mg/kg	---	52	---	37	---	33	---	35	---
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	---	157	---	186	---	259	---	566	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	271	---	431	---	385	---	701	---
BTEX and MTBE										
Benzene	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Toluene	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Ethylbenzene	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
p-Xylene	mg/kg	---	---	---	---	---	---	---	---	---
Xylene (m & p)	mg/kg	---	<0.005	---	<0.005	---	<0.005	---	<0.005	---
Xylene (o)	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Xylene Total	mg/kg	---	<0.008	---	<0.008	---	<0.008	---	<0.008	---
MTBE	mg/kg	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
VOC										
Dodecane	mg/kg	---	0.133	---	---	---	---	---	---	---
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	<0.006	---	<0.006	---	<0.006	---	<0.006	---
Styrene	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
cis-1,3-dichloropropene	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
trans-1,3-dichloropropene	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1,1,1,2-tetrachloroethane	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1,1,1-trichloroethane	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1,1,2,2-tetrachloroethane	mg/kg	---	<0.003	---	<0.003	0.353	<0.003	---	<0.003	---
1,1,2-trichloroethane	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1,1-dichloroethane	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1,1-dichloroethene	mg/kg	---	<0.006	---	<0.006	---	<0.006	---	<0.006	---
1,1-dichloropropene	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1,2,3-trichloropropane	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
1,2,3-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	<0.006	---	<0.006	---	<0.006	---	<0.006	---
1,2-dibromo-3-chloropropane	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
1,2-dibromoethane	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1,2-dichloroethane	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
1,2-dichloropropane	mg/kg	---	<0.006	---	<0.006	---	<0.006	---	<0.006	---
1,3,5-trimethylbenzene	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1,3-dichloropropane	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1-methyl-2-ethyl benzene	mg/kg	---	---	---	---	---	---	---	---	---
1-methyl-3-ethyl benzene	mg/kg	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
2-chlorotoluene	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
4-chlorotoluene	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Bromobenzene	mg/kg	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
Bromochloromethane	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Bromodichloromethane	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Bromoform	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Bromomethane	mg/kg	---	<0.001	---	<0.001	---	<0.001	---	<0.001	---
Carbon tetrachloride	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
Chlorodibromomethane	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Chloroethane	mg/kg	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
Chloroform	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Chloromethane	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
cis-1,2-dichloroethene	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Dibromomethane	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Dichlorodifluoromethane	mg/kg	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
Dichloromethane	mg/kg	---	0.01	---	0.016	---	0.009	---	0.017	---
Isopropylbenzene	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
n-butylbenzene	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
n-propylbenzene	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
p-isopropyltoluene	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
sec-butylbenzene	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
Trichloroethene	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
tert-butylbenzene	mg/kg	---	<0.005	---	<0.005	---	<0.005	---	<0.005	---
Tetrachloroethene	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
trans-1,2-dichloroethene	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Trichlorofluoromethane	mg/kg	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
Vinyl chloride	mg/kg	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
VOC/SVOC										
1,2,3-trichlorobenzene	mg/kg	---	<0.007	---	<0.007	---	<0.007	---	<0.007	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		TLA-SL-S7	TLA-SL-S8	TLA-SL-S8	TLA-SL-S9	TLA-SL-S10	TLA-SL-S10	TLA-SL-S11	TLA-SL-S11	TLA-SL-S12	TLA-SL-S12
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123
Date		12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023
Depth		1	3.5	3.5	2	3	3	1	1	3	3
	Unit										
>EC8-EC10 Aromatics	mg/kg	---	<0.1	---	<0.1	<0.1	---	<0.1	---	<0.1	---
>EC10-EC12 Aromatics	mg/kg	---	<0.2	---	<0.2	<0.2	---	<0.2	---	<0.2	---
>EC12-EC16 Aromatics	mg/kg	---	9	---	<4	<4	---	<4	---	<4	---
>EC16-EC21 Aromatics	mg/kg	---	39	---	<7	47	---	39	---	34	---
>EC21-EC35 Aromatics	mg/kg	---	162	---	<7	130	---	150	---	91	---
>EC35-EC44 Aromatics	mg/kg	---	10	---	<7	<7	---	10	---	<7	---
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	---	220	---	<26	177	---	199	---	125	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	494	---	57	227	---	378	---	208	---
BTEX and MTBE											
Benzene	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
Toluene	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
Ethylbenzene	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
p-Xylene	mg/kg	---	---	---	---	---	---	---	---	---	---
Xylene (m & p)	mg/kg	---	<0.005	---	<0.005	<0.005	---	0.01	---	<0.005	---
Xylene (o)	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
Xylene Total	mg/kg	---	<0.008	---	<0.008	<0.008	---	0.013	---	<0.008	---
MTBE	mg/kg	---	<0.002	---	<0.002	<0.002	---	<0.002	---	<0.002	---
VOC											
Dodecane	mg/kg	---	---	---	---	---	---	---	---	---	---
Sum Tetrachloroethene and Trichloroethene	mg/kg	---	<0.006	---	<0.006	<0.006	---	<0.006	---	<0.006	---
Styrene	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
cis-1,3-dichloropropene	mg/kg	---	<0.004	---	<0.004	<0.004	---	<0.004	---	<0.004	---
trans-1,3-dichloropropene	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
1,1,1,2-tetrachloroethane	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
1,1,1-trichloroethane	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
1,1,2,2-tetrachloroethane	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
1,1,2-trichloroethane	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
1,1-dichloroethane	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
1,1-dichloroethene	mg/kg	---	<0.006	---	<0.006	<0.006	---	<0.006	---	<0.006	---
1,1-dichloropropene	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
1,2,3-trichloropropane	mg/kg	---	<0.004	---	<0.004	<0.004	---	<0.004	---	<0.004	---
1,2,3-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	<0.006	---	<0.006	<0.006	---	<0.006	---	<0.006	---
1,2-dibromo-3-chloropropane	mg/kg	---	<0.004	---	<0.004	<0.004	---	<0.004	---	<0.004	---
1,2-dibromoethane	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
1,2-dichloroethane	mg/kg	---	<0.004	---	<0.004	<0.004	---	<0.004	---	<0.004	---
1,2-dichloropropane	mg/kg	---	<0.006	---	<0.006	<0.006	---	<0.006	---	<0.006	---
1,3,5-trimethylbenzene	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
1,3-dichloropropane	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
1-methyl-2-ethyl benzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1-methyl-3-ethyl benzene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	<0.004	---	<0.004	<0.004	---	<0.004	---	<0.004	---
2-chlorotoluene	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
4-chlorotoluene	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
Bromobenzene	mg/kg	---	<0.002	---	<0.002	<0.002	---	<0.002	---	<0.002	---
Bromochloromethane	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
Bromodichloromethane	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
Bromoform	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
Bromomethane	mg/kg	---	<0.001	---	<0.001	<0.001	---	<0.001	---	<0.001	---
Carbon tetrachloride	mg/kg	---	<0.004	---	<0.004	<0.004	---	<0.004	---	<0.004	---
Chlorodibromomethane	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
Chloroethane	mg/kg	---	<0.002	---	<0.002	<0.002	---	<0.002	---	<0.002	---
Chloroform	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
Chloromethane	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
cis-1,2-dichloroethene	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
Dibromomethane	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
Dichlorodifluoromethane	mg/kg	---	<0.002	---	<0.002	<0.002	---	<0.002	---	<0.002	---
Dichloromethane	mg/kg	---	0.04	---	0.01	<0.007	---	<0.007	---	<0.007	---
Isopropylbenzene	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
n-butylbenzene	mg/kg	---	<0.004	---	<0.004	<0.004	---	<0.004	---	<0.004	---
n-propylbenzene	mg/kg	---	<0.004	---	<0.004	<0.004	---	<0.004	---	<0.004	---
p-isopropyltoluene	mg/kg	---	<0.004	---	<0.004	<0.004	---	<0.004	---	<0.004	---
sec-butylbenzene	mg/kg	---	<0.004	---	<0.004	<0.004	---	<0.004	---	<0.004	---
Trichloroethene	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
tert-butylbenzene	mg/kg	---	<0.005	---	<0.005	<0.005	---	<0.005	---	<0.005	---
Tetrachloroethene	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
trans-1,2-dichloroethene	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
Trichlorofluoromethane	mg/kg	---	<0.002	---	<0.002	<0.002	---	<0.002	---	<0.002	---
Vinyl chloride	mg/kg	---	<0.002	---	<0.002	<0.002	---	<0.002	---	<0.002	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	<0.007	---	<0.007	<0.007	---	<0.007	---	<0.007	---

Matrix Description		GMG	GMG	TFD (re-worked)	TFD (re-worked)	TFD (re-worked)
Location Code		TLA-SL-S13	TLA-SL-S13	SHO-EF-43-S3	SHO-TS1_AUK_TP105-S3	SHO-TS1_AUK_TP106-S5
Matrix Type		Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-560-1-260123	23-560-1-260123	23-3837-12-160523	106848	106848
Date		12 Jan 2023	12 Jan 2023	28 Apr 2023	02 Mar 2022	04 Mar 2022
Depth		2	2	3	4	4
	Unit					
>EC8-EC10 Aromatics	mg/kg	<0.1	---	---	<0.01	<0.01
>EC10-EC12 Aromatics	mg/kg	<0.2	---	---	1	<1
>EC12-EC16 Aromatics	mg/kg	<4	---	---	3	2
>EC16-EC21 Aromatics	mg/kg	32	---	---	4	2
>EC21-EC35 Aromatics	mg/kg	96	---	---	26	13
>EC35-EC44 Aromatics	mg/kg	<7	---	---	10	7
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	128	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	128	---	---	---	---
BTEX and MTBE						
Benzene	mg/kg	<0.003	---	---	<0.01	<0.01
Toluene	mg/kg	<0.003	---	---	<0.01	<0.01
Ethylbenzene	mg/kg	<0.003	---	---	<0.01	<0.01
p-Xylene	mg/kg	---	---	---	---	---
Xylene (m & p)	mg/kg	<0.005	---	---	<0.02	<0.02
Xylene (o)	mg/kg	<0.003	---	---	<0.01	<0.01
Xylene Total	mg/kg	<0.008	---	---	<0.03	<0.03
MTBE	mg/kg	<0.002	---	---	<0.02	<0.02
VOC						
Dodecane	mg/kg	---	---	---	---	---
Sum Tetrachloroethene and Trichloroethene	mg/kg	<0.006	---	---	<0.02	<0.02
Styrene	mg/kg	<0.003	---	---	<0.01	<0.01
cis-1,3-dichloropropene	mg/kg	<0.004	---	---	<0.01	<0.01
trans-1,3-dichloropropene	mg/kg	<0.003	---	---	<0.01	<0.01
1,1,1,2-tetrachloroethane	mg/kg	<0.003	---	---	<0.01	<0.01
1,1,1-trichloroethane	mg/kg	<0.003	---	---	<0.01	<0.01
1,1,2,2-tetrachloroethane	mg/kg	<0.003	---	---	<0.01	<0.01
1,1,2-trichloroethane	mg/kg	<0.003	---	---	<0.01	<0.01
1,1-dichloroethane	mg/kg	<0.003	---	---	<0.01	<0.01
1,1-dichloroethene	mg/kg	<0.006	---	---	<0.01	<0.01
1,1-dichloropropene	mg/kg	<0.003	---	---	<0.01	<0.01
1,2,3-trichloropropane	mg/kg	<0.004	---	---	<0.01	<0.01
1,2,3-trimethylbenzene	mg/kg	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	<0.006	---	---	<0.01	<0.01
1,2-dibromo-3-chloropropane	mg/kg	<0.004	---	---	<0.01	<0.01
1,2-dibromoethane	mg/kg	<0.003	---	---	<0.01	<0.01
1,2-dichloroethane	mg/kg	<0.004	---	---	<0.01	<0.01
1,2-dichloropropane	mg/kg	<0.006	---	---	<0.01	<0.01
1,3,5-trimethylbenzene	mg/kg	<0.003	---	---	<0.01	<0.01
1,3-dichloropropane	mg/kg	<0.003	---	---	<0.01	<0.01
1-methyl-2-ethyl benzene	mg/kg	---	---	---	---	---
1-methyl-3-ethyl benzene	mg/kg	---	---	---	---	---
2,2-dichloropropane	mg/kg	<0.004	---	---	<0.01	<0.01
2-chlorotoluene	mg/kg	<0.003	---	---	<0.01	<0.01
4-chlorotoluene	mg/kg	<0.003	---	---	<0.01	<0.01
Bromobenzene	mg/kg	<0.002	---	---	<0.01	<0.01
Bromochloromethane	mg/kg	<0.003	---	---	<0.01	<0.01
Bromodichloromethane	mg/kg	<0.003	---	---	<0.01	<0.01
Bromoform	mg/kg	<0.003	---	---	<0.01	<0.01
Bromomethane	mg/kg	<0.001	---	---	<0.03	<0.03
Carbon tetrachloride	mg/kg	<0.004	---	---	<0.01	<0.01
Chlorodibromomethane	mg/kg	<0.003	---	---	<0.01	<0.01
Chloroethane	mg/kg	<0.002	---	---	<0.01	<0.01
Chloroform	mg/kg	<0.003	---	---	<0.01	<0.01
Chloromethane	mg/kg	<0.003	---	---	<0.01	<0.01
cis-1,2-dichloroethene	mg/kg	<0.003	---	---	<0.01	<0.01
Dibromomethane	mg/kg	<0.003	---	---	<0.01	<0.01
Dichlorodifluoromethane	mg/kg	<0.002	---	---	<0.01	<0.01
Dichloromethane	mg/kg	<0.007	---	---	---	---
Isopropylbenzene	mg/kg	<0.003	---	---	<0.01	<0.01
n-butylbenzene	mg/kg	<0.004	---	---	<0.01	<0.01
n-propylbenzene	mg/kg	<0.004	---	---	<0.01	<0.01
p-isopropyltoluene	mg/kg	<0.004	---	---	<0.01	<0.01
sec-butylbenzene	mg/kg	<0.004	---	---	<0.01	<0.01
Trichloroethene	mg/kg	<0.003	---	---	<0.01	<0.01
tert-butylbenzene	mg/kg	<0.005	---	---	<0.01	<0.01
Tetrachloroethene	mg/kg	<0.003	---	---	<0.01	<0.01
trans-1,2-dichloroethene	mg/kg	<0.003	---	---	<0.01	<0.01
Trichlorofluoromethane	mg/kg	<0.002	---	---	<0.01	<0.01
Vinyl chloride	mg/kg	<0.002	---	---	<0.01	<0.01
VOC/SVOC						
1,2,3-trichlorobenzene	mg/kg	<0.007	---	---	<0.01	<0.01

Matrix Description		CMG	CMG	CMG	CMG	CMG	CMG	CMG	CMG	CMG
Location Code		SHO-DY-48-S1	SHO-DZ-48-S1	SHO-ED-41-S3	SHO-ED-51-S4	SHO-ED-51-S4	SHO-ED-51-S4	SHO-ED-51-S4	SHO-ED-51-S4	SHO-ED-51-S4
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-2-290323	23-3460-1-150323	23-3837-3-040423	23-3837-1-170323	23-3837-1-170323	23-3837-4-120423	23-3837-3-040423	23-3837-1-170323	23-560-1-260123
Date		21 Mar 2023	01 Mar 2023	22 Mar 2023	07 Mar 2023	07 Mar 2023	29 Mar 2023	23 Mar 2023	08 Mar 2023	13 Jan 2023
Depth		1.5	1.5	4.5	4	4	3	3	2.5	4.5
	Unit									
1,2,4-trichlorobenzene	mg/kg	---	---	---	<0.007	---	---	---	---	<0.007
1,2-dichlorobenzene	mg/kg	---	---	---	<0.01	0.048	---	---	---	<0.004
1,3-dichlorobenzene	mg/kg	---	---	---	<0.004	---	---	---	---	<0.004
1,4-dichlorobenzene	mg/kg	---	---	---	<0.004	---	---	---	---	<0.004
Chlorobenzene	mg/kg	---	---	---	0.014	---	---	---	---	<0.003
Hexachlorobutadiene	mg/kg	---	---	---	<0.004	---	---	---	---	<0.004
SVOC										
4-bromophenyl phenyl ether	mg/kg	---	---	---	<0.01	---	---	---	---	<0.01
4-nitroaniline	mg/kg	---	---	---	<0.01	---	---	---	---	<0.01
4-nitrophenol	mg/kg	---	---	---	<0.01	---	---	---	---	<0.01
Hentriacontane	mg/kg	---	---	---	---	---	---	---	---	---
Naphtho(2,1,8-def)quinoline	mg/kg	---	---	---	---	---	---	---	---	---
Naphtho[2,1-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
3-Bromo-5-ethoxy-4-hydroxybenzaldehyde	mg/kg	---	---	---	---	---	---	---	---	---
1,1-Biphenyl	mg/kg	---	---	---	---	---	---	---	---	---
Perylene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo[a]carbazole	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	<0.01	---	---	---	---	<0.01
2,4,6-trichlorophenol	mg/kg	---	---	---	<0.01	---	---	---	---	<0.01
2,4-dichlorophenol	mg/kg	---	---	---	<0.01	---	---	---	---	<0.01
2,4-dimethylphenol	mg/kg	---	---	---	3.021	---	---	---	---	<0.01
2,4-dinitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	<0.01	---	---	---	---	<0.01
2,6-dinitrotoluene	mg/kg	---	---	---	<0.01	---	---	---	---	<0.01
2-chloronaphthalene	mg/kg	---	---	---	<0.01	---	---	---	---	<0.01
2-chlorophenol	mg/kg	---	---	---	1.567	---	---	---	---	<0.01
2-methylnaphthalene	mg/kg	---	---	---	17.303	---	---	---	---	<0.01
2-methylphenol	mg/kg	---	---	---	0.925	---	---	---	---	<0.01
2-nitroaniline	mg/kg	---	---	---	<0.01	---	---	---	---	<0.01
2-nitrophenol	mg/kg	---	---	---	<0.01	---	---	---	---	<0.01
3-nitroaniline	mg/kg	---	---	---	<0.01	---	---	---	---	<0.01
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	<0.01	---	---	---	---	<0.01
4-chloroaniline	mg/kg	---	---	---	<0.01	---	---	---	---	<0.01
4-chlorophenyl phenyl ether	mg/kg	---	---	---	<0.01	---	---	---	---	<0.01
4-methylphenol	mg/kg	---	---	---	5.574	---	---	---	---	<0.01
9-Anthracenecarbonitrile	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(e)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	<0.01	---	---	---	---	<0.01
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	<0.01	---	---	---	---	<0.01
Bis(2-chloroethyl)ether	mg/kg	---	---	---	<0.01	---	---	---	---	<0.01
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	<0.1	---	---	---	---	<0.1
Butyl benzyl phthalate	mg/kg	---	---	---	<0.1	---	---	---	---	<0.1
Carbazole	mg/kg	---	---	---	0.849	---	---	---	---	<0.01
Dibenzofuran	mg/kg	---	---	---	0.812	---	---	---	---	<0.01
Diethylphthalate	mg/kg	---	---	---	<0.1	---	---	---	---	<0.1
Dimethyl phthalate	mg/kg	---	---	---	<0.1	---	---	---	---	<0.1
Di-n-butyl phthalate	mg/kg	---	---	---	<0.1	---	---	---	---	<0.1
Di-n-octyl phthalate	mg/kg	---	---	---	<0.1	---	---	---	---	<0.1
Hexachlorobenzene	mg/kg	---	---	---	<0.01	---	---	---	---	<0.01
Hexachlorocyclopentadiene	mg/kg	---	---	---	<0.01	---	---	---	---	<0.01
Hexachloroethane	mg/kg	---	---	---	<0.01	---	---	---	---	<0.01
Isophorone	mg/kg	---	---	---	<0.01	---	---	---	---	<0.01
Indene	mg/kg	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	<0.01	---	---	---	---	<0.01
N-Nitrosodimethylamine	mg/kg	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	<0.01	---	---	---	---	<0.01
Nonadecane	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	<0.01	---	---	---	---	<0.01
Phenanthrene, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
SVOC - Target by GC-MS										
1,1-Biphenyl, 3,4-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene, 1,2,3,4-tetrahydro-	mg/kg	---	---	---	---	---	---	---	---	---
Biphenylene	mg/kg	---	---	---	---	---	---	---	---	---
Chrysene, 4-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
1,9,12-Trioxa-4,6-diazacyclotetradecane-5-thione	mg/kg	---	---	---	---	---	---	---	---	---
11H-Indeno(1,2-b)quinoline	mg/kg	---	---	---	---	---	---	---	---	---
1H-Isoindole-1,3(2H)-dione, 2-(2-phenyl-2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetramethylterephthalaldehyde	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description		CMG	CMG	CMG	CMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-SL-S21	SHO-SL-S37	SHO-SL-S37	TLA-SL-S3	SHO-DY-46-S3	SHO-DY-48-S2	SHO-DY-48-S3	SHO-DZ-45-S1	SHO-DZ-45-S4
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-919-1-300123	23-1151-1-070223	23-1151-1-070223	23-524-1-260123	23-3837-1-170323	23-3837-2-290323	23-3837-2-290323	23-3837-1-170323	23-3837-9-050523
Date		20 Jan 2023	23 Jan 2023	23 Jan 2023	11 Jan 2023	08 Mar 2023	21 Mar 2023	21 Mar 2023	08 Mar 2023	19 Apr 2023
Depth					3	4.5	3	4.5	1.5	3
	Unit									
1,2,4-trichlorobenzene	mg/kg	<0.007	<0.007	---	<0.007	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	<0.004	<0.004	---	<0.004	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	<0.004	<0.004	---	<0.004	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	<0.004	<0.004	---	<0.004	---	---	---	---	---
Chlorobenzene	mg/kg	<0.003	<0.003	---	<0.003	---	---	---	---	---
Hexachlorobutadiene	mg/kg	<0.004	<0.004	---	<0.004	---	---	---	---	---
SVOC										
4-bromophenyl phenyl ether	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
4-nitroaniline	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
4-nitrophenol	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
Hentriacontane	mg/kg	---	---	---	---	---	---	---	---	---
Naphtho(2,1,8-def)quinoline	mg/kg	---	---	---	---	---	---	---	---	---
Naphtho[2,1-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
3-Bromo-5-ethoxy-4-hydroxybenzaldehyde	mg/kg	---	---	---	---	---	---	---	---	---
1,1-Biphenyl	mg/kg	---	---	---	---	---	---	---	---	---
Perylene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo[a]carbazole	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
2,4-dichlorophenol	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
2,4-dimethylphenol	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
2,4-dinitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
2-chloronaphthalene	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
2-chlorophenol	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
2-methylnaphthalene	mg/kg	<0.01	0.04	---	<0.01	---	---	---	---	---
2-methylphenol	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
2-nitroaniline	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
2-nitrophenol	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
3-nitroaniline	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
4-chloroaniline	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
4-methylphenol	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
9-Anthracenecarbonitrile	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(e)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	<0.1	<0.1	---	<0.1	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	<0.1	<0.1	---	<0.1	---	---	---	---	---
Carbazole	mg/kg	<0.01	0.02	---	<0.01	---	---	---	---	---
Dibenzofuran	mg/kg	<0.01	0.04	---	<0.01	---	---	---	---	---
Diethylphthalate	mg/kg	<0.1	<0.1	---	<0.1	---	---	---	---	---
Dimethyl phthalate	mg/kg	<0.1	<0.1	---	<0.1	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	<0.1	<0.1	---	<0.1	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	<0.1	<0.1	---	<0.1	---	---	---	---	---
Hexachlorobenzene	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
Hexachloroethane	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
Isophorone	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
Indene	mg/kg	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
N-Nitrosodimethylamine	mg/kg	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
Nonadecane	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
Phenanthrene, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
SVOC - Target by GC-MS										
1,1-Biphenyl, 3,4-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene, 1,2,3,4-tetrahydro-	mg/kg	---	---	---	---	---	---	---	---	---
Biphenylene	mg/kg	---	---	---	---	---	---	---	---	---
Chrysene, 4-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
1,9,12-Trioxa-4,6-diazacyclotetradecane-5-thione	mg/kg	---	---	---	---	---	---	---	---	---
11H-Indeno(1,2-b)quinoline	mg/kg	---	---	---	---	---	---	---	---	---
1H-Isoindole-1,3(2H)-dione, 2-(2-phenyl-2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetramethylterephthalaldehyde	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-DZ-45-S5	SHO-DZ-45-S6	SHO-DZ-45-S7	SHO-DZ-45-S8	SHO-DZ-45-S9	SHO-DZ-46-S1	SHO-DZ-46-S2	SHO-DZ-49-S1	SHO-EA-44-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-2-290323	23-3837-2-290323	23-3460-1-150323	23-3837-2-290323
Date		19 Apr 2023	19 Apr 2023	19 Apr 2023	19 Apr 2023	19 Apr 2023	21 Mar 2023	21 Mar 2023	01 Mar 2023	22 Mar 2023
Depth		2.5	2.5	2.5	2.5		1.5	3	1.5	1.5
	Unit									
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	---
SVOC										
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
Hentriacontane	mg/kg	---	---	---	---	---	---	---	---	---
Naphtho(2,1,8-def)quinoline	mg/kg	---	---	---	---	---	---	---	---	---
Naphtho[2,1-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
3-Bromo-5-ethoxy-4-hydroxybenzaldehyde	mg/kg	---	---	---	---	---	---	---	---	---
1,1-Biphenyl	mg/kg	---	---	---	---	---	---	---	---	---
Perylene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo[a]carbazole	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dinitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
9-Anthracenecarbonitrile	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(e)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---
Indene	mg/kg	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---
N-Nitrosodimethylamine	mg/kg	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---
Nonadecane	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
Phenanthrene, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
SVOC - Target by GC-MS										
1,1-Biphenyl, 3,4-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene, 1,2,3,4-tetrahydro-	mg/kg	---	---	---	---	---	---	---	---	---
Biphenylene	mg/kg	---	---	---	---	---	---	---	---	---
Chrysene, 4-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
1,9,12-Trioxa-4,6-diazacyclotetradecane-5-thione	mg/kg	---	---	---	---	---	---	---	---	---
11H-Indeno(1,2-b)quinoline	mg/kg	---	---	---	---	---	---	---	---	---
1H-Isoindole-1,3(2H)-dione, 2-(2-phenyl-2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetramethylterephthalaldehyde	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-EA-44-S8	SHO-EA-46-S1	SHO-EA-46-S2	SHO-EA-47-S2	SHO-EA-49-S1	SHO-EA-49-S2	SHO-EA-50-S3	SHO-EA-43-S1	SHO-EB-45-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-6-210423	23-3460-1-150323	23-3460-1-150323	23-3460-1-150323	23-3460-1-150323	23-3460-1-150323	23-3460-1-150323	23-3837-3-040423	23-3837-1-170323
Date		13 Apr 2023	03 Mar 2023	03 Mar 2023	01 Mar 2023	02 Mar 2023	02 Mar 2023	02 Mar 2023	23 Mar 2023	06 Mar 2023
Depth		4.5	1.5	3	3	1.5	3	4.5	1.5	1.5
	Unit									
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	---
SVOC										
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
Hentriacontane	mg/kg	---	---	---	---	---	---	---	---	---
Naphtho(2,1,8-def)quinoline	mg/kg	---	---	---	---	---	---	---	---	---
Naphtho[2,1-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
3-Bromo-5-ethoxy-4-hydroxybenzaldehyde	mg/kg	---	---	---	---	---	---	---	---	---
1,1-Biphenyl	mg/kg	---	---	---	---	---	---	---	---	---
Perylene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo[a]carbazole	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dinitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
9-Anthracenecarbonitrile	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(e)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---
Indene	mg/kg	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---
N-Nitrosodimethylamine	mg/kg	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---
Nonadecane	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
Phenanthrene, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
SVOC - Target by GC-MS										
1,1-Biphenyl, 3,4-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene, 1,2,3,4-tetrahydro-	mg/kg	---	---	---	---	---	---	---	---	---
Biphenylene	mg/kg	---	---	---	---	---	---	---	---	---
Chrysene, 4-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
1,9,12-Trioxa-4,6-diazacyclotetradecane-5-thione	mg/kg	---	---	---	---	---	---	---	---	---
11H-Indeno(1,2-b)quinoline	mg/kg	---	---	---	---	---	---	---	---	---
1H-Isoindole-1,3(2H)-dione, 2-(2-phenyl-2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetramethylterephthalaldehyde	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-EB-45-S2	SHO-EB-46-S1	SHO-EB-46-S2	SHO-EB-49-S3	SHO-EB-50-S2	SHO-EC-42-S2	SHO-EC-45-S1	SHO-EC-46-S1	SHO-EC-49-S3
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-1-170323	23-3460-1-150323	23-3460-1-150323	23-3837-14-230523	23-3837-14-230523	23-3837-3-040423	23-3837-1-170323	23-3460-1-150323	23-3837-14-230523
Date		06 Mar 2023	03 Mar 2023	03 Mar 2023	11 May 2023	11 May 2023	23 Mar 2023	06 Mar 2023	03 Mar 2023	11 May 2023
Depth		3	1.5	3	4.5	3	3	1.5	0.5	4.5
	Unit									
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	---
SVOC										
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
Hentriacontane	mg/kg	---	---	---	---	---	---	---	---	---
Naphtho(2,1,8-def)quinoline	mg/kg	---	---	---	---	---	---	---	---	---
Naphtho[2,1-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
3-Bromo-5-ethoxy-4-hydroxybenzaldehyde	mg/kg	---	---	---	---	---	---	---	---	---
1,1-Biphenyl	mg/kg	---	---	---	---	---	---	---	---	---
Perylene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo[a]carbazole	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dinitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
9-Anthracenecarbonitrile	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(e)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---
Indene	mg/kg	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---
N-Nitrosodimethylamine	mg/kg	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---
Nonadecane	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
Phenanthrene, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
SVOC - Target by GC-MS										
1,1-Biphenyl, 3,4-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene, 1,2,3,4-tetrahydro-	mg/kg	---	---	---	---	---	---	---	---	---
Biphenylene	mg/kg	---	---	---	---	---	---	---	---	---
Chrysene, 4-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
1,9,12-Trioxa-4,6-diazacyclotetradecane-5-thione	mg/kg	---	---	---	---	---	---	---	---	---
11H-Indeno(1,2-b)quinoline	mg/kg	---	---	---	---	---	---	---	---	---
1H-Isoindole-1,3(2H)-dione, 2-(2-phenyl-2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetramethylterephthalaldehyde	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-EC-51-S1	SHO-ED-42-S2	SHO-ED-42-S3	SHO-ED-43-S2	SHO-ED-45-S2	SHO-ED-47-S2	SHO-ED-48-S2	SHO-ED-49-S1	SHO-ED-49-S2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-1-170323	23-3837-3-040423	23-3837-3-040423	23-3837-2-290323	23-3837-1-170323	23-3837-4-120423	23-3837-4-120423	23-3837-14-230523	23-3837-14-230523
Date		06 Mar 2023	22 Mar 2023	22 Mar 2023	22 Mar 2023	06 Mar 2023	30 Mar 2023	30 Mar 2023	11 May 2023	11 May 2023
Depth		1.5	3	4.5	3	3	1.5	1.5	1.5	3
	Unit									
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	---
SVOC										
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
Hentriacontane	mg/kg	---	---	---	---	---	---	---	---	---
Naphtho(2,1,8-def)quinoline	mg/kg	---	---	---	---	---	---	---	---	---
Naphtho[2,1-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
3-Bromo-5-ethoxy-4-hydroxybenzaldehyde	mg/kg	---	---	---	---	---	---	---	---	---
1,1-Biphenyl	mg/kg	---	---	---	---	---	---	---	---	---
Perylene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo[a]carbazole	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dinitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
9-Anthracenecarbonitrile	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(e)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---
Indene	mg/kg	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---
N-Nitrosodimethylamine	mg/kg	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---
Nonadecane	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
Phenanthrene, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
SVOC - Target by GC-MS										
1,1-Biphenyl, 3,4-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene, 1,2,3,4-tetrahydro-	mg/kg	---	---	---	---	---	---	---	---	---
Biphenylene	mg/kg	---	---	---	---	---	---	---	---	---
Chrysene, 4-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
1,9,12-Trioxa-4,6-diazacyclotetradecane-5-thione	mg/kg	---	---	---	---	---	---	---	---	---
11H-Indeno(1,2-b)quinoline	mg/kg	---	---	---	---	---	---	---	---	---
1H-Isoindole-1,3(2H)-dione, 2-(2-phenyl-2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetramethylterephthalaldehyde	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-ED-49-S3	SHO-EE-50-S3	SHO-EE-45-S2	SHO-ED-45-S3	SHO-EF-42-S3	SHO-EE-45-S3	SHO-EF-46-S3	SHO-EF-49-S1	SHO-EG-43-S2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-14-230523	23-3837-1-170323	23-3837-5-180423	23-3837-5-180423	23-3837-4-120423	23-3837-4-120423	23-3837-4-120423	23-3837-1-170323	23-3837-5-180423
Date		11 May 2023	07 Mar 2023	05 Apr 2023	05 Apr 2023	29 Mar 2023	30 Mar 2023	30 Mar 2023	09 Mar 2023	04 Apr 2023
Depth		4.5	4.5	3	4.5	4.5	3	3	1.5	3
	Unit									
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	---
SVOC										
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
Hentriacontane	mg/kg	---	---	---	---	---	---	---	---	---
Naphtho(2,1,8-def)quinoline	mg/kg	---	---	---	---	---	---	---	---	---
Naphtho[2,1-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
3-Bromo-5-ethoxy-4-hydroxybenzaldehyde	mg/kg	---	---	---	---	---	---	---	---	---
1,1-Biphenyl	mg/kg	---	---	---	---	---	---	---	---	---
Perylene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo[a]carbazole	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dinitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
9-Anthracenecarbonitrile	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(e)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---
Indene	mg/kg	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---
N-Nitrosodimethylamine	mg/kg	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---
Nonadecane	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
Phenanthrene, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
SVOC - Target by GC-MS										
1,1-Biphenyl, 3,4-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene, 1,2,3,4-tetrahydro-	mg/kg	---	---	---	---	---	---	---	---	---
Biphenylene	mg/kg	---	---	---	---	---	---	---	---	---
Chrysene, 4-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
1,9,12-Trioxa-4,6-diazacyclotetradecane-5-thione	mg/kg	---	---	---	---	---	---	---	---	---
11H-Indeno(1,2-b)quinoline	mg/kg	---	---	---	---	---	---	---	---	---
1H-Isoindole-1,3(2H)-dione, 2-(2-phenyl-2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetramethylterephthalaldehyde	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-EG-44-S2	SHO-EH-45-S3	SHO-EH-46-S3	SHO-EH-43-S1	SHO-EH-44-S1	SHO-EI-44-S2	SHO-EI-44-S3	SHO-EI-44-S1	SHO-EI-47-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-5-180423	23-3837-14-230523	23-3837-6-210423	23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-10-120523	23-3837-13-150523
Date		04 Apr 2023	10 May 2023	14 Apr 2023	20 Apr 2023	20 Apr 2023	20 Apr 2023	20 Apr 2023	27 Apr 2023	03 May 2023
Depth		3		3	0.1	0.1	1.5	2.5		1.5
	Unit									
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	---
SVOC										
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
Hentriacontane	mg/kg	---	---	---	---	---	---	---	---	---
Naphtho(2,1,8-def)quinoline	mg/kg	---	---	---	---	---	---	---	---	---
Naphtho[2,1-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
3-Bromo-5-ethoxy-4-hydroxybenzaldehyde	mg/kg	---	---	---	---	---	---	---	---	---
1,1-Biphenyl	mg/kg	---	---	---	---	---	---	---	---	---
Perylene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo[a]carbazole	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dinitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
9-Anthracenecarbonitrile	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(e)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---
Indene	mg/kg	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---
N-Nitrosodimethylamine	mg/kg	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---
Nonadecane	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
Phenanthrene, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
SVOC - Target by GC-MS										
1,1-Biphenyl, 3,4-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene, 1,2,3,4-tetrahydro-	mg/kg	---	---	---	---	---	---	---	---	---
Biphenylene	mg/kg	---	---	---	---	---	---	---	---	---
Chrysene, 4-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
1,9,12-Trioxa-4,6-diazacyclotetradecane-5-thione	mg/kg	---	---	---	---	---	---	---	---	---
11H-Indeno(1,2-b)quinoline	mg/kg	---	---	---	---	---	---	---	---	---
1H-Isoindole-1,3(2H)-dione, 2-(2-phenyl-2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetramethylterephthalaldehyde	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth											
	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
	SHO-SL-S1	SHO-SL-S1	SHO-SL-S4	SHO-SL-S4	SHO-SL-S9	SHO-SL-S9	SHO-SL-S10	SHO-SL-S10	SHO-SL-S11	SHO-SL-S11	SHO-SL-S11
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123
Unit	13 Jan 2023	13 Jan 2023	13 Jan 2023	13 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023
	2	2	4	4							
1,2,4-trichlorobenzene	mg/kg	<0.007	---	<0.007	---	<0.007	---	<0.007	---	<0.007	---
1,2-dichlorobenzene	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
1,3-dichlorobenzene	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
1,4-dichlorobenzene	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
Chlorobenzene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Hexachlorobutadiene	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
SVOC											
4-bromophenyl phenyl ether	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
4-nitroaniline	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
4-nitrophenol	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
Hentriacontane	mg/kg	0.1	---	---	---	---	---	---	---	---	---
Naphtho(2,1,8-def)quinoline	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphtho[2,1-b]thiophene	mg/kg	---	---	---	---	---	---	---	2.7	---	---
3-Bromo-5-ethoxy-4-hydroxybenzaldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-Biphenyl	mg/kg	---	---	---	---	---	---	---	---	---	---
Perylene	mg/kg	1.3	---	---	---	---	---	7.1	---	4.0	---
11H-Benzo[a]carbazole	mg/kg	---	---	3.4	---	---	---	2.1	---	---	---
1-Methylnaphthalene	mg/kg	---	---	0.3	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
2,4,6-trichlorophenol	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
2,4-dichlorophenol	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
2,4-dimethylphenol	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
2,4-dinitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
2,6-dinitrotoluene	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
2-chloronaphthalene	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
2-chlorophenol	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
2-methylnaphthalene	mg/kg	0.04	---	0.18	---	0.03	---	0.16	---	0.04	---
2-methylphenol	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
2-nitroaniline	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
2-nitrophenol	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
3-nitroaniline	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
4-chloroaniline	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
4-chlorophenyl phenyl ether	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
4-methylphenol	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
9-Anthracenecarbonitrile	mg/kg	---	---	0.8	---	---	---	---	---	---	---
Benzo(e)pyrene	mg/kg	---	---	10.8	---	---	---	---	---	---	---
Azobenzene	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
Bis(2-chloroethoxy) methane	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
Bis(2-chloroethyl)ether	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Butyl benzyl phthalate	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Carbazole	mg/kg	0.17	---	0.75	---	0.01	---	0.82	---	0.37	---
Dibenzofuran	mg/kg	0.16	---	0.8	---	0.05	---	0.45	---	0.10	---
Diethylphthalate	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Dimethyl phthalate	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Di-n-butyl phthalate	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Di-n-octyl phthalate	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Hexachlorobenzene	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
Hexachlorocyclopentadiene	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
Hexachloroethane	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
Isophorone	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
Indene	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
N-Nitrosodimethylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
Nonadecane	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
Phenanthrene, 2-methyl-	mg/kg	0.3	---	3.5	---	---	---	0.8	---	1.9	---
SVOC - Target by GC-MS											
1,1-Biphenyl, 3,4-dimethyl-	mg/kg	---	---	---	---	---	---	---	0.3	---	---
Anthracene, 1,2,3,4-tetrahydro-	mg/kg	---	---	---	---	---	---	0.5	---	---	---
Biphenylene	mg/kg	---	---	---	---	---	---	---	---	---	---
Chrysene, 4-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
1,9,12-Trioxa-4,6-diazacyclotetradecane-5-thione	mg/kg	---	---	---	---	---	---	---	---	---	---
11H-Indeno(1,2-b)quinoline	mg/kg	---	---	---	---	---	---	---	---	---	---
1H-Isoindole-1,3(2H)-dione, 2-(2-phenyl-2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetramethylterephthalaldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth											
	Unit	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
		SHO-SL-S16	SHO-SL-S16	SHO-SL-S17	SHO-SL-S17	SHO-SL-S18	SHO-SL-S18	SHO-SL-S19	SHO-SL-S19	SHO-SL-S20	SHO-SL-S24
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-919-1-300123
		19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	20 Jan 2023
1,2,4-trichlorobenzene	mg/kg	<0.007	---	<0.007	---	<0.007	---	<0.007	---	<0.007	<0.007
1,2-dichlorobenzene	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	<0.004
1,3-dichlorobenzene	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	<0.004
1,4-dichlorobenzene	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	<0.004
Chlorobenzene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	<0.003
Hexachlorobutadiene	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	<0.004
SVOC											
4-bromophenyl phenyl ether	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
4-nitroaniline	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
4-nitrophenol	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
Hentriacontane	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphtho(2,1,8-def)quinoline	mg/kg	1.9	---	---	---	---	---	---	---	---	0.3
Naphtho[2,1-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---
3-Bromo-5-ethoxy-4-hydroxybenzaldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-Biphenyl	mg/kg	---	---	---	---	---	---	---	---	---	---
Perylene	mg/kg	7.5	---	---	---	---	---	---	---	---	---
11H-Benzo[a]carbazole	mg/kg	3.0	---	---	---	---	---	---	---	---	1.4
1-Methylnaphthalene	mg/kg	0.9	---	---	---	---	---	---	---	---	0.9
2,4,5-trichlorophenol	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
2,4,6-trichlorophenol	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
2,4-dichlorophenol	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
2,4-dimethylphenol	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
2,4-dinitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
2,6-dinitrotoluene	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
2-chloronaphthalene	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
2-chlorophenol	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
2-methylnaphthalene	mg/kg	1.08	---	0.04	---	0.04	---	0.03	---	<0.01	1.44
2-methylphenol	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
2-nitroaniline	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
2-nitrophenol	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
3-nitroaniline	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
4-chloroaniline	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
4-chlorophenyl phenyl ether	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
4-methylphenol	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
9-Anthracenecarbonitrile	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(e)pyrene	mg/kg	---	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
Bis(2-chloroethoxy) methane	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
Bis(2-chloroethyl)ether	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	<0.1
Butyl benzyl phthalate	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	<0.1
Carbazole	mg/kg	3.53	---	0.05	---	0.01	---	0.06	---	<0.01	2.28
Dibenzofuran	mg/kg	3.88	---	0.06	---	0.02	---	0.05	---	<0.01	3.37
Diethylphthalate	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	<0.1
Dimethyl phthalate	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	<0.1
Di-n-butyl phthalate	mg/kg	0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	<0.1
Di-n-octyl phthalate	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	<0.1
Hexachlorobenzene	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
Hexachlorocyclopentadiene	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
Hexachloroethane	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
Isophorone	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
Indene	mg/kg	0.3	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
N-Nitrosodimethylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
Nonadecane	mg/kg	---	---	---	---	---	---	0.3	---	---	---
Pentachlorophenol	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
Phenanthrene, 2-methyl-	mg/kg	9.1	---	0.2	---	---	---	---	---	---	2.3
SVOC - Target by GC-MS											
1,1-Biphenyl, 3,4-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Anthracene, 1,2,3,4-tetrahydro-	mg/kg	---	---	---	---	---	---	---	---	---	---
Biphenylene	mg/kg	0.2	---	---	---	---	---	---	---	---	---
Chrysene, 4-methyl-	mg/kg	2.2	---	---	---	---	---	---	---	---	---
1,9,12-Trioxa-4,6-diazacyclotetradecane-5-thione	mg/kg	---	---	---	---	---	---	0.1	---	---	---
11H-Indeno(1,2-b)quinoline	mg/kg	5.2	---	---	---	---	---	---	---	---	---
1H-Isoindole-1,3(2H)-dione, 2-(2-phenyl-2-propenyl)-	mg/kg	1.8	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetramethylterephthalaldehyde	mg/kg	---	---	0.2	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-SL-S24	SHO-SL-S25	SHO-SL-S25	SHO-SL-S28	SHO-SL-S28	SHO-SL-S31	SHO-SL-S31	SHO-SL-S34	SHO-SL-S34
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-919-1-300123	23-919-1-300123	23-919-1-300123	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223
Date		20 Jan 2023	20 Jan 2023	20 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023
Depth										
	Unit									
1,2,4-trichlorobenzene	mg/kg	---	<0.007	---	<0.007	---	<0.007	---	<0.007	---
1,2-dichlorobenzene	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
1,3-dichlorobenzene	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
1,4-dichlorobenzene	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
Chlorobenzene	mg/kg	---	<0.003	---	0.035	---	<0.003	---	<0.003	---
Hexachlorobutadiene	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
SVOC										
4-bromophenyl phenyl ether	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
4-nitroaniline	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
4-nitrophenol	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
Hentriacontane	mg/kg	---	---	---	---	---	---	---	---	---
Naphtho(2,1,8-def)quinoline	mg/kg	---	---	---	---	---	---	---	---	---
Naphtho[2,1-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
3-Bromo-5-ethoxy-4-hydroxybenzaldehyde	mg/kg	---	0.2	---	---	---	---	---	---	---
1,1-Biphenyl	mg/kg	---	---	---	31.7	---	---	---	---	---
Perylene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo[a]carbazole	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	---	---	---	67.4	---	1.4	---	---	---
2,4,5-trichlorophenol	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
2,4,6-trichlorophenol	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
2,4-dichlorophenol	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
2,4-dimethylphenol	mg/kg	---	<0.01	---	18.01	---	<0.01	---	<0.01	---
2,4-dinitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
2,6-dinitrotoluene	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
2-chloronaphthalene	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
2-chlorophenol	mg/kg	---	<0.01	---	1.06	---	<0.01	---	<0.01	---
2-methylnaphthalene	mg/kg	---	0.15	---	1	256.91	0.93	---	0.44	---
2-methylphenol	mg/kg	---	<0.01	---	6.36	---	<0.01	---	<0.01	---
2-nitroaniline	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
2-nitrophenol	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
3-nitroaniline	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
4-chloroaniline	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
4-chlorophenyl phenyl ether	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
4-methylphenol	mg/kg	---	<0.01	---	23.02	---	<0.01	---	<0.01	---
9-Anthracenecarbonitrile	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(e)pyrene	mg/kg	---	1.4	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
Bis(2-chloroethoxy) methane	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
Bis(2-chloroethyl)ether	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Butyl benzyl phthalate	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Carbazole	mg/kg	---	0.22	---	3.09	---	0.05	---	0.13	---
Dibenzofuran	mg/kg	---	0.22	---	3.98	---	0.11	---	0.16	---
Diethylphthalate	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Dimethyl phthalate	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Di-n-butyl phthalate	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Di-n-octyl phthalate	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Hexachlorobenzene	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
Hexachlorocyclopentadiene	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
Hexachloroethane	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
Isophorone	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
Indene	mg/kg	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
N-Nitrosodimethylamine	mg/kg	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
Nonadecane	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
Phenanthrene, 2-methyl-	mg/kg	---	---	---	---	---	---	---	0.2	---
SVOC - Target by GC-MS										
1,1-Biphenyl, 3,4-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene, 1,2,3,4-tetrahydro-	mg/kg	---	---	---	---	---	---	---	---	---
Biphenylene	mg/kg	---	---	---	---	---	---	---	---	---
Chrysene, 4-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
1,9,12-Trioxa-4,6-diazacyclotetradecane-5-thione	mg/kg	---	---	---	---	---	---	---	---	---
11H-Indeno(1,2-b)quinoline	mg/kg	---	---	---	---	---	---	---	---	---
1H-Isoindole-1,3(2H)-dione, 2-(2-phenyl-2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetramethylterephthalaldehyde	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-SL-S40	SHO-SL-S40	SHO-TS1 AUK TP101-S2	SHO-TS1 AUK TP102-S2	SHO-TS1 AUK TP102-S4	SHO-TS1 AUK TP103-S3	SHO-TS1 AUK TP104-S2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-1151-1-070223	23-1151-1-070223	106848	106848	106848	106848	106848
Date		23 Jan 2023	23 Jan 2023	02 Mar 2022	02 Mar 2022	02 Mar 2022	03 Mar 2022	02 Mar 2022
Depth				3.5	2.5	4.7	1	1.6
	Unit							
1,2,4-trichlorobenzene	mg/kg	<0.007	---	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-dichlorobenzene	mg/kg	<0.004	---	<0.01	<0.01	<0.01	<0.01	<0.01
1,3-dichlorobenzene	mg/kg	<0.004	---	<0.01	<0.01	<0.01	<0.01	<0.01
1,4-dichlorobenzene	mg/kg	<0.004	---	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorobenzene	mg/kg	<0.003	---	<0.01	<0.01	<0.01	<0.01	<0.01
Hexachlorobutadiene	mg/kg	<0.004	---	<0.01	<0.01	<0.01	<0.01	<0.01
SVOC								
4-bromophenyl phenyl ether	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
4-nitroaniline	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
4-nitrophenol	mg/kg	<0.01	---	<0.1	<0.1	24.4	<0.1	<0.1
Hentriacontane	mg/kg	---	---	---	---	---	---	---
Naphtho(2,1,8-def)quinoline	mg/kg	---	---	---	---	---	---	---
Naphtho[2,1-b]thiophene	mg/kg	---	---	---	---	---	---	---
3-Bromo-5-ethoxy-4-hydroxybenzaldehyde	mg/kg	---	---	---	---	---	---	---
1,1-Biphenyl	mg/kg	---	---	---	---	---	---	---
Perylene	mg/kg	---	---	---	---	---	---	---
11H-Benzo[a]carbazole	mg/kg	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	---	---	<0.1	60	3.8	<0.1	<0.1
2,4,5-trichlorophenol	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,6-trichlorophenol	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
2,4-dichlorophenol	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
2,4-dimethylphenol	mg/kg	<0.01	---	<0.1	3.5	<0.1	<0.1	<0.1
2,4-dinitrophenol	mg/kg	---	---	<0.1	<0.1	<0.1	<0.1	<0.1
2,4-dinitrotoluene	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
2,6-dinitrotoluene	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
2-chloronaphthalene	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
2-chlorophenol	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
2-methylnaphthalene	mg/kg	0.11	---	<0.1	80.3	3.8	0.1	<0.1
2-methylphenol	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
2-nitroaniline	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
2-nitrophenol	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
3-nitroaniline	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
4,6-Dinitro-2-methylphenol	mg/kg	---	---	<0.1	<0.1	<0.1	<0.1	<0.1
4-chloro-3-methylphenol	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
4-chloroaniline	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
4-chlorophenyl phenyl ether	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
4-methylphenol	mg/kg	<0.01	---	---	---	---	---	---
9-Anthracenecarbonitrile	mg/kg	---	---	---	---	---	---	---
Benzo(e)pyrene	mg/kg	0.5	---	---	---	---	---	---
Azobenzene	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
Bis(2-chloroethoxy) methane	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
Bis(2-chloroethyl)ether	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
Bis(2-chloroisopropyl) ether	mg/kg	---	---	<0.1	<0.1	<0.1	<0.1	<0.1
Bis(2-ethylhexyl) phthalate	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1
Butyl benzyl phthalate	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1
Carbazole	mg/kg	0.05	---	<0.05	2	5.4	0.5	<0.1
Dibenzofuran	mg/kg	0.07	---	<0.1	2.3	23.9	0.3	<0.1
Diethylphthalate	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1
Dimethyl phthalate	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1
Di-n-butyl phthalate	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1
Di-n-octyl phthalate	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1
Hexachlorobenzene	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
Hexachlorocyclopentadiene	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
Hexachloroethane	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
Isophorone	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
Indene	mg/kg	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
N-Nitrosodimethylamine	mg/kg	---	---	<0.1	<0.1	<0.1	<0.1	<0.1
N-nitrosodi-n-propylamine	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
Nonadecane	mg/kg	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	<0.01	---	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene, 2-methyl-	mg/kg	---	---	---	---	---	---	---
SVOC - Target by GC-MS								
1,1-Biphenyl, 3,4-dimethyl-	mg/kg	---	---	---	---	---	---	---
Anthracene, 1,2,3,4-tetrahydro-	mg/kg	---	---	---	---	---	---	---
Biphenylene	mg/kg	---	---	---	---	---	---	---
Chrysene, 4-methyl-	mg/kg	---	---	---	---	---	---	---
1,9,12-Trioxa-4,6-diazacyclotetradecane-5-thione	mg/kg	---	---	---	---	---	---	---
11H-Indeno(1,2-b)quinoline	mg/kg	---	---	---	---	---	---	---
1H-Isoindole-1,3(2H)-dione, 2-(2-phenyl-2-propenyl)-	mg/kg	---	---	---	---	---	---	---
2,3,5,6-Tetramethylterephthalaldehyde	mg/kg	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth		GMG	GMG	GMG	GMG	GMG	GMG	GMG
		SHO-TS1 AUK TP105-S4	SHO-TS1 AUK TP106-S2	SHO-TS1 AUK TP107-S2	SHO-TS1 AUK TP107-S5	SHO-TS1 AUK TP107-S7	SHO-TS1 AUK TP108-S1	SHO-TS1 AUK TP109-S1
		Soil	Soil	Soil	Soil	Soil	Soil	Soil
		106848	106848	106848	106848	106848	106848	106848
		02 Mar 2022	04 Mar 2022	04 Mar 2022	04 Mar 2022	04 Mar 2022	03 Mar 2022	03 Mar 2022
		1	2.5	1	3	4.2	3	3.5
	Unit							
1,2,4-trichlorobenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-dichlorobenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,3-dichlorobenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,4-dichlorobenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorobenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Hexachlorobutadiene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
SVOC								
4-bromophenyl phenyl ether	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
4-nitroaniline	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
4-nitrophenol	mg/kg	1.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hentriacontane	mg/kg	---	---	---	---	---	---	---
Naphtho(2,1,8-def)quinoline	mg/kg	---	---	---	---	---	---	---
Naphtho[2,1-b]thiophene	mg/kg	---	---	---	---	---	---	---
3-Bromo-5-ethoxy-4-hydroxybenzaldehyde	mg/kg	---	---	---	---	---	---	---
1,1-Biphenyl	mg/kg	---	---	---	---	---	---	---
Perylene	mg/kg	---	---	---	---	---	---	---
11H-Benzo[a]carbazole	mg/kg	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	0.7	<0.1	<0.1	0.3	<0.1	<0.1	0.3
2,4,5-trichlorophenol	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,6-trichlorophenol	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2,4-dichlorophenol	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2,4-dimethylphenol	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2,4-dinitrophenol	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2,4-dinitrotoluene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2,6-dinitrotoluene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2-chloronaphthalene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2-chlorophenol	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2-methylnaphthalene	mg/kg	0.9	<0.1	<0.1	0.4	0.2	0.2	0.3
2-methylphenol	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2-nitroaniline	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2-nitrophenol	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
3-nitroaniline	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
4,6-Dinitro-2-methylphenol	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
4-chloro-3-methylphenol	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
4-chloroaniline	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
4-chlorophenyl phenyl ether	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
4-methylphenol	mg/kg	---	---	---	---	---	---	---
9-Anthracenecarbonitrile	mg/kg	---	---	---	---	---	---	---
Benzo(e)pyrene	mg/kg	---	---	---	---	---	---	---
Azobenzene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bis(2-chloroethoxy) methane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bis(2-chloroethyl)ether	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bis(2-chloroisopropyl) ether	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bis(2-ethylhexyl) phthalate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Butyl benzyl phthalate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Carbazole	mg/kg	0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenzofuran	mg/kg	1.6	0.1	<0.1	0.2	0.1	<0.1	<0.1
Diethylphthalate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dimethyl phthalate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Di-n-butyl phthalate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Di-n-octyl phthalate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hexachlorobenzene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hexachlorocyclopentadiene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hexachloroethane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Isophorone	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indene	mg/kg	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
N-Nitrosodimethylamine	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
N-nitrosodi-n-propylamine	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nonadecane	mg/kg	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene, 2-methyl-	mg/kg	---	---	---	---	---	---	---
SVOC - Target by GC-MS								
1,1-Biphenyl, 3,4-dimethyl-	mg/kg	---	---	---	---	---	---	---
Anthracene, 1,2,3,4-tetrahydro-	mg/kg	---	---	---	---	---	---	---
Biphenylene	mg/kg	---	---	---	---	---	---	---
Chrysene, 4-methyl-	mg/kg	---	---	---	---	---	---	---
1,9,12-Trioxa-4,6-diazacyclotetradecane-5-thione	mg/kg	---	---	---	---	---	---	---
11H-Indeno(1,2-b)quinoline	mg/kg	---	---	---	---	---	---	---
1H-Isoindole-1,3(2H)-dione, 2-(2-phenyl-2-propenyl)-	mg/kg	---	---	---	---	---	---	---
2,3,5,6-Tetramethylterephthalaldehyde	mg/kg	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth							
	GMG	GMG	GMG	GMG	GMG	GMG	GMG
	SHO-TS1 AUK TP110-S1	SHO-TS1 AUK TP111-S1	SHO-TS1 AUK TP111-S3	SHO-TS1 AUK TP112-S1	SHO-TS1 AUK TP113-S1	SHO-TS1 AUK TP114-S1	TLA-SL-S1
	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	106848	106848	106848	106848	106848	106848	23-524-1-260123
Date	03 Mar 2022	03 Mar 2022	03 Mar 2022	04 Mar 2022	04 Mar 2022	04 Mar 2022	11 Jan 2023
	2.5	4	2.2	1.5	1.5	2	1
	Unit						
1,2,4-trichlorobenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.007
1,2-dichlorobenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.004
1,3-dichlorobenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.004
1,4-dichlorobenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.004
Chlorobenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.003
Hexachlorobutadiene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.004
SVOC							
4-bromophenyl phenyl ether	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
4-nitroaniline	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
4-nitrophenol	mg/kg	<0.1	<0.1	<0.1	11.9	<0.1	<0.01
Hentriacontane	mg/kg	---	---	---	---	---	---
Naphtho(2,1,8-def)quinoline	mg/kg	---	---	---	---	---	---
Naphtho[2,1-b]thiophene	mg/kg	---	---	---	---	---	---
3-Bromo-5-ethoxy-4-hydroxybenzaldehyde	mg/kg	---	---	---	---	---	---
1,1-Biphenyl	mg/kg	---	---	---	---	---	---
Perylene	mg/kg	---	---	---	---	---	---
11H-Benzo[a]carbazole	mg/kg	---	---	---	---	---	0.368
1-Methylnaphthalene	mg/kg	1.4	<0.1	<0.1	1.4	<0.1	---
2,4,5-trichlorophenol	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
2,4,6-trichlorophenol	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
2,4-dichlorophenol	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
2,4-dimethylphenol	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
2,4-dinitrophenol	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	---
2,4-dinitrotoluene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
2,6-dinitrotoluene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
2-chloronaphthalene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
2-chlorophenol	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
2-methylnaphthalene	mg/kg	<0.1	<0.1	0.2	1.3	<0.1	0.14
2-methylphenol	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
2-nitroaniline	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
2-nitrophenol	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
3-nitroaniline	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
4,6-Dinitro-2-methylphenol	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	---
4-chloro-3-methylphenol	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
4-chloroaniline	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
4-chlorophenyl phenyl ether	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
4-methylphenol	mg/kg	---	---	---	---	---	<0.01
9-Anthracenecarbonitrile	mg/kg	---	---	---	---	---	---
Benzo(e)pyrene	mg/kg	---	---	---	---	---	1.78
Azobenzene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
Bis(2-chloroethoxy) methane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
Bis(2-chloroethyl)ether	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
Bis(2-chloroisopropyl) ether	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	---
Bis(2-ethylhexyl) phthalate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Butyl benzyl phthalate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Carbazole	mg/kg	<0.1	<0.1	<0.1	5.5	<0.1	0.263
Dibenzofuran	mg/kg	<0.1	<0.1	0.1	12.2	<0.1	0.247
Diethylphthalate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dimethyl phthalate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Di-n-butyl phthalate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Di-n-octyl phthalate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hexachlorobenzene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
Hexachlorocyclopentadiene	mg/kg	1.4	<0.1	<0.1	<0.1	<0.1	<0.01
Hexachloroethane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
Isophorone	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
Indene	mg/kg	---	---	---	---	---	---
Nitrobenzene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
N-Nitrosodimethylamine	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	---
N-nitrosodi-n-propylamine	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
Nonadecane	mg/kg	---	---	---	---	---	---
Pentachlorophenol	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
Phenanthrene, 2-methyl-	mg/kg	---	---	---	---	---	0.704
SVOC - Target by GC-MS							
1,1-Biphenyl, 3,4-dimethyl-	mg/kg	---	---	---	---	---	---
Anthracene, 1,2,3,4-tetrahydro-	mg/kg	---	---	---	---	---	---
Biphenylene	mg/kg	---	---	---	---	---	---
Chrysene, 4-methyl-	mg/kg	---	---	---	---	---	---
1,9,12-Trioxa-4,6-diazacyclotetradecane-5-thione	mg/kg	---	---	---	---	---	---
11H-Indeno(1,2-b)quinoline	mg/kg	---	---	---	---	---	---
1H-Isoindole-1,3(2H)-dione, 2-(2-phenyl-2-propenyl)-	mg/kg	---	---	---	---	---	---
2,3,5,6-Tetramethylterephthalaldehyde	mg/kg	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
		TLA-SL-S1	TLA-SL-S2	TLA-SL-S2	TLA-SL-S4	TLA-SL-S4	TLA-SL-S5	TLA-SL-S5	TLA-SL-S6	TLA-SL-S6	TLA-SL-S7
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-560-1-260123
		11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	12 Jan 2023
	Unit	1	2	2	3	3	3.5	3.5	2	2	1
1,2,4-trichlorobenzene	mg/kg	---	<0.007	---	<0.007	---	<0.007	---	<0.007	---	<0.007
1,2-dichlorobenzene	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004
1,3-dichlorobenzene	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004
1,4-dichlorobenzene	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004
Chlorobenzene	mg/kg	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003
Hexachlorobutadiene	mg/kg	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004
SVOC											
4-bromophenyl phenyl ether	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
4-nitroaniline	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
4-nitrophenol	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
Hentriacontane	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphtho(2,1,8-def)quinoline	mg/kg	---	---	---	---	---	0.475	---	---	---	---
Naphtho[2,1-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---
3-Bromo-5-ethoxy-4-hydroxybenzaldehyde	mg/kg	---	---	---	0.398	---	---	---	---	---	---
1,1-Biphenyl	mg/kg	---	---	---	---	---	---	---	---	---	---
Perylene	mg/kg	---	---	---	---	---	---	---	---	---	---
11H-Benzo[a]carbazole	mg/kg	---	0.477	---	---	---	1.38	---	0.679	---	0.3
1-Methylnaphthalene	mg/kg	---	---	---	---	---	---	---	0.531	---	---
2,4,5-trichlorophenol	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
2,4,6-trichlorophenol	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
2,4-dichlorophenol	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
2,4-dimethylphenol	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
2,4-dinitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
2,6-dinitrotoluene	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
2-chloronaphthalene	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
2-chlorophenol	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
2-methylnaphthalene	mg/kg	---	0.124	---	0.178	---	0.918	---	0.809	---	0.05
2-methylphenol	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
2-nitroaniline	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
2-nitrophenol	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
3-nitroaniline	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
4-chloroaniline	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
4-chlorophenyl phenyl ether	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
4-methylphenol	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
9-Anthracenecarbonitrile	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(e)pyrene	mg/kg	---	1.62	---	2.28	---	5.12	---	5.02	---	1.8
Azobenzene	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
Bis(2-chloroethoxy) methane	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
Bis(2-chloroethyl)ether	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1
Butyl benzyl phthalate	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1
Carbazole	mg/kg	---	0.382	---	0.447	---	2.22	---	0.706	---	0.12
Dibenzofuran	mg/kg	---	0.36	---	0.628	---	2.38	---	1.19	---	0.07
Diethylphthalate	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1
Dimethyl phthalate	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1
Di-n-butyl phthalate	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1
Di-n-octyl phthalate	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1
Hexachlorobenzene	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
Hexachlorocyclopentadiene	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
Hexachloroethane	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
Isophorone	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
Indene	mg/kg	---	---	---	---	---	---	---	0.157	---	---
Nitrobenzene	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
N-Nitrosodimethylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
Nonadecane	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
Phenanthrene, 2-methyl-	mg/kg	---	0.484	---	0.695	---	0.829	---	---	---	---
SVOC - Target by GC-MS											
1,1-Biphenyl, 3,4-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Anthracene, 1,2,3,4-tetrahydro-	mg/kg	---	---	---	---	---	---	---	---	---	---
Biphenylene	mg/kg	---	---	---	---	---	---	---	---	---	---
Chrysene, 4-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
1,9,12-Trioxa-4,6-diazacyclotetradecane-5-thione	mg/kg	---	---	---	---	---	---	---	---	---	---
11H-Indeno(1,2-b)quinoline	mg/kg	---	---	---	---	---	---	---	---	---	---
1H-Isoindole-1,3(2H)-dione, 2-(2-phenyl-2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetramethylterephthalaldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
		TLA-SL-S7	TLA-SL-S8	TLA-SL-S8	TLA-SL-S9	TLA-SL-S10	TLA-SL-S10	TLA-SL-S11	TLA-SL-S11	TLA-SL-S12	TLA-SL-S12
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123
		12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023
	Depth	1	3.5	3.5	2	3	3	1	1	3	3
	Unit										
1,2,4-trichlorobenzene	mg/kg	---	<0.007	---	<0.007	<0.007	---	<0.007	---	<0.007	---
1,2-dichlorobenzene	mg/kg	---	<0.004	---	<0.004	<0.004	---	<0.004	---	<0.004	---
1,3-dichlorobenzene	mg/kg	---	<0.004	---	<0.004	<0.004	---	<0.004	---	<0.004	---
1,4-dichlorobenzene	mg/kg	---	<0.004	---	<0.004	<0.004	---	<0.004	---	<0.004	---
Chlorobenzene	mg/kg	---	<0.003	---	<0.003	<0.003	---	<0.003	---	<0.003	---
Hexachlorobutadiene	mg/kg	---	<0.004	---	<0.004	<0.004	---	<0.004	---	<0.004	---
SVOC											
4-bromophenyl phenyl ether	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
4-nitroaniline	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
4-nitrophenol	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
Hentriacontane	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphtho(2,1,8-def)quinoline	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphtho[2,1-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---
3-Bromo-5-ethoxy-4-hydroxybenzaldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-Biphenyl	mg/kg	---	---	---	---	---	---	---	---	---	---
Perylene	mg/kg	---	3.2	---	---	---	---	0.5	---	0.6	---
11H-Benzo[a]carbazole	mg/kg	---	0.5	---	---	---	---	---	---	---	---
1-Methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
2,4,6-trichlorophenol	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
2,4-dichlorophenol	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
2,4-dimethylphenol	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
2,4-dinitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
2,6-dinitrotoluene	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
2-chloronaphthalene	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
2-chlorophenol	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
2-methylnaphthalene	mg/kg	---	0.32	---	<0.01	0.03	---	0.02	---	0.07	---
2-methylphenol	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
2-nitroaniline	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
2-nitrophenol	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
3-nitroaniline	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
4-chloroaniline	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
4-chlorophenyl phenyl ether	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
4-methylphenol	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
9-Anthracenecarbonitrile	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(e)pyrene	mg/kg	---	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
Bis(2-chloroethoxy) methane	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
Bis(2-chloroethyl)ether	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	<0.1	---	<0.1	<0.1	---	<0.1	---	<0.1	---
Butyl benzyl phthalate	mg/kg	---	<0.1	---	<0.1	<0.1	---	<0.1	---	<0.1	---
Carbazole	mg/kg	---	0.19	---	0.02	0.03	---	0.03	---	0.09	---
Dibenzofuran	mg/kg	---	0.22	---	0.02	0.05	---	0.03	---	0.14	---
Diethylphthalate	mg/kg	---	<0.1	---	<0.1	<0.1	---	<0.1	---	<0.1	---
Dimethyl phthalate	mg/kg	---	<0.1	---	<0.1	<0.1	---	<0.1	---	<0.1	---
Di-n-butyl phthalate	mg/kg	---	<0.1	---	<0.1	<0.1	---	<0.1	---	<0.1	---
Di-n-octyl phthalate	mg/kg	---	<0.1	---	<0.1	<0.1	---	<0.1	---	<0.1	---
Hexachlorobenzene	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
Hexachlorocyclopentadiene	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
Hexachloroethane	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
Isophorone	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
Indene	mg/kg	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
N-Nitrosodimethylamine	mg/kg	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
Nonadecane	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
Phenanthrene, 2-methyl-	mg/kg	---	0.4	---	---	---	---	---	---	---	---
SVOC - Target by GC-MS											
1,1-Biphenyl, 3,4-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Anthracene, 1,2,3,4-tetrahydro-	mg/kg	---	---	---	---	---	---	---	---	---	---
Biphenylene	mg/kg	---	---	---	---	---	---	---	---	---	---
Chrysene, 4-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
1,9,12-Trioxa-4,6-diazacyclotetradecane-5-thione	mg/kg	---	---	---	---	---	---	---	---	---	---
11H-Indeno(1,2-b)quinoline	mg/kg	---	---	---	---	---	---	---	---	---	---
1H-Isoindole-1,3(2H)-dione, 2-(2-phenyl-2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,5,6-Tetramethylterephthalaldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	TFD (re-worked)	TFD (re-worked)	TFD (re-worked)
Location Code		TLA-SL-S13	TLA-SL-S13	SHO-EF-43-S3	SHO-TS1_AUK_TP105-S3	SHO-TS1_AUK_TP106-S5
Matrix Type		Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-560-1-260123	23-560-1-260123	23-3837-12-160523	106848	106848
Date		12 Jan 2023	12 Jan 2023	28 Apr 2023	02 Mar 2022	04 Mar 2022
Depth		2	2	3	4	4
	Unit					
1,2,4-trichlorobenzene	mg/kg	<0.007	---	---	<0.01	<0.01
1,2-dichlorobenzene	mg/kg	<0.004	---	---	<0.01	<0.01
1,3-dichlorobenzene	mg/kg	<0.004	---	---	<0.01	<0.01
1,4-dichlorobenzene	mg/kg	<0.004	---	---	<0.01	<0.01
Chlorobenzene	mg/kg	<0.003	---	---	<0.01	<0.01
Hexachlorobutadiene	mg/kg	<0.004	---	---	<0.01	<0.01
SVOC						
4-bromophenyl phenyl ether	mg/kg	<0.01	---	---	<0.1	<0.1
4-nitroaniline	mg/kg	<0.01	---	---	<0.1	<0.1
4-nitrophenol	mg/kg	<0.01	---	---	<0.1	<0.1
Hentriacontane	mg/kg	---	---	---	---	---
Naphtho(2,1,8-def)quinoline	mg/kg	---	---	---	---	---
Naphtho[2,1-b]thiophene	mg/kg	---	---	---	---	---
3-Bromo-5-ethoxy-4-hydroxybenzaldehyde	mg/kg	---	---	---	---	---
1,1-Biphenyl	mg/kg	---	---	---	---	---
Perylene	mg/kg	---	---	---	---	---
11H-Benzo[a]carbazole	mg/kg	---	---	---	---	---
1-Methylnaphthalene	mg/kg	---	---	---	<0.1	<0.1
2,4,5-trichlorophenol	mg/kg	<0.01	---	---	<0.1	<0.1
2,4,6-trichlorophenol	mg/kg	<0.01	---	---	<0.1	<0.1
2,4-dichlorophenol	mg/kg	<0.01	---	---	<0.1	<0.1
2,4-dimethylphenol	mg/kg	<0.01	---	---	<0.1	<0.1
2,4-dinitrophenol	mg/kg	---	---	---	<0.1	<0.1
2,4-dinitrotoluene	mg/kg	<0.01	---	---	<0.1	<0.1
2,6-dinitrotoluene	mg/kg	<0.01	---	---	<0.1	<0.1
2-chloronaphthalene	mg/kg	<0.01	---	---	<0.1	<0.1
2-chlorophenol	mg/kg	<0.01	---	---	<0.1	<0.1
2-methylnaphthalene	mg/kg	0.03	---	---	0.2	<0.1
2-methylphenol	mg/kg	<0.01	---	---	<0.1	<0.1
2-nitroaniline	mg/kg	<0.01	---	---	<0.1	<0.1
2-nitrophenol	mg/kg	<0.01	---	---	<0.1	<0.1
3-nitroaniline	mg/kg	<0.01	---	---	<0.1	<0.1
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	<0.1	<0.1
4-chloro-3-methylphenol	mg/kg	<0.01	---	---	<0.1	<0.1
4-chloroaniline	mg/kg	<0.01	---	---	<0.1	<0.1
4-chlorophenyl phenyl ether	mg/kg	<0.01	---	---	<0.1	<0.1
4-methylphenol	mg/kg	<0.01	---	---	---	---
9-Anthracenecarbonitrile	mg/kg	---	---	---	---	---
Benzo(e)pyrene	mg/kg	---	---	---	---	---
Azobenzene	mg/kg	<0.01	---	---	<0.1	<0.1
Bis(2-chloroethoxy) methane	mg/kg	<0.01	---	---	<0.1	<0.1
Bis(2-chloroethyl)ether	mg/kg	<0.01	---	---	<0.1	<0.1
Bis(2-chloroisopropyl) ether	mg/kg	---	---	---	<0.1	<0.1
Bis(2-ethylhexyl) phthalate	mg/kg	<0.1	---	---	<0.1	<0.1
Butyl benzyl phthalate	mg/kg	<0.1	---	---	<0.1	<0.1
Carbazole	mg/kg	0.05	---	---	0.3	<0.1
Dibenzofuran	mg/kg	0.06	---	---	0.3	<0.1
Diethylphthalate	mg/kg	<0.1	---	---	<0.1	<0.1
Dimethyl phthalate	mg/kg	<0.1	---	---	<0.1	<0.1
Di-n-butyl phthalate	mg/kg	<0.1	---	---	<0.1	<0.1
Di-n-octyl phthalate	mg/kg	<0.1	---	---	<0.1	<0.1
Hexachlorobenzene	mg/kg	<0.01	---	---	<0.1	<0.1
Hexachlorocyclopentadiene	mg/kg	<0.01	---	---	<0.1	<0.1
Hexachloroethane	mg/kg	<0.01	---	---	<0.1	<0.1
Isophorone	mg/kg	<0.01	---	---	<0.1	<0.1
Indene	mg/kg	---	---	---	---	---
Nitrobenzene	mg/kg	<0.01	---	---	<0.1	<0.1
N-Nitrosodimethylamine	mg/kg	---	---	---	<0.1	<0.1
N-nitrosodi-n-propylamine	mg/kg	<0.01	---	---	<0.1	<0.1
Nonadecane	mg/kg	---	---	---	---	---
Pentachlorophenol	mg/kg	<0.01	---	---	<0.1	<0.1
Phenanthrene, 2-methyl-	mg/kg	---	---	---	---	---
SVOC - Target by GC-MS						
1,1-Biphenyl, 3,4-dimethyl-	mg/kg	---	---	---	---	---
Anthracene, 1,2,3,4-tetrahydro-	mg/kg	---	---	---	---	---
Biphenylene	mg/kg	---	---	---	---	---
Chrysene, 4-methyl-	mg/kg	---	---	---	---	---
1,9,12-Trioxa-4,6-diazacyclotetradecane-5-thione	mg/kg	---	---	---	---	---
11H-Indeno(1,2-b)quinoline	mg/kg	---	---	---	---	---
1H-Isoindole-1,3(2H)-dione, 2-(2-phenyl-2-propenyl)-	mg/kg	---	---	---	---	---
2,3,5,6-Tetramethylterephthalaldehyde	mg/kg	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth										
	CMG	CMG	CMG	CMG	CMG	CMG	CMG	CMG	CMG	CMG
	SHO-DY-48-S1	SHO-DZ-48-S1	SHO-ED-41-S3	SHO-ED-51-S4	SHO-ED-51-S4	SHO-EF-42-S2	SHO-EF-44-S2	SHO-EF-49-S2	SHO-SL-S2	
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	23-3837-2-290323	23-3460-1-150323	23-3837-3-040423	23-3837-1-170323	23-3837-1-170323	23-3837-4-120423	23-3837-3-040423	23-3837-1-170323	23-3837-1-170323	23-560-1-260123
	21 Mar 2023	01 Mar 2023	22 Mar 2023	07 Mar 2023	07 Mar 2023	29 Mar 2023	23 Mar 2023	08 Mar 2023	13 Jan 2023	
	1.5	1.5	4.5	4	4	3	3	2.5	4.5	
	Unit									
9,10[1,2]-Benzenoanthracene, 9,10-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
9,10-Anthracenedione, 2,3-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
5,6-Dihydrochrysene	mg/kg	---	---	---	---	---	---	---	---	---
6H-Benz[de]anthracen-6-one	mg/kg	---	---	---	---	---	---	---	---	---
PCB										
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---
Total PCB WHO 12	mg/kg	---	---	---	---	---	---	---	---	---
Phenolics										
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	---	---	3.896	---	---	---	---	<0.01
Total Phenols	mg/kg	---	---	---	38.99	---	---	---	---	---
Pesticides										
Malathion	mg/kg	---	---	---	---	---	---	---	---	---
SVOC TIC										
(3S,5R,8S)-3,8-Dimethyl-5-(prop-1-en-2-yl)-2,3,5,6,7,8-hexahydroazulen-1(4H)-one	mg/kg	---	---	---	---	---	---	---	---	---
1(2H)-Phenanthrenone, 3,4,9,10-tetrahydro-7-methoxy-	mg/kg	---	---	---	---	---	---	---	---	---
1,1'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methyl-4-p-tolynaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methyldibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---
2,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,6,10,14,18-Pentamethyl-2,6,10,14,18-eicosapentaene	mg/kg	---	---	---	---	---	---	---	---	---
3,3-Dimethylbiphenyl	mg/kg	---	---	---	---	---	---	---	---	---
6H-Dibenzo[b,d]-pyran	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluorene, 3-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluorene, 9-(phenylmethylene)-	mg/kg	---	---	---	---	---	---	---	---	---
Anthra(2,3-b)thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene, 2-ethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene, 9-phenyl-	mg/kg	---	---	---	---	---	---	---	---	---
Anthraquinone, 9,10-	mg/kg	---	---	---	---	---	---	---	---	---
Benzaldehyde, 3,5-dichloro-2-hydroxy	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1,1'-(1,4-butanediyl)bis-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1,3-diethenyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(c)carbazole	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[a]naphthacene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[h]cinnoline	mg/kg	---	---	---	---	---	---	---	---	---
Chol-7-ene, (5.beta.)-	mg/kg	---	---	---	---	---	---	---	---	---
Chrysene, 5-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Dehydrocostus lactone	mg/kg	---	---	---	---	---	---	---	---	---
Dibenzo[a,e]cyclooctene	mg/kg	---	---	---	---	---	---	---	---	---
Dodecane, 2-methyl-8-propyl-	mg/kg	---	---	---	---	---	---	---	---	---
Eicosane	mg/kg	---	---	---	---	---	---	---	---	---
Heptadecane	mg/kg	---	---	---	---	---	---	---	---	---
Hexa-2,4-diyn-1-ylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene 1,2- dimethyl -	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1-(phenylmethyl)-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1,2-dihydro-6-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 2-ethenyl-	mg/kg	---	---	---	---	---	---	---	---	---
Naphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description		CMG	CMG	CMG	CMG	CMG	CMG	CMG	CMG	CMG
Location Code		SHO-SL-S21	SHO-SL-S37	SHO-SL-S37	TLA-SL-S3	SHO-DY-46-S3	SHO-DY-48-S2	SHO-DY-48-S3	SHO-DZ-45-S1	SHO-DZ-45-S4
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-919-1-300123	23-1151-1-070223	23-1151-1-070223	23-524-1-260123	23-3837-1-170323	23-3837-2-290323	23-3837-2-290323	23-3837-1-170323	23-3837-9-050523
Date		20 Jan 2023	23 Jan 2023	23 Jan 2023	11 Jan 2023	08 Mar 2023	21 Mar 2023	21 Mar 2023	08 Mar 2023	19 Apr 2023
Depth					3	4.5	3	4.5	1.5	3
	Unit									
9,10[1,2]-Benzenoanthracene, 9,10-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
9,10-Anthracenedione, 2,3-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
5,6-Dihydrochrysene	mg/kg	---	---	---	---	---	---	---	---	---
6H-Benz[de]anthracen-6-one	mg/kg	---	---	---	---	---	---	---	---	---
PCB										
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---
Total PCB WHO 12	mg/kg	---	---	---	---	---	---	---	---	---
Phenolics										
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	<0.01	<0.01	---	<0.01	---	---	---	---	---
Total Phenols	mg/kg	---	---	---	---	---	---	---	---	---
Pesticides										
Malathion	mg/kg	---	---	---	---	---	---	---	---	---
SVOC TIC										
(3S,5R,8S)-3,8-Dimethyl-5-(prop-1-en-2-yl)-2,3,5,6,7,8-hexahydroazulen-1(4H)-one	mg/kg	---	---	---	---	---	---	---	---	---
1(2H)-Phenanthrenone, 3,4,9,10-tetrahydro-7-methoxy-	mg/kg	---	---	---	---	---	---	---	---	---
1,1'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methyl-4-p-tolynaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methyldibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---
2,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,6,10,14,18-Pentamethyl-2,6,10,14,18-eicosapentaene	mg/kg	---	---	---	---	---	---	---	---	---
3,3-Dimethylbiphenyl	mg/kg	---	---	---	---	---	---	---	---	---
6H-Dibenzo[b,d]-pyran	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluorene, 3-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluorene, 9-(phenylmethylene)-	mg/kg	---	---	---	---	---	---	---	---	---
Anthra(2,3-b)thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene, 2-ethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene, 9-phenyl-	mg/kg	---	---	---	---	---	---	---	---	---
Anthraquinone, 9,10-	mg/kg	---	---	---	---	---	---	---	---	---
Benzaldehyde, 3,5-dichloro-2-hydroxy	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1,1'-(1,4-butanediyl)bis-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1,3-diethenyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(c)carbazole	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[a]naphthacene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[h]cinnoline	mg/kg	---	---	---	---	---	---	---	---	---
Chol-7-ene, (5.beta.)-	mg/kg	---	---	---	---	---	---	---	---	---
Chrysene, 5-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Dehydrocostus lactone	mg/kg	---	---	---	---	---	---	---	---	---
Dibenzo[a,e]cyclooctene	mg/kg	---	---	---	---	---	---	---	---	---
Dodecane, 2-methyl-8-propyl-	mg/kg	---	---	---	---	---	---	---	---	---
Eicosane	mg/kg	---	---	---	---	---	---	---	---	---
Heptadecane	mg/kg	---	---	---	---	---	---	---	---	---
Hexa-2,4-diyn-1-ylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene 1,2- dimethyl -	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1-(phenylmethyl)-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1,2-dihydro-6-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 2-ethenyl-	mg/kg	---	---	---	---	---	---	---	---	---
Naphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
		SHO-DZ-45-S5	SHO-DZ-45-S6	SHO-DZ-45-S7	SHO-DZ-45-S8	SHO-DZ-45-S9	SHO-DZ-46-S1	SHO-DZ-46-S2	SHO-DZ-49-S1	SHO-EA-44-S1
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-2-290323	23-3837-2-290323	23-3460-1-150323	23-3837-2-290323
		19 Apr 2023	19 Apr 2023	19 Apr 2023	19 Apr 2023	19 Apr 2023	21 Mar 2023	21 Mar 2023	01 Mar 2023	22 Mar 2023
		2.5	2.5	2.5	2.5	2.5	1.5	3	1.5	1.5
9,10[1,2]-Benzenoanthracene, 9,10-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
9,10-Anthracenedione, 2,3-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
5,6-Dihydrochrysene	mg/kg	---	---	---	---	---	---	---	---	---
6H-Benz[de]anthracen-6-one	mg/kg	---	---	---	---	---	---	---	---	---
PCB										
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---
Total PCB WHO 12	mg/kg	---	---	---	---	---	---	---	---	---
Phenolics										
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	---	---	---	---	---	---	---	---
Total Phenols	mg/kg	---	---	---	---	---	---	---	---	---
Pesticides										
Malathion	mg/kg	---	---	---	---	---	---	---	---	---
SVOC TIC										
(3S,5R,8S)-3,8-Dimethyl-5-(prop-1-en-2-yl)-2,3,5,6,7,8-hexahydroazulen-1(4H)-one	mg/kg	---	---	---	---	---	---	---	---	---
1(2H)-Phenanthrenone, 3,4,9,10-tetrahydro-7-methoxy-	mg/kg	---	---	---	---	---	---	---	---	---
1,1'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methyl-4-p-tolynaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methyldibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---
2,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,6,10,14,18-Pentamethyl-2,6,10,14,18-eicosapentaene	mg/kg	---	---	---	---	---	---	---	---	---
3,3-Dimethylbiphenyl	mg/kg	---	---	---	---	---	---	---	---	---
6H-Dibenzo[b,d]-pyran	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluorene, 3-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluorene, 9-(phenylmethylene)-	mg/kg	---	---	---	---	---	---	---	---	---
Anthra(2,3-b)thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene, 2-ethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene, 9-phenyl-	mg/kg	---	---	---	---	---	---	---	---	---
Anthraquinone, 9,10-	mg/kg	---	---	---	---	---	---	---	---	---
Benzaldehyde, 3,5-dichloro-2-hydroxy	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1,1'-(1,4-butanediyl)bis-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1,3-diethenyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(c)carbazole	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[a]naphthacene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[h]cinnoline	mg/kg	---	---	---	---	---	---	---	---	---
Chol-7-ene, (5.beta.)-	mg/kg	---	---	---	---	---	---	---	---	---
Chrysene, 5-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Dehydrocostus lactone	mg/kg	---	---	---	---	---	---	---	---	---
Dibenzo[a,e]cyclooctene	mg/kg	---	---	---	---	---	---	---	---	---
Dodecane, 2-methyl-8-propyl-	mg/kg	---	---	---	---	---	---	---	---	---
Eicosane	mg/kg	---	---	---	---	---	---	---	---	---
Heptadecane	mg/kg	---	---	---	---	---	---	---	---	---
Hexa-2,4-diyn-1-ylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene 1,2- dimethyl -	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1-(phenylmethyl)-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1,2-dihydro-6-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 2-ethenyl-	mg/kg	---	---	---	---	---	---	---	---	---
Naphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-EA-44-S8	SHO-EA-46-S1	SHO-EA-46-S2	SHO-EA-47-S2	SHO-EA-49-S1	SHO-EA-49-S2	SHO-EA-50-S3	SHO-EA-43-S1	SHO-EB-45-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-6-210423	23-3460-1-150323	23-3460-1-150323	23-3460-1-150323	23-3460-1-150323	23-3460-1-150323	23-3460-1-150323	23-3837-3-040423	23-3837-1-170323
Date		13 Apr 2023	03 Mar 2023	03 Mar 2023	01 Mar 2023	02 Mar 2023	02 Mar 2023	02 Mar 2023	23 Mar 2023	06 Mar 2023
Depth		4.5	1.5	3	3	1.5	3	4.5	1.5	1.5
	Unit									
9,10[1,2]-Benzenoanthracene, 9,10-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
9,10-Anthracenedione, 2,3-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
5,6-Dihydrochrysene	mg/kg	---	---	---	---	---	---	---	---	---
6H-Benz[de]anthracen-6-one	mg/kg	---	---	---	---	---	---	---	---	---
PCB										
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---
Total PCB WHO 12	mg/kg	---	---	---	---	---	---	---	---	---
Phenolics										
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	---	---	---	---	---	---	---	---
Total Phenols	mg/kg	---	---	---	---	---	---	---	---	---
Pesticides										
Malathion	mg/kg	---	---	---	---	---	---	---	---	---
SVOC TIC										
(3S,5R,8S)-3,8-Dimethyl-5-(prop-1-en-2-yl)-2,3,5,6,7,8-hexahydroazulen-1(4H)-one	mg/kg	---	---	---	---	---	---	---	---	---
1(2H)-Phenanthrenone, 3,4,9,10-tetrahydro-7-methoxy-	mg/kg	---	---	---	---	---	---	---	---	---
1,1'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methyl-4-p-tolyl naphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methyldibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---
2,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,6,10,14,18-Pentamethyl-2,6,10,14,18-eicosapentaene	mg/kg	---	---	---	---	---	---	---	---	---
3,3-Dimethylbiphenyl	mg/kg	---	---	---	---	---	---	---	---	---
6H-Dibenzo[b,d]-pyran	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluorene, 3-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluorene, 9-(phenylmethylene)-	mg/kg	---	---	---	---	---	---	---	---	---
Anthra(2,3-b)thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene, 2-ethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene, 9-phenyl-	mg/kg	---	---	---	---	---	---	---	---	---
Anthraquinone, 9,10-	mg/kg	---	---	---	---	---	---	---	---	---
Benzaldehyde, 3,5-dichloro-2-hydroxy	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1,1'-(1,4-butanediyl)bis-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1,3-diethenyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(c)carbazole	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[a]naphthacene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[h]cinnoline	mg/kg	---	---	---	---	---	---	---	---	---
Chol-7-ene, (5.beta.)-	mg/kg	---	---	---	---	---	---	---	---	---
Chrysene, 5-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Dehydrocostus lactone	mg/kg	---	---	---	---	---	---	---	---	---
Dibenzo[a,e]cyclooctene	mg/kg	---	---	---	---	---	---	---	---	---
Dodecane, 2-methyl-8-propyl-	mg/kg	---	---	---	---	---	---	---	---	---
Eicosane	mg/kg	---	---	---	---	---	---	---	---	---
Heptadecane	mg/kg	---	---	---	---	---	---	---	---	---
Hexa-2,4-diyn-1-ylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene 1,2- dimethyl -	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1-(phenylmethyl)-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1,2-dihydro-6-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 2-ethenyl-	mg/kg	---	---	---	---	---	---	---	---	---
Naphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth									
	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
	SHO-EB-45-S2	SHO-EB-46-S1	SHO-EB-46-S2	SHO-EB-49-S3	SHO-EB-50-S2	SHO-EC-42-S2	SHO-EC-45-S1	SHO-EC-46-S1	SHO-EC-49-S3
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	23-3837-1-170323	23-3460-1-150323	23-3460-1-150323	23-3837-14-230523	23-3837-14-230523	23-3837-3-040423	23-3837-1-170323	23-3460-1-150323	23-3837-14-230523
Unit	06 Mar 2023	03 Mar 2023	03 Mar 2023	11 May 2023	11 May 2023	23 Mar 2023	06 Mar 2023	03 Mar 2023	11 May 2023
	3	1.5	3	4.5	3	3	1.5	0.5	4.5
	Unit								
9,10[1,2]-Benzenoanthracene, 9,10-dihydro-	mg/kg	---	---	---	---	---	---	---	---
9,10-Anthracenedione, 2,3-dimethyl-	mg/kg	---	---	---	---	---	---	---	---
5,6-Dihydrochrysene	mg/kg	---	---	---	---	---	---	---	---
6H-Benz[de]anthracen-6-one	mg/kg	---	---	---	---	---	---	---	---
PCB									
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---
Total PCB WHO 12	mg/kg	---	---	---	---	---	---	---	---
Phenolics									
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	---	---	---	---	---	---	---
Total Phenols	mg/kg	---	---	---	---	---	---	---	---
Pesticides									
Malathion	mg/kg	---	---	---	---	---	---	---	---
SVOC TIC									
(3S,5R,8S)-3,8-Dimethyl-5-(prop-1-en-2-yl)-2,3,5,6,7,8-hexahydroazulen-1(4H)-one	mg/kg	---	---	---	---	---	---	---	---
1(2H)-Phenanthrenone, 3,4,9,10-tetrahydro-7-methoxy-	mg/kg	---	---	---	---	---	---	---	---
1,1'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---
1,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---
1-Methyl-4-p-tolyl naphthalene	mg/kg	---	---	---	---	---	---	---	---
1-Methyldibenzothiophene	mg/kg	---	---	---	---	---	---	---	---
2,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---
2,6,10,14,18-Pentamethyl-2,6,10,14,18-eicosapentaene	mg/kg	---	---	---	---	---	---	---	---
3,3-Dimethylbiphenyl	mg/kg	---	---	---	---	---	---	---	---
6H-Dibenzo[b,d]-pyran	mg/kg	---	---	---	---	---	---	---	---
9H-Fluorene, 3-methyl-	mg/kg	---	---	---	---	---	---	---	---
9H-Fluorene, 9-(phenylmethylene)-	mg/kg	---	---	---	---	---	---	---	---
Anthra(2,3-b)thiophene	mg/kg	---	---	---	---	---	---	---	---
Anthracene, 2-ethyl-	mg/kg	---	---	---	---	---	---	---	---
Anthracene, 9-phenyl-	mg/kg	---	---	---	---	---	---	---	---
Anthraquinone, 9,10-	mg/kg	---	---	---	---	---	---	---	---
Benzaldehyde, 3,5-dichloro-2-hydroxy	mg/kg	---	---	---	---	---	---	---	---
Benzene, 1,1'-(1,4-butanediyl)bis-	mg/kg	---	---	---	---	---	---	---	---
Benzene, 1,3-diethenyl-	mg/kg	---	---	---	---	---	---	---	---
Benzo(c)carbazole	mg/kg	---	---	---	---	---	---	---	---
Benzo[a]naphthacene	mg/kg	---	---	---	---	---	---	---	---
Benzo[h]cinnoline	mg/kg	---	---	---	---	---	---	---	---
Chol-7-ene, (5.beta.)-	mg/kg	---	---	---	---	---	---	---	---
Chrysene, 5-methyl-	mg/kg	---	---	---	---	---	---	---	---
Dehydrocostus lactone	mg/kg	---	---	---	---	---	---	---	---
Dibenzo[a,e]cyclooctene	mg/kg	---	---	---	---	---	---	---	---
Dodecane, 2-methyl-8-propyl-	mg/kg	---	---	---	---	---	---	---	---
Eicosane	mg/kg	---	---	---	---	---	---	---	---
Heptadecane	mg/kg	---	---	---	---	---	---	---	---
Hexa-2,4-diyn-1-ylbenzene	mg/kg	---	---	---	---	---	---	---	---
Naphthalene 1,2- dimethyl -	mg/kg	---	---	---	---	---	---	---	---
Naphthalene, 1-(phenylmethyl)-	mg/kg	---	---	---	---	---	---	---	---
Naphthalene, 1,2-dihydro-6-methyl-	mg/kg	---	---	---	---	---	---	---	---
Naphthalene, 2-ethenyl-	mg/kg	---	---	---	---	---	---	---	---
Naphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-EC-51-S1	SHO-ED-42-S2	SHO-ED-42-S3	SHO-ED-43-S2	SHO-ED-45-S2	SHO-ED-47-S2	SHO-ED-48-S2	SHO-ED-49-S1	SHO-ED-49-S2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-1-170323	23-3837-3-040423	23-3837-3-040423	23-3837-2-290323	23-3837-1-170323	23-3837-4-120423	23-3837-4-120423	23-3837-14-230523	23-3837-14-230523
Date		06 Mar 2023	22 Mar 2023	22 Mar 2023	22 Mar 2023	06 Mar 2023	30 Mar 2023	30 Mar 2023	11 May 2023	11 May 2023
Depth		1.5	3	4.5	3	3	1.5	1.5	1.5	3
	Unit									
9,10[1,2]-Benzenoanthracene, 9,10-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
9,10-Anthracenedione, 2,3-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
5,6-Dihydrochrysene	mg/kg	---	---	---	---	---	---	---	---	---
6H-Benz[de]anthracen-6-one	mg/kg	---	---	---	---	---	---	---	---	---
PCB										
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---
Total PCB WHO 12	mg/kg	---	---	---	---	---	---	---	---	---
Phenolics										
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	---	---	---	---	---	---	---	---
Total Phenols	mg/kg	---	---	---	---	---	---	---	---	---
Pesticides										
Malathion	mg/kg	---	---	---	---	---	---	---	---	---
SVOC TIC										
(3S,5R,8S)-3,8-Dimethyl-5-(prop-1-en-2-yl)-2,3,5,6,7,8-hexahydroazulen-1(4H)-one	mg/kg	---	---	---	---	---	---	---	---	---
1(2H)-Phenanthrenone, 3,4,9,10-tetrahydro-7-methoxy-	mg/kg	---	---	---	---	---	---	---	---	---
1,1'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methyl-4-p-tolynaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methyldibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---
2,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,6,10,14,18-Pentamethyl-2,6,10,14,18-eicosapentaene	mg/kg	---	---	---	---	---	---	---	---	---
3,3-Dimethylbiphenyl	mg/kg	---	---	---	---	---	---	---	---	---
6H-Dibenzo[b,d]-pyran	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluorene, 3-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluorene, 9-(phenylmethylene)-	mg/kg	---	---	---	---	---	---	---	---	---
Anthra(2,3-b)thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene, 2-ethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene, 9-phenyl-	mg/kg	---	---	---	---	---	---	---	---	---
Anthraquinone, 9,10-	mg/kg	---	---	---	---	---	---	---	---	---
Benzaldehyde, 3,5-dichloro-2-hydroxy	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1,1'-(1,4-butanediyl)bis-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1,3-diethenyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(c)carbazole	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[a]naphthacene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[h]cinnoline	mg/kg	---	---	---	---	---	---	---	---	---
Chol-7-ene, (5.beta.)-	mg/kg	---	---	---	---	---	---	---	---	---
Chrysene, 5-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Dehydrocostus lactone	mg/kg	---	---	---	---	---	---	---	---	---
Dibenzo[a,e]cyclooctene	mg/kg	---	---	---	---	---	---	---	---	---
Dodecane, 2-methyl-8-propyl-	mg/kg	---	---	---	---	---	---	---	---	---
Eicosane	mg/kg	---	---	---	---	---	---	---	---	---
Heptadecane	mg/kg	---	---	---	---	---	---	---	---	---
Hexa-2,4-diyn-1-ylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene 1,2- dimethyl -	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1-(phenylmethyl)-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1,2-dihydro-6-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 2-ethenyl-	mg/kg	---	---	---	---	---	---	---	---	---
Naphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth										
	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
	SHO-ED-49-S3	SHO-ED-50-S3	SHO-EE-45-S2	SHO-EE-45-S3	SHO-EE-42-S3	SHO-EF-45-S3	SHO-EF-46-S3	SHO-EF-49-S1	SHO-EG-43-S2	
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
	23-3837-14-230523	23-3837-1-170323	23-3837-5-180423	23-3837-5-180423	23-3837-4-120423	23-3837-4-120423	23-3837-4-120423	23-3837-1-170323	23-3837-5-180423	
Unit	11 May 2023	07 Mar 2023	05 Apr 2023	05 Apr 2023	29 Mar 2023	30 Mar 2023	30 Mar 2023	09 Mar 2023	04 Apr 2023	
	4.5	4.5	3	4.5	4.5	3	3	1.5	3	
	Unit									
9,10[1,2]-Benzenoanthracene, 9,10-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
9,10-Anthracenedione, 2,3-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
5,6-Dihydrochrysene	mg/kg	---	---	---	---	---	---	---	---	---
6H-Benz[de]anthracen-6-one	mg/kg	---	---	---	---	---	---	---	---	---
PCB										
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---
Total PCB WHO 12	mg/kg	---	---	---	---	---	---	---	---	---
Phenolics										
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	---	---	---	---	---	---	---	---
Total Phenols	mg/kg	---	---	---	---	---	---	---	---	---
Pesticides										
Malathion	mg/kg	---	---	---	---	---	---	---	---	---
SVOC TIC										
(3S,5R,8S)-3,8-Dimethyl-5-(prop-1-en-2-yl)-2,3,5,6,7,8-hexahydroazulen-1(4H)-one	mg/kg	---	---	---	---	---	---	---	---	---
1(2H)-Phenanthrenone, 3,4,9,10-tetrahydro-7-methoxy-	mg/kg	---	---	---	---	---	---	---	---	---
1,1'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methyl-4-p-tolyl naphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methyldibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---
2,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,6,10,14,18-Pentamethyl-2,6,10,14,18-eicosapentaene	mg/kg	---	---	---	---	---	---	---	---	---
3,3-Dimethylbiphenyl	mg/kg	---	---	---	---	---	---	---	---	---
6H-Dibenzo[b,d]-pyran	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluorene, 3-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluorene, 9-(phenylmethylene)-	mg/kg	---	---	---	---	---	---	---	---	---
Anthra(2,3-b)thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene, 2-ethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene, 9-phenyl-	mg/kg	---	---	---	---	---	---	---	---	---
Anthraquinone, 9,10-	mg/kg	---	---	---	---	---	---	---	---	---
Benzaldehyde, 3,5-dichloro-2-hydroxy	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1,1'-(1,4-butanediyl)bis-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1,3-diethenyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(c)carbazole	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[a]naphthacene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[h]cinnoline	mg/kg	---	---	---	---	---	---	---	---	---
Chol-7-ene, (5.beta.)-	mg/kg	---	---	---	---	---	---	---	---	---
Chrysene, 5-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Dehydrocostus lactone	mg/kg	---	---	---	---	---	---	---	---	---
Dibenzo[a,e]cyclooctene	mg/kg	---	---	---	---	---	---	---	---	---
Dodecane, 2-methyl-8-propyl-	mg/kg	---	---	---	---	---	---	---	---	---
Eicosane	mg/kg	---	---	---	---	---	---	---	---	---
Heptadecane	mg/kg	---	---	---	---	---	---	---	---	---
Hexa-2,4-diyn-1-ylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene 1,2- dimethyl -	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1-(phenylmethyl)-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1,2-dihydro-6-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 2-ethenyl-	mg/kg	---	---	---	---	---	---	---	---	---
Naphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth									
	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
	SHO-EG-44-S2	SHO-EH-45-S3	SHO-EH-46-S3	SHO-EI-43-S1	SHO-EI-44-S1	SHO-EI-44-S2	SHO-EI-44-S3	SHO-EJ-44-S1	SHO-EI-47-S1
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	23-3837-5-180423	23-3837-14-230523	23-3837-6-210423	23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-10-120523	23-3837-13-150523
Unit	04 Apr 2023	10 May 2023	14 Apr 2023	20 Apr 2023	20 Apr 2023	20 Apr 2023	20 Apr 2023	27 Apr 2023	03 May 2023
	3		3	0.1	0.1	1.5	2.5		1.5
	Unit								
9,10[1,2]-Benzenoanthracene, 9,10-dihydro-	mg/kg	---	---	---	---	---	---	---	---
9,10-Anthracenedione, 2,3-dimethyl-	mg/kg	---	---	---	---	---	---	---	---
5,6-Dihydrochrysene	mg/kg	---	---	---	---	---	---	---	---
6H-Benz[de]anthracen-6-one	mg/kg	---	---	---	---	---	---	---	---
PCB									
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---
Total PCB WHO 12	mg/kg	---	---	---	---	---	---	---	---
Phenolics									
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	---	---	---	---	---	---	---
Total Phenols	mg/kg	---	---	---	---	---	---	---	---
Pesticides									
Malathion	mg/kg	---	---	---	---	---	---	---	---
SVOC TIC									
(3S,5R,8S)-3,8-Dimethyl-5-(prop-1-en-2-yl)-2,3,5,6,7,8-hexahydroazulen-1(4H)-one	mg/kg	---	---	---	---	---	---	---	---
1(2H)-Phenanthrenone, 3,4,9,10-tetrahydro-7-methoxy-	mg/kg	---	---	---	---	---	---	---	---
1,1'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---
1,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---
1-Methyl-4-p-tolyl naphthalene	mg/kg	---	---	---	---	---	---	---	---
1-Methyldibenzothiophene	mg/kg	---	---	---	---	---	---	---	---
2,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---
2,6,10,14,18-Pentamethyl-2,6,10,14,18-eicosapentaene	mg/kg	---	---	---	---	---	---	---	---
3,3-Dimethylbiphenyl	mg/kg	---	---	---	---	---	---	---	---
6H-Dibenzo[b,d]-pyran	mg/kg	---	---	---	---	---	---	---	---
9H-Fluorene, 3-methyl-	mg/kg	---	---	---	---	---	---	---	---
9H-Fluorene, 9-(phenylmethylene)-	mg/kg	---	---	---	---	---	---	---	---
Anthra(2,3-b)thiophene	mg/kg	---	---	---	---	---	---	---	---
Anthracene, 2-ethyl-	mg/kg	---	---	---	---	---	---	---	---
Anthracene, 9-phenyl-	mg/kg	---	---	---	---	---	---	---	---
Anthraquinone, 9,10-	mg/kg	---	---	---	---	---	---	---	---
Benzaldehyde, 3,5-dichloro-2-hydroxy	mg/kg	---	---	---	---	---	---	---	---
Benzene, 1,1'-(1,4-butanediyl)bis-	mg/kg	---	---	---	---	---	---	---	---
Benzene, 1,3-diethenyl-	mg/kg	---	---	---	---	---	---	---	---
Benzo(c)carbazole	mg/kg	---	---	---	---	---	---	---	---
Benzo[a]naphthacene	mg/kg	---	---	---	---	---	---	---	---
Benzo[h]cinnoline	mg/kg	---	---	---	---	---	---	---	---
Chol-7-ene, (5.beta.)-	mg/kg	---	---	---	---	---	---	---	---
Chrysene, 5-methyl-	mg/kg	---	---	---	---	---	---	---	---
Dehydrocostus lactone	mg/kg	---	---	---	---	---	---	---	---
Dibenzo[a,e]cyclooctene	mg/kg	---	---	---	---	---	---	---	---
Dodecane, 2-methyl-8-propyl-	mg/kg	---	---	---	---	---	---	---	---
Eicosane	mg/kg	---	---	---	---	---	---	---	---
Heptadecane	mg/kg	---	---	---	---	---	---	---	---
Hexa-2,4-diyn-1-ylbenzene	mg/kg	---	---	---	---	---	---	---	---
Naphthalene 1,2- dimethyl -	mg/kg	---	---	---	---	---	---	---	---
Naphthalene, 1-(phenylmethyl)-	mg/kg	---	---	---	---	---	---	---	---
Naphthalene, 1,2-dihydro-6-methyl-	mg/kg	---	---	---	---	---	---	---	---
Naphthalene, 2-ethenyl-	mg/kg	---	---	---	---	---	---	---	---
Naphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth											
	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
	SHO-SL-S1	SHO-SL-S1	SHO-SL-S4	SHO-SL-S4	SHO-SL-S9	SHO-SL-S9	SHO-SL-S10	SHO-SL-S10	SHO-SL-S11	SHO-SL-S11	SHO-SL-S11
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123
	13 Jan 2023	13 Jan 2023	13 Jan 2023	13 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023
	2	2	4	4							
	Unit										
9,10[1,2]-Benzenoanthracene, 9,10-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---	---
9,10-Anthracenedione, 2,3-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
5,6-Dihydrochrysene	mg/kg	---	---	---	---	---	---	---	---	---	---
6H-Benz[de]anthracen-6-one	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB WHO 12	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	0.07	---
Total Phenols	mg/kg	---	---	---	---	---	---	---	---	---	---
Pesticides											
Malathion	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC TIC											
(3S,5R,8S)-3,8-Dimethyl-5-(prop-1-en-2-yl)-2,3,5,6,7,8-hexahydroazulen-1(4H)-one	mg/kg	---	---	---	---	---	---	---	---	---	---
1(2H)-Phenanthrenone, 3,4,9,10-tetrahydro-7-methoxy-	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
1-Methyl-4-p-tolynaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
1-Methyldibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,6,10,14,18-Pentamethyl-2,6,10,14,18-eicosapentaene	mg/kg	---	---	---	---	---	---	---	---	---	---
3,3-Dimethylbiphenyl	mg/kg	---	---	---	---	---	---	---	---	0.9	---
6H-Dibenzo[b,d]-pyran	mg/kg	---	---	---	---	---	---	---	---	---	---
9H-Fluorene, 3-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
9H-Fluorene, 9-(phenylmethylene)-	mg/kg	---	---	---	---	---	---	---	---	---	---
Anthra(2,3-b)thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---
Anthracene, 2-ethyl-	mg/kg	---	---	0.5	---	---	---	---	---	6.6	---
Anthracene, 9-phenyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Anthraquinone, 9,10-	mg/kg	0.2	---	0.5	---	---	---	---	---	11.6	---
Benzaldehyde, 3,5-dichloro-2-hydroxy	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzene, 1,1'-(1,4-butanediyl)bis-	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzene, 1,3-diethenyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(c)carbazole	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo[a]naphthacene	mg/kg	---	---	2.3	---	---	---	---	---	---	---
Benzo[h]cinnoline	mg/kg	0.3	---	---	---	---	---	---	---	---	---
Chol-7-ene, (5.beta.)-	mg/kg	---	---	---	---	---	---	---	---	---	---
Chrysene, 5-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Dehydrocostus lactone	mg/kg	---	---	---	---	---	---	---	---	---	---
Dibenzo[a,e]cyclooctene	mg/kg	---	---	0.5	---	---	---	---	---	---	---
Dodecane, 2-methyl-8-propyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Eicosane	mg/kg	1.2	---	---	---	---	---	---	---	---	---
Heptadecane	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexa-2,4-diyn-1-ylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene 1,2- dimethyl -	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene, 1-(phenylmethyl)-	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene, 1,2-dihydro-6-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene, 2-ethenyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth											
	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
	SHO-SL-S16	SHO-SL-S16	SHO-SL-S17	SHO-SL-S17	SHO-SL-S18	SHO-SL-S18	SHO-SL-S19	SHO-SL-S19	SHO-SL-S20	SHO-SL-S24	
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-919-1-300123	
	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	20 Jan 2023
	Unit										
	9,10[1,2]-Benzenoanthracene, 9,10-dihydro-	---	---	---	---	1.1	---	---	---	---	---
	9,10-Anthracenedione, 2,3-dimethyl-	---	---	---	---	---	---	---	---	---	---
	5,6-Dihydrochrysene	---	---	---	---	---	---	---	---	---	---
6H-Benz[de]anthracen-6-one	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB WHO 12	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	<0.01
Total Phenols	mg/kg	---	---	---	---	---	---	---	---	---	---
Pesticides											
Malathion	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC TIC											
(3S,5R,8S)-3,8-Dimethyl-5-(prop-1-en-2-yl)-2,3,5,6,7,8-hexahydroazulen-1(4H)-one	mg/kg	---	---	---	---	---	---	---	---	---	---
1(2H)-Phenanthrenone, 3,4,9,10-tetrahydro-7-methoxy-	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1'-Binaphthalene	mg/kg	---	---	---	---	0.3	---	---	---	---	---
1,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	3.6
1-Methyl-4-p-tolynaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
1-Methyldibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,6,10,14,18-Pentamethyl-2,6,10,14,18-eicosapentaene	mg/kg	---	---	---	---	---	---	---	---	---	---
3,3-Dimethylbiphenyl	mg/kg	---	---	---	---	---	---	---	---	---	---
6H-Dibenzo[b,d]-pyran	mg/kg	---	---	---	---	---	---	---	---	---	---
9H-Fluorene, 3-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	0.4
9H-Fluorene, 9-(phenylmethylene)-	mg/kg	---	---	---	---	---	---	---	---	---	---
Anthra(2,3-b)thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---
Anthracene, 2-ethyl-	mg/kg	1.8	---	---	---	---	---	---	---	---	---
Anthracene, 9-phenyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Anthraquinone, 9,10-	mg/kg	3.5	---	---	---	---	---	---	---	---	0.6
Benzaldehyde, 3,5-dichloro-2-hydroxy	mg/kg	7.1	---	---	---	---	---	---	---	---	---
Benzene, 1,1'-(1,4-butanediyl)bis-	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzene, 1,3-diethenyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(c)carbazole	mg/kg	---	---	---	---	---	---	---	---	---	0.7
Benzo[a]naphthacene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo[h]cinnoline	mg/kg	---	---	---	---	---	---	---	---	---	---
Chol-7-ene, (5.beta.)-	mg/kg	---	---	---	---	---	---	---	---	---	---
Chrysene, 5-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Dehydrocostus lactone	mg/kg	---	---	---	---	---	---	---	---	---	---
Dibenzo[a,e]cyclooctene	mg/kg	2.9	---	---	---	---	---	---	---	---	---
Dodecane, 2-methyl-8-propyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Eicosane	mg/kg	---	---	0.1	---	---	---	0.4	---	---	---
Heptadecane	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexa-2,4-diyn-1-ylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene 1,2- dimethyl -	mg/kg	---	---	---	---	---	---	---	---	---	0.1
Naphthalene, 1-(phenylmethyl)-	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene, 1,2-dihydro-6-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene, 2-ethenyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-SL-S24	SHO-SL-S25	SHO-SL-S25	SHO-SL-S28	SHO-SL-S28	SHO-SL-S31	SHO-SL-S31	SHO-SL-S34	SHO-SL-S34
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-919-1-300123	23-919-1-300123	23-919-1-300123	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223
Date		20 Jan 2023	20 Jan 2023	20 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023
Depth										
	Unit									
9,10[1,2]-Benzenoanthracene, 9,10-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
9,10-Anthracenedione, 2,3-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
5,6-Dihydrochrysene	mg/kg	---	---	---	---	---	---	---	---	---
6H-Benz[de]anthracen-6-one	mg/kg	---	---	---	---	---	---	---	---	---
PCB										
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---
Total PCB WHO 12	mg/kg	---	---	---	---	---	---	---	---	---
Phenolics										
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	<0.01	---	5.06	---	<0.01	---	<0.01	---
Total Phenols	mg/kg	---	---	---	---	---	---	---	---	---
Pesticides										
Malathion	mg/kg	---	---	---	---	---	0.5	---	---	---
SVOC TIC										
(3S,5R,8S)-3,8-Dimethyl-5-(prop-1-en-2-yl)-2,3,5,6,7,8-hexahydroazulen-1(4H)-one	mg/kg	---	0.4	---	---	---	---	---	---	---
1(2H)-Phenanthrenone, 3,4,9,10-tetrahydro-7-methoxy-	mg/kg	---	---	---	---	---	---	---	---	---
1,1'-Binaphthalene	mg/kg	---	---	---	223.5	---	36.1	---	---	---
1,2'-Binaphthalene	mg/kg	---	---	---	645.7	---	139.9	---	---	---
1-Methyl-4-p-tolynaphthalene	mg/kg	---	---	---	---	---	2.7	---	---	---
1-Methyldibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---
2,2'-Binaphthalene	mg/kg	---	---	---	---	---	7.5	---	---	---
2,6,10,14,18-Pentamethyl-2,6,10,14,18-eicosapentaene	mg/kg	---	---	---	---	---	---	---	1.8	---
3,3-Dimethylbiphenyl	mg/kg	---	---	---	---	---	---	---	---	---
6H-Dibenzo[b,d]-pyran	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluorene, 3-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluorene, 9-(phenylmethylene)-	mg/kg	---	0.9	---	---	---	---	---	---	---
Anthra(2,3-b)thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene, 2-ethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene, 9-phenyl-	mg/kg	---	---	---	---	---	---	---	---	---
Anthraquinone, 9,10-	mg/kg	---	---	---	---	---	---	---	---	---
Benzaldehyde, 3,5-dichloro-2-hydroxy	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1,1'-(1,4-butanediyl)bis-	mg/kg	---	---	---	63	---	---	---	---	---
Benzene, 1,3-diethenyl-	mg/kg	---	---	---	---	---	0.7	---	---	---
Benzo(c)carbazole	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[a]naphthacene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[h]cinnoline	mg/kg	---	---	---	---	---	---	---	---	---
Chol-7-ene, (5.beta.)-	mg/kg	---	---	---	---	---	2.4	---	---	---
Chrysene, 5-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Dehydrocostus lactone	mg/kg	---	---	---	---	---	1.1	---	---	---
Dibenzo[a,e]cyclooctene	mg/kg	---	---	---	---	---	1	---	---	---
Dodecane, 2-methyl-8-propyl-	mg/kg	---	---	---	---	---	---	---	---	---
Eicosane	mg/kg	---	---	---	---	---	---	---	---	---
Heptadecane	mg/kg	---	---	---	---	---	---	---	---	---
Hexa-2,4-diyn-1-ylbenzene	mg/kg	---	---	---	---	---	0.7	---	---	---
Naphthalene 1,2- dimethyl -	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1-(phenylmethyl)-	mg/kg	---	---	---	14.1	---	0.6	---	---	---
Naphthalene, 1,2-dihydro-6-methyl-	mg/kg	---	---	---	14.2	---	---	---	---	---
Naphthalene, 2-ethenyl-	mg/kg	---	---	---	---	---	1.2	---	---	---
Naphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth		GMG		GMG		GMG		GMG		GMG					
		SHO-SL-S40		SHO-SL-S40		SHO-TS1_AUK_TP101-S2		SHO-TS1_AUK_TP102-S2		SHO-TS1_AUK_TP102-S4		SHO-TS1_AUK_TP103-S3		SHO-TS1_AUK_TP104-S2	
		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
		23-1151-1-070223		23-1151-1-070223		106848		106848		106848		106848		106848	
		23 Jan 2023		23 Jan 2023		02 Mar 2022		02 Mar 2022		02 Mar 2022		02 Mar 2022		03 Mar 2022	
				3.5		2.5		4.7		1		1.6			
	Unit														
9,10[1,2]-Benzenoanthracene, 9,10-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9,10-Anthracenedione, 2,3-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5,6-Dihydrochrysene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6H-Benz[de]anthracen-6-one	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PCB															
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	<0.006	<0.006	---	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	<0.006	<0.006	---	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	<0.006	<0.006	---	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	<0.006	<0.006	---	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	<0.006	<0.006	---	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
PCB 118	mg/kg	---	---	<0.006	<0.006	---	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	<0.006	<0.006	---	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	<0.006	<0.006	---	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	<0.006	<0.006	---	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	<0.006	<0.006	---	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	<0.006	<0.006	---	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	<0.006	<0.006	---	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Total PCB WHO 12	mg/kg	---	---	<0.061	<0.061	---	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061
Phenolics															
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	<0.1	3.2	<0.1	3.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenol	mg/kg	<0.01	---	<0.1	0.6	<0.1	0.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Phenols	mg/kg	---	---	<0.5	3.2	<0.5	3.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Pesticides															
Malathion	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SVOC TIC															
(3S,5R,8S)-3,8-Dimethyl-5-(prop-1-en-2-yl)-2,3,5,6,7,8-hexahydroazulen-1(4H)-one	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1(2H)-Phenanthrenone, 3,4,9,10-tetrahydro-7-methoxy-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1-Methyl-4-p-tolylinaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1-Methyldibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,6,10,14,18-Pentamethyl-2,6,10,14,18-eicosapentaene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3,3-Dimethylbiphenyl	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6H-Dibenzo[b,d]-pyran	mg/kg	0.1	---	---	---	---	---	---	---	---	---	---	---	---	---
9H-Fluorene, 3-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9H-Fluorene, 9-(phenylmethylene)-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Anthra(2,3-b)thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Anthracene, 2-ethyl-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Anthracene, 9-phenyl-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Anthraquinone, 9,10-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzaldehyde, 3,5-dichloro-2-hydroxy	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzene, 1,1'-(1,4-butanediyl)bis-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzene, 1,3-diethenyl-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo(c)carbazole	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo[a]naphthacene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo[h]cinnoline	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chol-7-ene, (5.beta.)-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrysene, 5-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dehydrocostus lactone	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibenzo[a,e]cyclooctene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dodecane, 2-methyl-8-propyl-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Eicosane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Heptadecane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hexa-2,4-diyn-1-ylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene 1,2 - dimethyl -	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene, 1-(phenylmethyl)-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene, 1,2-dihydro-6-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene, 2-ethenyl-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	GMG	GMG	GMG	GMG	GMG	GMG	GMG
		SHO-TS1 AUK TP105-S4	SHO-TS1 AUK TP106-S2	SHO-TS1 AUK TP107-S2	SHO-TS1 AUK TP107-S5	SHO-TS1 AUK TP107-S7	SHO-TS1 AUK TP108-S1	SHO-TS1 AUK TP109-S1
		Soil	Soil	Soil	Soil	Soil	Soil	Soil
		106848	106848	106848	106848	106848	106848	106848
		02 Mar 2022	04 Mar 2022	04 Mar 2022	04 Mar 2022	04 Mar 2022	03 Mar 2022	03 Mar 2022
		1	2.5	1	3	4.2	3	3.5
	Unit							
9,10[1,2]-Benzenoanthracene, 9,10-dihydro-	mg/kg	---	---	---	---	---	---	---
9,10-Anthracenedione, 2,3-dimethyl-	mg/kg	---	---	---	---	---	---	---
5,6-Dihydrochrysene	mg/kg	---	---	---	---	---	---	---
6H-Benz[de]anthracen-6-one	mg/kg	---	---	---	---	---	---	---
PCB								
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	<0.006	<0.006	<0.006	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	<0.006	<0.006	<0.006	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	<0.006	<0.006	<0.006	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	<0.006	<0.006	<0.006	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	<0.006	<0.006	<0.006	---	---	---	---
PCB 118	mg/kg	<0.006	<0.006	<0.006	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	<0.006	<0.006	<0.006	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	<0.006	<0.006	<0.006	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	<0.006	<0.006	<0.006	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	<0.006	<0.006	<0.006	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	<0.006	<0.006	<0.006	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	<0.006	<0.006	<0.006	---	---	---	---
Total PCB WHO 12	mg/kg	<0.061	<0.061	<0.061	---	---	---	---
Phenolics								
3/4-Methylphenol (m/p-cresol)	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenol	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Phenols	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Pesticides								
Malathion	mg/kg	---	---	---	---	---	---	---
SVOC TIC								
(3S,5R,8S)-3,8-Dimethyl-5-(prop-1-en-2-yl)-2,3,5,6,7,8-hexahydroazulen-1(4H)-one	mg/kg	---	---	---	---	---	---	---
1(2H)-Phenanthrenone, 3,4,9,10-tetrahydro-7-methoxy-	mg/kg	---	---	---	---	---	---	---
1,1'-Binaphthalene	mg/kg	---	---	---	---	---	---	---
1,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---
1-Methyl-4-p-tolylinaphthalene	mg/kg	---	---	---	---	---	---	---
1-Methyldibenzothiophene	mg/kg	---	---	---	---	---	---	---
2,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---
2,6,10,14,18-Pentamethyl-2,6,10,14,18-eicosapentaene	mg/kg	---	---	---	---	---	---	---
3,3-Dimethylbiphenyl	mg/kg	---	---	---	---	---	---	---
6H-Dibenzo[b,d]-pyran	mg/kg	---	---	---	---	---	---	---
9H-Fluorene, 3-methyl-	mg/kg	---	---	---	---	---	---	---
9H-Fluorene, 9-(phenylmethylene)-	mg/kg	---	---	---	---	---	---	---
Anthra(2,3-b)thiophene	mg/kg	---	---	---	---	---	---	---
Anthracene, 2-ethyl-	mg/kg	---	---	---	---	---	---	---
Anthracene, 9-phenyl-	mg/kg	---	---	---	---	---	---	---
Anthraquinone, 9,10-	mg/kg	---	---	---	---	---	---	---
Benzaldehyde, 3,5-dichloro-2-hydroxy	mg/kg	---	---	---	---	---	---	---
Benzene, 1,1'-(1,4-butanediyl)bis-	mg/kg	---	---	---	---	---	---	---
Benzene, 1,3-diethenyl-	mg/kg	---	---	---	---	---	---	---
Benzo(c)carbazole	mg/kg	---	---	---	---	---	---	---
Benzo[a]naphthacene	mg/kg	---	---	---	---	---	---	---
Benzo[h]cinnoline	mg/kg	---	---	---	---	---	---	---
Chol-7-ene, (5.beta.)-	mg/kg	---	---	---	---	---	---	---
Chrysene, 5-methyl-	mg/kg	---	---	---	---	---	---	---
Dehydrocostus lactone	mg/kg	---	---	---	---	---	---	---
Dibenzo[a,e]cyclooctene	mg/kg	---	---	---	---	---	---	---
Dodecane, 2-methyl-8-propyl-	mg/kg	---	---	---	---	---	---	---
Eicosane	mg/kg	---	---	---	---	---	---	---
Heptadecane	mg/kg	---	---	---	---	---	---	---
Hexa-2,4-diyn-1-ylbenzene	mg/kg	---	---	---	---	---	---	---
Naphthalene 1,2- dimethyl -	mg/kg	---	---	---	---	---	---	---
Naphthalene, 1-(phenylmethyl)-	mg/kg	---	---	---	---	---	---	---
Naphthalene, 1,2-dihydro-6-methyl-	mg/kg	---	---	---	---	---	---	---
Naphthalene, 2-ethenyl-	mg/kg	---	---	---	---	---	---	---
Naphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	GMG	GMG	GMG	GMG	GMG	GMG	GMG
		SHO-TS1 AUK TP110-S1	SHO-TS1 AUK TP111-S1	SHO-TS1 AUK TP111-S3	SHO-TS1 AUK TP112-S1	SHO-TS1 AUK TP113-S1	SHO-TS1 AUK TP114-S1	TLA-SL-S1
		Soil	Soil	Soil	Soil	Soil	Soil	Soil
		106848	106848	106848	106848	106848	106848	23-524-1-260123
		03 Mar 2022	03 Mar 2022	03 Mar 2022	04 Mar 2022	04 Mar 2022	04 Mar 2022	11 Jan 2023
		2.5	4	2.2	1.5	1.5	2	1
	Unit							
9,10[1,2]-Benzenoanthracene, 9,10-dihydro-	mg/kg	---	---	---	---	---	---	---
9,10-Anthracenedione, 2,3-dimethyl-	mg/kg	---	---	---	---	---	---	---
5,6-Dihydrochrysene	mg/kg	---	---	---	---	---	---	---
6H-Benz[de]anthracen-6-one	mg/kg	---	---	---	---	---	---	---
PCB								
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---
Total PCB WHO 12	mg/kg	---	---	---	---	---	---	---
Phenolics								
3/4-Methylphenol (m/p-cresol)	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	---
Phenol	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01
Total Phenols	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
Pesticides								
Malathion	mg/kg	---	---	---	---	---	---	---
SVOC TIC								
(3S,5R,8S)-3,8-Dimethyl-5-(prop-1-en-2-yl)-2,3,5,6,7,8-hexahydroazulen-1(4H)-one	mg/kg	---	---	---	---	---	---	0.428
1(2H)-Phenanthrenone, 3,4,9,10-tetrahydro-7-methoxy-	mg/kg	---	---	---	---	---	---	0.318
1,1'-Binaphthalene	mg/kg	---	---	---	---	---	---	---
1,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---
1-Methyl-4-p-tolylinaphthalene	mg/kg	---	---	---	---	---	---	---
1-Methyldibenzothiophene	mg/kg	---	---	---	---	---	---	---
2,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---
2,6,10,14,18-Pentamethyl-2,6,10,14,18-eicosapentaene	mg/kg	---	---	---	---	---	---	---
3,3-Dimethylbiphenyl	mg/kg	---	---	---	---	---	---	---
6H-Dibenzo[b,d]-pyran	mg/kg	---	---	---	---	---	---	---
9H-Fluorene, 3-methyl-	mg/kg	---	---	---	---	---	---	---
9H-Fluorene, 9-(phenylmethylene)-	mg/kg	---	---	---	---	---	---	---
Anthra(2,3-b)thiophene	mg/kg	---	---	---	---	---	---	---
Anthracene, 2-ethyl-	mg/kg	---	---	---	---	---	---	---
Anthracene, 9-phenyl-	mg/kg	---	---	---	---	---	---	---
Anthraquinone, 9,10-	mg/kg	---	---	---	---	---	---	---
Benzaldehyde, 3,5-dichloro-2-hydroxy	mg/kg	---	---	---	---	---	---	---
Benzene, 1,1'-(1,4-butanediyl)bis-	mg/kg	---	---	---	---	---	---	---
Benzene, 1,3-diethenyl-	mg/kg	---	---	---	---	---	---	---
Benzo(c)carbazole	mg/kg	---	---	---	---	---	---	---
Benzo[a]naphthacene	mg/kg	---	---	---	---	---	---	---
Benzo[h]cinnoline	mg/kg	---	---	---	---	---	---	---
Chol-7-ene, (5.beta.)-	mg/kg	---	---	---	---	---	---	---
Chrysene, 5-methyl-	mg/kg	---	---	---	---	---	---	---
Dehydrocostus lactone	mg/kg	---	---	---	---	---	---	---
Dibenzo[a,e]cyclooctene	mg/kg	---	---	---	---	---	---	---
Dodecane, 2-methyl-8-propyl-	mg/kg	---	---	---	---	---	---	---
Eicosane	mg/kg	---	---	---	---	---	---	0.362
Heptadecane	mg/kg	---	---	---	---	---	---	0.177
Hexa-2,4-diyn-1-ylbenzene	mg/kg	---	---	---	---	---	---	---
Naphthalene 1,2- dimethyl -	mg/kg	---	---	---	---	---	---	---
Naphthalene, 1-(phenylmethyl)-	mg/kg	---	---	---	---	---	---	---
Naphthalene, 1,2-dihydro-6-methyl-	mg/kg	---	---	---	---	---	---	---
Naphthalene, 2-ethenyl-	mg/kg	---	---	---	---	---	---	---
Naphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
		TLA-SL-S1	TLA-SL-S2	TLA-SL-S2	TLA-SL-S4	TLA-SL-S4	TLA-SL-S5	TLA-SL-S5	TLA-SL-S6	TLA-SL-S6	TLA-SL-S7
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-560-1-260123
		11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	12 Jan 2023
	Unit	1	2	2	3	3	3.5	3.5	2	2	1
9,10[1,2]-Benzenoanthracene, 9,10-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---	---
9,10-Anthracenedione, 2,3-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
5,6-Dihydrochrysene	mg/kg	---	---	---	---	---	---	---	---	---	---
6H-Benz[de]anthracen-6-one	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB WHO 12	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
Total Phenols	mg/kg	---	---	---	---	---	---	---	---	---	---
Pesticides											
Malathion	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC TIC											
(3S,5R,8S)-3,8-Dimethyl-5-(prop-1-en-2-yl)-2,3,5,6,7,8-hexahydroazulen-1(4H)-one	mg/kg	---	---	---	0.883	---	0.977	---	---	---	---
1(2H)-Phenanthrenone, 3,4,9,10-tetrahydro-7-methoxy-	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	1.4
1-Methyl-4-p-tolynaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
1-Methyldibenzothiophene	mg/kg	---	---	---	0.257	---	0.385	---	---	---	---
2,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,6,10,14,18-Pentamethyl-2,6,10,14,18-eicosapentaene	mg/kg	---	---	---	---	---	---	---	---	---	---
3,3-Dimethylbiphenyl	mg/kg	---	---	---	---	---	---	---	---	---	---
6H-Dibenzo[b,d]-pyran	mg/kg	---	---	---	---	---	---	---	---	---	---
9H-Fluorene, 3-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
9H-Fluorene, 9-(phenylmethylene)-	mg/kg	---	---	---	---	---	---	---	---	---	---
Anthra(2,3-b)thiophene	mg/kg	---	---	---	0.516	---	---	---	---	---	---
Anthracene, 2-ethyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Anthracene, 9-phenyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Anthraquinone, 9,10-	mg/kg	---	---	---	0.411	---	1.09	---	0.233	---	---
Benzaldehyde, 3,5-dichloro-2-hydroxy	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzene, 1,1'-(1,4-butanediyl)bis-	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzene, 1,3-diethenyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(c)carbazole	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo[a]naphthacene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo[h]cinnoline	mg/kg	---	---	---	---	---	---	---	---	---	---
Chol-7-ene, (5.beta.)-	mg/kg	---	---	---	---	---	---	---	---	---	---
Chrysene, 5-methyl-	mg/kg	---	---	---	0.292	---	---	---	---	---	---
Dehydrocostus lactone	mg/kg	---	---	---	---	---	---	---	---	---	---
Dibenzo[a,e]cyclooctene	mg/kg	---	---	---	---	---	---	---	---	---	---
Dodecane, 2-methyl-8-propyl-	mg/kg	---	---	---	0.148	---	---	---	---	---	---
Eicosane	mg/kg	---	0.335	---	0.268	---	---	---	---	---	0.3
Heptadecane	mg/kg	---	0.33	---	0.123	---	---	---	---	---	---
Hexa-2,4-diyn-1-ylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene 1,2- dimethyl -	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene, 1-(phenylmethyl)-	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene, 1,2-dihydro-6-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene, 2-ethenyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphtho[1,2-b]thiophene	mg/kg	---	---	---	0.481	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		TLA-SL-S7	TLA-SL-S8	TLA-SL-S8	TLA-SL-S9	TLA-SL-S10	TLA-SL-S10	TLA-SL-S11	TLA-SL-S11	TLA-SL-S12	TLA-SL-S12
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123
Date		12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023
Depth		1	3.5	3.5	2	3	3	1	1	3	3
	Unit										
9,10[1,2]-Benzenoanthracene, 9,10-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---	---
9,10-Anthracenedione, 2,3-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
5,6-Dihydrochrysene	mg/kg	---	---	---	---	---	---	---	---	---	---
6H-Benz[de]anthracen-6-one	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB											
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---	---	---	---	---	---
Total PCB WHO 12	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenolics											
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenol	mg/kg	---	<0.01	---	<0.01	<0.01	---	<0.01	---	<0.01	---
Total Phenols	mg/kg	---	---	---	---	---	---	---	---	---	---
Pesticides											
Malathion	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC TIC											
(3S,5R,8S)-3,8-Dimethyl-5-(prop-1-en-2-yl)-2,3,5,6,7,8-hexahydroazulen-1(4H)-one	mg/kg	---	---	---	---	---	---	---	---	---	---
1(2H)-Phenanthrenone, 3,4,9,10-tetrahydro-7-methoxy-	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1'-Binaphthalene	mg/kg	---	0.4	---	---	---	---	---	---	---	---
1,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	0.5	---	---	---
1-Methyl-4-p-tolynaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
1-Methyldibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,2'-Binaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,6,10,14,18-Pentamethyl-2,6,10,14,18-eicosapentaene	mg/kg	---	---	---	---	---	---	---	---	---	---
3,3-Dimethylbiphenyl	mg/kg	---	---	---	---	---	---	---	---	---	---
6H-Dibenzo[b,d]-pyran	mg/kg	---	---	---	---	---	---	---	---	---	---
9H-Fluorene, 3-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
9H-Fluorene, 9-(phenylmethylene)-	mg/kg	---	---	---	---	---	---	---	---	---	---
Anthra(2,3-b)thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---
Anthracene, 2-ethyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Anthracene, 9-phenyl-	mg/kg	---	---	---	---	---	---	0.3	---	---	---
Anthraquinone, 9,10-	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzaldehyde, 3,5-dichloro-2-hydroxy	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzene, 1,1'-(1,4-butanediyl)bis-	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzene, 1,3-diethenyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(c)carbazole	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo[a]naphthacene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo[h]cinnoline	mg/kg	---	---	---	---	---	---	---	---	---	---
Chol-7-ene, (5.beta.)-	mg/kg	---	---	---	---	---	---	---	---	---	---
Chrysene, 5-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Dehydrocostus lactone	mg/kg	---	---	---	---	---	---	---	---	---	---
Dibenzo[a,e]cyclooctene	mg/kg	---	---	---	---	---	---	---	---	---	---
Dodecane, 2-methyl-8-propyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Eicosane	mg/kg	---	---	---	0.3	---	---	0.3	---	---	---
Heptadecane	mg/kg	---	---	---	---	---	---	0.1	---	---	---
Hexa-2,4-diyn-1-ylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene 1,2- dimethyl -	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene, 1-(phenylmethyl)-	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene, 1,2-dihydro-6-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene, 2-ethenyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	TFD (re-worked)	TFD (re-worked)	TFD (re-worked)
Location Code		TLA-SL-S13	TLA-SL-S13	SHO-EF-43-S3	SHO-TS1_AUK_TP105-S3	SHO-TS1_AUK_TP106-S5
Matrix Type		Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-560-1-260123	23-560-1-260123	23-3837-12-160523	106848	106848
Date		12 Jan 2023	12 Jan 2023	28 Apr 2023	02 Mar 2022	04 Mar 2022
Depth		2	2	3	4	4
	Unit					
9,10[1,2]-Benzenoanthracene, 9,10-dihydro-	mg/kg	---	---	---	---	---
9,10-Anthracenedione, 2,3-dimethyl-	mg/kg	---	---	---	---	---
5,6-Dihydrochrysene	mg/kg	---	---	---	---	---
6H-Benz[de]anthracen-6-one	mg/kg	---	---	---	---	---
PCB						
Heptachlorobiphenyl, 2,3,3,4,4,5,5- (PCB 189)	mg/kg	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 156)	mg/kg	---	---	---	---	---
Hexachlorobiphenyl, 2,3,3,4,4,5- (PCB 157)	mg/kg	---	---	---	---	---
Hexachlorobiphenyl, 2,3,4,4,5,5- (PCB 167)	mg/kg	---	---	---	---	---
Hexachlorobiphenyl, 3,3,4,4,5,5- (PCB 169)	mg/kg	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---
Pentachlorobiphenyl, 2,3,3,4,4- (PCB 105)	mg/kg	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 114)	mg/kg	---	---	---	---	---
Pentachlorobiphenyl, 2,3,4,4,5- (PCB 123)	mg/kg	---	---	---	---	---
Pentachlorobiphenyl, 3,3,4,4,5- (PCB 126)	mg/kg	---	---	---	---	---
Tetrachlorobiphenyl, 3,3,4,4- (PCB 77)	mg/kg	---	---	---	---	---
Tetrachlorobiphenyl, 3,4,4,5- (PCB 81)	mg/kg	---	---	---	---	---
Total PCB WHO 12	mg/kg	---	---	---	---	---
Phenolics						
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	---	<0.1	<0.1
Phenol	mg/kg	<0.01	---	---	<0.1	<0.1
Total Phenols	mg/kg	---	---	---	<0.5	<0.5
Pesticides						
Malathion	mg/kg	---	---	---	---	---
SVOC TIC						
(3S,5R,8S)-3,8-Dimethyl-5-(prop-1-en-2-yl)-2,3,5,6,7,8-hexahydroazulen-1(4H)-one	mg/kg	---	---	---	---	---
1(2H)-Phenanthrenone, 3,4,9,10-tetrahydro-7-methoxy-	mg/kg	---	---	---	---	---
1,1'-Binaphthalene	mg/kg	---	---	---	---	---
1,2'-Binaphthalene	mg/kg	---	---	---	---	---
1-Methyl-4-p-tolyl-naphthalene	mg/kg	---	---	---	---	---
1-Methyldibenzothiophene	mg/kg	---	---	---	---	---
2,2'-Binaphthalene	mg/kg	---	---	---	---	---
2,6,10,14,18-Pentamethyl-2,6,10,14,18-eicosapentaene	mg/kg	---	---	---	---	---
3,3-Dimethylbiphenyl	mg/kg	---	---	---	---	---
6H-Dibenzo[b,d]-pyran	mg/kg	---	---	---	---	---
9H-Fluorene, 3-methyl-	mg/kg	---	---	---	---	---
9H-Fluorene, 9-(phenylmethylene)-	mg/kg	---	---	---	---	---
Anthra(2,3-b)thiophene	mg/kg	---	---	---	---	---
Anthracene, 2-ethyl-	mg/kg	---	---	---	---	---
Anthracene, 9-phenyl-	mg/kg	---	---	---	---	---
Anthraquinone, 9,10-	mg/kg	---	---	---	---	---
Benzaldehyde, 3,5-dichloro-2-hydroxy	mg/kg	---	---	---	---	---
Benzene, 1,1'-(1,4-butanediyl)bis-	mg/kg	---	---	---	---	---
Benzene, 1,3-diethenyl-	mg/kg	---	---	---	---	---
Benzo(c)carbazole	mg/kg	---	---	---	---	---
Benzo[a]naphthacene	mg/kg	---	---	---	---	---
Benzo[h]cinnoline	mg/kg	---	---	---	---	---
Chol-7-ene, (5.beta.)-	mg/kg	---	---	---	---	---
Chrysene, 5-methyl-	mg/kg	---	---	---	---	---
Dehydrocostus lactone	mg/kg	---	---	---	---	---
Dibenzo[a,e]cyclooctene	mg/kg	---	---	---	---	---
Dodecane, 2-methyl-8-propyl-	mg/kg	---	---	---	---	---
Eicosane	mg/kg	---	---	---	---	---
Heptadecane	mg/kg	---	---	---	---	---
Hexa-2,4-diyn-1-ylbenzene	mg/kg	---	---	---	---	---
Naphthalene 1,2- dimethyl -	mg/kg	---	---	---	---	---
Naphthalene, 1-(phenylmethyl)-	mg/kg	---	---	---	---	---
Naphthalene, 1,2-dihydro-6-methyl-	mg/kg	---	---	---	---	---
Naphthalene, 2-ethenyl-	mg/kg	---	---	---	---	---
Naphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---

Matrix Description		CMG	CMG	CMG	CMG	CMG	CMG	CMG	CMG	CMG
Location Code		SHO-DY-48-S1	SHO-DZ-48-S1	SHO-ED-41-S3	SHO-ED-51-S4	SHO-ED-51-S4	SHO-EF-42-S2	SHO-EF-44-S2	SHO-EF-49-S2	SHO-SL-S2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-2-290323	23-3460-1-150323	23-3837-3-040423	23-3837-1-170323	23-3837-1-170323	23-3837-4-120423	23-3837-3-040423	23-3837-1-170323	23-560-1-260123
Date		21 Mar 2023	01 Mar 2023	22 Mar 2023	07 Mar 2023	07 Mar 2023	29 Mar 2023	23 Mar 2023	08 Mar 2023	13 Jan 2023
Depth		1.5	1.5	4.5	4	4	3	3	2.5	4.5
	Unit									
Naphtho[2,3-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Octadecane	mg/kg	---	---	---	---	---	---	---	---	---
Tetracosane	mg/kg	---	---	---	---	---	---	---	---	---
Tetradecane	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
3,4-dihydrocyclopenta(cd)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
3-Aminopyrene	mg/kg	---	---	---	---	---	---	---	---	---
Anthrone	mg/kg	---	---	---	---	---	---	---	---	---
Cyclopenta(def)phenanthrenone	mg/kg	---	---	---	---	---	---	---	---	---
(Z)-13-Docosenamide	mg/kg	---	---	---	---	---	---	---	---	---
1,4-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
Anthra(1,2-b)thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1,5-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1,2,3,4-tetramethyl-	mg/kg	---	---	---	---	---	---	---	---	---
[2.2]Paracyclonaphthane	mg/kg	---	---	---	---	---	---	---	---	---
1,2,9,10-Dibenzopyrene	mg/kg	---	---	---	---	---	---	---	---	---
Pentadecane	mg/kg	---	---	---	---	---	---	---	---	---
Pentadecane, 2,6,10,14-tetramethyl-	mg/kg	---	---	---	---	---	---	---	---	---
1,3-Diphenylbutane	mg/kg	---	---	---	---	---	---	---	---	---
1,4,5,8-Tetramethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,4,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo(b)fluorene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo[a]fluoren-11-one	mg/kg	---	---	---	---	---	---	---	---	---
1,6,7-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-ethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1H-Cyclopropa[l]phenanthrene, 1a,9b-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylchrysene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylpyrene	mg/kg	---	---	---	---	---	---	---	---	---
2,3,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-phenylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,4,6-Cycloheptatrien-1-one, 2-phenyl-	mg/kg	---	---	---	---	---	---	---	---	---
2,6,10,14-tetramethylhexadecane	mg/kg	---	---	---	---	---	---	---	---	---
2-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
2-phenylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-Phenyltoluene	mg/kg	---	---	---	---	---	---	---	---	---
2,5-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
3-(2-Naphthyl)acrylaldehyde	mg/kg	---	---	---	---	---	---	---	---	---
2,7-Dimethyldibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---
2,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
3,6-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
4-Azapyrene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylchrysene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylfluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
4H-Cyclopenta(def)phenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
4-methyldibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---
4-Methylnaphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
4H-Benz[de]anthracene, 5,6-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
4-Methylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
7H-Benz[de]anthracen-7-one	mg/kg	---	---	---	---	---	---	---	---	---
7-methylbenz[a]anthracene	mg/kg	---	---	---	---	---	---	---	---	---
9,10-Anthracenedione, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-one	mg/kg	---	---	---	---	---	---	---	---	---
9-Octadecenamide, (Z)-	mg/kg	---	---	---	---	---	---	---	---	---
9-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-ol	mg/kg	---	---	---	---	---	---	---	---	---
9H-Cyclopenta[a]pyrene	mg/kg	---	---	---	---	---	---	---	---	---
3-methylbenz(j)aceanthrylene	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-4-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-methyl-4-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(b)naphtho(2,3-d)furan	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-propynyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1,1-(1,3-propanediyl)bis-	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[1,2-d]furan	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,1-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,3-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]triphenylene	mg/kg	---	---	---	---	---	---	---	---	---
Benzocycloheptatriene	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description		CMG	CMG	CMG	CMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-SL-S21	SHO-SL-S37	SHO-SL-S37	TLA-SL-S3	SHO-DY-46-S3	SHO-DY-48-S2	SHO-DY-48-S3	SHO-DZ-45-S1	SHO-DZ-45-S4
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-919-1-300123	23-1151-1-070223	23-1151-1-070223	23-524-1-260123	23-3837-1-170323	23-3837-2-290323	23-3837-2-290323	23-3837-1-170323	23-3837-9-050523
Date		20 Jan 2023	23 Jan 2023	23 Jan 2023	11 Jan 2023	08 Mar 2023	21 Mar 2023	21 Mar 2023	08 Mar 2023	19 Apr 2023
Depth					3	4.5	3	4.5	1.5	3
	Unit									
Naphtho[2,3-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Octadecane	mg/kg	---	---	---	---	---	---	---	---	---
Tetracosane	mg/kg	---	---	---	---	---	---	---	---	---
Tetradecane	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
3,4-dihydrocyclopenta(cd)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
3-Aminopyrene	mg/kg	---	---	---	---	---	---	---	---	---
Anthrone	mg/kg	---	---	---	---	---	---	---	---	---
Cyclopenta(def)phenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
(Z)-13-Docosenamide	mg/kg	---	---	---	---	---	---	---	---	---
1,4-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
Anthra(1,2-b)thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1,5-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1,2,3,4-tetramethyl-	mg/kg	---	---	---	---	---	---	---	---	---
[2.2]Paracyclonaphthane	mg/kg	---	---	---	---	---	---	---	---	---
1,2,9,10-Dibenzopyrene	mg/kg	---	---	---	---	---	---	---	---	---
Pentadecane	mg/kg	---	---	---	---	---	---	---	---	---
Pentadecane, 2,6,10,14-tetramethyl-	mg/kg	---	---	---	---	---	---	---	---	---
1,3-Diphenylbutane	mg/kg	---	---	---	---	---	---	---	---	---
1,4,5,8-Tetramethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,4,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo(b)fluorene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo[a]fluoren-11-one	mg/kg	---	---	---	---	---	---	---	---	---
1,6,7-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-ethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1H-Cyclopropa[l]phenanthrene, 1a,9b-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylchrysene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylpyrene	mg/kg	---	---	---	---	---	---	---	---	---
2,3,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-phenylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,4,6-Cycloheptatrien-1-one, 2-phenyl-	mg/kg	---	---	---	---	---	---	---	---	---
2,6,10,14-tetramethylhexadecane	mg/kg	---	---	---	---	---	---	---	---	---
2-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
2-phenylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-Phenyltoluene	mg/kg	---	---	---	---	---	---	---	---	---
2,5-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
3-(2-Naphthyl)acrylaldehyde	mg/kg	---	---	---	---	---	---	---	---	---
2,7-Dimethyldibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---
2,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
3,6-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
4-Azapyrene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylchrysene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylfluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
4H-Cyclopenta(def)phenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
4-methyldibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---
4-Methylnaphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
4H-Benz[de]anthracene, 5,6-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
4-Methylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
7H-Benz[de]anthracen-7-one	mg/kg	---	---	---	---	---	---	---	---	---
7-methylbenz[a]anthracene	mg/kg	---	---	---	---	---	---	---	---	---
9,10-Anthracenedione, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-one	mg/kg	---	---	---	---	---	---	---	---	---
9-Octadecenamide, (Z)-	mg/kg	---	---	---	---	---	---	---	---	---
9-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-ol	mg/kg	---	---	---	---	---	---	---	---	---
9H-Cyclopenta[a]pyrene	mg/kg	---	---	---	---	---	---	---	---	---
3-methylbenz(j)aceanthrylene	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-4-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-methyl-4-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(b)naphtho[2,3-d]furan	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-propynyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1,1-(1,3-propanediyl)bis-	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[1,2-d]furan	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,1-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,3-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]triphenylene	mg/kg	---	---	---	---	---	---	---	---	---
Benzocycloheptatriene	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth		GMG		GMG		GMG		GMG		GMG		GMG		GMG					
		SHO-DZ-45-S5		SHO-DZ-45-S6		SHO-DZ-45-S7		SHO-DZ-45-S8		SHO-DZ-45-S9		SHO-DZ-46-S1		SHO-DZ-46-S2		SHO-DZ-49-S1		SHO-EA-44-S1	
		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
		23-3837-9-050523		23-3837-9-050523		23-3837-9-050523		23-3837-9-050523		23-3837-9-050523		23-3837-2-290323		23-3837-2-290323		23-3460-1-150323		23-3837-2-290323	
19 Apr 2023		19 Apr 2023		19 Apr 2023		19 Apr 2023		19 Apr 2023		19 Apr 2023		21 Mar 2023		21 Mar 2023		01 Mar 2023		22 Mar 2023	
2.5		2.5		2.5		2.5				1.5		3		1.5		1.5			
	Unit																		
Naphtho[2,3-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Octadecane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetracosane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetradecane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3,4-dihydrocyclopenta(cd)pyrene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3-Aminopyrene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Anthrone	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cyclopenta(def)phenanthrenone	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Z)-13-Docosenamide	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Anthra(1,2-b)thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene, 1-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene, 1,5-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene, 1,2,3,4-tetramethyl-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
[2.2]Paracyclonaphthane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,9,10-Dibenzopyrene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Pentadecane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Pentadecane, 2,6,10,14-tetramethyl-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-Diphenylbutane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4,5,8-Tetramethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11H-Benzo(b)fluorene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11H-Benzo[a]fluoren-11-one	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,6,7-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1-ethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1H-Cyclopropa[l]phenanthrene, 1a,9b-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1-Methylchrysene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1-Methylpyrene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,3,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1-phenylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,4,6-Cycloheptatrien-1-one, 2-phenyl-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,6,10,14-tetramethylhexadecane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-phenylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-Phenyltoluene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,5-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3-(2-Naphthyl)acrylaldehyde	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,7-Dimethyldibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3,6-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-Azapyrene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-methylchrysene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-methylfluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4H-Cyclopenta(def)phenanthrene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-methyldibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-Methylnaphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4H-Benz[de]anthracene, 5,6-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-Methylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7H-Benz[de]anthracen-7-one	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7-methylbenz[a]anthracene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9,10-Anthracenedione, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-one	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9-Octadecenamide, (Z)-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-ol	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9H-Cyclopenta[a]pyrene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3-methylbenz(j)aceanthrylene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-4-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzene, 1-methyl-4-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo(b)naphtho(2,3-d)furan	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzene, 1-propynyl-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzene, 1,1-(1,3-propanediyl)bis-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[1,2-d]furan	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,1-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,3-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzo[b]triphenylene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzocycloheptatriene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-EA-44-S8	SHO-EA-46-S1	SHO-EA-46-S2	SHO-EA-47-S2	SHO-EA-49-S1	SHO-EA-49-S2	SHO-EA-50-S3	SHO-EA-43-S1	SHO-EB-45-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-6-210423	23-3460-1-150323	23-3460-1-150323	23-3460-1-150323	23-3460-1-150323	23-3460-1-150323	23-3460-1-150323	23-3837-3-040423	23-3837-1-170323
Date		13 Apr 2023	03 Mar 2023	03 Mar 2023	01 Mar 2023	02 Mar 2023	02 Mar 2023	02 Mar 2023	23 Mar 2023	06 Mar 2023
Depth		4.5	1.5	3	3	1.5	3	4.5	1.5	1.5
	Unit									
Naphtho[2,3-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Octadecane	mg/kg	---	---	---	---	---	---	---	---	---
Tetracosane	mg/kg	---	---	---	---	---	---	---	---	---
Tetradecane	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
3,4-dihydrocyclopenta(cd)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
3-Aminopyrene	mg/kg	---	---	---	---	---	---	---	---	---
Anthrone	mg/kg	---	---	---	---	---	---	---	---	---
Cyclopenta(def)phenanthrenone	mg/kg	---	---	---	---	---	---	---	---	---
(Z)-13-Docosenamide	mg/kg	---	---	---	---	---	---	---	---	---
1,4-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
Anthra(1,2-b)thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1,5-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1,2,3,4-tetramethyl-	mg/kg	---	---	---	---	---	---	---	---	---
[2.2]Paracyclonaphthane	mg/kg	---	---	---	---	---	---	---	---	---
1,2,9,10-Dibenzopyrene	mg/kg	---	---	---	---	---	---	---	---	---
Pentadecane	mg/kg	---	---	---	---	---	---	---	---	---
Pentadecane, 2,6,10,14-tetramethyl-	mg/kg	---	---	---	---	---	---	---	---	---
1,3-Diphenylbutane	mg/kg	---	---	---	---	---	---	---	---	---
1,4,5,8-Tetramethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,4,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo(b)fluorene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo[a]fluoren-11-one	mg/kg	---	---	---	---	---	---	---	---	---
1,6,7-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-ethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1H-Cyclopropa[l]phenanthrene, 1a,9b-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylchrysene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylpyrene	mg/kg	---	---	---	---	---	---	---	---	---
2,3,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-phenylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,4,6-Cycloheptatrien-1-one, 2-phenyl-	mg/kg	---	---	---	---	---	---	---	---	---
2,6,10,14-tetramethylhexadecane	mg/kg	---	---	---	---	---	---	---	---	---
2-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
2-phenylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-Phenyltoluene	mg/kg	---	---	---	---	---	---	---	---	---
2,5-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
3-(2-Naphthyl)acrylaldehyde	mg/kg	---	---	---	---	---	---	---	---	---
2,7-Dimethyldibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---
2,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
3,6-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
4-Azapyrene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylchrysene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylfluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
4H-Cyclopenta(def)phenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
4-methyldibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---
4-Methylnaphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
4H-Benz[de]anthracene, 5,6-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
4-Methylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
7H-Benz[de]anthracen-7-one	mg/kg	---	---	---	---	---	---	---	---	---
7-methylbenz[a]anthracene	mg/kg	---	---	---	---	---	---	---	---	---
9,10-Anthracenedione, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-one	mg/kg	---	---	---	---	---	---	---	---	---
9-Octadecenamide, (Z)-	mg/kg	---	---	---	---	---	---	---	---	---
9-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-ol	mg/kg	---	---	---	---	---	---	---	---	---
9H-Cyclopenta[a]pyrene	mg/kg	---	---	---	---	---	---	---	---	---
3-methylbenz[j]aceanthrylene	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-4-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-methyl-4-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(b)naphtho[2,3-d]furan	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-propynyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1,1-(1,3-propanediyl)bis-	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[1,2-d]furan	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,1-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,3-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]triphenylene	mg/kg	---	---	---	---	---	---	---	---	---
Benzocycloheptatriene	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-EB-45-S2	SHO-EB-46-S1	SHO-EB-46-S2	SHO-EB-49-S3	SHO-EB-50-S2	SHO-EC-42-S2	SHO-EC-45-S1	SHO-EC-46-S1	SHO-EC-49-S3
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-1-170323	23-3460-1-150323	23-3460-1-150323	23-3837-14-230523	23-3837-14-230523	23-3837-3-040423	23-3837-1-170323	23-3460-1-150323	23-3837-14-230523
Date		06 Mar 2023	03 Mar 2023	03 Mar 2023	11 May 2023	11 May 2023	23 Mar 2023	06 Mar 2023	03 Mar 2023	11 May 2023
Depth		3	1.5	3	4.5	3	3	1.5	0.5	4.5
	Unit									
Naphtho[2,3-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Octadecane	mg/kg	---	---	---	---	---	---	---	---	---
Tetracosane	mg/kg	---	---	---	---	---	---	---	---	---
Tetradecane	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
3,4-dihydrocyclopenta(cd)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
3-Aminopyrene	mg/kg	---	---	---	---	---	---	---	---	---
Anthrone	mg/kg	---	---	---	---	---	---	---	---	---
Cyclopenta(def)phenanthrenone	mg/kg	---	---	---	---	---	---	---	---	---
(Z)-13-Docosenamide	mg/kg	---	---	---	---	---	---	---	---	---
1,4-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
Anthra(1,2-b)thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1,5-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1,2,3,4-tetramethyl-	mg/kg	---	---	---	---	---	---	---	---	---
[2.2]Paracyclonaphthane	mg/kg	---	---	---	---	---	---	---	---	---
1,2,9,10-Dibenzopyrene	mg/kg	---	---	---	---	---	---	---	---	---
Pentadecane	mg/kg	---	---	---	---	---	---	---	---	---
Pentadecane, 2,6,10,14-tetramethyl-	mg/kg	---	---	---	---	---	---	---	---	---
1,3-Diphenylbutane	mg/kg	---	---	---	---	---	---	---	---	---
1,4,5,8-Tetramethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,4,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo(b)fluorene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo[a]fluoren-11-one	mg/kg	---	---	---	---	---	---	---	---	---
1,6,7-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-ethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1H-Cyclopropa[l]phenanthrene, 1a,9b-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylchrysene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylpyrene	mg/kg	---	---	---	---	---	---	---	---	---
2,3,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-phenylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,4,6-Cycloheptatrien-1-one, 2-phenyl-	mg/kg	---	---	---	---	---	---	---	---	---
2,6,10,14-tetramethylhexadecane	mg/kg	---	---	---	---	---	---	---	---	---
2-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
2-phenylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-Phenyltoluene	mg/kg	---	---	---	---	---	---	---	---	---
2,5-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
3-(2-Naphthyl)acrylaldehyde	mg/kg	---	---	---	---	---	---	---	---	---
2,7-Dimethyldibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---
2,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
3,6-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
4-Azapyrene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylchrysene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylfluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
4H-Cyclopenta(def)phenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
4-methyldibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---
4-Methylnaphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
4H-Benz[de]anthracene, 5,6-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
4-Methylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
7H-Benz[de]anthracen-7-one	mg/kg	---	---	---	---	---	---	---	---	---
7-methylbenz[a]anthracene	mg/kg	---	---	---	---	---	---	---	---	---
9,10-Anthracenedione, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-one	mg/kg	---	---	---	---	---	---	---	---	---
9-Octadecenamide, (Z)-	mg/kg	---	---	---	---	---	---	---	---	---
9-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-ol	mg/kg	---	---	---	---	---	---	---	---	---
9H-Cyclopenta[a]pyrene	mg/kg	---	---	---	---	---	---	---	---	---
3-methylbenz[j]aceanthrylene	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-4-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-methyl-4-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(b)naphtho[2,3-d]furan	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-propynyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1,1-(1,3-propanediyl)bis-	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[1,2-d]furan	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,1-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,3-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]triphenylene	mg/kg	---	---	---	---	---	---	---	---	---
Benzocycloheptatriene	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-EC-51-S1	SHO-ED-42-S2	SHO-ED-42-S3	SHO-ED-43-S2	SHO-ED-45-S2	SHO-ED-47-S2	SHO-ED-48-S2	SHO-ED-49-S1	SHO-ED-49-S2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-1-170323	23-3837-3-040423	23-3837-3-040423	23-3837-2-290323	23-3837-1-170323	23-3837-4-120423	23-3837-4-120423	23-3837-14-230523	23-3837-14-230523
Date		06 Mar 2023	22 Mar 2023	22 Mar 2023	22 Mar 2023	06 Mar 2023	30 Mar 2023	30 Mar 2023	11 May 2023	11 May 2023
Depth		1.5	3	4.5	3	3	1.5	1.5	1.5	3
	Unit									
Naphtho[2,3-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Octadecane	mg/kg	---	---	---	---	---	---	---	---	---
Tetracosane	mg/kg	---	---	---	---	---	---	---	---	---
Tetradecane	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
3,4-dihydrocyclopenta(cd)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
3-Aminopyrene	mg/kg	---	---	---	---	---	---	---	---	---
Anthrone	mg/kg	---	---	---	---	---	---	---	---	---
Cyclopenta(def)phenanthrenone	mg/kg	---	---	---	---	---	---	---	---	---
(Z)-13-Docosenamide	mg/kg	---	---	---	---	---	---	---	---	---
1,4-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
Anthra(1,2-b)thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1,5-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1,2,3,4-tetramethyl-	mg/kg	---	---	---	---	---	---	---	---	---
[2.2]Paracyclonaphthane	mg/kg	---	---	---	---	---	---	---	---	---
1,2,9,10-Dibenzopyrene	mg/kg	---	---	---	---	---	---	---	---	---
Pentadecane	mg/kg	---	---	---	---	---	---	---	---	---
Pentadecane, 2,6,10,14-tetramethyl-	mg/kg	---	---	---	---	---	---	---	---	---
1,3-Diphenylbutane	mg/kg	---	---	---	---	---	---	---	---	---
1,4,5,8-Tetramethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,4,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo(b)fluorene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo[a]fluoren-11-one	mg/kg	---	---	---	---	---	---	---	---	---
1,6,7-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-ethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1H-Cyclopropa[l]phenanthrene, 1a,9b-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylchrysene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylpyrene	mg/kg	---	---	---	---	---	---	---	---	---
2,3,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-phenylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,4,6-Cycloheptatrien-1-one, 2-phenyl-	mg/kg	---	---	---	---	---	---	---	---	---
2,6,10,14-tetramethylhexadecane	mg/kg	---	---	---	---	---	---	---	---	---
2-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
2-phenylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-Phenyltoluene	mg/kg	---	---	---	---	---	---	---	---	---
2,5-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
3-(2-Naphthyl)acrylaldehyde	mg/kg	---	---	---	---	---	---	---	---	---
2,7-Dimethyldibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---
2,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
3,6-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
4-Azapyrene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylchrysene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylfluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
4H-Cyclopenta(def)phenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
4-methyldibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---
4-Methylnaphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
4H-Benz[de]anthracene, 5,6-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
4-Methylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
7H-Benz[de]anthracen-7-one	mg/kg	---	---	---	---	---	---	---	---	---
7-methylbenz[a]anthracene	mg/kg	---	---	---	---	---	---	---	---	---
9,10-Anthracenedione, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-one	mg/kg	---	---	---	---	---	---	---	---	---
9-Octadecenamide, (Z)-	mg/kg	---	---	---	---	---	---	---	---	---
9-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-ol	mg/kg	---	---	---	---	---	---	---	---	---
9H-Cyclopenta[a]pyrene	mg/kg	---	---	---	---	---	---	---	---	---
3-methylbenz[j]aceanthrylene	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-4-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-methyl-4-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(b)naphtho[2,3-d]furan	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-propynyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1,1-(1,3-propanediyl)bis-	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[1,2-d]furan	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,1-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,3-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]triphenylene	mg/kg	---	---	---	---	---	---	---	---	---
Benzocycloheptatriene	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-ED-49-S3	SHO-EE-50-S3	SHO-EE-45-S2	SHO-ED-45-S3	SHO-EE-42-S3	SHO-EE-45-S3	SHO-EF-46-S3	SHO-EF-49-S1	SHO-EG-43-S2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-14-230523	23-3837-1-170323	23-3837-5-180423	23-3837-5-180423	23-3837-4-120423	23-3837-4-120423	23-3837-4-120423	23-3837-1-170323	23-3837-5-180423
Date		11 May 2023	07 Mar 2023	05 Apr 2023	05 Apr 2023	29 Mar 2023	30 Mar 2023	30 Mar 2023	09 Mar 2023	04 Apr 2023
Depth		4.5	4.5	3	4.5	4.5	3	3	1.5	3
	Unit									
Naphtho[2,3-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Octadecane	mg/kg	---	---	---	---	---	---	---	---	---
Tetracosane	mg/kg	---	---	---	---	---	---	---	---	---
Tetradecane	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
3,4-dihydrocyclopenta(cd)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
3-Aminopyrene	mg/kg	---	---	---	---	---	---	---	---	---
Anthrone	mg/kg	---	---	---	---	---	---	---	---	---
Cyclopenta(def)phenanthrenone	mg/kg	---	---	---	---	---	---	---	---	---
(Z)-13-Docosenamide	mg/kg	---	---	---	---	---	---	---	---	---
1,4-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
Anthra(1,2-b)thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1,5-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1,2,3,4-tetramethyl-	mg/kg	---	---	---	---	---	---	---	---	---
[2.2]Paracyclonaphthane	mg/kg	---	---	---	---	---	---	---	---	---
1,2,9,10-Dibenzopyrene	mg/kg	---	---	---	---	---	---	---	---	---
Pentadecane	mg/kg	---	---	---	---	---	---	---	---	---
Pentadecane, 2,6,10,14-tetramethyl-	mg/kg	---	---	---	---	---	---	---	---	---
1,3-Diphenylbutane	mg/kg	---	---	---	---	---	---	---	---	---
1,4,5,8-Tetramethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,4,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo(b)fluorene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo[a]fluoren-11-one	mg/kg	---	---	---	---	---	---	---	---	---
1,6,7-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-ethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1H-Cyclopropa[l]phenanthrene, 1a,9b-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylchrysene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylpyrene	mg/kg	---	---	---	---	---	---	---	---	---
2,3,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-phenylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,4,6-Cycloheptatrien-1-one, 2-phenyl-	mg/kg	---	---	---	---	---	---	---	---	---
2,6,10,14-tetramethylhexadecane	mg/kg	---	---	---	---	---	---	---	---	---
2-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
2-phenylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-Phenyltoluene	mg/kg	---	---	---	---	---	---	---	---	---
2,5-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
3-(2-Naphthyl)acrylaldehyde	mg/kg	---	---	---	---	---	---	---	---	---
2,7-Dimethyldibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---
2,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
3,6-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
4-Azapyrene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylchrysene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylfluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
4H-Cyclopenta(def)phenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
4-methyldibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---
4-Methylnaphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
4H-Benz[de]anthracene, 5,6-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
4-Methylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
7H-Benz[de]anthracen-7-one	mg/kg	---	---	---	---	---	---	---	---	---
7-methylbenz[a]anthracene	mg/kg	---	---	---	---	---	---	---	---	---
9,10-Anthracenedione, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-one	mg/kg	---	---	---	---	---	---	---	---	---
9-Octadecenamide, (Z)-	mg/kg	---	---	---	---	---	---	---	---	---
9-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-ol	mg/kg	---	---	---	---	---	---	---	---	---
9H-Cyclopenta[a]pyrene	mg/kg	---	---	---	---	---	---	---	---	---
3-methylbenz(j)aceanthrylene	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-4-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-methyl-4-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(b)naphtho[2,3-d]furan	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-propynyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1,1-(1,3-propanediyl)bis-	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[1,2-d]furan	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,1-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,3-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]triphenylene	mg/kg	---	---	---	---	---	---	---	---	---
Benzocycloheptatriene	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-EG-44-S2	SHO-EH-45-S3	SHO-EH-46-S3	SHO-EH-43-S1	SHO-EH-44-S1	SHO-EI-44-S2	SHO-EI-44-S3	SHO-EJ-44-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-5-180423	23-3837-14-230523	23-3837-6-210423	23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-10-120523
Date		04 Apr 2023	10 May 2023	14 Apr 2023	20 Apr 2023	20 Apr 2023	20 Apr 2023	20 Apr 2023	27 Apr 2023
Depth		3		3	0.1	0.1	1.5	2.5	1.5
	Unit								
Naphtho[2,3-b]thiophene	mg/kg	---	---	---	---	---	---	---	---
Octadecane	mg/kg	---	---	---	---	---	---	---	---
Tetracosane	mg/kg	---	---	---	---	---	---	---	---
Tetradecane	mg/kg	---	---	---	---	---	---	---	---
1,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---
3,4-dihydrocyclopenta(cd)pyrene	mg/kg	---	---	---	---	---	---	---	---
3-Aminopyrene	mg/kg	---	---	---	---	---	---	---	---
Anthrone	mg/kg	---	---	---	---	---	---	---	---
Cyclopenta(def)phenanthrene	mg/kg	---	---	---	---	---	---	---	---
(Z)-13-Docosenamide	mg/kg	---	---	---	---	---	---	---	---
1,4-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---
Anthra(1,2-b)thiophene	mg/kg	---	---	---	---	---	---	---	---
Naphthalene, 1-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---
Naphthalene, 1,5-dimethyl-	mg/kg	---	---	---	---	---	---	---	---
Naphthalene, 1,2,3,4-tetramethyl-	mg/kg	---	---	---	---	---	---	---	---
[2.2]Paracyclonaphthane	mg/kg	---	---	---	---	---	---	---	---
1,2,9,10-Dibenzopyrene	mg/kg	---	---	---	---	---	---	---	---
Pentadecane	mg/kg	---	---	---	---	---	---	---	---
Pentadecane, 2,6,10,14-tetramethyl-	mg/kg	---	---	---	---	---	---	---	---
1,3-Diphenylbutane	mg/kg	---	---	---	---	---	---	---	---
1,4,5,8-Tetramethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---
1,4,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---
1,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---
11H-Benzo(b)fluorene	mg/kg	---	---	---	---	---	---	---	---
11H-Benzo[a]fluoren-11-one	mg/kg	---	---	---	---	---	---	---	---
1,6,7-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---
1,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---
1-ethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---
1H-Cyclopropa[l]phenanthrene, 1a,9b-dihydro-	mg/kg	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---
1-Methylchrysene	mg/kg	---	---	---	---	---	---	---	---
1-Methylpyrene	mg/kg	---	---	---	---	---	---	---	---
2,3,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---
2,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---
1-phenylnaphthalene	mg/kg	---	---	---	---	---	---	---	---
2,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---
2,4,6-Cycloheptatrien-1-one, 2-phenyl-	mg/kg	---	---	---	---	---	---	---	---
2,6,10,14-tetramethylhexadecane	mg/kg	---	---	---	---	---	---	---	---
2-methylantracene	mg/kg	---	---	---	---	---	---	---	---
2-phenylnaphthalene	mg/kg	---	---	---	---	---	---	---	---
2-Phenyltoluene	mg/kg	---	---	---	---	---	---	---	---
2,5-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---	---
3-(2-Naphthyl)acrylaldehyde	mg/kg	---	---	---	---	---	---	---	---
2,7-Dimethyldibenzothiophene	mg/kg	---	---	---	---	---	---	---	---
2,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---
3,6-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---	---
4-Azapyrene	mg/kg	---	---	---	---	---	---	---	---
2-methylchrysene	mg/kg	---	---	---	---	---	---	---	---
2-methylfluoranthene	mg/kg	---	---	---	---	---	---	---	---
4H-Cyclopenta(def)phenanthrene	mg/kg	---	---	---	---	---	---	---	---
4-methyldibenzofuran	mg/kg	---	---	---	---	---	---	---	---
4-Methylnaphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---	---
4H-Benz[de]anthracene, 5,6-dihydro-	mg/kg	---	---	---	---	---	---	---	---
4-Methylphenanthrene	mg/kg	---	---	---	---	---	---	---	---
7H-Benz[de]anthracen-7-one	mg/kg	---	---	---	---	---	---	---	---
7-methylbenz[a]anthracene	mg/kg	---	---	---	---	---	---	---	---
9,10-Anthracenedione, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---
9H-Fluoren-9-one	mg/kg	---	---	---	---	---	---	---	---
9-Octadecenamide, (Z)-	mg/kg	---	---	---	---	---	---	---	---
9-methylantracene	mg/kg	---	---	---	---	---	---	---	---
9H-Fluoren-9-ol	mg/kg	---	---	---	---	---	---	---	---
9H-Cyclopenta[a]pyrene	mg/kg	---	---	---	---	---	---	---	---
3-methylbenz(j)aceanthrylene	mg/kg	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-4-methyl-	mg/kg	---	---	---	---	---	---	---	---
Benzene, 1-methyl-4-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---
Benzo(b)naphtho[2,3-d]furan	mg/kg	---	---	---	---	---	---	---	---
Benzene, 1-propynyl-	mg/kg	---	---	---	---	---	---	---	---
Benzene, 1,1-(1,3-propanediyl)bis-	mg/kg	---	---	---	---	---	---	---	---
Benzo[b]naphtho[1,2-d]furan	mg/kg	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,1-d]thiophene	mg/kg	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,3-d]thiophene	mg/kg	---	---	---	---	---	---	---	---
Benzo[b]triphenylene	mg/kg	---	---	---	---	---	---	---	---
Benzocycloheptatriene	mg/kg	---	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
		SHO-SL-S1	SHO-SL-S1	SHO-SL-S4	SHO-SL-S4	SHO-SL-S9	SHO-SL-S9	SHO-SL-S10	SHO-SL-S10	SHO-SL-S11
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123
		13 Jan 2023	13 Jan 2023	13 Jan 2023	13 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023
		2	2	4	4					
		Naphtho[2,3-b]thiophene	mg/kg	---	---	---	---	---	---	---
		Octadecane	mg/kg	0.5	---	---	---	---	---	---
		Tetracosane	mg/kg	---	---	---	---	---	---	---
		Tetradecane	mg/kg	---	---	---	---	---	---	0.3
		1,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---
		3,4-dihydrocyclopenta(cd)pyrene	mg/kg	---	2.2	---	---	---	---	---
		3-Aminopyrene	mg/kg	---	---	---	---	---	---	---
		Anthrone	mg/kg	---	---	---	---	---	2.8	---
		Cyclopenta(def)phenanthrenone	mg/kg	0.4	1.8	---	---	---	23.3	---
		(Z)-13-Docosenamide	mg/kg	2.4	---	---	---	---	3.1	---
		1,4-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---
		Anthra(1,2-b)thiophene	mg/kg	---	1.7	---	---	---	---	---
		Naphthalene, 1-(2-propenyl)-	mg/kg	---	0.4	---	---	---	---	---
		Naphthalene, 1,5-dimethyl-	mg/kg	---	---	---	---	---	---	---
		Naphthalene, 1,2,3,4-tetramethyl-	mg/kg	---	---	---	---	---	1.7	---
		[2.2]Paracyclonaphthane	mg/kg	---	---	---	---	---	---	---
		1,2,9,10-Dibenzopyrene	mg/kg	---	---	---	---	---	---	---
		Pentadecane	mg/kg	---	---	---	---	0.4	---	---
		Pentadecane, 2,6,10,14-tetramethyl-	mg/kg	---	---	---	---	---	---	---
		1,3-Diphenylbutane	mg/kg	---	---	---	---	---	---	---
		1,4,5,8-Tetramethylnaphthalene	mg/kg	---	---	---	---	---	1.0	---
		1,4,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	1.3	---
		1,7-dimethylnaphthalene	mg/kg	---	0.2	---	---	---	---	---
		11H-Benzo(b)fluorene	mg/kg	---	1.7	---	---	---	---	---
		11H-Benzo[a]fluoren-11-one	mg/kg	0.6	3.5	---	---	---	15.3	---
		1,6,7-trimethylnaphthalene	mg/kg	---	---	---	---	---	2.0	---
		1,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---
		1-ethylnaphthalene	mg/kg	---	---	---	---	---	---	---
		1H-Cyclopropa[l]phenanthrene, 1a,9b-dihydro-	mg/kg	---	---	---	---	---	2.9	---
		1-methylantracene	mg/kg	---	---	---	---	---	---	---
		1-Methylchrysene	mg/kg	0.3	2.6	---	---	1.1	---	---
		1-Methylpyrene	mg/kg	0.2	3.7	---	---	4.6	23.3	---
		2,3,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	0.4	---
		2,3-dimethylnaphthalene	mg/kg	---	0.5	---	---	---	---	---
		1-phenylnaphthalene	mg/kg	---	---	---	---	---	---	---
		2,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---
		2,4,6-Cycloheptatrien-1-one, 2-phenyl-	mg/kg	---	---	---	---	---	---	---
		2,6,10,14-tetramethylhexadecane	mg/kg	---	---	---	---	---	---	---
		2-methylantracene	mg/kg	---	0.9	---	---	---	30.3	---
		2-phenylnaphthalene	mg/kg	0.1	1.4	---	---	0.4	12.9	---
		2-Phenyltoluene	mg/kg	---	0.3	---	---	0.2	---	---
		2,5-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---
		3-(2-Naphthyl)acrylaldehyde	mg/kg	---	0.7	---	---	---	---	---
		2,7-Dimethyldibenzothiophene	mg/kg	---	---	---	---	---	---	---
		2,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---
		3,6-dimethylphenanthrene	mg/kg	---	---	---	---	---	3.7	---
		4-Azapyrene	mg/kg	---	---	---	---	0.3	---	---
		2-methylchrysene	mg/kg	---	1.1	---	---	---	2.7	---
		2-methylfluoranthene	mg/kg	0.5	5.4	---	---	1.5	---	---
		4H-Cyclopenta(def)phenanthrene	mg/kg	---	2.4	---	---	0.7	---	---
		4-methyldibenzofuran	mg/kg	---	0.8	---	---	---	8.0	---
		4-Methylnaphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	2.9	---
		4H-Benz[de]anthracene, 5,6-dihydro-	mg/kg	---	---	---	---	0.5	---	---
		4-Methylphenanthrene	mg/kg	---	---	---	---	---	---	---
		7H-Benz[de]anthracen-7-one	mg/kg	0.3	---	---	---	---	---	---
		7-methylbenz[a]anthracene	mg/kg	---	---	---	---	0.6	---	---
		9,10-Anthracenedione, 2-methyl-	mg/kg	---	---	---	---	---	6.4	---
		9H-Fluoren-9-one	mg/kg	---	0.9	---	---	0.1	8.4	---
		9-Octadecenamide, (Z)-	mg/kg	---	---	---	---	---	---	---
		9-methylantracene	mg/kg	---	---	---	---	---	---	---
		9H-Fluoren-9-ol	mg/kg	---	---	---	---	---	1.3	---
		9H-Cyclopenta[a]pyrene	mg/kg	---	---	---	---	---	---	---
		3-methylbenz(j)aceanthrylene	mg/kg	---	3.2	---	---	1.1	---	---
		Benzene, 1-ethenyl-4-methyl-	mg/kg	---	---	---	---	---	---	---
		Benzene, 1-methyl-4-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---
		Benzo(b)naphtho(2,3-d)furan	mg/kg	0.6	2.3	---	---	0.4	10.9	---
		Benzene, 1-propynyl-	mg/kg	---	---	---	---	---	---	---
		Benzene, 1,1-(1,3-propanediyl)bis-	mg/kg	---	---	---	---	---	---	---
		Benzo[b]naphtho[1,2-d]furan	mg/kg	---	---	---	---	---	8.4	---
		Benzo[b]naphtho[2,1-d]thiophene	mg/kg	0.2	---	---	---	---	---	---
		Benzo[b]naphtho[2,3-d]thiophene	mg/kg	---	---	---	---	---	---	---
		Benzo[b]triphenylene	mg/kg	---	1.2	---	---	0.6	---	---
		Benzocycloheptatriene	mg/kg	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
		SHO-SL-S16	SHO-SL-S16	SHO-SL-S17	SHO-SL-S17	SHO-SL-S18	SHO-SL-S18	SHO-SL-S19	SHO-SL-S19	SHO-SL-S20
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223
		19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	20 Jan 2023
Naphtho[2,3-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Octadecane	mg/kg	---	---	---	---	---	0.3	---	---	---
Tetracosane	mg/kg	---	---	---	---	---	---	---	---	---
Tetradecane	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dimethylnaphthalene	mg/kg	0.7	---	---	---	---	---	---	---	---
3,4-dihydrocyclopenta(cd)pyrene	mg/kg	6.5	---	---	---	---	---	---	---	1.2
3-Aminopyrene	mg/kg	---	---	---	---	---	---	---	---	---
Anthrone	mg/kg	---	---	---	---	---	---	---	---	---
Cyclopenta(def)phenanthrenone	mg/kg	---	---	---	---	---	---	---	---	---
(Z)-13-Docosenamide	mg/kg	---	---	---	---	---	---	---	---	---
1,4-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	0.8
Anthra(1,2-b)thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1,5-dimethyl-	mg/kg	0.8	---	---	---	---	---	---	---	---
Naphthalene, 1,2,3,4-tetramethyl-	mg/kg	---	---	---	---	---	---	---	---	---
[2.2]Paracyclonaphthane	mg/kg	---	---	---	---	---	---	---	---	---
1,2,9,10-Dibenzopyrene	mg/kg	---	---	3.9	---	---	---	---	---	---
Pentadecane	mg/kg	---	---	---	---	---	---	---	---	---
Pentadecane, 2,6,10,14-tetramethyl-	mg/kg	---	---	---	---	---	---	---	---	---
1,3-Diphenylbutane	mg/kg	---	---	---	---	---	---	---	---	---
1,4,5,8-Tetramethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,4,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo(b)fluorene	mg/kg	5.5	---	---	---	---	---	---	---	1.9
11H-Benzo[a]fluoren-11-one	mg/kg	11.0	---	---	---	---	---	---	---	0.6
1,6,7-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,6-dimethylnaphthalene	mg/kg	0.2	---	---	---	---	---	---	---	---
1-ethylnaphthalene	mg/kg	0.4	---	---	---	---	---	---	---	---
1H-Cyclopropa[l]phenanthrene, 1a,9b-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylchrysene	mg/kg	---	---	---	---	---	---	---	---	0.6
1-Methylpyrene	mg/kg	12.6	---	0.3	---	0.1	---	0.3	---	6.6
2,3,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-phenylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,6-dimethylnaphthalene	mg/kg	1.5	---	---	---	---	---	---	---	0.4
2,4,6-Cycloheptatrien-1-one, 2-phenyl-	mg/kg	3.4	---	---	---	---	---	---	---	---
2,6,10,14-tetramethylhexadecane	mg/kg	---	---	---	---	---	---	---	---	---
2-methylantracene	mg/kg	4.3	---	0.3	---	---	---	---	---	---
2-phenylnaphthalene	mg/kg	5.3	---	---	---	---	---	---	---	1.5
2-Phenyltoluene	mg/kg	1.2	---	---	---	---	---	---	---	---
2,5-dimethylphenanthrene	mg/kg	1.8	---	---	---	---	---	---	---	---
3-(2-Naphthyl)acrylaldehyde	mg/kg	---	---	---	---	---	---	---	---	---
2,7-Dimethyldibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---
2,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	0.6
3,6-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
4-Azapyrene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylchrysene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylfluoranthene	mg/kg	12.5	---	---	---	---	---	---	---	---
4H-Cyclopenta(def)phenanthrene	mg/kg	---	---	---	---	---	---	---	---	2.5
4-methyldibenzofuran	mg/kg	2.5	---	---	---	---	---	---	---	2.1
4-Methylnaphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
4H-Benz[de]anthracene, 5,6-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
4-Methylphenanthrene	mg/kg	---	---	---	---	---	0.1	---	---	---
7H-Benz[de]anthracen-7-one	mg/kg	---	---	---	---	---	---	---	---	---
7-methylbenz[a]anthracene	mg/kg	8.3	---	---	---	---	---	---	---	1.3
9,10-Anthracenedione, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-one	mg/kg	3.6	---	---	---	---	---	---	---	0.9
9-Octadecenamide, (Z)-	mg/kg	---	---	---	---	---	---	---	---	---
9-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-ol	mg/kg	---	---	---	---	---	---	---	---	---
9H-Cyclopenta[a]pyrene	mg/kg	---	---	---	---	---	---	---	---	---
3-methylbenz(j)aceanthrylene	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-4-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-methyl-4-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(b)naphtho(2,3-d)furan	mg/kg	6.1	---	---	---	---	0.3	---	---	3.5
Benzene, 1-propynyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1,1-(1,3-propanediyl)bis-	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[1,2-d]furan	mg/kg	2.3	---	---	---	---	---	---	---	0.5
Benzo[b]naphtho[2,1-d]thiophene	mg/kg	5.8	---	---	---	---	---	---	---	1.2
Benzo[b]naphtho[2,3-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]triphenylene	mg/kg	---	---	---	---	---	---	---	---	---
Benzocycloheptatriene	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
		SHO-SL-S24	SHO-SL-S25	SHO-SL-S25	SHO-SL-S28	SHO-SL-S28	SHO-SL-S31	SHO-SL-S31	SHO-SL-S34	SHO-SL-S34
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-919-1-300123	23-919-1-300123	23-919-1-300123	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223
		20 Jan 2023	20 Jan 2023	20 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023
Naphtho[2,3-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Octadecane	mg/kg	---	---	---	---	---	---	---	---	---
Tetracosane	mg/kg	---	---	---	---	---	---	---	---	---
Tetradecane	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dimethylnaphthalene	mg/kg	---	0.2	---	---	---	1	---	---	---
3,4-dihydrocyclopenta(cd)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
3-Aminopyrene	mg/kg	---	---	---	---	---	---	---	---	---
Anthrone	mg/kg	---	---	---	---	---	---	---	---	---
Cyclopenta(def)phenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
(Z)-13-Docosenamide	mg/kg	---	---	---	---	---	---	---	---	---
1,4-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	0.1	---
Anthra(1,2-b)thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1,5-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1,2,3,4-tetramethyl-	mg/kg	---	---	---	---	---	---	---	---	---
[2.2]Paracyclonaphthane	mg/kg	---	---	---	---	---	---	---	---	---
1,2,9,10-Dibenzopyrene	mg/kg	---	---	---	---	---	---	---	---	---
Pentadecane	mg/kg	---	---	---	---	---	---	---	---	---
Pentadecane, 2,6,10,14-tetramethyl-	mg/kg	---	---	---	---	---	---	---	---	---
1,3-Diphenylbutane	mg/kg	---	---	---	24.1	---	0.5	---	---	---
1,4,5,8-Tetramethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,4,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo(b)fluorene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo[a]fluoren-11-one	mg/kg	---	0.2	---	---	---	---	---	---	---
1,6,7-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	0.4	---
1,6-dimethylnaphthalene	mg/kg	---	---	---	20.7	---	---	---	---	---
1-ethylnaphthalene	mg/kg	---	---	---	35.1	---	---	---	---	---
1H-Cyclopropa[l]phenanthrene, 1a,9b-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylchrysene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylpyrene	mg/kg	---	0.6	---	---	---	---	---	---	---
2,3,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	0.6	---
1-phenylnaphthalene	mg/kg	---	---	---	23.6	---	---	---	---	---
2,6-dimethylnaphthalene	mg/kg	---	0.1	---	45.1	---	---	---	0.2	---
2,4,6-Cycloheptatrien-1-one, 2-phenyl-	mg/kg	---	---	---	---	---	---	---	---	---
2,6,10,14-tetramethylhexadecane	mg/kg	---	---	---	---	---	---	---	0.2	---
2-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
2-phenylnaphthalene	mg/kg	---	0.3	---	70.6	---	---	---	---	---
2-Phenyltoluene	mg/kg	---	---	---	---	---	---	---	---	---
2,5-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
3-(2-Naphthyl)acrylaldehyde	mg/kg	---	---	---	---	---	---	---	---	---
2,7-Dimethyldibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---
2,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
3,6-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
4-Azapyrene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylchrysene	mg/kg	---	---	---	---	---	---	---	0.3	---
2-methylfluoranthene	mg/kg	---	---	---	---	---	---	---	0.6	---
4H-Cyclopenta(def)phenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
4-methyldibenzofuran	mg/kg	---	0.1	---	---	---	---	---	0.2	---
4-Methylnaphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
4H-Benz[de]anthracene, 5,6-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
4-Methylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
7H-Benz[de]anthracen-7-one	mg/kg	---	---	---	---	---	---	---	---	---
7-methylbenz[a]anthracene	mg/kg	---	0.2	---	---	---	---	---	---	---
9,10-Anthracenedione, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-one	mg/kg	---	0.1	---	---	---	---	---	---	---
9-Octadecenamide, (Z)-	mg/kg	---	---	---	---	---	---	---	---	---
9-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-ol	mg/kg	---	0.2	---	---	---	---	---	---	---
9H-Cyclopenta[a]pyrene	mg/kg	---	---	---	---	---	---	---	---	---
3-methylbenz(j)aceanthrylene	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-4-methyl-	mg/kg	---	---	---	30	---	---	---	---	---
Benzene, 1-methyl-4-(2-propenyl)-	mg/kg	---	---	---	---	---	0.3	---	---	---
Benzo(b)naphtho[2,3-d]furan	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-propynyl-	mg/kg	---	---	---	10.9	---	1	---	---	---
Benzene, 1,1-(1,3-propanediyl)bis-	mg/kg	---	---	---	17.2	---	---	---	---	---
Benzo[b]naphtho[1,2-d]furan	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,1-d]thiophene	mg/kg	---	0.2	---	---	---	---	---	---	---
Benzo[b]naphtho[2,3-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]triphenylene	mg/kg	---	---	---	---	---	---	---	---	---
Benzocycloheptatriene	mg/kg	---	---	---	---	---	0.6	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth							
	GMG	GMG	GMG	GMG	GMG	GMG	GMG
	SHO-SL-S40	SHO-SL-S40	SHO-TS1_AUK_TP101-S2	SHO-TS1_AUK_TP102-S2	SHO-TS1_AUK_TP102-S4	SHO-TS1_AUK_TP103-S3	SHO-TS1_AUK_TP104-S2
	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	23-1151-1-070223	23-1151-1-070223	106848	106848	106848	106848	106848
Unit	23 Jan 2023	23 Jan 2023	02 Mar 2022	02 Mar 2022	02 Mar 2022	03 Mar 2022	02 Mar 2022
			3.5	2.5	4.7	1	1.6
Naphtho[2,3-b]thiophene	mg/kg	---	---	---	---	---	---
Octadecane	mg/kg	---	---	---	---	---	---
Tetracosane	mg/kg	---	---	---	---	---	---
Tetradecane	mg/kg	---	---	---	---	---	---
1,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---
3,4-dihydrocyclopenta(cd)pyrene	mg/kg	---	---	---	---	---	---
3-Aminopyrene	mg/kg	---	---	---	---	---	---
Anthrone	mg/kg	---	---	---	---	---	---
Cyclopenta(def)phenanthrenone	mg/kg	---	---	---	---	---	---
(Z)-13-Docosenamide	mg/kg	---	---	---	---	---	---
1,4-dimethylnaphthalene	mg/kg	---	---	---	---	---	---
Anthra(1,2-b)thiophene	mg/kg	---	---	---	---	---	---
Naphthalene, 1-(2-propenyl)-	mg/kg	---	---	---	---	---	---
Naphthalene, 1,5-dimethyl-	mg/kg	---	---	---	---	---	---
Naphthalene, 1,2,3,4-tetramethyl-	mg/kg	---	---	---	---	---	---
[2.2]Paracyclonaphthane	mg/kg	---	---	---	---	---	---
1,2,9,10-Dibenzopyrene	mg/kg	---	---	---	---	---	---
Pentadecane	mg/kg	---	---	---	---	---	---
Pentadecane, 2,6,10,14-tetramethyl-	mg/kg	---	---	---	---	---	---
1,3-Diphenylbutane	mg/kg	---	---	---	---	---	---
1,4,5,8-Tetramethylnaphthalene	mg/kg	---	---	---	---	---	---
1,4,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---
1,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---
11H-Benzo(b)fluorene	mg/kg	---	---	---	---	---	---
11H-Benzo[a]fluoren-11-one	mg/kg	---	---	---	---	---	---
1,6,7-trimethylnaphthalene	mg/kg	---	---	---	---	---	---
1,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---
1-ethylnaphthalene	mg/kg	---	---	---	---	---	---
1H-Cyclopropa[l]phenanthrene, 1a,9b-dihydro-	mg/kg	---	---	---	---	---	---
1-methylanthracene	mg/kg	---	---	---	---	---	---
1-Methylchrysene	mg/kg	---	---	---	---	---	---
1-Methylpyrene	mg/kg	---	---	---	---	---	---
2,3,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---
2,3-dimethylnaphthalene	mg/kg	0.2	---	---	---	---	---
1-phenylnaphthalene	mg/kg	---	---	---	---	---	---
2,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---
2,4,6-Cycloheptatrien-1-one, 2-phenyl-	mg/kg	---	---	---	---	---	---
2,6,10,14-tetramethylhexadecane	mg/kg	---	---	---	---	---	---
2-methylanthracene	mg/kg	---	---	---	---	---	---
2-phenylnaphthalene	mg/kg	---	---	---	---	---	---
2-Phenyltoluene	mg/kg	---	---	---	---	---	---
2,5-dimethylphenanthrene	mg/kg	---	---	---	---	---	---
3-(2-Naphthyl)acrylaldehyde	mg/kg	---	---	---	---	---	---
2,7-Dimethyldibenzothiophene	mg/kg	---	---	---	---	---	---
2,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---
3,6-dimethylphenanthrene	mg/kg	---	---	---	---	---	---
4-Azapyrene	mg/kg	---	---	---	---	---	---
2-methylchrysene	mg/kg	---	---	---	---	---	---
2-methylfluoranthene	mg/kg	0.2	---	---	---	---	---
4H-Cyclopenta(def)phenanthrene	mg/kg	---	---	---	---	---	---
4-methyldibenzofuran	mg/kg	---	---	---	---	---	---
4-Methylnaphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---
4H-Benz[de]anthracene, 5,6-dihydro-	mg/kg	---	---	---	---	---	---
4-Methylphenanthrene	mg/kg	---	---	---	---	---	---
7H-Benz[de]anthracen-7-one	mg/kg	---	---	---	---	---	---
7-methylbenz[a]anthracene	mg/kg	---	---	---	---	---	---
9,10-Anthracenedione, 2-methyl-	mg/kg	---	---	---	---	---	---
9H-Fluoren-9-one	mg/kg	---	---	---	---	---	---
9-Octadecenamide, (Z)-	mg/kg	---	---	---	---	---	---
9-methylanthracene	mg/kg	---	---	---	---	---	---
9H-Fluoren-9-ol	mg/kg	---	---	---	---	---	---
9H-Cyclopenta[a]pyrene	mg/kg	---	---	---	---	---	---
3-methylbenz[j]aceanthrylene	mg/kg	---	---	---	---	---	---
Benzene, 1-ethenyl-4-methyl-	mg/kg	---	---	---	---	---	---
Benzene, 1-methyl-4-(2-propenyl)-	mg/kg	---	---	---	---	---	---
Benzo(b)naphtho[2,3-d]furan	mg/kg	---	---	---	---	---	---
Benzene, 1-propynyl-	mg/kg	---	---	---	---	---	---
Benzene, 1,1-(1,3-propanediyl)bis-	mg/kg	---	---	---	---	---	---
Benzo[b]naphtho[1,2-d]furan	mg/kg	---	---	---	---	---	---
Benzo[b]naphtho[2,1-d]thiophene	mg/kg	---	---	---	---	---	---
Benzo[b]naphtho[2,3-d]thiophene	mg/kg	---	---	---	---	---	---
Benzo[b]triphenylene	mg/kg	---	---	---	---	---	---
Benzocycloheptatriene	mg/kg	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth								
		GMG	GMG	GMG	GMG	GMG	GMG	GMG
		SHO-TS1 AUK TP105-S4	SHO-TS1 AUK TP106-S2	SHO-TS1 AUK TP107-S2	SHO-TS1 AUK TP107-S5	SHO-TS1 AUK TP107-S7	SHO-TS1 AUK TP108-S1	SHO-TS1 AUK TP109-S1
		Soil	Soil	Soil	Soil	Soil	Soil	Soil
		106848	106848	106848	106848	106848	106848	106848
Depth	Unit	02 Mar 2022	04 Mar 2022	04 Mar 2022	04 Mar 2022	04 Mar 2022	03 Mar 2022	03 Mar 2022
		1	2.5	1	3	4.2	3	3.5
Naphtho[2,3-b]thiophene	mg/kg	---	---	---	---	---	---	---
Octadecane	mg/kg	---	---	---	---	---	---	---
Tetracosane	mg/kg	---	---	---	---	---	---	---
Tetradecane	mg/kg	---	---	---	---	---	---	---
1,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---
3,4-dihydrocyclopenta(cd)pyrene	mg/kg	---	---	---	---	---	---	---
3-Aminopyrene	mg/kg	---	---	---	---	---	---	---
Anthrone	mg/kg	---	---	---	---	---	---	---
Cyclopenta(def)phenanthrene	mg/kg	---	---	---	---	---	---	---
(Z)-13-Docosenamide	mg/kg	---	---	---	---	---	---	---
1,4-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---
Anthra(1,2-b)thiophene	mg/kg	---	---	---	---	---	---	---
Naphthalene, 1-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---
Naphthalene, 1,5-dimethyl-	mg/kg	---	---	---	---	---	---	---
Naphthalene, 1,2,3,4-tetramethyl-	mg/kg	---	---	---	---	---	---	---
[2.2]Paracyclonaphthane	mg/kg	---	---	---	---	---	---	---
1,2,9,10-Dibenzopyrene	mg/kg	---	---	---	---	---	---	---
Pentadecane	mg/kg	---	---	---	---	---	---	---
Pentadecane, 2,6,10,14-tetramethyl-	mg/kg	---	---	---	---	---	---	---
1,3-Diphenylbutane	mg/kg	---	---	---	---	---	---	---
1,4,5,8-Tetramethylnaphthalene	mg/kg	---	---	---	---	---	---	---
1,4,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---
1,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---
11H-Benzo(b)fluorene	mg/kg	---	---	---	---	---	---	---
11H-Benzo[a]fluoren-11-one	mg/kg	---	---	---	---	---	---	---
1,6,7-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---
1,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---
1-ethylnaphthalene	mg/kg	---	---	---	---	---	---	---
1H-Cyclopropa[l]phenanthrene, 1a,9b-dihydro-	mg/kg	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---
1-Methylchrysene	mg/kg	---	---	---	---	---	---	---
1-Methylpyrene	mg/kg	---	---	---	---	---	---	---
2,3,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---
2,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---
1-phenylnaphthalene	mg/kg	---	---	---	---	---	---	---
2,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---
2,4,6-Cycloheptatrien-1-one, 2-phenyl-	mg/kg	---	---	---	---	---	---	---
2,6,10,14-tetramethylhexadecane	mg/kg	---	---	---	---	---	---	---
2-methylantracene	mg/kg	---	---	---	---	---	---	---
2-phenylnaphthalene	mg/kg	---	---	---	---	---	---	---
2-Phenyltoluene	mg/kg	---	---	---	---	---	---	---
2,5-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---
3-(2-Naphthyl)acrylaldehyde	mg/kg	---	---	---	---	---	---	---
2,7-Dimethyldibenzothiophene	mg/kg	---	---	---	---	---	---	---
2,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---
3,6-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---
4-Azapyrene	mg/kg	---	---	---	---	---	---	---
2-methylchrysene	mg/kg	---	---	---	---	---	---	---
2-methylfluoranthene	mg/kg	---	---	---	---	---	---	---
4H-Cyclopenta(def)phenanthrene	mg/kg	---	---	---	---	---	---	---
4-methyldibenzofuran	mg/kg	---	---	---	---	---	---	---
4-Methylnaphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---
4H-Benz[de]anthracene, 5,6-dihydro-	mg/kg	---	---	---	---	---	---	---
4-Methylphenanthrene	mg/kg	---	---	---	---	---	---	---
7H-Benz[de]anthracen-7-one	mg/kg	---	---	---	---	---	---	---
7-methylbenz[a]anthracene	mg/kg	---	---	---	---	---	---	---
9,10-Anthracenedione, 2-methyl-	mg/kg	---	---	---	---	---	---	---
9H-Fluoren-9-one	mg/kg	---	---	---	---	---	---	---
9-Octadecenamide, (Z)-	mg/kg	---	---	---	---	---	---	---
9-methylantracene	mg/kg	---	---	---	---	---	---	---
9H-Fluoren-9-ol	mg/kg	---	---	---	---	---	---	---
9H-Cyclopenta[a]pyrene	mg/kg	---	---	---	---	---	---	---
3-methylbenz(j)aceanthrylene	mg/kg	---	---	---	---	---	---	---
Benzene, 1-ethenyl-4-methyl-	mg/kg	---	---	---	---	---	---	---
Benzene, 1-methyl-4-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---
Benzo(b)naphtho[2,3-d]furan	mg/kg	---	---	---	---	---	---	---
Benzene, 1-propynyl-	mg/kg	---	---	---	---	---	---	---
Benzene, 1,1-(1,3-propanediyl)bis-	mg/kg	---	---	---	---	---	---	---
Benzo[b]naphtho[1,2-d]furan	mg/kg	---	---	---	---	---	---	---
Benzo[b]naphtho[2,1-d]thiophene	mg/kg	---	---	---	---	---	---	---
Benzo[b]naphtho[2,3-d]thiophene	mg/kg	---	---	---	---	---	---	---
Benzo[b]triphenylene	mg/kg	---	---	---	---	---	---	---
Benzocycloheptatriene	mg/kg	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth							
	GMG	GMG	GMG	GMG	GMG	GMG	GMG
	SHO-TS1_AUK_TP110-S1	SHO-TS1_AUK_TP111-S1	SHO-TS1_AUK_TP111-S3	SHO-TS1_AUK_TP112-S1	SHO-TS1_AUK_TP113-S1	SHO-TS1_AUK_TP114-S1	TLA-SL-S1
	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	106848	106848	106848	106848	106848	106848	23-524-1-260123
Unit	03 Mar 2022	03 Mar 2022	03 Mar 2022	04 Mar 2022	04 Mar 2022	04 Mar 2022	11 Jan 2023
	2.5	4	2.2	1.5	1.5	2	1
Naphtho[2,3-b]thiophene	mg/kg	---	---	---	---	---	0.279
Octadecane	mg/kg	---	---	---	---	---	0.203
Tetracosane	mg/kg	---	---	---	---	---	0.31
Tetradecane	mg/kg	---	---	---	---	---	0.12
1,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---
3,4-dihydrocyclopenta(cd)pyrene	mg/kg	---	---	---	---	---	---
3-Aminopyrene	mg/kg	---	---	---	---	---	---
Anthrone	mg/kg	---	---	---	---	---	---
Cyclopenta(def)phenanthrene	mg/kg	---	---	---	---	---	---
(Z)-13-Docosenamide	mg/kg	---	---	---	---	---	---
1,4-dimethylnaphthalene	mg/kg	---	---	---	---	---	---
Anthra(1,2-b)thiophene	mg/kg	---	---	---	---	---	---
Naphthalene, 1-(2-propenyl)-	mg/kg	---	---	---	---	---	---
Naphthalene, 1,5-dimethyl-	mg/kg	---	---	---	---	---	---
Naphthalene, 1,2,3,4-tetramethyl-	mg/kg	---	---	---	---	---	---
[2.2]Paracyclonaphthane	mg/kg	---	---	---	---	---	0.271
1,2,9,10-Dibenzopyrene	mg/kg	---	---	---	---	---	---
Pentadecane	mg/kg	---	---	---	---	---	---
Pentadecane, 2,6,10,14-tetramethyl-	mg/kg	---	---	---	---	---	0.14
1,3-Diphenylbutane	mg/kg	---	---	---	---	---	---
1,4,5,8-Tetramethylnaphthalene	mg/kg	---	---	---	---	---	---
1,4,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---
1,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---
11H-Benzo(b)fluorene	mg/kg	---	---	---	---	---	---
11H-Benzo[a]fluoren-11-one	mg/kg	---	---	---	---	---	0.378
1,6,7-trimethylnaphthalene	mg/kg	---	---	---	---	---	---
1,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---
1-ethylnaphthalene	mg/kg	---	---	---	---	---	---
1H-Cyclopropa[l]phenanthrene, 1a,9b-dihydro-	mg/kg	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---
1-Methylchrysene	mg/kg	---	---	---	---	---	0.176
1-Methylpyrene	mg/kg	---	---	---	---	---	0.805
2,3,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---
2,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---
1-phenylnaphthalene	mg/kg	---	---	---	---	---	---
2,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---
2,4,6-Cycloheptatrien-1-one, 2-phenyl-	mg/kg	---	---	---	---	---	0.133
2,6,10,14-tetramethylhexadecane	mg/kg	---	---	---	---	---	---
2-methylantracene	mg/kg	---	---	---	---	---	---
2-phenylnaphthalene	mg/kg	---	---	---	---	---	---
2-Phenyltoluene	mg/kg	---	---	---	---	---	---
2,5-dimethylphenanthrene	mg/kg	---	---	---	---	---	---
3-(2-Naphthyl)acrylaldehyde	mg/kg	---	---	---	---	---	---
2,7-Dimethyldibenzothiophene	mg/kg	---	---	---	---	---	---
2,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---
3,6-dimethylphenanthrene	mg/kg	---	---	---	---	---	---
4-Azapyrene	mg/kg	---	---	---	---	---	---
2-methylchrysene	mg/kg	---	---	---	---	---	0.505
2-methylfluoranthene	mg/kg	---	---	---	---	---	---
4H-Cyclopenta(def)phenanthrene	mg/kg	---	---	---	---	---	---
4-methyldibenzofuran	mg/kg	---	---	---	---	---	0.116
4-Methylnaphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---
4H-Benz[de]anthracene, 5,6-dihydro-	mg/kg	---	---	---	---	---	---
4-Methylphenanthrene	mg/kg	---	---	---	---	---	---
7H-Benz[de]anthracen-7-one	mg/kg	---	---	---	---	---	---
7-methylbenz[a]anthracene	mg/kg	---	---	---	---	---	---
9,10-Anthracenedione, 2-methyl-	mg/kg	---	---	---	---	---	---
9H-Fluoren-9-one	mg/kg	---	---	---	---	---	0.217
9-Octadecenamide, (Z)-	mg/kg	---	---	---	---	---	---
9-methylantracene	mg/kg	---	---	---	---	---	---
9H-Fluoren-9-ol	mg/kg	---	---	---	---	---	---
9H-Cyclopenta[a]pyrene	mg/kg	---	---	---	---	---	---
3-methylbenz(j)aceanthrylene	mg/kg	---	---	---	---	---	---
Benzene, 1-ethenyl-4-methyl-	mg/kg	---	---	---	---	---	---
Benzene, 1-methyl-4-(2-propenyl)-	mg/kg	---	---	---	---	---	---
Benzo(b)naphtho[2,3-d]furan	mg/kg	---	---	---	---	---	0.215
Benzene, 1-propynyl-	mg/kg	---	---	---	---	---	---
Benzene, 1,1-(1,3-propanediyl)bis-	mg/kg	---	---	---	---	---	---
Benzo[b]naphtho[1,2-d]furan	mg/kg	---	---	---	---	---	---
Benzo[b]naphtho[2,1-d]thiophene	mg/kg	---	---	---	---	---	---
Benzo[b]naphtho[2,3-d]thiophene	mg/kg	---	---	---	---	---	0.326
Benzo[b]triphenylene	mg/kg	---	---	---	---	---	---
Benzocycloheptatriene	mg/kg	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
		TLA-SL-S1	TLA-SL-S2	TLA-SL-S2	TLA-SL-S4	TLA-SL-S4	TLA-SL-S5	TLA-SL-S5	TLA-SL-S6	TLA-SL-S6
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123
		11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023
		1	2	2	3	3	3.5	3.5	2	2
		---	---	---	---	---	---	---	---	---
		---	---	---	---	---	---	---	---	---
		---	---	---	---	---	---	---	---	---
		---	---	---	---	---	---	---	---	---
Naphtho[2,3-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Octadecane	mg/kg	---	0.287	---	0.243	---	---	---	---	---
Tetracosane	mg/kg	---	---	---	---	---	---	---	---	---
Tetradecane	mg/kg	---	0.178	---	---	---	---	---	---	---
1,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
3,4-dihydrocyclopenta(cd)pyrene	mg/kg	---	---	---	---	---	---	0.687	---	---
3-Aminopyrene	mg/kg	---	---	---	---	0.815	---	---	---	---
Anthrone	mg/kg	---	---	---	---	---	---	---	---	---
Cyclopenta(def)phenanthrene	mg/kg	---	---	---	---	1.38	---	0.784	---	---
(Z)-13-Docosenamide	mg/kg	---	---	---	---	---	---	---	---	---
1,4-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
Anthra(1,2-b)thiophene	mg/kg	---	---	---	---	1.02	---	0.72	---	---
Naphthalene, 1-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1,5-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1,2,3,4-tetramethyl-	mg/kg	---	---	---	---	---	---	---	---	---
[2.2]Paracyclonaphthane	mg/kg	---	0.205	---	0.331	---	---	---	---	---
1,2,9,10-Dibenzopyrene	mg/kg	---	---	---	---	---	---	---	---	---
Pentadecane	mg/kg	---	0.346	---	---	---	---	---	---	---
Pentadecane, 2,6,10,14-tetramethyl-	mg/kg	---	0.243	---	---	---	---	---	---	---
1,3-Diphenylbutane	mg/kg	---	---	---	---	---	---	---	---	---
1,4,5,8-Tetramethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,4,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo(b)fluorene	mg/kg	---	---	---	0.742	---	---	---	---	---
11H-Benzo[a]fluoren-11-one	mg/kg	---	0.318	---	0.568	---	1.32	0.447	---	---
1,6,7-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,6-dimethylnaphthalene	mg/kg	---	---	---	0.174	---	---	---	---	---
1-ethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1H-Cyclopropa[l]phenanthrene, 1a,9b-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
1-methylanthracene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylchrysene	mg/kg	---	---	---	---	---	---	---	---	0.3
1-Methylpyrene	mg/kg	---	0.777	---	0.701	---	5.29	1.54	---	0.1
2,3,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,3-dimethylnaphthalene	mg/kg	---	---	---	---	0.576	---	0.15	---	---
1-phenylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,6-dimethylnaphthalene	mg/kg	---	---	---	---	0.511	---	0.278	---	---
2,4,6-Cycloheptatrien-1-one, 2-phenyl-	mg/kg	---	---	---	---	---	---	---	---	---
2,6,10,14-tetramethylhexadecane	mg/kg	---	---	---	---	---	---	---	---	---
2-methylanthracene	mg/kg	---	---	---	1.01	---	0.585	0.451	---	---
2-phenylnaphthalene	mg/kg	---	---	---	---	1.02	---	---	---	0.1
2-Phenyltoluene	mg/kg	---	---	---	---	---	---	---	---	---
2,5-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
3-(2-Naphthyl)acrylaldehyde	mg/kg	---	---	---	---	---	---	---	---	---
2,7-Dimethyldibenzothiophene	mg/kg	---	---	---	0.155	---	---	---	---	---
2,7-dimethylnaphthalene	mg/kg	---	---	---	---	0.841	---	0.603	---	---
3,6-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
4-Azapyrene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylchrysene	mg/kg	---	---	---	---	0.483	---	0.343	---	---
2-methylfluoranthene	mg/kg	---	---	---	---	---	---	2.22	---	0.6
4H-Cyclopenta(def)phenanthrene	mg/kg	---	---	---	---	1.54	---	0.756	---	---
4-methyldibenzofuran	mg/kg	---	0.146	---	0.48	---	1.55	0.718	---	---
4-Methylnaphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
4H-Benz[de]anthracene, 5,6-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
4-Methylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
7H-Benz[de]anthracen-7-one	mg/kg	---	---	---	---	---	---	---	---	---
7-methylbenz[a]anthracene	mg/kg	---	0.315	---	0.471	---	1.15	0.864	---	---
9,10-Anthracenedione, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-one	mg/kg	---	0.301	---	0.814	---	2.15	0.713	---	---
9-Octadecenamide, (Z)-	mg/kg	---	---	---	---	---	---	---	---	2
9-methylanthracene	mg/kg	---	---	---	0.144	---	---	---	---	---
9H-Fluoren-9-ol	mg/kg	---	0.145	---	---	---	---	---	---	---
9H-Cyclopenta[a]pyrene	mg/kg	---	---	---	---	---	---	---	---	---
3-methylbenz[j]aceanthrylene	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-4-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-methyl-4-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(b)naphtho(2,3-d)furan	mg/kg	---	---	---	0.505	---	0.458	0.513	---	---
Benzene, 1-propynyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1,1-(1,3-propanediyl)bis-	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[1,2-d]furan	mg/kg	---	---	---	---	---	1.65	1.35	---	---
Benzo[b]naphtho[2,1-d]thiophene	mg/kg	---	0.282	---	---	0.646	---	---	---	---
Benzo[b]naphtho[2,3-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]triphenylene	mg/kg	---	---	---	---	---	---	---	---	---
Benzocycloheptatriene	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
		TLA-SL-S7	TLA-SL-S8	TLA-SL-S8	TLA-SL-S9	TLA-SL-S10	TLA-SL-S10	TLA-SL-S11	TLA-SL-S11	TLA-SL-S12
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123
		12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023
		1	3.5	3.5	2	3	3	1	1	3
Naphtho[2,3-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Octadecane	mg/kg	---	---	---	---	---	---	---	---	---
Tetracosane	mg/kg	---	---	---	---	---	---	---	---	---
Tetradecane	mg/kg	---	0.5	---	---	---	---	---	---	---
1,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
3,4-dihydrocyclopenta(cd)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
3-Aminopyrene	mg/kg	---	---	---	---	---	---	---	---	---
Anthrone	mg/kg	---	---	---	---	---	---	---	---	---
Cyclopenta(def)phenanthrenone	mg/kg	---	---	---	---	---	---	---	---	---
(Z)-13-Docosenamide	mg/kg	---	2.5	---	4	1.8	---	2.3	---	---
1,4-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
Anthra(1,2-b)thiophene	mg/kg	---	0.4	---	---	---	---	---	---	---
Naphthalene, 1-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1,5-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 1,2,3,4-tetramethyl-	mg/kg	---	---	---	---	---	---	---	---	---
[2.2]Paracyclonaphthane	mg/kg	---	---	---	---	---	---	---	---	---
1,2,9,10-Dibenzopyrene	mg/kg	---	---	---	---	---	---	---	---	---
Pentadecane	mg/kg	---	0.5	---	---	---	---	0.2	---	---
Pentadecane, 2,6,10,14-tetramethyl-	mg/kg	---	---	---	---	---	---	---	---	---
1,3-Diphenylbutane	mg/kg	---	---	---	---	---	---	---	---	---
1,4,5,8-Tetramethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,4,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo(b)fluorene	mg/kg	---	0.5	---	---	---	---	---	---	---
11H-Benzo[a]fluoren-11-one	mg/kg	---	---	---	---	---	---	---	---	0.1
1,6,7-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-ethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1H-Cyclopropa[l]phenanthrene, 1a,9b-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	0.4	---	---	---	---	---	---	---
1-Methylchrysene	mg/kg	---	---	---	---	---	---	---	---	---
1-Methylpyrene	mg/kg	---	1	---	---	---	---	---	---	---
2,3,6-trimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,3-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
1-phenylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,6-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,4,6-Cycloheptatrien-1-one, 2-phenyl-	mg/kg	---	---	---	---	---	---	---	---	---
2,6,10,14-tetramethylhexadecane	mg/kg	---	---	---	---	---	---	---	---	---
2-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
2-phenylnaphthalene	mg/kg	---	0.2	---	---	---	---	---	---	---
2-Phenyltoluene	mg/kg	---	---	---	---	---	---	---	---	---
2,5-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
3-(2-Naphthyl)acrylaldehyde	mg/kg	---	---	---	---	---	---	---	---	---
2,7-Dimethyldibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---
2,7-dimethylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
3,6-dimethylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
4-Azapyrene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylchrysene	mg/kg	---	---	---	---	---	---	---	---	0.1
2-methylfluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
4H-Cyclopenta(def)phenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
4-methyldibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---
4-Methylnaphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
4H-Benz[de]anthracene, 5,6-dihydro-	mg/kg	---	---	---	---	---	---	---	---	---
4-Methylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
7H-Benz[de]anthracen-7-one	mg/kg	---	---	---	---	---	---	---	---	---
7-methylbenz[a]anthracene	mg/kg	---	0.6	---	---	---	---	---	---	---
9,10-Anthracenedione, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-one	mg/kg	---	0.1	---	---	---	---	---	---	---
9-Octadecenamide, (Z)-	mg/kg	---	---	---	---	---	---	---	---	2
9-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-ol	mg/kg	---	---	---	---	---	---	---	---	---
9H-Cyclopenta[a]pyrene	mg/kg	---	0.6	---	---	---	---	---	---	---
3-methylbenz(j)aceanthrylene	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-4-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-methyl-4-(2-propenyl)-	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(b)naphtho[2,3-d]furan	mg/kg	---	---	---	---	---	---	---	---	0.2
Benzene, 1-propynyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1,1-(1,3-propanediyl)bis-	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[1,2-d]furan	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,1-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,3-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]triphenylene	mg/kg	---	---	---	---	---	---	---	---	---
Benzocycloheptatriene	mg/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	TFD (re-worked)	TFD (re-worked)	TFD (re-worked)
Location Code		TLA-SL-S13	TLA-SL-S13	SHO-EF-43-S3	SHO-TS1_AUK_TP105-S3	SHO-TS1_AUK_TP106-S5
Matrix Type		Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-560-1-260123	23-560-1-260123	23-3837-12-160523	106848	106848
Date		12 Jan 2023	12 Jan 2023	28 Apr 2023	02 Mar 2022	04 Mar 2022
Depth		2	2	3	4	4
	Unit					
Naphtho[2,3-b]thiophene	mg/kg	---	---	---	---	---
Octadecane	mg/kg	---	---	---	---	---
Tetracosane	mg/kg	---	---	---	---	---
Tetradecane	mg/kg	---	---	---	---	---
1,3-dimethylnaphthalene	mg/kg	---	---	---	---	---
3,4-dihydrocyclopenta(cd)pyrene	mg/kg	---	---	---	---	---
3-Aminopyrene	mg/kg	---	---	---	---	---
Anthrone	mg/kg	---	---	---	---	---
Cyclopenta(def)phenanthrene	mg/kg	---	---	---	---	---
(Z)-13-Docosenamide	mg/kg	---	---	---	---	---
1,4-dimethylnaphthalene	mg/kg	---	---	---	---	---
Anthra(1,2-b)thiophene	mg/kg	---	---	---	---	---
Naphthalene, 1-(2-propenyl)-	mg/kg	---	---	---	---	---
Naphthalene, 1,5-dimethyl-	mg/kg	---	---	---	---	---
Naphthalene, 1,2,3,4-tetramethyl-	mg/kg	---	---	---	---	---
[2.2]Paracyclonaphthane	mg/kg	---	---	---	---	---
1,2,9,10-Dibenzopyrene	mg/kg	---	---	---	---	---
Pentadecane	mg/kg	---	---	---	---	---
Pentadecane, 2,6,10,14-tetramethyl-	mg/kg	---	---	---	---	---
1,3-Diphenylbutane	mg/kg	---	---	---	---	---
1,4,5,8-Tetramethylnaphthalene	mg/kg	---	---	---	---	---
1,4,6-trimethylnaphthalene	mg/kg	---	---	---	---	---
1,7-dimethylnaphthalene	mg/kg	---	---	---	---	---
11H-Benzo(b)fluorene	mg/kg	0.3	---	---	---	---
11H-Benzo[a]fluoren-11-one	mg/kg	---	---	---	---	---
1,6,7-trimethylnaphthalene	mg/kg	---	---	---	---	---
1,6-dimethylnaphthalene	mg/kg	---	---	---	---	---
1-ethylnaphthalene	mg/kg	---	---	---	---	---
1H-Cyclopropa[l]phenanthrene, 1a,9b-dihydro-	mg/kg	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---
1-Methylchrysene	mg/kg	---	---	---	---	---
1-Methylpyrene	mg/kg	---	---	---	---	---
2,3,6-trimethylnaphthalene	mg/kg	---	---	---	---	---
2,3-dimethylnaphthalene	mg/kg	---	---	---	---	---
1-phenylnaphthalene	mg/kg	---	---	---	---	---
2,6-dimethylnaphthalene	mg/kg	---	---	---	---	---
2,4,6-Cycloheptatrien-1-one, 2-phenyl-	mg/kg	---	---	---	---	---
2,6,10,14-tetramethylhexadecane	mg/kg	---	---	---	---	---
2-methylantracene	mg/kg	---	---	---	---	---
2-phenylnaphthalene	mg/kg	---	---	---	---	---
2-Phenyltoluene	mg/kg	---	---	---	---	---
2,5-dimethylphenanthrene	mg/kg	---	---	---	---	---
3-(2-Naphthyl)acrylaldehyde	mg/kg	---	---	---	---	---
2,7-Dimethyldibenzothiophene	mg/kg	---	---	---	---	---
2,7-dimethylnaphthalene	mg/kg	---	---	---	---	---
3,6-dimethylphenanthrene	mg/kg	---	---	---	---	---
4-Azapyrene	mg/kg	---	---	---	---	---
2-methylchrysene	mg/kg	0.1	---	---	---	---
2-methylfluoranthene	mg/kg	---	---	---	---	---
4H-Cyclopenta(def)phenanthrene	mg/kg	---	---	---	---	---
4-methyldibenzofuran	mg/kg	---	---	---	---	---
4-Methylnaphtho[1,2-b]thiophene	mg/kg	---	---	---	---	---
4H-Benz[de]anthracene, 5,6-dihydro-	mg/kg	---	---	---	---	---
4-Methylphenanthrene	mg/kg	---	---	---	---	---
7H-Benz[de]anthracen-7-one	mg/kg	---	---	---	---	---
7-methylbenz[a]anthracene	mg/kg	---	---	---	---	---
9,10-Anthracenedione, 2-methyl-	mg/kg	---	---	---	---	---
9H-Fluoren-9-one	mg/kg	---	---	---	---	---
9-Octadecenamide, (Z)-	mg/kg	1.8	---	---	---	---
9-methylantracene	mg/kg	---	---	---	---	---
9H-Fluoren-9-ol	mg/kg	---	---	---	---	---
9H-Cyclopenta[a]pyrene	mg/kg	---	---	---	---	---
3-methylbenz[j]aceanthrylene	mg/kg	---	---	---	---	---
Benzene, 1-ethenyl-4-methyl-	mg/kg	---	---	---	---	---
Benzene, 1-methyl-4-(2-propenyl)-	mg/kg	---	---	---	---	---
Benzo(b)naphtho(2,3-d)furan	mg/kg	---	---	---	---	---
Benzene, 1-propynyl-	mg/kg	---	---	---	---	---
Benzene, 1,1-(1,3-propanediyl)bis-	mg/kg	---	---	---	---	---
Benzo[b]naphtho[1,2-d]furan	mg/kg	---	---	---	---	---
Benzo[b]naphtho[2,1-d]thiophene	mg/kg	---	---	---	---	---
Benzo[b]naphtho[2,3-d]thiophene	mg/kg	---	---	---	---	---
Benzo[b]triphenylene	mg/kg	---	---	---	---	---
Benzocycloheptatriene	mg/kg	---	---	---	---	---

Matrix Description		CMG	CMG	CMG	CMG	CMG	CMG	CMG	CMG	CMG
Location Code		SHO-DY-48-S1	SHO-DZ-48-S1	SHO-ED-41-S3	SHO-ED-51-S4	SHO-ED-51-S4	SHO-EF-42-S2	SHO-EF-44-S2	SHO-EF-49-S2	SHO-SL-S2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-2-290323	23-3460-1-150323	23-3837-3-040423	23-3837-1-170323	23-3837-1-170323	23-3837-4-120423	23-3837-3-040423	23-3837-1-170323	23-560-1-260123
Date		21 Mar 2023	01 Mar 2023	22 Mar 2023	07 Mar 2023	07 Mar 2023	29 Mar 2023	23 Mar 2023	08 Mar 2023	13 Jan 2023
Depth		1.5	1.5	4.5	4	4	3	3	2.5	4.5
	Unit									
Dibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---
Diphenylmethane	mg/kg	---	---	---	---	---	---	---	---	---
di-p-Tolylacetylene	mg/kg	---	---	---	---	---	---	---	---	---
Hexadecane	mg/kg	---	---	---	---	---	---	---	---	---
Hexaethylenecyclohexane	mg/kg	---	---	---	---	---	---	---	---	---
Indeno(2,1-b)chromene	mg/kg	---	---	---	---	---	---	---	---	---
Molecular Sulphur	mg/kg	---	---	---	---	---	---	---	---	---
Phenaleno[1,9-bc]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Phenanthrene, 1-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Rubcene	mg/kg	---	---	---	---	---	---	---	---	---
4-Terphenyl-d14	mg/kg	---	---	---	---	---	---	---	---	---
5,12-Naphthacenedione	mg/kg	---	---	---	---	---	---	---	---	---
TRICOSANE	mg/kg	---	---	---	---	---	---	---	---	---
Tridecane	mg/kg	---	---	---	---	---	---	---	---	---
VOC TIC										
Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	mg/kg	---	---	---	---	---	---	---	---	---
Cyclopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Undecane	mg/kg	---	---	---	---	---	---	---	---	---
1-ethenyl-3-ethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
2-Methylindene	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 2-ethenyl-1,4-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-3methyl-	mg/kg	---	---	---	---	---	---	---	---	---
1-propenylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Other										
% Moisture	%	---	---	---	---	---	---	---	---	---
Natural Moisture Content	percent	---	---	---	23.6	---	---	---	---	22.2
Organic Matter	%	---	---	---	0	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	0
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	0
Moisture Content 105C	%	---	---	---	---	---	---	---	---	23.5
pH (Lab)	pH_Units	11.85	11.32	9.43	11.05	---	10.53	11.4	7.73	8.47
Total Organic Carbon	%	---	---	---	---	---	---	---	---	---
Calorific Value										
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---	---

Matrix Description		CMG	CMG	CMG	CMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-SL-S21	SHO-SL-S37	SHO-SL-S37	TLA-SL-S3	SHO-DY-46-S3	SHO-DY-48-S2	SHO-DY-48-S3	SHO-DZ-45-S1	SHO-DZ-45-S4
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-919-1-300123	23-1151-1-070223	23-1151-1-070223	23-524-1-260123	23-3837-1-170323	23-3837-2-290323	23-3837-2-290323	23-3837-1-170323	23-3837-9-050523
Date		20 Jan 2023	23 Jan 2023	23 Jan 2023	11 Jan 2023	08 Mar 2023	21 Mar 2023	21 Mar 2023	08 Mar 2023	19 Apr 2023
Depth					3	4.5	3	4.5	1.5	3
	Unit									
Dibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---
Diphenylmethane	mg/kg	---	---	---	---	---	---	---	---	---
di-p-Tolylacetylene	mg/kg	---	---	---	---	---	---	---	---	---
Hexadecane	mg/kg	---	---	---	---	---	---	---	---	---
Hexaethylenecyclohexane	mg/kg	---	---	---	---	---	---	---	---	---
Indeno(2,1-b)chromene	mg/kg	---	---	---	---	---	---	---	---	---
Molecular Sulphur	mg/kg	---	---	---	---	---	---	---	---	---
Phenaleno[1,9-bc]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Phenanthrene, 1-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Rubcene	mg/kg	---	---	---	---	---	---	---	---	---
4-Terphenyl-d14	mg/kg	---	---	---	---	---	---	---	---	---
5,12-Naphthacenedione	mg/kg	---	---	---	---	---	---	---	---	---
TRICOSANE	mg/kg	---	---	---	---	---	---	---	---	---
Tridecane	mg/kg	---	---	---	---	---	---	---	---	---
VOC TIC										
Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	mg/kg	---	---	---	---	---	---	---	---	---
Cyclopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Undecane	mg/kg	---	---	---	---	---	---	---	---	---
1-ethenyl-3-ethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
2-Methylindene	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 2-ethenyl-1,4-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-3methyl-	mg/kg	---	---	---	---	---	---	---	---	---
1-propenylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Other										
% Moisture	%	---	---	---	---	---	---	---	---	---
Natural Moisture Content	percent	24.6	18.1	---	19.1	---	---	---	---	---
Organic Matter	%	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	0	0.005	---	0	---	---	---	---	---
Acid Reserve	gNaOH/100g	0	0	---	0	---	---	---	---	---
Moisture Content 105C	%	26.5	29.9	---	23.1	---	---	---	---	---
pH (Lab)	pH_Units	8.62	10.24	---	9.64	10.14	11.44	12.64	12.41	12.55
Total Organic Carbon	%	---	---	---	---	---	---	---	---	---
Calorific Value										
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-DZ-45-S5	SHO-DZ-45-S6	SHO-DZ-45-S7	SHO-DZ-45-S8	SHO-DZ-45-S9	SHO-DZ-46-S1	SHO-DZ-46-S2	SHO-DZ-49-S1	SHO-EA-44-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-2-290323	23-3837-2-290323	23-3460-1-150323	23-3837-2-290323
Date		19 Apr 2023	19 Apr 2023	19 Apr 2023	19 Apr 2023	19 Apr 2023	21 Mar 2023	21 Mar 2023	01 Mar 2023	22 Mar 2023
Depth		2.5	2.5	2.5	2.5		1.5	3	1.5	1.5
	Unit									
Dibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---
Diphenylmethane	mg/kg	---	---	---	---	---	---	---	---	---
di-p-Tolylacetylene	mg/kg	---	---	---	---	---	---	---	---	---
Hexadecane	mg/kg	---	---	---	---	---	---	---	---	---
Hexaethylenecyclohexane	mg/kg	---	---	---	---	---	---	---	---	---
Indeno(2,1-b)chromene	mg/kg	---	---	---	---	---	---	---	---	---
Molecular Sulphur	mg/kg	---	---	---	---	---	---	---	---	---
Phenaleno[1,9-bc]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Phenanthrene, 1-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Rubcene	mg/kg	---	---	---	---	---	---	---	---	---
4-Terphenyl-d14	mg/kg	---	---	---	---	---	---	---	---	---
5,12-Naphthacenedione	mg/kg	---	---	---	---	---	---	---	---	---
TRICOSANE	mg/kg	---	---	---	---	---	---	---	---	---
Tridecane	mg/kg	---	---	---	---	---	---	---	---	---
VOC TIC										
Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	mg/kg	---	---	---	---	---	---	---	---	---
Cyclopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Undecane	mg/kg	---	---	---	---	---	---	---	---	---
1-ethenyl-3-ethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
2-Methylindene	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 2-ethenyl-1,4-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-3methyl-	mg/kg	---	---	---	---	---	---	---	---	---
1-propenylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Other										
% Moisture	%	---	---	---	---	---	---	---	---	---
Natural Moisture Content	percent	---	---	---	---	---	---	---	---	---
Organic Matter	%	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---
Moisture Content 105C	%	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	12.57	12.58	10.26	12.59	11.9	10.74	10.85	12.23	8.24
Total Organic Carbon	%	---	---	---	---	---	---	---	---	---
Calorific Value										
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-EA-44-S8	SHO-EA-46-S1	SHO-EA-46-S2	SHO-EA-47-S2	SHO-EA-49-S1	SHO-EA-49-S2	SHO-EA-50-S3	SHO-EB-43-S1	SHO-EB-45-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-6-210423	23-3460-1-150323	23-3460-1-150323	23-3460-1-150323	23-3460-1-150323	23-3460-1-150323	23-3460-1-150323	23-3837-3-040423	23-3837-1-170323
Date		13 Apr 2023	03 Mar 2023	03 Mar 2023	01 Mar 2023	02 Mar 2023	02 Mar 2023	02 Mar 2023	23 Mar 2023	06 Mar 2023
Depth		4.5	1.5	3	3	1.5	3	4.5	1.5	1.5
	Unit									
Dibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---
Diphenylmethane	mg/kg	---	---	---	---	---	---	---	---	---
di-p-Tolylacetylene	mg/kg	---	---	---	---	---	---	---	---	---
Hexadecane	mg/kg	---	---	---	---	---	---	---	---	---
Hexaethylenecyclohexane	mg/kg	---	---	---	---	---	---	---	---	---
Indeno(2,1-b)chromene	mg/kg	---	---	---	---	---	---	---	---	---
Molecular Sulphur	mg/kg	---	---	---	---	---	---	---	---	---
Phenaleno[1,9-bc]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Phenanthrene, 1-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Rubcene	mg/kg	---	---	---	---	---	---	---	---	---
4-Terphenyl-d14	mg/kg	---	---	---	---	---	---	---	---	---
5,12-Naphthacenedione	mg/kg	---	---	---	---	---	---	---	---	---
TRICOSANE	mg/kg	---	---	---	---	---	---	---	---	---
Tridecane	mg/kg	---	---	---	---	---	---	---	---	---
VOC TIC										
Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	mg/kg	---	---	---	---	---	---	---	---	---
Cyclopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Undecane	mg/kg	---	---	---	---	---	---	---	---	---
1-ethenyl-3-ethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
2-Methylindene	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 2-ethenyl-1,4-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-3methyl-	mg/kg	---	---	---	---	---	---	---	---	---
1-propenylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Other										
% Moisture	%	---	---	---	---	---	---	---	---	---
Natural Moisture Content	percent	---	---	---	---	---	---	---	---	---
Organic Matter	%	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---
Moisture Content 105C	%	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	10.08	12.24	12.4	12.55	11.82	11.02	---	8.02	12.25
Total Organic Carbon	%	---	---	---	---	---	---	---	---	---
Calorific Value										
Calorific Value	MJ/kg	---	---	---	---	---	---	7	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-EB-45-S2	SHO-EB-46-S1	SHO-EB-46-S2	SHO-EB-49-S3	SHO-EB-50-S2	SHO-EC-42-S2	SHO-EC-45-S1	SHO-EC-46-S1	SHO-EC-49-S3
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-1-170323	23-3460-1-150323	23-3460-1-150323	23-3837-14-230523	23-3837-14-230523	23-3837-3-040423	23-3837-1-170323	23-3460-1-150323	23-3837-14-230523
Date		06 Mar 2023	03 Mar 2023	03 Mar 2023	11 May 2023	11 May 2023	23 Mar 2023	06 Mar 2023	03 Mar 2023	11 May 2023
Depth		3	1.5	3	4.5	3	3	1.5	0.5	4.5
	Unit									
Dibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---
Diphenylmethane	mg/kg	---	---	---	---	---	---	---	---	---
di-p-Tolylacetylene	mg/kg	---	---	---	---	---	---	---	---	---
Hexadecane	mg/kg	---	---	---	---	---	---	---	---	---
Hexaethylenecyclohexane	mg/kg	---	---	---	---	---	---	---	---	---
Indeno(2,1-b)chromene	mg/kg	---	---	---	---	---	---	---	---	---
Molecular Sulphur	mg/kg	---	---	---	---	---	---	---	---	---
Phenaleno[1,9-bc]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Phenanthrene, 1-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Rubcene	mg/kg	---	---	---	---	---	---	---	---	---
4-Terphenyl-d14	mg/kg	---	---	---	---	---	---	---	---	---
5,12-Naphthacenedione	mg/kg	---	---	---	---	---	---	---	---	---
TRICOSANE	mg/kg	---	---	---	---	---	---	---	---	---
Tridecane	mg/kg	---	---	---	---	---	---	---	---	---
VOC TIC										
Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	mg/kg	---	---	---	---	---	---	---	---	---
Cyclopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Undecane	mg/kg	---	---	---	---	---	---	---	---	---
1-ethenyl-3-ethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
2-Methylindene	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 2-ethenyl-1,4-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-3methyl-	mg/kg	---	---	---	---	---	---	---	---	---
1-propenylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Other										
% Moisture	%	---	---	---	---	---	---	---	---	---
Natural Moisture Content	percent	---	---	---	---	---	---	---	---	---
Organic Matter	%	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---
Moisture Content 105C	%	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	12.53	12.28	11.99	12.49	12.46	10.22	11.55	9.32	12.22
Total Organic Carbon	%	---	---	---	---	---	---	---	---	---
Calorific Value										
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-EC-51-S1	SHO-ED-42-S2	SHO-ED-42-S3	SHO-ED-43-S2	SHO-ED-45-S2	SHO-ED-47-S2	SHO-ED-48-S2	SHO-ED-49-S1	SHO-ED-49-S2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-1-170323	23-3837-3-040423	23-3837-3-040423	23-3837-2-290323	23-3837-1-170323	23-3837-4-120423	23-3837-4-120423	23-3837-14-230523	23-3837-14-230523
Date		06 Mar 2023	22 Mar 2023	22 Mar 2023	22 Mar 2023	06 Mar 2023	30 Mar 2023	30 Mar 2023	11 May 2023	11 May 2023
Depth		1.5	3	4.5	3	3	1.5	1.5	1.5	3
	Unit									
Dibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---
Diphenylmethane	mg/kg	---	---	---	---	---	---	---	---	---
di-p-Tolylacetylene	mg/kg	---	---	---	---	---	---	---	---	---
Hexadecane	mg/kg	---	---	---	---	---	---	---	---	---
Hexaethylenecyclohexane	mg/kg	---	---	---	---	---	---	---	---	---
Indeno(2,1-b)chromene	mg/kg	---	---	---	---	---	---	---	---	---
Molecular Sulphur	mg/kg	---	---	---	---	---	---	---	---	---
Phenaleno[1,9-bc]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Phenanthrene, 1-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Rubicene	mg/kg	---	---	---	---	---	---	---	---	---
4-Terphenyl-d14	mg/kg	---	---	---	---	---	---	---	---	---
5,12-Naphthacenedione	mg/kg	---	---	---	---	---	---	---	---	---
TRICOSANE	mg/kg	---	---	---	---	---	---	---	---	---
Tridecane	mg/kg	---	---	---	---	---	---	---	---	---
VOC TIC										
Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	mg/kg	---	---	---	---	---	---	---	---	---
Cyclopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Undecane	mg/kg	---	---	---	---	---	---	---	---	---
1-ethenyl-3-ethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
2-Methylindene	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 2-ethenyl-1,4-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-3methyl-	mg/kg	---	---	---	---	---	---	---	---	---
1-propenylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Other										
% Moisture	%	---	---	---	---	---	---	---	---	---
Natural Moisture Content	percent	---	---	---	---	---	---	---	---	---
Organic Matter	%	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---
Moisture Content 105C	%	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	12.03	9.63	10.42	10.58	9.21	11.69	8.47	12.29	12.24
Total Organic Carbon	%	---	---	---	---	---	---	---	---	---
Calorific Value										
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-ED-49-S3	SHO-ED-50-S3	SHO-EE-45-S2	SHO-EE-45-S3	SHO-EF-42-S3	SHO-EF-45-S3	SHO-EF-46-S3	SHO-EF-49-S1	SHO-EG-43-S2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-14-230523	23-3837-1-170323	23-3837-5-180423	23-3837-5-180423	23-3837-4-120423	23-3837-4-120423	23-3837-4-120423	23-3837-1-170323	23-3837-5-180423
Date		11 May 2023	07 Mar 2023	05 Apr 2023	05 Apr 2023	29 Mar 2023	30 Mar 2023	30 Mar 2023	09 Mar 2023	04 Apr 2023
Depth		4.5	4.5	3	4.5	4.5	3	3	1.5	3
	Unit									
Dibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---
Diphenylmethane	mg/kg	---	---	---	---	---	---	---	---	---
di-p-Tolylacetylene	mg/kg	---	---	---	---	---	---	---	---	---
Hexadecane	mg/kg	---	---	---	---	---	---	---	---	---
Hexaethyridenecyclohexane	mg/kg	---	---	---	---	---	---	---	---	---
Indeno(2,1-b)chromene	mg/kg	---	---	---	---	---	---	---	---	---
Molecular Sulphur	mg/kg	---	---	---	---	---	---	---	---	---
Phenaleno[1,9-bc]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Phenanthrene, 1-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Rubcene	mg/kg	---	---	---	---	---	---	---	---	---
4-Terphenyl-d14	mg/kg	---	---	---	---	---	---	---	---	---
5,12-Naphthacenedione	mg/kg	---	---	---	---	---	---	---	---	---
TRICOSANE	mg/kg	---	---	---	---	---	---	---	---	---
Tridecane	mg/kg	---	---	---	---	---	---	---	---	---
VOC TIC										
Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	mg/kg	---	---	---	---	---	---	---	---	---
Cyclopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Undecane	mg/kg	---	---	---	---	---	---	---	---	---
1-ethenyl-3-ethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
2-Methylindene	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 2-ethenyl-1,4-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-3methyl-	mg/kg	---	---	---	---	---	---	---	---	---
1-propenylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Other										
% Moisture	%	---	---	---	---	---	---	---	---	---
Natural Moisture Content	percent	---	---	---	---	---	---	---	---	---
Organic Matter	%	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---
Moisture Content 105C	%	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	11.94	12.56	9.82	9.64	10.05	11.01	12.43	8.09	11.72
Total Organic Carbon	%	---	---	---	---	---	---	---	---	---
Calorific Value										
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-EG-44-S2	SHO-EH-45-S3	SHO-EH-46-S3	SHO-EI-43-S1	SHO-EI-44-S1	SHO-EI-44-S2	SHO-EI-44-S3	SHO-EJ-44-S1	SHO-EI-47-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-3837-5-180423	23-3837-14-230523	23-3837-6-210423	23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-9-050523	23-3837-10-120523	23-3837-13-150523
Date		04 Apr 2023	10 May 2023	14 Apr 2023	20 Apr 2023	20 Apr 2023	20 Apr 2023	20 Apr 2023	27 Apr 2023	03 May 2023
Depth		3		3	0.1	0.1	1.5	2.5		1.5
	Unit									
Dibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---
Diphenylmethane	mg/kg	---	---	---	---	---	---	---	---	---
di-p-Tolylacetylene	mg/kg	---	---	---	---	---	---	---	---	---
Hexadecane	mg/kg	---	---	---	---	---	---	---	---	---
Hexaethyridenecyclohexane	mg/kg	---	---	---	---	---	---	---	---	---
Indeno(2,1-b)chromene	mg/kg	---	---	---	---	---	---	---	---	---
Molecular Sulphur	mg/kg	---	---	---	---	---	---	---	---	---
Phenaleno[1,9-bc]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Phenanthrene, 1-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
Rubicene	mg/kg	---	---	---	---	---	---	---	---	---
4-Terphenyl-d14	mg/kg	---	---	---	---	---	---	---	---	---
5,12-Naphthacenedione	mg/kg	---	---	---	---	---	---	---	---	---
TRICOSANE	mg/kg	---	---	---	---	---	---	---	---	---
Tridecane	mg/kg	---	---	---	---	---	---	---	---	---
VOC TIC										
Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	mg/kg	---	---	---	---	---	---	---	---	---
Cyclopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Undecane	mg/kg	---	---	---	---	---	---	---	---	---
1-ethenyl-3-ethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
2-Methylindene	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 2-ethenyl-1,4-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-3methyl-	mg/kg	---	---	---	---	---	---	---	---	---
1-propenylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Other										
% Moisture	%	---	---	---	---	---	---	---	---	---
Natural Moisture Content	percent	---	---	---	---	---	---	---	---	---
Organic Matter	%	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---
Moisture Content 105C	%	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	11.74	11.56	11.09	10.01	8.69	9.1	9.2	8.65	8.2
Total Organic Carbon	%	---	---	---	---	---	---	---	---	---
Calorific Value										
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-SL-S1	SHO-SL-S1	SHO-SL-S4	SHO-SL-S4	SHO-SL-S9	SHO-SL-S9	SHO-SL-S10	SHO-SL-S10	SHO-SL-S11	SHO-SL-S11
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123	23-632-1-260123
Date		13 Jan 2023	13 Jan 2023	13 Jan 2023	13 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023	16 Jan 2023
Depth		2	2	4	4						
	Unit										
Dibenzothiophene	mg/kg	---	---	0.8	---	---	---	---	---	---	---
Diphenylmethane	mg/kg	---	---	---	---	---	---	---	---	---	---
di-p-Tolylacetylene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexadecane	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexaethylenecyclohexane	mg/kg	---	---	---	---	---	---	1.3	---	---	---
Indeno(2,1-b)chromene	mg/kg	---	---	---	---	---	---	0.3	---	---	---
Molecular Sulphur	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenaleno[1,9-bc]thiophene	mg/kg	---	---	---	---	---	---	---	---	3.4	---
Phenanthrene, 1-methyl-	mg/kg	0.2	---	---	---	---	---	0.2	---	14.6	---
Rubcene	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Terphenyl-d14	mg/kg	---	---	1.6	---	---	---	---	---	---	---
5,12-Naphthacenedione	mg/kg	---	---	0.7	---	---	---	---	---	1.3	---
TRICOSANE	mg/kg	0.2	---	---	---	---	---	---	---	---	---
Tridecane	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC TIC											
Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyclopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Undecane	mg/kg	---	---	---	---	---	---	---	---	---	---
1-ethenyl-3-ethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methylindene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzene, 2-ethenyl-1,4-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-3methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
1-propenylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Other											
% Moisture	%	---	---	---	---	---	---	---	---	---	---
Natural Moisture Content	percent	12.4	---	7.5	---	9.4	---	11.1	---	11.5	---
Organic Matter	%	---	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	0.063	---	0.025	---	0.146	---	0.052	---	0.412	---
Acid Reserve	gNaOH/100g	0	---	0	---	0	---	0	---	0	---
Moisture Content 105C	%	20.2	---	11	---	16.0	---	15.9	---	16.7	---
pH (Lab)	pH_Units	12.13	---	11.59	---	12.36	---	11.76	---	12.61	---
Total Organic Carbon	%	---	---	---	---	---	---	---	---	---	---
Calorific Value											
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-SL-S16	SHO-SL-S16	SHO-SL-S17	SHO-SL-S17	SHO-SL-S18	SHO-SL-S18	SHO-SL-S19	SHO-SL-S19	SHO-SL-S20	SHO-SL-S24
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-919-1-300123
Date		19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	20 Jan 2023
Depth											
	Unit										
Dibenzothiophene	mg/kg	3.8	---	---	---	---	---	---	---	---	1.5
Diphenylmethane	mg/kg	1.9	---	---	---	---	---	---	---	---	---
di-p-Tolylacetylene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexadecane	mg/kg	---	---	---	---	---	---	0.7	---	---	---
Hexaethylenecyclohexane	mg/kg	---	---	---	---	---	---	---	---	---	0.9
Indeno(2,1-b)chromene	mg/kg	---	---	---	---	---	---	---	---	---	---
Molecular Sulphur	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenaleno[1,9-bc]thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenanthrene, 1-methyl-	mg/kg	5.7	---	---	---	---	---	---	---	---	3.4
Rubcene	mg/kg	---	---	---	---	0.2	---	---	---	---	---
4-Terphenyl-d14	mg/kg	---	---	---	---	---	---	---	---	---	---
5,12-Naphthacenedione	mg/kg	---	---	---	---	---	---	---	---	---	---
TRICOSANE	mg/kg	---	---	---	---	---	---	0.3	---	---	---
Tridecane	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC TIC											
Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyclopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Undecane	mg/kg	---	---	---	---	---	---	---	---	---	---
1-ethenyl-3-ethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methylindene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzene, 2-ethenyl-1,4-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-3methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
1-propenylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Other											
% Moisture	%	---	---	---	---	---	---	---	---	---	---
Natural Moisture Content	percent	10.9	---	11.6	---	10.2	---	11.4	---	7.6	10.5
Organic Matter	%	---	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	0.041	---	0.007	---	0	---	0.241	---	0.423	0.007
Acid Reserve	gNaOH/100g	0	---	0	---	0	---	0	---	0	0
Moisture Content 105C	%	15.5	---	11.6	---	14.7	---	17.7	---	11.3	15.8
pH (Lab)	pH_Units	11.6	---	10.7	---	8.59	---	12.4	---	12.6	10.75
Total Organic Carbon	%	---	---	---	---	---	---	---	---	---	---
Calorific Value											
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-SL-S24	SHO-SL-S25	SHO-SL-S25	SHO-SL-S28	SHO-SL-S28	SHO-SL-S31	SHO-SL-S31	SHO-SL-S34	SHO-SL-S34
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-919-1-300123	23-919-1-300123	23-919-1-300123	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223
Date		20 Jan 2023	20 Jan 2023	20 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023
Depth										
	Unit									
Dibenzothiophene	mg/kg	---	0.2	---	---	---	---	---	---	---
Diphenylmethane	mg/kg	---	---	---	---	---	---	---	---	---
di-p-Tolylacetylene	mg/kg	---	---	---	---	---	---	---	---	---
Hexadecane	mg/kg	---	---	---	---	---	---	---	---	---
Hexaethylidenecyclohexane	mg/kg	---	---	---	---	---	---	---	---	---
Indeno(2,1-b)chromene	mg/kg	---	---	---	---	---	---	---	---	---
Molecular Sulphur	mg/kg	---	---	---	---	---	---	---	0.1	---
Phenaleno[1,9-bc]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Phenanthrene, 1-methyl-	mg/kg	---	0.6	---	---	---	---	---	0.2	---
Rubcene	mg/kg	---	---	---	---	---	---	---	---	---
4-Terphenyl-d14	mg/kg	---	---	---	---	---	---	---	---	---
5,12-Naphthacenedione	mg/kg	---	---	---	---	---	---	---	---	---
TRICOSANE	mg/kg	---	---	---	---	---	---	---	---	---
Tridecane	mg/kg	---	---	---	---	---	---	---	---	---
VOC TIC										
Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	mg/kg	---	---	---	6.3	55.6	---	---	---	---
Cyclopropylbenzene	mg/kg	---	---	---	7.8	---	---	---	---	---
Undecane	mg/kg	---	---	---	9.1	14.6	---	---	---	---
1-ethenyl-3-ethylbenzene	mg/kg	---	---	---	4.1	---	0.2	---	---	---
2-Methylindene	mg/kg	---	---	---	5.4	47.1	0.9	---	---	---
Benzene, 2-ethenyl-1,4-dimethyl-	mg/kg	---	---	---	6.4	---	---	---	---	---
Benzene, 1-ethenyl-3methyl-	mg/kg	---	---	---	18.1	---	1.2	---	---	---
1-propenylbenzene	mg/kg	---	---	---	4.6	---	---	---	---	---
Other										
% Moisture	%	---	---	---	---	---	---	---	---	---
Natural Moisture Content	percent	---	10.8	---	21.7	---	8.6	---	9.8	---
Organic Matter	%	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	0.151	---	0.701	---	0.075	---	0	---
Acid Reserve	gNaOH/100g	---	0	---	0	---	0	---	0	---
Moisture Content 105C	%	---	19.7	---	24.9	---	13.8	---	12.2	---
pH (Lab)	pH_Units	---	12.18	---	12.52	---	11.89	---	8.91	---
Total Organic Carbon	%	---	---	---	---	---	---	---	---	---
Calorific Value										
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---	---

Steel House (TLA) Made Ground Soil

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-SL-S40	SHO-SL-S40	SHO-TS1_AUK_TP101-S2	SHO-TS1_AUK_TP102-S2	SHO-TS1_AUK_TP102-S4	SHO-TS1_AUK_TP103-S3	SHO-TS1_AUK_TP104-S2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-1151-1-070223	23-1151-1-070223	106848	106848	106848	106848	106848
Date		23 Jan 2023	23 Jan 2023	02 Mar 2022	02 Mar 2022	02 Mar 2022	03 Mar 2022	02 Mar 2022
Depth				3.5	2.5	4.7	1	1.6
	Unit							
Dibenzothiophene	mg/kg	---	---	---	---	---	---	---
Diphenylmethane	mg/kg	---	---	---	---	---	---	---
di-p-Tolylacetylene	mg/kg	---	---	---	---	---	---	---
Hexadecane	mg/kg	---	---	---	---	---	---	---
Hexaethylenecyclohexane	mg/kg	---	---	---	---	---	---	---
Indeno(2,1-b)chromene	mg/kg	---	---	---	---	---	---	---
Molecular Sulphur	mg/kg	---	---	---	---	---	---	---
Phenaleno[1,9-bc]thiophene	mg/kg	---	---	---	---	---	---	---
Phenanthrene, 1-methyl-	mg/kg	---	---	---	---	---	---	---
Rubcene	mg/kg	---	---	---	---	---	---	---
4-Terphenyl-d14	mg/kg	---	---	---	---	---	---	---
5,12-Naphthacenedione	mg/kg	---	---	---	---	---	---	---
TRICOSANE	mg/kg	---	---	---	---	---	---	---
Tridecane	mg/kg	---	---	---	---	---	---	---
VOC TIC								
Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	mg/kg	---	---	---	---	---	---	---
Cyclopropylbenzene	mg/kg	---	---	---	---	---	---	---
Undecane	mg/kg	---	---	---	---	---	---	---
1-ethenyl-3-ethylbenzene	mg/kg	---	---	---	---	---	---	---
2-Methylindene	mg/kg	---	---	---	---	---	---	---
Benzene, 2-ethenyl-1,4-dimethyl-	mg/kg	---	---	---	---	---	---	---
Benzene, 1-ethenyl-3methyl-	mg/kg	---	---	---	---	---	---	---
1-propenylbenzene	mg/kg	---	---	---	---	---	---	---
Other								
% Moisture	%	---	---	1.1	6.5	4.9	1.5	3.1
Natural Moisture Content	percent	9.9	---	---	---	---	---	---
Organic Matter	%	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	0	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	0	---	---	---	---	---	---
Moisture Content 105C	%	17.3	---	---	---	---	---	---
pH (Lab)	pH_Units	9.34	---	12.1	8.4	8.9	10.7	10.5
Total Organic Carbon	%	---	---	0.6	3.8	2.9	0.9	1.8
Calorific Value								
Calorific Value	MJ/kg	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-TS1_AUK_TP105-S4	SHO-TS1_AUK_TP106-S2	SHO-TS1_AUK_TP107-S2	SHO-TS1_AUK_TP107-S5	SHO-TS1_AUK_TP107-S7	SHO-TS1_AUK_TP108-S1	SHO-TS1_AUK_TP109-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		106848	106848	106848	106848	106848	106848	106848
Date		02 Mar 2022	04 Mar 2022	04 Mar 2022	04 Mar 2022	04 Mar 2022	03 Mar 2022	03 Mar 2022
Depth		1	2.5	1	3	4.2	3	3.5
	Unit							
Dibenzothiophene	mg/kg	---	---	---	---	---	---	---
Diphenylmethane	mg/kg	---	---	---	---	---	---	---
di-p-Tolylacetylene	mg/kg	---	---	---	---	---	---	---
Hexadecane	mg/kg	---	---	---	---	---	---	---
Hexaethylenecyclohexane	mg/kg	---	---	---	---	---	---	---
Indeno(2,1-b)chromene	mg/kg	---	---	---	---	---	---	---
Molecular Sulphur	mg/kg	---	---	---	---	---	---	---
Phenaleno[1,9-bc]thiophene	mg/kg	---	---	---	---	---	---	---
Phenanthrene, 1-methyl-	mg/kg	---	---	---	---	---	---	---
Rubcene	mg/kg	---	---	---	---	---	---	---
4-Terphenyl-d14	mg/kg	---	---	---	---	---	---	---
5,12-Naphthacenedione	mg/kg	---	---	---	---	---	---	---
TRICOSANE	mg/kg	---	---	---	---	---	---	---
Tridecane	mg/kg	---	---	---	---	---	---	---
VOC TIC								
Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	mg/kg	---	---	---	---	---	---	---
Cyclopropylbenzene	mg/kg	---	---	---	---	---	---	---
Undecane	mg/kg	---	---	---	---	---	---	---
1-ethenyl-3-ethylbenzene	mg/kg	---	---	---	---	---	---	---
2-Methylindene	mg/kg	---	---	---	---	---	---	---
Benzene, 2-ethenyl-1,4-dimethyl-	mg/kg	---	---	---	---	---	---	---
Benzene, 1-ethenyl-3methyl-	mg/kg	---	---	---	---	---	---	---
1-propenylbenzene	mg/kg	---	---	---	---	---	---	---
Other								
% Moisture	%	9.9	3.2	2.7	4.3	1.4	2.2	3.6
Natural Moisture Content	percent	---	---	---	---	---	---	---
Organic Matter	%	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---
Moisture Content 105C	%	---	---	---	---	---	---	---
pH (Lab)	pH_Units	10.6	10.5	8.5	12	11.8	10.8	9.3
Total Organic Carbon	%	5.8	1.9	1.6	2.5	0.8	1.3	2.1
Calorific Value								
Calorific Value	MJ/kg	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-TS1_AUK_TP110-S1	SHO-TS1_AUK_TP111-S1	SHO-TS1_AUK_TP111-S3	SHO-TS1_AUK_TP112-S1	SHO-TS1_AUK_TP113-S1	SHO-TS1_AUK_TP114-S1	TLA-SL-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		106848	106848	106848	106848	106848	106848	23-524-1-260123
Date		03 Mar 2022	03 Mar 2022	03 Mar 2022	04 Mar 2022	04 Mar 2022	04 Mar 2022	11 Jan 2023
Depth		2.5	4	2.2	1.5	1.5	2	1
	Unit							
Dibenzothiophene	mg/kg	---	---	---	---	---	---	---
Diphenylmethane	mg/kg	---	---	---	---	---	---	---
di-p-Tolylacetylene	mg/kg	---	---	---	---	---	---	---
Hexadecane	mg/kg	---	---	---	---	---	---	0.186
Hexaethylenecyclohexane	mg/kg	---	---	---	---	---	---	---
Indeno(2,1-b)chromene	mg/kg	---	---	---	---	---	---	---
Molecular Sulphur	mg/kg	---	---	---	---	---	---	---
Phenaleno[1,9-bc]thiophene	mg/kg	---	---	---	---	---	---	---
Phenanthrene, 1-methyl-	mg/kg	---	---	---	---	---	---	---
Rubcene	mg/kg	---	---	---	---	---	---	---
4-Terphenyl-d14	mg/kg	---	---	---	---	---	---	---
5,12-Naphthacenedione	mg/kg	---	---	---	---	---	---	---
TRICOSANE	mg/kg	---	---	---	---	---	---	---
Tridecane	mg/kg	---	---	---	---	---	---	---
VOC TIC								
Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	mg/kg	---	---	---	---	---	---	---
Cyclopropylbenzene	mg/kg	---	---	---	---	---	---	---
Undecane	mg/kg	---	---	---	---	---	---	---
1-ethenyl-3-ethylbenzene	mg/kg	---	---	---	---	---	---	---
2-Methylindene	mg/kg	---	---	---	---	---	---	---
Benzene, 2-ethenyl-1,4-dimethyl-	mg/kg	---	---	---	---	---	---	---
Benzene, 1-ethenyl-3methyl-	mg/kg	---	---	---	---	---	---	---
1-propenylbenzene	mg/kg	---	---	---	---	---	---	---
Other								
% Moisture	%	8.3	3.8	11.3	4	1.9	1.6	---
Natural Moisture Content	percent	---	---	---	---	---	---	13.5
Organic Matter	%	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	0.072
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	0
Moisture Content 105C	%	---	---	---	---	---	---	18.7
pH (Lab)	pH_Units	10	9.1	8.8	11.7	10	9.1	12
Total Organic Carbon	%	4.8	2.2	6.5	2.3	1.1	0.9	---
Calorific Value								
Calorific Value	MJ/kg	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		TLA-SL-S1	TLA-SL-S2	TLA-SL-S2	TLA-SL-S4	TLA-SL-S4	TLA-SL-S5	TLA-SL-S5	TLA-SL-S6	TLA-SL-S6	TLA-SL-S7
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-560-1-260123
Date		11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	12 Jan 2023
Depth		1	2	2	3	3	3.5	3.5	2	2	1
	Unit										
Dibenzothiophene	mg/kg	---	0.251	---	---	---	1.34	---	0.514	---	---
Diphenylmethane	mg/kg	---	---	---	---	---	---	---	---	---	---
di-p-Tolylacetylene	mg/kg	---	---	---	0.194	---	---	---	---	---	---
Hexadecane	mg/kg	---	0.299	---	0.163	---	---	---	---	---	0.1
Hexaethylenecyclohexane	mg/kg	---	---	---	---	---	---	---	---	---	---
Indeno(2,1-b)chromene	mg/kg	---	---	---	---	---	---	---	---	---	---
Molecular Sulphur	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenaleno[1,9-bc]thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenanthrene, 1-methyl-	mg/kg	---	0.593	---	0.26	---	2.29	---	1.24	---	---
Rubcene	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Terphenyl-d14	mg/kg	---	---	---	---	---	---	---	---	---	---
5,12-Naphthacenedione	mg/kg	---	---	---	---	---	---	---	---	---	---
TRICOSANE	mg/kg	---	---	---	---	---	---	---	---	---	---
Tridecane	mg/kg	---	0.163	---	---	---	---	---	---	---	---
VOC TIC											
Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyclopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Undecane	mg/kg	---	---	---	---	---	---	---	---	---	---
1-ethenyl-3-ethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methylindene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzene, 2-ethenyl-1,4-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-3methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
1-propenylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Other											
% Moisture	%	---	---	---	---	---	---	---	---	---	---
Natural Moisture Content	percent	---	14.7	---	11.4	---	11.4	---	14	---	11.7
Organic Matter	%	---	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	0.157	---	0.051	---	0.03	---	0.016	---	0.049
Acid Reserve	gNaOH/100g	---	0	---	0	---	0	---	0	---	0
Moisture Content 105C	%	---	15.8	---	14.2	---	17.3	---	20.7	---	18.6
pH (Lab)	pH_Units	---	12.3	---	12	---	11.9	---	11.7	---	11.86
Total Organic Carbon	%	---	---	---	---	---	---	---	---	---	---
Calorific Value											
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code		TLA-SL-S7	TLA-SL-S8	TLA-SL-S8	TLA-SL-S9	TLA-SL-S10	TLA-SL-S10	TLA-SL-S11	TLA-SL-S11	TLA-SL-S12	TLA-SL-S12
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123
Date		12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023
Depth		1	3.5	3.5	2	3	3	1	1	3	3
	Unit										
Dibenzothiophene	mg/kg	---	---	---	---	---	---	---	---	---	---
Diphenylmethane	mg/kg	---	---	---	---	---	---	---	---	---	---
di-p-Tolylacetylene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexadecane	mg/kg	---	0.7	---	---	---	---	---	---	0.1	---
Hexaethylenecyclohexane	mg/kg	---	0.4	---	---	---	---	---	---	---	---
Indeno(2,1-b)chromene	mg/kg	---	---	---	---	---	---	---	---	---	---
Molecular Sulphur	mg/kg	---	---	---	---	---	---	---	---	0.8	---
Phenaleno[1,9-bc]thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenanthrene, 1-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Rubcene	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Terphenyl-d14	mg/kg	---	---	---	---	---	---	---	---	---	---
5,12-Naphthacenedione	mg/kg	---	---	---	---	---	---	---	---	---	---
TRICOSANE	mg/kg	---	---	---	---	---	---	---	---	---	---
Tridecane	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC TIC											
Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyclopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Undecane	mg/kg	---	---	---	---	---	---	---	---	---	---
1-ethenyl-3-ethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-Methylindene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzene, 2-ethenyl-1,4-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-3methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
1-propenylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Other											
% Moisture	%	---	---	---	---	---	---	---	---	---	---
Natural Moisture Content	percent	---	13.9	---	23	21.5	---	12	---	9.4	---
Organic Matter	%	---	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	0.025	---	0.025	0.01	---	0.027	---	0.074	---
Acid Reserve	gNaOH/100g	---	0	---	0	0	---	0	---	0	---
Moisture Content 105C	%	---	22.1	---	21.3	24.8	---	18.8	---	24.4	---
pH (Lab)	pH_Units	---	11.57	---	11.58	10.99	---	11.53	---	12.11	---
Total Organic Carbon	%	---	---	---	---	---	---	---	---	---	---
Calorific Value											
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---	---	---

Matrix Description		GMG	GMG	TFD (re-worked)	TFD (re-worked)	TFD (re-worked)
Location Code		TLA-SL-S13	TLA-SL-S13	SHO-EF-43-S3	SHO-TS1_AUK_TP105-S3	SHO-TS1_AUK_TP106-S5
Matrix Type		Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-560-1-260123	23-560-1-260123	23-3837-12-160523	106848	106848
Date		12 Jan 2023	12 Jan 2023	28 Apr 2023	02 Mar 2022	04 Mar 2022
Depth		2	2	3	4	4
	Unit					
Dibenzothiophene	mg/kg	---	---	---	---	---
Diphenylmethane	mg/kg	---	---	---	---	---
di-p-Tolylacetylene	mg/kg	---	---	---	---	---
Hexadecane	mg/kg	---	---	---	---	---
Hexaethylenecyclohexane	mg/kg	---	---	---	---	---
Indeno(2,1-b)chromene	mg/kg	---	---	---	---	---
Molecular Sulphur	mg/kg	---	---	---	---	---
Phenaleno[1,9-bc]thiophene	mg/kg	---	---	---	---	---
Phenanthrene, 1-methyl-	mg/kg	---	---	---	---	---
Rubcene	mg/kg	---	---	---	---	---
4-Terphenyl-d14	mg/kg	---	---	---	---	---
5,12-Naphthacenedione	mg/kg	---	---	---	---	---
TRICOSANE	mg/kg	---	---	---	---	---
Tridecane	mg/kg	---	---	---	---	---
VOC TIC						
Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	mg/kg	---	---	---	---	---
Cyclopropylbenzene	mg/kg	---	---	---	---	---
Undecane	mg/kg	---	---	---	---	---
1-ethenyl-3-ethylbenzene	mg/kg	---	---	---	---	---
2-Methylindene	mg/kg	---	---	---	---	---
Benzene, 2-ethenyl-1,4-dimethyl-	mg/kg	---	---	---	---	---
Benzene, 1-ethenyl-3methyl-	mg/kg	---	---	---	---	---
1-propenylbenzene	mg/kg	---	---	---	---	---
Other						
% Moisture	%	---	---	---	1.1	1
Natural Moisture Content	percent	23.4	---	---	---	---
Organic Matter	%	---	---	---	---	---
Alkali Reserve	gNaOH/100g	0.012	---	---	---	---
Acid Reserve	gNaOH/100g	0	---	---	---	---
Moisture Content 105C	%	25.1	---	---	---	---
pH (Lab)	pH_Units	11.31	---	9.16	11.3	10.1
Total Organic Carbon	%	---	---	---	0.6	0.6
Calorific Value						
Calorific Value	MJ/kg	---	---	---	---	---

Statistics
* A Non Detect Multiplier of 0.5 has been applied.

Key:
CMG = Cohesive Made Ground
GMG = Granular Made Ground
TFD = Tidal Flat Deposits

Matrix Description				CMG	CMG	CMG	CMG	GMG	GMG	GMG	GMG
Location Code				SHO-SL-S2	SHO-SL-S21	SHO-SL-S37	TLA-SL-S3	SHO-SL-S1	SHO-SL-S4	SHO-SL-S9	SHO-SL-S10
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-560-1-260123	23-919-1-300123	23-1151-1-070223	23-524-1-260123	23-560-1-260123	23-560-1-260123	23-632-1-260123	23-632-1-260123
Date				13 Jan 2023	20 Jan 2023	23 Jan 2023	11 Jan 2023	13 Jan 2023	13 Jan 2023	16 Jan 2023	16 Jan 2023
Depth				4.5			3	2	4		
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	2,198	49	203	293	1,536	2,806	793	2,552
Antimony	µg/L	5 ^{#1}	-	---	---	---	---	---	---	---	---
Antimony (filtered)	µg/L	5 ^{#1}	-	<2	<2	<2	<2	<2	<2	<2	<2
Arsenic	µg/L	10 ^{#1}	25 ^{#17}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#17}	4.2	<2.5	3.6	3.9	2.7	<2.5	<2.5	15.8
Barium	µg/L	1,300 ^{#2}	-	---	---	---	---	---	---	---	---
Barium (filtered)	µg/L	1,300 ^{#2}	-	27	7	22	11	25	42	230	57
Beryllium	µg/L	-	-	---	---	---	---	---	---	---	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#18}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#18}	57	68	77	82	43	38	<12	12
Cadmium	µg/L	5 ^{#1}	0.2 ^{#19}	---	---	---	---	---	---	---	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#19}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium (hexavalent)	µg/L	-	0.6 ^{#19}	<6	<6	<6	<6	<6	<6	46	41
Chromium	µg/L	50 ^{#1}	0.6 ^{#19}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#19}	3.9	<1.5	<1.5	16.7	12.3	16.1	18.1	11.0
Copper	µg/L	2,000 ^{#1}	3.76 ^{#20}	---	---	---	---	---	---	---	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#20}	<7	<7	<7	<7	7	20	<7	<7
Ferric Iron (filtered)	µg/L	-	1,000 ^{#21}	2,540	20	<20	<20	<20	<20	<20	<20
Iron	µg/L	200 ^{#1}	1,000 ^{#17}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#17}	2,537.2	21.9	11	<20	<4.7	<4.7	<4.7	<4.7
Lead	µg/L	10 ^{#1}	1.3 ^{#19}	---	---	---	---	---	---	---	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#19}	<5	<5	<5	<5	<5	<5	<5	<5
Manganese	µg/L	50 ^{#1}	-	---	---	---	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	13	<2	<2	<2	<2	<2	<2	<2
Mercury	µg/L	1 ^{#1}	0.07 (MAC) ^{#22}	---	---	---	---	---	---	---	---
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#22}	<0.01	<0.01	0.02	<0.01	0.04	<0.01	<0.01	<0.01
Molybdenum	µg/L	70 ^{#3}	-	---	---	---	---	---	---	---	---
Molybdenum (filtered)	µg/L	70 ^{#3}	-	3	12	<2	6	7	5	3	14
Nickel	µg/L	20 ^{#1}	8.6 ^{#19}	---	---	---	---	---	---	---	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#19}	4	<2	<2	<2	<2	<2	<2	<2
Selenium (filtered)	µg/L	10 ^{#1}	-	<3	<3	<3	<3	<3	<3	<3	<3
Silicon (filtered)	µg/L	-	-	3,343	1,509	14,685	5,968	5,752	3,941	843	1,439
Vanadium	µg/L	-	100 ^{#23}	---	---	---	---	---	---	---	---
Vanadium (filtered)	µg/L	-	100 ^{#23}	7.2	<1.5	577.2	101.9	180.6	96.1	14.8	16.5
Zinc	µg/L	3,000 ^{#4}	7.9 ^{#24}	---	---	---	---	---	---	---	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#24}	11	<3	10	<3	<3	<3	<3	<3
Inorganics											
Sulphate (2:1 Water Soluble) as SO4	mg/l	-	-	15.0	<0.5	99.7	43.3	16.4	17.6	3.2	2.8
Inorganic Nitrogen	mg/l	-	-	0.89	<0.05	10.63	0.16	0.4	0.35	0.26	0.13
Ortho phosphate as PO4	mg/l	-	-	0.08	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Ammonia	mg/L	-	0.021 ^{#17}	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#17}	<0.03	<0.03	<0.03	<0.03	0.12	0.06	<0.03	<0.03
Calcium (filtered)	mg/L	-	-	4.2	17.9	44.1	25.4	116.9	96.4	376.7	342.1
Chloride	mg/L	250 ^{#1}	-	6.4	<0.3	23.7	1.6	8.4	5.7	5.4	6.9
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#17}	1	<1	<1	<1	4	<1	<1	5
Cyanide Total	µg/L	50 ^{#1}	1 ^{#17}	2	<1	6	2	5	2	<1	6
cyanides-complex	µg/L	50 ^{#1}	1 ^{#17}	1	<1	6	2	1	2	<1	1
Ferrous Iron (filtered)	µg/L	-	1,000 ^{#21}	<20	<20	<20	<20	<20	<20	<20	<20
Magnesium	mg/L	-	-	---	---	---	---	---	---	---	---
Magnesium (filtered)	mg/L	-	-	1.5	0.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	3.9	<0.2	45	---	1.1	1.2	0.8	0.4
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	<0.02	<0.02	1.5	---	0.12	0.04	0.29	0.18
Phosphate (as PO4)	mg/L	-	-	0.08	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Potassium (filtered)	mg/L	-	-	6.6	2.8	27	11.9	14.3	5.9	1.5	11.7
Sodium (filtered)	mg/L	200 ^{#1}	-	23.3	3.7	49.5	9.9	13.2	3.2	1.7	3.5
Sulphide	µg/L	-	10 (MAC) ^{#25}	<10	<10	<10	<10	<10	<10	<10	<10
Sulphur as S	mg/L	-	-	4.438	10.595	33.586	15.362	6.823	6.662	4.904	4.564
Thiocyanate (as SCN)	µg/L	-	-	<20	<20	<20	<20	<20	<20	<20	<20
PAH											
Naphthalene	µg/L	-	2 ^{#17}	0.1	<0.1	0.1	<0.1	0.2	0.2	0.9	0.1
Acenaphthene	µg/L	-	-	<0.005	<0.005	0.041	0.023	0.02	0.051	0.028	0.007
Acenaphthylene	µg/L	-	-	<0.005	<0.005	<0.005	0.013	0.017	<0.005	<0.005	0.005
Fluoranthene	µg/L	-	0.0063 ^{#17}	<0.005	<0.005	0.167	0.066	0.012	0.087	<0.005	<0.005
Anthracene	µg/L	-	0.1 ^{#17}	<0.005	<0.005	0.039	0.014	0.014	0.016	<0.005	<0.005
Phenanthrene	µg/L	-	-	<0.005	<0.005	0.312	0.064	0.022	0.199	0.017	<0.005

Matrix Description				CMG	CMG	CMG	CMG	GMG	GMG	GMG	GMG
Location Code				SHO-SL-S2	SHO-SL-S21	SHO-SL-S37	TLA-SL-S3	SHO-SL-S1	SHO-SL-S4	SHO-SL-S9	SHO-SL-S10
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-560-1-260123	23-919-1-300123	23-1151-1-070223	23-524-1-260123	23-560-1-260123	23-560-1-260123	23-632-1-260123	23-632-1-260123
Date				13 Jan 2023	20 Jan 2023	23 Jan 2023	11 Jan 2023	13 Jan 2023	13 Jan 2023	16 Jan 2023	16 Jan 2023
Depth				4.5			3	2	4		
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Fluorene	µg/L	-	-	<0.005	0.006	0.025	0.014	0.009	<0.005	<0.005	<0.005
Chrysene	µg/L	-	-	<0.005	<0.005	0.041	0.022	0.006	<0.005	<0.005	<0.005
Pyrene	µg/L	-	-	<0.005	<0.005	0.123	0.055	0.013	0.039	<0.005	<0.005
Benzo(a)anthracene	µg/L	-	-	<0.005	<0.005	0.032	0.018	0.005	<0.005	<0.005	<0.005
Benzo(b)fluoranthene	µg/L	0.025 ^{#7}	See BaP ^{#26}	<0.008	<0.008	0.01	0.02	<0.008	<0.008	<0.008	<0.008
Benzo(k)fluoranthene	µg/L	0.025 ^{#7}	See BaP ^{#26}	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#26}	<0.005	<0.005	0.018	<0.005	<0.005	<0.005	<0.005	<0.005
Dibenz(a,h)anthracene	µg/L	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(g,h,i)perylene	µg/L	0.025 ^{#7}	See BaP ^{#26}	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#7}	See BaP ^{#26}	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
PAH 16 Total	µg/L	-	-	<0.173	<0.173	0.912	0.317	0.318	0.592	0.945	<0.173
Benzo(b+k)fluoranthene	µg/L	-	-	<0.008	<0.008	0.014	0.028	<0.008	<0.008	<0.008	<0.008
TPH CWG											
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<5	<5	<5	<5	<5	<5	<5	<5
>C16-C35 Aliphatics	µg/L	-	-	<20	<20	720	<20	<20	<20	<20	<20
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	<10	<10	190	<10	<10	<10	<10	<10
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	<10	<10	550	<10	<10	<10	<10	<10
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	<10	<10	170	<10	<10	<10	<10	<10
>C35-C44 Aliphatics	µg/L	-	-	<10	<10	<10	<10	<10	<10	<10	<10
Total Aliphatics >C5-C44	µg/L	-	-	<10	<10	910	<10	<10	<10	<10	<10
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	<5	<5	<5	<5	<5	<5	<5	<5
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>EC35-EC44 Aromatics	µg/L	-	-	<10	<10	<10	<10	<10	<10	<10	<10
Total Aromatics >EC5-EC44	µg/L	-	-	<10	<10	<10	<10	<10	<10	<10	<10
TPH >C5-C44 Aliphatics/Aromatics	µg/L	-	-	<10	<10	910	<10	<10	<10	<10	<10
BTEx and MTBE											
Benzene	µg/L	1 ^{#1}	8 ^{#17}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	µg/L	700 ^{#2}	74 ^{#17}	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#27}	<1	<1	<1	<1	<1	<1	<1	<1
p-Xylene	µg/L	125 ^{#8}	7.5 ^{#28}	---	---	---	---	---	---	---	---
Xylene (m & p)	µg/L	250 ^{#8}	15 ^{#28}	<2	<2	<2	<2	<2	<2	<2	<2
Xylene (o)	µg/L	250 ^{#8}	15 ^{#28}	<1	<1	<1	<1	<1	<1	<1	<1
Xylene Total	µg/L	500 ^{#2}	30 ^{#18}	<3	<3	<3	<3	<3	<3	<3	<3
MTBE	µg/L	15 ^{#9}	15 ^{#9}	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
VOC											
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	<6	<6	<6	<6	<6	<6	<6	<6
Styrene	µg/L	-	50 ^{#18}	<2	<2	<2	<2	<2	<2	<2	<2
cis-1,3-dichloropropene	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
trans-1,3-dichloropropene	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
1,1,1,2-tetrachloroethane	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
1,1,1-trichloroethane	µg/L	2,000 ^{#10}	100 ^{#18}	<2	<2	<2	<2	<2	<2	<2	<2
1,1,2,2-tetrachloroethane	µg/L	-	-	<4	<4	<4	<4	<4	<4	<4	<4
1,1,2-trichloroethane	µg/L	-	300 ^{#18}	<2	<2	<2	<2	<2	<2	<2	<2
1,1-dichloroethane	µg/L	2.6 ^{#11}	-	<3	<3	<3	<3	<3	<3	<3	<3
1,1-dichloroethene	µg/L	140 ^{#12}	-	<3	<3	<3	<3	<3	<3	<3	<3
1,1-dichloropropene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
1,2,3-trichloropropane	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
1,2,3-trimethylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
1,2-dibromo-3-chloropropane	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
1,2-dibromoethane	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#17}	<2	<2	<2	<2	<2	<2	<2	<2
1,2-dichloropropane	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
1,3,5-trimethylbenzene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
1,3-dichloropropane	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
2,2-dichloropropane	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
2-chlorotoluene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
4-chlorotoluene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
Bromobenzene	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
Bromochloromethane	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
Bromodichloromethane	µg/L	25 ^{#13}	-	<2	<2	<2	<2	<2	<2	<2	<2

Matrix Description				CMG	CMG	CMG	CMG	GMG	GMG	GMG	GMG
Location Code				SHO-SL-S2	SHO-SL-S21	SHO-SL-S37	TLA-SL-S3	SHO-SL-S1	SHO-SL-S4	SHO-SL-S9	SHO-SL-S10
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-560-1-260123	23-919-1-300123	23-1151-1-070223	23-524-1-260123	23-560-1-260123	23-560-1-260123	23-632-1-260123	23-632-1-260123
Date				13 Jan 2023	20 Jan 2023	23 Jan 2023	11 Jan 2023	13 Jan 2023	13 Jan 2023	16 Jan 2023	16 Jan 2023
Depth				4.5			3	2	4		
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Bromoform	µg/L	25 ^{#13}	-	<2	<2	<2	<2	<2	<2	<2	<2
Bromomethane	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#17}	<2	<2	<2	<2	<2	<2	<2	<2
Chlorodibromomethane	µg/L	25 ^{#13}	-	<2	<2	<2	<2	<2	<2	<2	<2
Chloroethane	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
Chloroform	µg/L	25 ^{#13}	2.5 ^{#17}	<2	<2	<2	<2	<2	<2	<2	<2
Chloromethane	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
cis-1,2-dichloroethene	µg/L	25 ^{#14}	-	<3	<3	<3	<3	<3	<3	<3	<3
Dibromomethane	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
Dichlorodifluoromethane	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
Dichloromethane	µg/L	-	20 ^{#17}	<3	<3	<3	<3	<3	<3	<3	<3
Isopropylbenzene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
n-butylbenzene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
n-propylbenzene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
p-isopropyltoluene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
sec-butylbenzene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
Trichloroethene	µg/L	5 ^{#15}	10 ^{#17}	<3	<3	<3	<3	<3	<3	<3	<3
tert-butylbenzene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
Tetrachloroethene	µg/L	5 ^{#15}	10 ^{#17}	<3	<3	<3	<3	<3	<3	<3	<3
trans-1,2-dichloroethene	µg/L	25 ^{#14}	-	<3	<3	<3	<3	<3	<3	<3	<3
Trichlorofluoromethane	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
Vinyl chloride	µg/L	0.5 ^{#1}	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
VOC/SVOC											
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#29}	<3	<3	<3	<3	<3	<3	<3	<3
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#29}	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichlorobenzene	µg/L	-	6.7 ^{#30}	<1	<1	<1	<1	<1	<1	<1	<1
1,3-dichlorobenzene	µg/L	-	6.7 ^{#30}	<1	<1	<1	<1	<1	<1	<1	<1
1,4-dichlorobenzene	µg/L	-	6.7 ^{#30}	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	µg/L	100 ^{#16}	-	<2	<2	<2	<2	<2	<2	<2	<2
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#22}	<1	<1	<1	<1	<1	<1	<1	<1
SVOC											
4-bromophenyl phenyl ether	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
4-nitroaniline	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
4-nitrophenol	µg/L	-	-	<10	<10	<10	<10	<10	<10	<10	<10
1-Methylnaphthalene	µg/L	-	-	---	---	---	---	---	---	---	---
1-naphthylamine	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2,4,6-trichlorophenol	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
2,4-dichlorophenol	µg/L	-	0.42 ^{#17}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2,4-dimethylphenol	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
2,4-dinitrophenol	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2,6-dinitrotoluene	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
2-chloronaphthalene	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
2-chlorophenol	µg/L	-	50 ^{#18}	<1	<1	<1	<1	<1	<1	<1	<1
2-methylnaphthalene	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
2-methylphenol	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2-nitroaniline	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
2-nitrophenol	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
3-nitroaniline	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#18}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
4-chloroaniline	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
4-chlorophenyl phenyl ether	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
4-methylphenol	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
Azobenzene	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Bis(2-chloroethoxy) methane	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Bis(2-chloroethyl)ether	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#17}	<5	<5	<5	<5	<5	<5	<5	<5
Butyl benzyl phthalate	µg/L	-	0.75 ^{#17}	<1	<1	<1	<1	<1	<1	<1	<1
Carbazole	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dibenzofuran	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Diethylphthalate	µg/L	-	200 ^{#18}	<1	<1	<1	<1	<1	<1	<1	<1
Dimethyl phthalate	µg/L	-	800 ^{#18}	<1	<1	<1	<1	<1	<1	<1	<1
Di-n-butyl phthalate	µg/L	-	8 ^{#18}	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
Di-n-octyl phthalate	µg/L	-	20 ^{#18}	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#22}	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorocyclopentadiene	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
Hexachloroethane	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1

Matrix Description				CMG	CMG	CMG	CMG	GMG	GMG	GMG	GMG
Location Code				SHO-SL-S2	SHO-SL-S21	SHO-SL-S37	TLA-SL-S3	SHO-SL-S1	SHO-SL-S4	SHO-SL-S9	SHO-SL-S10
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-560-1-260123	23-919-1-300123	23-1151-1-070223	23-524-1-260123	23-560-1-260123	23-560-1-260123	23-632-1-260123	23-632-1-260123
Date				13 Jan 2023	20 Jan 2023	23 Jan 2023	11 Jan 2023	13 Jan 2023	13 Jan 2023	16 Jan 2023	16 Jan 2023
Depth				4.5			3	2	4		
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Isophorone	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Nitrobenzene	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
N-Nitrosodimethylamine	µg/L	-	-	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Pentachlorophenol	µg/L	-	0.4 ^{#17}	<1	<1	<1	<1	<1	<1	<1	<1
Phenolics											
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	---	---	---	---	---
Phenol	µg/L	5,800 ^{#11}	7.7 ^{#17}	<1	<1	<1	<1	<1	<1	<1	<1
Total Phenols	µg/L	-	-	---	---	---	---	---	---	---	---
SVOC TIC											
1,2'-Binaphthalene	µg/L	-	-	---	---	---	---	---	---	---	---
Phenol, 2-ethyl-6-methyl-	µg/L	-	-	---	---	---	---	---	---	---	---
1H-Indene, 1-methyl-	µg/L	-	-	---	---	---	---	---	---	---	---
2-Phenylphenol	µg/L	-	-	---	---	---	---	---	---	---	---
2-Amino-3,4:5,6-bis(trimethylene)pyridine	µg/L	-	-	---	---	---	---	---	---	---	---
3-ethyl-5-methylphenol	µg/L	-	-	---	---	---	---	---	---	---	---
VOC TIC											
Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	µg/L	-	-	---	---	---	---	---	---	---	---
2-Methylindene	µg/L	-	-	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-3methyl-	µg/L	-	-	---	---	---	---	---	---	---	---
Other											
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#31}	8.39	7.63	10.31	10.55	11.84	11.69	12.28	12.28

Matrix Description				GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code				SHO-SL-S11	SHO-SL-S16	SHO-SL-S17	SHO-SL-S18	SHO-SL-S19	SHO-SL-S20	SHO-SL-S24	SHO-SL-S25
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-632-1-260123	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-919-1-300123	23-919-1-300123
Date				16 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	20 Jan 2023	20 Jan 2023
Depth											
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	226	67	360	85	206	401	900	1,383
Antimony	µg/L	5 ^{#1}	-	---	---	---	---	---	---	---	---
Antimony (filtered)	µg/L	5 ^{#1}	-	<2	<2	<2	<2	<2	<2	3	<2
Arsenic	µg/L	10 ^{#1}	25 ^{#17}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#17}	<2.5	<2.5	2.8	3.4	<2.5	<2.5	2.9	<2.5
Barium	µg/L	1,300 ^{#2}	-	---	---	---	---	---	---	---	---
Barium (filtered)	µg/L	1,300 ^{#2}	-	559	8	11	24	421	692	47	84
Beryllium	µg/L	-	-	---	---	---	---	---	---	---	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#18}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#18}	<12	14	94	110	<12	<12	81	<12
Cadmium	µg/L	5 ^{#1}	0.2 ^{#19}	---	---	---	---	---	---	---	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#19}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium (hexavalent)	µg/L	-	0.6 ^{#19}	55	<6	<6	<6	43	109	<6	17
Chromium	µg/L	50 ^{#1}	0.6 ^{#19}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#19}	18.9	<1.5	1.7	<1.5	16.9	92.3	7.4	27.3
Copper	µg/L	2,000 ^{#1}	3.76 ^{#20}	---	---	---	---	---	---	---	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#20}	<7	<7	<7	<7	<7	<7	<7	<7
Ferric Iron (filtered)	µg/L	-	1,000 ^{#21}	<20	50	30	80	<20	<20	220	<20
Iron	µg/L	200 ^{#1}	1,000 ^{#17}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#17}	<4.7	48.3	29.0	82.3	<4.7	<4.7	445.5	<4.7
Lead	µg/L	10 ^{#1}	1.3 ^{#19}	---	---	---	---	---	---	---	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#19}	26	<5	<5	<5	26	<5	19	<5
Manganese	µg/L	50 ^{#1}	-	---	---	---	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	<2	<2	<2	6	<2	<2	36	<2
Mercury	µg/L	1 ^{#1}	0.07 (MAC) ^{#22}	---	---	---	---	---	---	---	---
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#22}	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	0.01
Molybdenum	µg/L	70 ^{#3}	-	---	---	---	---	---	---	---	---
Molybdenum (filtered)	µg/L	70 ^{#3}	-	12	9	6	9	5	7	5	8
Nickel	µg/L	20 ^{#1}	8.6 ^{#19}	---	---	---	---	---	---	---	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#19}	<2	<2	<2	<2	<2	<2	<2	<2
Selenium (filtered)	µg/L	10 ^{#1}	-	<3	<3	<3	<3	<3	<3	<3	<3
Silicon (filtered)	µg/L	-	-	267	1,300	8,240	5,580	314	286	6,597	2,926
Vanadium	µg/L	-	100 ^{#23}	---	---	---	---	---	---	---	---
Vanadium (filtered)	µg/L	-	100 ^{#23}	3.1	<1.5	95.7	60.7	2.3	<1.5	207.4	171.7
Zinc	µg/L	3,000 ^{#4}	7.9 ^{#24}	---	---	---	---	---	---	---	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#24}	4	<3	<3	<3	6	<3	126	<3
Inorganics											
Sulphate (2:1 Water Soluble) as SO4	mg/l	-	-	<0.5	7.5	47.1	79.6	1.2	<0.5	186.7	16.4
Inorganic Nitrogen	mg/l	-	-	0.32	0.33	0.13	0.51	0.27	0.33	0.17	0.39
Ortho phosphate as PO4	mg/l	-	-	<0.06	<0.06	<0.06	0.1	<0.06	<0.06	<0.06	<0.06
Ammonia	mg/L	-	0.021 ^{#17}	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#17}	<0.03	<0.03	0.03	0.08	<0.03	<0.03	<0.03	<0.03
Calcium (filtered)	mg/L	-	-	962.3	32.4	23.2	37.3	702	909	104.5	157.9
Chloride	mg/L	250 ^{#1}	-	23.2	0.7	1.9	6.5	8.4	5.7	1.7	9.8
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#17}	<1	<1	<1	<1	<1	1	<1	<1
Cyanide Total	µg/L	50 ^{#1}	1 ^{#17}	1	<1	8	5	3	2	5	2
cyanides-complex	µg/L	50 ^{#1}	1 ^{#17}	1	<1	8	5	3	1	5	2
Ferrous Iron (filtered)	µg/L	-	1,000 ^{#21}	<20	<20	<20	<20	<20	20	230	20
Magnesium	mg/L	-	-	---	---	---	---	---	---	---	---
Magnesium (filtered)	mg/L	-	-	<0.1	1.7	<0.1	8.5	<0.1	<0.1	0.2	<0.1
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	0.8	1.5	0.4	1.8	0.2	0.7	0.8	1.3
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	0.43	<0.02	0.08	0.05	0.71	0.56	<0.02	0.31
Phosphate (as PO4)	mg/L	-	-	<0.06	<0.06	<0.06	0.10	<0.06	<0.06	<0.06	<0.06
Potassium (filtered)	mg/L	-	-	10.1	0.3	19.6	4.0	3.6	1.1	9.4	10.9
Sodium (filtered)	mg/L	200 ^{#1}	-	11.2	3.2	12.7	3.7	2.4	1.0	3.7	6.6
Sulphide	µg/L	-	10 (MAC) ^{#25}	<10	<10	<10	<10	<10	<10	<10	<10
Sulphur as S	mg/L	-	-	9.113	2.73	15.7	28	6.77	7.18	76.344	7.2
Thiocyanate (as SCN)	µg/L	-	-	<20	<20	<20	<20	<20	<20	30	<20
PAH											
Naphthalene	µg/L	-	2 ^{#17}	0.2	0.3	<0.1	0.1	<0.1	<0.1	1.7	0.3
Acenaphthene	µg/L	-	-	0.015	0.292	0.011	<0.005	0.015	<0.005	0.191	0.096
Acenaphthylene	µg/L	-	-	<0.005	0.065	0.006	<0.005	0.025	<0.005	0.52	0.243
Fluoranthene	µg/L	-	0.0063 ^{#17}	0.322	2.01	0.207	0.057	0.352	0.025	5.998	2.536
Anthracene	µg/L	-	0.1 ^{#17}	0.039	0.335	0.026	0.012	0.079	0.005	0.91	0.444
Phenanthrene	µg/L	-	-	0.365	2.42	0.105	0.024	0.324	0.014	2.616	1.347

Matrix Description				GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code				SHO-SL-S11	SHO-SL-S16	SHO-SL-S17	SHO-SL-S18	SHO-SL-S19	SHO-SL-S20	SHO-SL-S24	SHO-SL-S25
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-632-1-260123	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-919-1-300123	23-919-1-300123
Date				16 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	20 Jan 2023	20 Jan 2023
Depth											
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Fluorene	µg/L	-	-	<0.005	0.073	<0.005	<0.005	0.006	<0.005	0.175	0.092
Chrysene	µg/L	-	-	0.104	0.896	0.106	0.042	0.074	0.015	2.39	1.333
Pyrene	µg/L	-	-	0.215	1.38	0.278	0.047	0.258	0.020	5.035	2.437
Benzo(a)anthracene	µg/L	-	-	0.077	0.656	0.081	0.023	0.041	0.010	2.912	1.302
Benzo(b)fluoranthene	µg/L	0.025 ^{#7}	See BaP ^{#26}	0.127	0.720	0.071	0.033	0.069	0.025	3.712	1.83
Benzo(k)fluoranthene	µg/L	0.025 ^{#7}	See BaP ^{#26}	0.049	0.280	0.028	0.013	0.027	0.010	1.444	0.711
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#26}	0.042	0.407	0.023	0.008	0.014	0.016	1.173	0.563
Dibenz(a,h)anthracene	µg/L	-	-	<0.005	0.078	<0.005	<0.005	<0.005	<0.005	0.168	0.092
Benzo(g,h,i)perylene	µg/L	0.025 ^{#7}	See BaP ^{#26}	0.032	0.250	0.014	0.005	0.012	0.008	1.183	0.535
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#7}	See BaP ^{#26}	0.048	0.323	0.022	0.007	0.018	0.013	2.173	0.785
PAH 16 Total	µg/L	-	-	1.635	10.485	0.978	0.371	1.314	<0.173	32.3	14.646
Benzo(b+k)fluoranthene	µg/L	-	-	0.176	1.00	0.099	0.046	0.096	0.034	5.156	2.541
TPH CWG											
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<5	<5	<5	<5	<5	<5	<5	<5
>C16-C35 Aliphatics	µg/L	-	-	<20	<20	<20	<20	<20	<20	<20	<20
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>C35-C44 Aliphatics	µg/L	-	-	<10	<10	<10	<10	<10	<10	<10	<10
Total Aliphatics >C5-C44	µg/L	-	-	<10	<10	<10	<10	<10	<10	<10	<10
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	<5	<5	<5	<5	<5	<5	<5	<5
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>EC35-EC44 Aromatics	µg/L	-	-	<10	<10	<10	<10	<10	<10	<10	<10
Total Aromatics >EC5-EC44	µg/L	-	-	<10	<10	<10	<10	<10	<10	<10	<10
TPH >C5-C44 Aliphatics/Aromatics	µg/L	-	-	<10	<10	<10	<10	<10	<10	<10	<10
BTEx and MTBE											
Benzene	µg/L	1 ^{#1}	8 ^{#17}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	µg/L	700 ^{#2}	74 ^{#17}	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#27}	<1	<1	<1	<1	<1	<1	<1	<1
p-Xylene	µg/L	125 ^{#8}	7.5 ^{#28}	---	---	---	---	---	---	---	---
Xylene (m & p)	µg/L	250 ^{#8}	15 ^{#28}	<2	<2	<2	<2	<2	<2	<2	<2
Xylene (o)	µg/L	250 ^{#8}	15 ^{#28}	<1	<1	<1	<1	<1	<1	<1	<1
Xylene Total	µg/L	500 ^{#2}	30 ^{#18}	<3	<3	<3	<3	<3	<3	<3	<3
MTBE	µg/L	15 ^{#9}	15 ^{#9}	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
VOC											
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	<6	<6	<6	<6	<6	<6	<6	<6
Styrene	µg/L	-	50 ^{#18}	<2	<2	<2	<2	<2	<2	<2	<2
cis-1,3-dichloropropene	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
trans-1,3-dichloropropene	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
1,1,1,2-tetrachloroethane	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
1,1,1-trichloroethane	µg/L	2,000 ^{#10}	100 ^{#18}	<2	<2	<2	<2	<2	<2	<2	<2
1,1,2,2-tetrachloroethane	µg/L	-	-	<4	<4	<4	<4	<4	<4	<4	<4
1,1,2-trichloroethane	µg/L	-	300 ^{#18}	<2	<2	<2	<2	<2	<2	<2	<2
1,1-dichloroethane	µg/L	2.6 ^{#11}	-	<3	<3	<3	<3	<3	<3	<3	<3
1,1-dichloroethene	µg/L	140 ^{#12}	-	<3	<3	<3	<3	<3	<3	<3	<3
1,1-dichloropropene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
1,2,3-trichloropropane	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
1,2,3-trimethylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
1,2-dibromo-3-chloropropane	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
1,2-dibromoethane	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#17}	<2	<2	<2	<2	<2	<2	<2	<2
1,2-dichloropropane	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
1,3,5-trimethylbenzene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
1,3-dichloropropane	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
2,2-dichloropropane	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
2-chlorotoluene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
4-chlorotoluene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
Bromobenzene	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
Bromochloromethane	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
Bromodichloromethane	µg/L	25 ^{#13}	-	<2	<2	<2	<2	<2	<2	<2	<2

Matrix Description				GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code				SHO-SL-S11	SHO-SL-S16	SHO-SL-S17	SHO-SL-S18	SHO-SL-S19	SHO-SL-S20	SHO-SL-S24	SHO-SL-S25
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-632-1-260123	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-919-1-300123	23-919-1-300123
Date				16 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	20 Jan 2023	20 Jan 2023
Depth											
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Bromoform	µg/L	25 ^{#13}	-	<2	<2	<2	<2	<2	<2	<2	<2
Bromomethane	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#17}	<2	<2	<2	<2	<2	<2	<2	<2
Chlorodibromomethane	µg/L	25 ^{#13}	-	<2	<2	<2	<2	<2	<2	<2	<2
Chloroethane	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
Chloroform	µg/L	25 ^{#13}	2.5 ^{#17}	<2	<2	<2	<2	<2	<2	<2	<2
Chloromethane	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
cis-1,2-dichloroethene	µg/L	25 ^{#14}	-	<3	<3	<3	<3	<3	<3	<3	<3
Dibromomethane	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
Dichlorodifluoromethane	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
Dichloromethane	µg/L	-	20 ^{#17}	<3	<3	<3	<3	<3	<3	<3	<3
Isopropylbenzene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
n-butylbenzene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
n-propylbenzene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
p-isopropyltoluene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
sec-butylbenzene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
Trichloroethene	µg/L	5 ^{#15}	10 ^{#17}	<3	<3	<3	<3	<3	<3	<3	<3
tert-butylbenzene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
Tetrachloroethene	µg/L	5 ^{#15}	10 ^{#17}	<3	<3	<3	<3	<3	<3	<3	<3
trans-1,2-dichloroethene	µg/L	25 ^{#14}	-	<3	<3	<3	<3	<3	<3	<3	<3
Trichlorofluoromethane	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
Vinyl chloride	µg/L	0.5 ^{#1}	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
VOC/SVOC											
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#29}	<3	<3	<3	<3	<3	<3	<3	<3
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#29}	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichlorobenzene	µg/L	-	6.7 ^{#30}	<1	<1	<1	<1	<1	<1	<1	<1
1,3-dichlorobenzene	µg/L	-	6.7 ^{#30}	<1	<1	<1	<1	<1	<1	<1	<1
1,4-dichlorobenzene	µg/L	-	6.7 ^{#30}	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	µg/L	100 ^{#16}	-	<2	<2	<2	<2	<2	<2	<2	<2
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#22}	<1	<1	<1	<1	<1	<1	<1	<1
SVOC											
4-bromophenyl phenyl ether	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
4-nitroaniline	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
4-nitrophenol	µg/L	-	-	<10	<10	<10	<10	<10	<10	<10	<10
1-Methylnaphthalene	µg/L	-	-	---	---	---	---	---	---	---	---
1-naphthylamine	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2,4,6-trichlorophenol	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
2,4-dichlorophenol	µg/L	-	0.42 ^{#17}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2,4-dimethylphenol	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
2,4-dinitrophenol	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2,6-dinitrotoluene	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
2-chloronaphthalene	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
2-chlorophenol	µg/L	-	50 ^{#18}	<1	<1	<1	<1	<1	<1	<1	<1
2-methylnaphthalene	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
2-methylphenol	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2-nitroaniline	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
2-nitrophenol	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
3-nitroaniline	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#18}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
4-chloroaniline	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
4-chlorophenyl phenyl ether	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
4-methylphenol	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
Azobenzene	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Bis(2-chloroethoxy) methane	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Bis(2-chloroethyl)ether	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#17}	<5	<5	<5	<5	<5	<5	<5	<5
Butyl benzyl phthalate	µg/L	-	0.75 ^{#17}	<1	<1	<1	<1	<1	<1	<1	<1
Carbazole	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.8
Dibenzofuran	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Diethylphthalate	µg/L	-	200 ^{#18}	<1	<1	<1	<1	<1	<1	<1	<1
Dimethyl phthalate	µg/L	-	800 ^{#18}	<1	<1	<1	<1	<1	<1	<1	<1
Di-n-butyl phthalate	µg/L	-	8 ^{#18}	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
Di-n-octyl phthalate	µg/L	-	20 ^{#18}	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#22}	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorocyclopentadiene	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
Hexachloroethane	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1

Matrix Description				GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code				SHO-SL-S11	SHO-SL-S16	SHO-SL-S17	SHO-SL-S18	SHO-SL-S19	SHO-SL-S20	SHO-SL-S24	SHO-SL-S25
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-632-1-260123	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-887-1-010223	23-919-1-300123	23-919-1-300123
Date				16 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	19 Jan 2023	20 Jan 2023	20 Jan 2023
Depth											
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Isophorone	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Nitrobenzene	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
N-Nitrosodimethylamine	µg/L	-	-	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Pentachlorophenol	µg/L	-	0.4 ^{#17}	<1	<1	<1	<1	<1	<1	<1	<1
Phenolics											
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	---	---	---	---	---
Phenol	µg/L	5,800 ^{#11}	7.7 ^{#17}	<1	<1	<1	<1	<1	<1	<1	<1
Total Phenols	µg/L	-	-	---	---	---	---	---	---	---	---
SVOC TIC											
1,2'-Binaphthalene	µg/L	-	-	---	---	---	---	---	---	---	---
Phenol, 2-ethyl-6-methyl-	µg/L	-	-	---	---	---	---	---	---	---	---
1H-Indene, 1-methyl-	µg/L	-	-	---	---	---	---	---	---	---	---
2-Phenylphenol	µg/L	-	-	---	---	---	---	---	---	---	---
2-Amino-3,4:5,6-bis(trimethylene)pyridine	µg/L	-	-	---	---	---	---	---	---	---	---
3-ethyl-5-methylphenol	µg/L	-	-	---	---	---	---	---	---	---	---
VOC TIC											
Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	µg/L	-	-	---	---	---	---	---	---	---	---
2-Methylindene	µg/L	-	-	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-3methyl-	µg/L	-	-	---	---	---	---	---	---	---	---
Other											
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#31}	12.65	8.36	10.2	8.56	12.5	12.6	11.07	12.03

Matrix Description				GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code				SHO-SL-S28	SHO-SL-S31	SHO-SL-S34	SHO-SL-S40	SHO-TS1_AUK_TP101-S2	SHO-TS1_AUK_TP102-S2	SHO-TS1_AUK_TP102-S2
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	106848	106848	106848
Date				23 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023	02 Mar 2022	02 Mar 2022	02 Mar 2022
Depth								3.5	2.5	2.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Metals										
Aluminium (filtered)	µg/L	200 ^{#1}	-	2,802	326	70	192	---	---	---
Antimony	µg/L	5 ^{#1}	-	---	---	---	---	---	134.1	---
Antimony (filtered)	µg/L	5 ^{#1}	-	16	<2	<2	<2	---	---	---
Arsenic	µg/L	10 ^{#1}	25 ^{#17}	---	---	---	---	---	5.68	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#17}	6.3	<2.5	12.9	2.9	---	---	---
Barium	µg/L	1,300 ^{#2}	-	---	---	---	---	---	21.5	---
Barium (filtered)	µg/L	1,300 ^{#2}	-	37	159	11	36	---	---	---
Beryllium	µg/L	-	-	---	---	---	---	---	<0.06	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#18}	---	---	---	---	---	184	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#18}	973	12	121	103	---	---	---
Cadmium	µg/L	5 ^{#1}	0.2 ^{#19}	---	---	---	---	---	0.11	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#19}	<0.5	<0.5	<0.5	<0.5	---	---	---
Chromium (hexavalent)	µg/L	-	0.6 ^{#19}	12	43	<6	<6	---	<10	---
Chromium	µg/L	50 ^{#1}	0.6 ^{#19}	---	---	---	---	---	0.6	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#19}	2.9	7.3	<1.5	2.8	---	---	---
Copper	µg/L	2,000 ^{#1}	3.76 ^{#20}	---	---	---	---	---	2.7	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#20}	162	11	<7	<7	---	---	---
Ferric Iron (filtered)	µg/L	-	1,000 ^{#21}	<20	<20	90	<20	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#17}	---	---	---	---	---	330	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#17}	16.8	<4.7	86.5	7.5	---	---	---
Lead	µg/L	10 ^{#1}	1.3 ^{#19}	---	---	---	---	---	2.7	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#19}	<5	<5	<5	<5	---	---	---
Manganese	µg/L	50 ^{#1}	-	---	---	---	---	---	5.8	---
Manganese (filtered)	µg/L	50 ^{#1}	-	<2	<2	<2	<2	---	---	---
Mercury	µg/L	1 ^{#1}	0.07 (MAC) ^{#22}	---	---	---	---	---	0.233	---
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#22}	<0.04	0.05	<0.01	0.02	---	---	---
Molybdenum	µg/L	70 ^{#3}	-	---	---	---	---	---	21.3	---
Molybdenum (filtered)	µg/L	70 ^{#3}	-	20	4	9	4	---	---	---
Nickel	µg/L	20 ^{#1}	8.6 ^{#19}	---	---	---	---	---	4.2	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#19}	22	<2	<2	<2	---	---	---
Selenium (filtered)	µg/L	10 ^{#1}	-	<3	<3	<3	<3	---	---	---
Silicon (filtered)	µg/L	-	-	6,044	1,176	3,978	7,032	---	---	---
Vanadium	µg/L	-	100 ^{#23}	---	---	---	---	---	28	---
Vanadium (filtered)	µg/L	-	100 ^{#23}	124.5	10	47	147	---	---	---
Zinc	µg/L	3,000 ^{#4}	7.9 ^{#24}	---	---	---	---	---	14	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#24}	11	<3	<3	<3	---	---	---
Inorganics										
Sulphate (2:1 Water Soluble) as SO4	mg/l	-	-	72.9	13.2	36.3	294.2	19	15	565
Inorganic Nitrogen	mg/l	-	-	9.32	8.96	0.1	<0.05	---	---	---
Ortho phosphate as PO4	mg/l	-	-	<0.06	<0.06	0.43	<0.06	---	---	---
Ammonia	mg/L	-	0.021 ^{#17}	---	---	---	---	---	7.712	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#17}	9.17	0.13	<0.03	<0.03	---	---	---
Calcium (filtered)	mg/L	-	-	84.7	270.9	26.4	123.2	---	---	---
Chloride	mg/L	250 ^{#1}	-	14.3	20.9	5.3	2	---	1	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#17}	1	1	<1	<1	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#17}	54	2	87	5	---	<5	---
cyanides-complex	µg/L	50 ^{#1}	1 ^{#17}	53	1	87	5	---	---	---
Ferrous Iron (filtered)	µg/L	-	1,000 ^{#21}	310	20	<20	20	---	---	---
Magnesium	mg/L	-	-	---	---	---	---	---	0.0011	---
Magnesium (filtered)	mg/L	-	-	<0.1	<0.1	10.7	0.5	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	<0.2	38	0.4	<0.2	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	0.48	0.8	<0.02	<0.02	---	---	---
Phosphate (as PO4)	mg/L	-	-	<0.06	<0.06	0.43	<0.06	---	---	---
Potassium (filtered)	mg/L	-	-	33.1	6.8	7.6	21.7	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	55.3	8.8	8.8	7.8	---	---	---
Sulphide	µg/L	-	10 (MAC) ^{#25}	<10	<10	<10	<10	---	---	---
Sulphur as S	mg/L	-	-	28.962	7.319	12.759	146.947	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	230	40	<20	<20	---	---	---
PAH										
Naphthalene	µg/L	-	2 ^{#17}	200.5	7	<0.1	0.2	---	1,038.8	---
Acenaphthene	µg/L	-	-	2.885	0.848	0.021	0.161	---	6.2	---
Acenaphthylene	µg/L	-	-	3.95	2.568	0.018	0.048	---	14.3	---
Fluoranthene	µg/L	-	0.0063 ^{#17}	0.462	0.871	0.105	0.373	---	0.6	---
Anthracene	µg/L	-	0.1 ^{#17}	0.399	0.364	0.024	0.065	---	0.7	---
Phenanthrene	µg/L	-	-	2.455	1.38	0.108	0.413	---	4	---

Matrix Description				GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code				SHO-SL-S28	SHO-SL-S31	SHO-SL-S34	SHO-SL-S40	SHO-TS1_AUK_TP101-S2	SHO-TS1_AUK_TP102-S2	SHO-TS1_AUK_TP102-S2
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	106848	106848	106848
Date				23 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023	02 Mar 2022	02 Mar 2022	02 Mar 2022
Depth								3.5	2.5	2.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Fluorene	µg/L	-	-	2.739	0.468	0.014	0.075	---	4.7	---
Chrysene	µg/L	-	-	0.709	1.02	0.057	0.151	---	<0.1	---
Pyrene	µg/L	-	-	0.426	0.59	0.099	0.34	---	0.3	---
Benzo(a)anthracene	µg/L	-	-	0.348	0.928	0.048	0.168	---	<0.1	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#7}	See BaP ^{#26}	0.156	0.799	0.036	0.19	---	<0.1	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#7}	See BaP ^{#26}	0.061	0.311	0.014	0.074	---	<0.1	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#26}	0.027	0.19	0.026	0.089	---	<0.1	---
Dibenz(a,h)anthracene	µg/L	-	-	<0.005	0.043	<0.005	<0.005	---	<0.1	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#7}	See BaP ^{#26}	0.006	0.105	0.007	0.048	---	<0.1	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#7}	See BaP ^{#26}	0.009	0.104	<0.005	0.076	---	<0.1	---
PAH 16 Total	µg/L	-	-	215.132	77.289	0.577	2.471	---	1,069.5	---
Benzo(b+k)fluoranthene	µg/L	-	-	0.217	1.11	0.05	0.264	---	---	---
TPH CWG										
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	13	<10	<10	<10	---	<1	---
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	337	<10	<10	<10	---	<1	---
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	957	<10	<10	<10	---	185	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	544	<5	<5	<5	---	42	---
>C16-C35 Aliphatics	µg/L	-	-	4,950	<20	<20	<20	---	167	---
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	360	<10	<10	<10	---	53	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	1,490	<10	<10	<10	---	---	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	3,460	<10	<10	<10	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	110	<10	<10	<10	---	22	---
Total Aliphatics >C5-C44	µg/L	-	-	7,271	<10	<10	<10	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	256	<10	<10	<10	---	21	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	694	<10	<10	<10	---	100	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	2,150	<10	<10	<10	---	213	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	3,933	<5	<5	<5	---	3,719	---
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	2,180	<10	<10	<10	---	2,779	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	1,690	<10	<10	<10	---	2,304	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	1,960	<10	<10	<10	---	988	---
>EC35-EC44 Aromatics	µg/L	-	-	60	<10	<10	<10	---	164	---
Total Aromatics >EC5-EC44	µg/L	-	-	12,923	<10	<10	<10	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	µg/L	-	-	20,194	<10	<10	<10	---	10,757	---
BTEX and MTBE										
Benzene	µg/L	1 ^{#1}	8 ^{#17}	58.7	1.1	2.5	1.7	---	21	---
Toluene	µg/L	700 ^{#2}	74 ^{#17}	188	<5	<5	<5	---	100	---
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#27}	58	<1	<1	<1	---	29	---
p-Xylene	µg/L	125 ^{#8}	7.5 ^{#28}	233	---	---	---	---	---	---
Xylene (m & p)	µg/L	250 ^{#8}	15 ^{#28}	288	<2	<2	<2	---	106	---
Xylene (o)	µg/L	250 ^{#8}	15 ^{#28}	118	<1	<1	<1	---	79	---
Xylene Total	µg/L	500 ^{#2}	30 ^{#18}	406	<3	<3	<3	---	185	---
MTBE	µg/L	15 ^{#9}	15 ^{#9}	<0.1	<0.1	<0.1	<0.1	---	<2	---
VOC										
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	<6	<6	<6	<6	---	<2	---
Styrene	µg/L	-	50 ^{#18}	82	<2	<2	<2	---	<1	---
cis-1,3-dichloropropene	µg/L	-	-	<2	<2	<2	<2	---	<1	---
trans-1,3-dichloropropene	µg/L	-	-	<2	<2	<2	<2	---	<1	---
1,1,1,2-tetrachloroethane	µg/L	-	-	<2	<2	<2	<2	---	<1	---
1,1,1-trichloroethane	µg/L	2,000 ^{#10}	100 ^{#18}	<2	<2	<2	<2	---	<1	---
1,1,2,2-tetrachloroethane	µg/L	-	-	<4	<4	<4	<4	---	<1	---
1,1,2-trichloroethane	µg/L	-	300 ^{#18}	<2	<2	<2	<2	---	<1	---
1,1-dichloroethane	µg/L	2.6 ^{#11}	-	<3	<3	<3	<3	---	<1	---
1,1-dichloroethene	µg/L	140 ^{#12}	-	<3	<3	<3	<3	---	<1	---
1,1-dichloropropene	µg/L	-	-	<3	<3	<3	<3	---	<1	---
1,2,3-trichloropropane	µg/L	-	-	<3	<3	<3	<3	---	<1	---
1,2,3-trimethylbenzene	µg/L	-	-	154	---	---	---	---	---	---
1,2,4-trimethylbenzene	µg/L	-	-	98	<3	<3	<3	---	50	---
1,2-dibromo-3-chloropropane	µg/L	-	-	<2	<2	<2	<2	---	<1	---
1,2-dibromoethane	µg/L	-	-	<2	<2	<2	<2	---	<1	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#17}	<2	<2	<2	<2	---	<1	---
1,2-dichloropropane	µg/L	-	-	<2	<2	<2	<2	---	<1	---
1,3,5-trimethylbenzene	µg/L	-	-	27	<3	<3	<3	---	13	---
1,3-dichloropropane	µg/L	-	-	<2	<2	<2	<2	---	<1	---
2,2-dichloropropane	µg/L	-	-	<1	<1	<1	<1	---	<1	---
2-chlorotoluene	µg/L	-	-	<3	<3	<3	<3	---	<1	---
4-chlorotoluene	µg/L	-	-	<3	<3	<3	<3	---	<1	---
Bromobenzene	µg/L	-	-	<2	<2	<2	<2	---	<1	---
Bromochloromethane	µg/L	-	-	<2	<2	<2	<2	---	<1	---
Bromodichloromethane	µg/L	25 ^{#13}	-	<2	<2	<2	<2	---	<1	---

Matrix Description				GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code				SHO-SL-S28	SHO-SL-S31	SHO-SL-S34	SHO-SL-S40	SHO-TS1 AUK TP101-S2	SHO-TS1 AUK TP102-S2	SHO-TS1 AUK TP102-S2
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	106848	106848	106848
Date				23 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023	02 Mar 2022	02 Mar 2022	02 Mar 2022
Depth								3.5	2.5	2.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Bromoform	µg/L	25 ^{#13}	-	<2	<2	<2	<2	---	<1	---
Bromomethane	µg/L	-	-	<1	<1	<1	<1	---	<3	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#17}	<2	<2	<2	<2	---	<1	---
Chlorodibromomethane	µg/L	25 ^{#13}	-	<2	<2	<2	<2	---	<1	---
Chloroethane	µg/L	-	-	<3	<3	<3	<3	---	<1	---
Chloroform	µg/L	25 ^{#13}	2.5 ^{#17}	<2	<2	<2	<2	---	<1	---
Chloromethane	µg/L	-	-	<3	<3	<3	<3	---	<1	---
cis-1,2-dichloroethene	µg/L	25 ^{#14}	-	<3	<3	<3	<3	---	<1	---
Dibromomethane	µg/L	-	-	<3	<3	<3	<3	---	<1	---
Dichlorodifluoromethane	µg/L	-	-	<2	<2	<2	<2	---	<1	---
Dichloromethane	µg/L	-	20 ^{#17}	<3	<3	<3	<3	---	---	---
Isopropylbenzene	µg/L	-	-	<3	<3	<3	<3	---	<1	---
n-butylbenzene	µg/L	-	-	<3	<3	<3	<3	---	<1	---
n-propylbenzene	µg/L	-	-	6	<3	<3	<3	---	<1	---
p-isopropyltoluene	µg/L	-	-	<3	<3	<3	<3	---	<1	---
sec-butylbenzene	µg/L	-	-	<3	<3	<3	<3	---	<1	---
Trichloroethene	µg/L	5 ^{#15}	10 ^{#17}	<3	<3	<3	<3	---	<1	---
tert-butylbenzene	µg/L	-	-	<3	<3	<3	<3	---	<1	---
Tetrachloroethene	µg/L	5 ^{#15}	10 ^{#17}	<3	<3	<3	<3	---	<1	---
trans-1,2-dichloroethene	µg/L	25 ^{#14}	-	<3	<3	<3	<3	---	<1	---
Trichlorofluoromethane	µg/L	-	-	<3	<3	<3	<3	---	<1	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	<0.1	<0.1	<0.1	<0.1	---	<1	---
VOC/SVOC										
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#29}	<3	<3	<3	<3	---	<1	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#29}	<3	<1	<1	<1	---	<0.1	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#30}	<3	<1	<1	<1	---	<0.1	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#30}	<3	<1	<1	<1	---	<0.1	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#30}	<3	<1	<1	<1	---	<0.1	---
Chlorobenzene	µg/L	100 ^{#16}	-	<2	<2	<2	<2	---	<1	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#22}	<3	<1	<1	<1	---	<0.1	---
SVOC										
4-bromophenyl phenyl ether	µg/L	-	-	<20	<1	<1	<1	---	<0.1	---
4-nitroaniline	µg/L	-	-	<10	<0.5	<0.5	<0.5	---	<0.1	---
4-nitrophenol	µg/L	-	-	<200	<10	<10	<10	---	<0.1	---
1-Methylnaphthalene	µg/L	-	-	---	---	---	---	---	95.1	---
1-naphthylamine	µg/L	-	-	249	---	---	---	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	<10	<0.5	<0.5	<0.5	---	<0.1	---
2,4,6-trichlorophenol	µg/L	-	-	<20	<1	<1	<1	---	<0.1	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#17}	<10	<0.5	<0.5	<0.5	---	<0.1	---
2,4-dimethylphenol	µg/L	-	-	262	<1	<1	<1	---	251.7	---
2,4-dinitrophenol	µg/L	-	-	---	---	---	---	---	<0.1	---
2,4-dinitrotoluene	µg/L	-	-	<10	<0.5	<0.5	<0.5	---	<0.1	---
2,6-dinitrotoluene	µg/L	-	-	<20	<1	<1	<1	---	<0.1	---
2-chloronaphthalene	µg/L	-	-	<20	<1	<1	<1	---	<0.1	---
2-chlorophenol	µg/L	-	50 ^{#18}	<20	<1	<1	<1	---	<0.1	---
2-methylnaphthalene	µg/L	-	-	257	8	<1	<1	---	90.4	---
2-methylphenol	µg/L	-	-	40	<0.5	<0.5	<0.5	---	42.6	---
2-nitroaniline	µg/L	-	-	<20	<1	<1	<1	---	<0.1	---
2-nitrophenol	µg/L	-	-	<10	<0.5	<0.5	<0.5	---	<0.1	---
3-nitroaniline	µg/L	-	-	<20	<1	<1	<1	---	<0.1	---
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	---	---	<0.1	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#18}	<10	<0.5	<0.5	<0.5	---	<0.1	---
4-chloroaniline	µg/L	-	-	<20	<1	<1	<1	---	<0.1	---
4-chlorophenyl phenyl ether	µg/L	-	-	<20	<1	<1	<1	---	<0.1	---
4-methylphenol	µg/L	-	-	79	<1	<1	<1	---	---	---
Azobenzene	µg/L	-	-	<10	<0.5	<0.5	<0.5	---	<0.1	---
Bis(2-chloroethoxy) methane	µg/L	-	-	<10	<0.5	<0.5	<0.5	---	<0.1	---
Bis(2-chloroethyl)ether	µg/L	-	-	<20	<1	<1	<1	---	<0.1	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	---	---	<0.1	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#17}	<100	<5	<5	<5	---	<0.1	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#17}	<20	<1	<1	<1	---	<0.1	---
Carbazole	µg/L	-	-	<10	<0.5	<0.5	<0.5	---	7.7	---
Dibenzofuran	µg/L	-	-	<10	<0.5	<0.5	<0.5	---	<0.1	---
Diethylphthalate	µg/L	-	200 ^{#18}	<20	<1	<1	<1	---	<0.1	---
Dimethyl phthalate	µg/L	-	800 ^{#18}	<20	<1	<1	<1	---	<0.1	---
Di-n-butyl phthalate	µg/L	-	8 ^{#18}	<30	<1.5	<1.5	<1.5	---	<0.1	---
Di-n-octyl phthalate	µg/L	-	20 ^{#18}	<20	<1	<1	<1	---	<0.1	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#22}	<20	<1	<1	<1	---	<0.1	---
Hexachlorocyclopentadiene	µg/L	-	-	<20	<1	<1	<1	---	<0.1	---
Hexachloroethane	µg/L	-	-	<20	<1	<1	<1	---	<0.1	---

Matrix Description				GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code				SHO-SL-S28	SHO-SL-S31	SHO-SL-S34	SHO-SL-S40	SHO-TS1 AUK TP101-S2	SHO-TS1 AUK TP102-S2	SHO-TS1 AUK TP102-S2
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	23-1151-1-070223	106848	106848	106848
Date				23 Jan 2023	23 Jan 2023	23 Jan 2023	23 Jan 2023	02 Mar 2022	02 Mar 2022	02 Mar 2022
Depth								3.5	2.5	2.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Isophorone	µg/L	-	-	<10	<0.5	<0.5	<0.5	---	<0.1	---
Nitrobenzene	µg/L	-	-	<20	<1	<1	<1	---	<0.1	---
N-Nitrosodimethylamine	µg/L	-	-	---	---	---	---	---	<0.1	---
N-nitrosodi-n-propylamine	µg/L	-	-	<10	<0.5	<0.5	<0.5	---	<0.1	---
Pentachlorophenol	µg/L	-	0.4 ^{#17}	<20	<1	<1	<1	---	2	---
Phenolics										
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	---	---	117.6	---
Phenol	µg/L	5,800 ^{#11}	7.7 ^{#17}	<20	<1	<1	<1	---	8.2	---
Total Phenols	µg/L	-	-	---	---	---	---	---	247	---
SVOC TIC										
1,2'-Binaphthalene	µg/L	-	-	573	---	---	---	---	---	---
Phenol, 2-ethyl-6-methyl-	µg/L	-	-	107	---	---	---	---	---	---
1H-Indene, 1-methyl-	µg/L	-	-	158	---	---	---	---	---	---
2-Phenylphenol	µg/L	-	-	978	---	---	---	---	---	---
2-Amino-3,4:5,6-bis(trimethylene)pyridine	µg/L	-	-	944	---	---	---	---	---	---
3-ethyl-5-methylphenol	µg/L	-	-	236	---	---	---	---	---	---
VOC TIC										
Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	µg/L	-	-	158	---	---	---	---	---	---
2-Methylindene	µg/L	-	-	119	---	---	---	---	---	---
Benzene, 1-ethenyl-3methyl-	µg/L	-	-	110	---	---	---	---	---	---
Other										
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#31}	10.78	12.04	8.57	9.7	---	7.1	---

Matrix Description				GMG	GMG	GMG	GMG	GMG	GMG
Location Code				SHO-TS1_AUK_TP102-S4	SHO-TS1_AUK_TP103-S3	SHO-TS1_AUK_TP104-S2	SHO-TS1_AUK_TP105-S4	SHO-TS1_AUK_TP106-S2	SHO-TS1_AUK_TP107-S2
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				106848	106848	106848	106848	106848	106848
Date				02 Mar 2022	03 Mar 2022	02 Mar 2022	02 Mar 2022	04 Mar 2022	04 Mar 2022
Depth				4.7	1	1.6	1	2.5	1
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Metals									
Aluminium (filtered)	µg/L	200 ^{#1}	-	---	---	---	---	---	---
Antimony	µg/L	5 ^{#1}	-	---	---	---	---	---	---
Antimony (filtered)	µg/L	5 ^{#1}	-	---	---	---	---	---	---
Arsenic	µg/L	10 ^{#1}	25 ^{#17}	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#17}	---	---	---	---	---	---
Barium	µg/L	1,300 ^{#2}	-	---	---	---	---	---	---
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	---	---	---	---	---
Beryllium	µg/L	-	-	---	---	---	---	---	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#18}	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#18}	---	---	---	---	---	---
Cadmium	µg/L	5 ^{#1}	0.2 ^{#19}	---	---	---	---	---	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#19}	---	---	---	---	---	---
Chromium (hexavalent)	µg/L	-	0.6 ^{#19}	---	---	---	---	---	---
Chromium	µg/L	50 ^{#1}	0.6 ^{#19}	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#19}	---	---	---	---	---	---
Copper	µg/L	2,000 ^{#1}	3.76 ^{#20}	---	---	---	---	---	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#20}	---	---	---	---	---	---
Ferric Iron (filtered)	µg/L	-	1,000 ^{#21}	---	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#17}	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#17}	---	---	---	---	---	---
Lead	µg/L	10 ^{#1}	1.3 ^{#19}	---	---	---	---	---	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#19}	---	---	---	---	---	---
Manganese	µg/L	50 ^{#1}	-	---	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	---	---	---	---	---	---
Mercury	µg/L	1 ^{#1}	0.07 (MAC) ^{#22}	---	---	---	---	---	---
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#22}	---	---	---	---	---	---
Molybdenum	µg/L	70 ^{#3}	-	---	---	---	---	---	---
Molybdenum (filtered)	µg/L	70 ^{#3}	-	---	---	---	---	---	---
Nickel	µg/L	20 ^{#1}	8.6 ^{#19}	---	---	---	---	---	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#19}	---	---	---	---	---	---
Selenium (filtered)	µg/L	10 ^{#1}	-	---	---	---	---	---	---
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---
Vanadium	µg/L	-	100 ^{#23}	---	---	---	---	---	---
Vanadium (filtered)	µg/L	-	100 ^{#23}	---	---	---	---	---	---
Zinc	µg/L	3,000 ^{#4}	7.9 ^{#24}	---	---	---	---	---	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#24}	---	---	---	---	---	---
Inorganics									
Sulphate (2:1 Water Soluble) as SO4	mg/l	-	-	478	15	78	382	324	405
Inorganic Nitrogen	mg/l	-	-	---	---	---	---	---	---
Ortho phosphate as PO4	mg/l	-	-	---	---	---	---	---	---
Ammonia	mg/L	-	0.021 ^{#17}	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#17}	---	---	---	---	---	---
Calcium (filtered)	mg/L	-	-	---	---	---	---	---	---
Chloride	mg/L	250 ^{#1}	-	---	---	---	---	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#17}	---	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#17}	---	---	---	---	---	---
cyanides-complex	µg/L	50 ^{#1}	1 ^{#17}	---	---	---	---	---	---
Ferrous Iron (filtered)	µg/L	-	1,000 ^{#21}	---	---	---	---	---	---
Magnesium	mg/L	-	-	---	---	---	---	---	---
Magnesium (filtered)	mg/L	-	-	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---
Phosphate (as PO4)	mg/L	-	-	---	---	---	---	---	---
Potassium (filtered)	mg/L	-	-	---	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	---	---	---	---	---	---
Sulphide	µg/L	-	10 (MAC) ^{#25}	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	---	---	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	---	---	---	---	---	---
PAH									
Naphthalene	µg/L	-	2 ^{#17}	---	---	---	---	---	---
Acenaphthene	µg/L	-	-	---	---	---	---	---	---
Acenaphthylene	µg/L	-	-	---	---	---	---	---	---
Fluoranthene	µg/L	-	0.0063 ^{#17}	---	---	---	---	---	---
Anthracene	µg/L	-	0.1 ^{#17}	---	---	---	---	---	---
Phenanthrene	µg/L	-	-	---	---	---	---	---	---

Matrix Description				GMG	GMG	GMG	GMG	GMG	GMG
Location Code				SHO-TS1_AUK_TP102-S4	SHO-TS1_AUK_TP103-S3	SHO-TS1_AUK_TP104-S2	SHO-TS1_AUK_TP105-S4	SHO-TS1_AUK_TP106-S2	SHO-TS1_AUK_TP107-S2
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				106848	106848	106848	106848	106848	106848
Date				02 Mar 2022	03 Mar 2022	02 Mar 2022	02 Mar 2022	04 Mar 2022	04 Mar 2022
Depth				4.7	1	1.6	1	2.5	1
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Fluorene	µg/L	-	-	---	---	---	---	---	---
Chrysene	µg/L	-	-	---	---	---	---	---	---
Pyrene	µg/L	-	-	---	---	---	---	---	---
Benzo(a)anthracene	µg/L	-	-	---	---	---	---	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#7}	See BaP ^{#26}	---	---	---	---	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#7}	See BaP ^{#26}	---	---	---	---	---	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#26}	---	---	---	---	---	---
Dibenz(a,h)anthracene	µg/L	-	-	---	---	---	---	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#7}	See BaP ^{#26}	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#7}	See BaP ^{#26}	---	---	---	---	---	---
PAH 16 Total	µg/L	-	-	---	---	---	---	---	---
Benzo(b+k)fluoranthene	µg/L	-	-	---	---	---	---	---	---
TPH CWG									
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---
>C16-C35 Aliphatics	µg/L	-	-	---	---	---	---	---	---
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	---	---	---	---	---
Total Aliphatics >C5-C44	µg/L	-	-	---	---	---	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	---	---	---	---	---
>EC35-EC44 Aromatics	µg/L	-	-	---	---	---	---	---	---
Total Aromatics >EC5-EC44	µg/L	-	-	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	µg/L	-	-	---	---	---	---	---	---
BTEX and MTBE									
Benzene	µg/L	1 ^{#1}	8 ^{#17}	---	---	---	---	---	---
Toluene	µg/L	700 ^{#2}	74 ^{#17}	---	---	---	---	---	---
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#27}	---	---	---	---	---	---
p-Xylene	µg/L	125 ^{#8}	7.5 ^{#28}	---	---	---	---	---	---
Xylene (m & p)	µg/L	250 ^{#8}	15 ^{#28}	---	---	---	---	---	---
Xylene (o)	µg/L	250 ^{#8}	15 ^{#28}	---	---	---	---	---	---
Xylene Total	µg/L	500 ^{#2}	30 ^{#18}	---	---	---	---	---	---
MTBE	µg/L	15 ^{#9}	15 ^{#9}	---	---	---	---	---	---
VOC									
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---	---	---	---	---
Styrene	µg/L	-	50 ^{#18}	---	---	---	---	---	---
cis-1,3-dichloropropene	µg/L	-	-	---	---	---	---	---	---
trans-1,3-dichloropropene	µg/L	-	-	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	µg/L	-	-	---	---	---	---	---	---
1,1,1-trichloroethane	µg/L	2,000 ^{#10}	100 ^{#18}	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	µg/L	-	-	---	---	---	---	---	---
1,1,2-trichloroethane	µg/L	-	300 ^{#18}	---	---	---	---	---	---
1,1-dichloroethane	µg/L	2.6 ^{#11}	-	---	---	---	---	---	---
1,1-dichloroethene	µg/L	140 ^{#12}	-	---	---	---	---	---	---
1,1-dichloropropene	µg/L	-	-	---	---	---	---	---	---
1,2,3-trichloropropane	µg/L	-	-	---	---	---	---	---	---
1,2,3-trimethylbenzene	µg/L	-	-	---	---	---	---	---	---
1,2,4-trimethylbenzene	µg/L	-	-	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	µg/L	-	-	---	---	---	---	---	---
1,2-dibromoethane	µg/L	-	-	---	---	---	---	---	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#17}	---	---	---	---	---	---
1,2-dichloropropane	µg/L	-	-	---	---	---	---	---	---
1,3,5-trimethylbenzene	µg/L	-	-	---	---	---	---	---	---
1,3-dichloropropane	µg/L	-	-	---	---	---	---	---	---
2,2-dichloropropane	µg/L	-	-	---	---	---	---	---	---
2-chlorotoluene	µg/L	-	-	---	---	---	---	---	---
4-chlorotoluene	µg/L	-	-	---	---	---	---	---	---
Bromobenzene	µg/L	-	-	---	---	---	---	---	---
Bromochloromethane	µg/L	-	-	---	---	---	---	---	---
Bromodichloromethane	µg/L	25 ^{#13}	-	---	---	---	---	---	---

Matrix Description		GMG	GMG	GMG	GMG	GMG	GMG
Location Code		SHO-TS1_AUK_TP102-S4	SHO-TS1_AUK_TP103-S3	SHO-TS1_AUK_TP104-S2	SHO-TS1_AUK_TP105-S4	SHO-TS1_AUK_TP106-S2	SHO-TS1_AUK_TP107-S2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		106848	106848	106848	106848	106848	106848
Date		02 Mar 2022	03 Mar 2022	02 Mar 2022	02 Mar 2022	04 Mar 2022	04 Mar 2022
Depth		4.7	1	1.6	1	2.5	1
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS				
Bromoform	µg/L	25 ^{#13}	-	---	---	---	---
Bromomethane	µg/L	-	-	---	---	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#17}	---	---	---	---
Chlorodibromomethane	µg/L	25 ^{#13}	-	---	---	---	---
Chloroethane	µg/L	-	-	---	---	---	---
Chloroform	µg/L	25 ^{#13}	2.5 ^{#17}	---	---	---	---
Chloromethane	µg/L	-	-	---	---	---	---
cis-1,2-dichloroethene	µg/L	25 ^{#14}	-	---	---	---	---
Dibromomethane	µg/L	-	-	---	---	---	---
Dichlorodifluoromethane	µg/L	-	-	---	---	---	---
Dichloromethane	µg/L	-	20 ^{#17}	---	---	---	---
Isopropylbenzene	µg/L	-	-	---	---	---	---
n-butylbenzene	µg/L	-	-	---	---	---	---
n-propylbenzene	µg/L	-	-	---	---	---	---
p-isopropyltoluene	µg/L	-	-	---	---	---	---
sec-butylbenzene	µg/L	-	-	---	---	---	---
Trichloroethene	µg/L	5 ^{#15}	10 ^{#17}	---	---	---	---
tert-butylbenzene	µg/L	-	-	---	---	---	---
Tetrachloroethene	µg/L	5 ^{#15}	10 ^{#17}	---	---	---	---
trans-1,2-dichloroethene	µg/L	25 ^{#14}	-	---	---	---	---
Trichlorofluoromethane	µg/L	-	-	---	---	---	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	---	---	---
VOC/SVOC							
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#29}	---	---	---	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#29}	---	---	---	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#30}	---	---	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#30}	---	---	---	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#30}	---	---	---	---
Chlorobenzene	µg/L	100 ^{#16}	-	---	---	---	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#22}	---	---	---	---
SVOC							
4-bromophenyl phenyl ether	µg/L	-	-	---	---	---	---
4-nitroaniline	µg/L	-	-	---	---	---	---
4-nitrophenol	µg/L	-	-	---	---	---	---
1-Methylnaphthalene	µg/L	-	-	---	---	---	---
1-naphthylamine	µg/L	-	-	---	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	---	---	---	---
2,4,6-trichlorophenol	µg/L	-	-	---	---	---	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#17}	---	---	---	---
2,4-dimethylphenol	µg/L	-	-	---	---	---	---
2,4-dinitrophenol	µg/L	-	-	---	---	---	---
2,4-dinitrotoluene	µg/L	-	-	---	---	---	---
2,6-dinitrotoluene	µg/L	-	-	---	---	---	---
2-chloronaphthalene	µg/L	-	-	---	---	---	---
2-chlorophenol	µg/L	-	50 ^{#18}	---	---	---	---
2-methylnaphthalene	µg/L	-	-	---	---	---	---
2-methylphenol	µg/L	-	-	---	---	---	---
2-nitroaniline	µg/L	-	-	---	---	---	---
2-nitrophenol	µg/L	-	-	---	---	---	---
3-nitroaniline	µg/L	-	-	---	---	---	---
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#18}	---	---	---	---
4-chloroaniline	µg/L	-	-	---	---	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	---	---	---
4-methylphenol	µg/L	-	-	---	---	---	---
Azobenzene	µg/L	-	-	---	---	---	---
Bis(2-chloroethoxy) methane	µg/L	-	-	---	---	---	---
Bis(2-chloroethyl)ether	µg/L	-	-	---	---	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#17}	---	---	---	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#17}	---	---	---	---
Carbazole	µg/L	-	-	---	---	---	---
Dibenzofuran	µg/L	-	-	---	---	---	---
Diethylphthalate	µg/L	-	200 ^{#18}	---	---	---	---
Dimethyl phthalate	µg/L	-	800 ^{#18}	---	---	---	---
Di-n-butyl phthalate	µg/L	-	8 ^{#18}	---	---	---	---
Di-n-octyl phthalate	µg/L	-	20 ^{#18}	---	---	---	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#22}	---	---	---	---
Hexachlorocyclopentadiene	µg/L	-	-	---	---	---	---
Hexachloroethane	µg/L	-	-	---	---	---	---

Matrix Description				GMG	GMG	GMG	GMG	GMG	GMG
Location Code				SHO-TS1_AUK_TP102-S4	SHO-TS1_AUK_TP103-S3	SHO-TS1_AUK_TP104-S2	SHO-TS1_AUK_TP105-S4	SHO-TS1_AUK_TP106-S2	SHO-TS1_AUK_TP107-S2
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				106848	106848	106848	106848	106848	106848
Date				02 Mar 2022	03 Mar 2022	02 Mar 2022	02 Mar 2022	04 Mar 2022	04 Mar 2022
Depth				4.7	1	1.6	1	2.5	1
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Isophorone	µg/L	-	-	---	---	---	---	---	---
Nitrobenzene	µg/L	-	-	---	---	---	---	---	---
N-Nitrosodimethylamine	µg/L	-	-	---	---	---	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	---	---	---	---
Pentachlorophenol	µg/L	-	0.4 ^{#17}	---	---	---	---	---	---
Phenolics									
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	---	---	---
Phenol	µg/L	5,800 ^{#11}	7.7 ^{#17}	---	---	---	---	---	---
Total Phenols	µg/L	-	-	---	---	---	---	---	---
SVOC TIC									
1,2'-Binaphthalene	µg/L	-	-	---	---	---	---	---	---
Phenol, 2-ethyl-6-methyl-	µg/L	-	-	---	---	---	---	---	---
1H-Indene, 1-methyl-	µg/L	-	-	---	---	---	---	---	---
2-Phenylphenol	µg/L	-	-	---	---	---	---	---	---
2-Amino-3,4:5,6-bis(trimethylene)pyridine	µg/L	-	-	---	---	---	---	---	---
3-ethyl-5-methylphenol	µg/L	-	-	---	---	---	---	---	---
VOC TIC									
Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	µg/L	-	-	---	---	---	---	---	---
2-Methylindene	µg/L	-	-	---	---	---	---	---	---
Benzene, 1-ethenyl-3methyl-	µg/L	-	-	---	---	---	---	---	---
Other									
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#31}	---	---	---	---	---	---

Matrix Description				GMG	GMG	GMG	GMG	GMG	GMG
Location Code				SHO-TS1_AUK_TP107-S5	SHO-TS1_AUK_TP107-S7	SHO-TS1_AUK_TP108-S1	SHO-TS1_AUK_TP109-S1	SHO-TS1_AUK_TP109-S1	SHO-TS1_AUK_TP110-S1
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				106848	106848	106848	106848	106848	106848
Date				04 Mar 2022	04 Mar 2022	03 Mar 2022	03 Mar 2022	03 Mar 2022	03 Mar 2022
Depth				3	4.2	3	3.5	3.5	2.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Metals									
Aluminium (filtered)	µg/L	200 ^{#1}	-	---	---	---	---	---	---
Antimony	µg/L	5 ^{#1}	-	---	---	---	14.1	---	---
Antimony (filtered)	µg/L	5 ^{#1}	-	---	---	---	---	---	---
Arsenic	µg/L	10 ^{#1}	25 ^{#17}	---	---	---	8.69	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#17}	---	---	---	---	---	---
Barium	µg/L	1,300 ^{#2}	-	---	---	---	15	---	---
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	---	---	---	---	---
Beryllium	µg/L	-	-	---	---	---	<0.06	---	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#18}	---	---	---	69	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#18}	---	---	---	---	---	---
Cadmium	µg/L	5 ^{#1}	0.2 ^{#19}	---	---	---	<0.07	---	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#19}	---	---	---	---	---	---
Chromium (hexavalent)	µg/L	-	0.6 ^{#19}	---	---	---	<10	---	---
Chromium	µg/L	50 ^{#1}	0.6 ^{#19}	---	---	---	1.4	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#19}	---	---	---	---	---	---
Copper	µg/L	2,000 ^{#1}	3.76 ^{#20}	---	---	---	12	---	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#20}	---	---	---	---	---	---
Ferric Iron (filtered)	µg/L	-	1,000 ^{#21}	---	---	---	---	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#17}	---	---	---	391	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#17}	---	---	---	---	---	---
Lead	µg/L	10 ^{#1}	1.3 ^{#19}	---	---	---	2.5	---	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#19}	---	---	---	---	---	---
Manganese	µg/L	50 ^{#1}	-	---	---	---	4.4	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	---	---	---	---	---	---
Mercury	µg/L	1 ^{#1}	0.07 (MAC) ^{#22}	---	---	---	0.605	---	---
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#22}	---	---	---	---	---	---
Molybdenum	µg/L	70 ^{#3}	-	---	---	---	3.9	---	---
Molybdenum (filtered)	µg/L	70 ^{#3}	-	---	---	---	---	---	---
Nickel	µg/L	20 ^{#1}	8.6 ^{#19}	---	---	---	1.6	---	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#19}	---	---	---	---	---	---
Selenium (filtered)	µg/L	10 ^{#1}	-	---	---	---	---	---	---
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---
Vanadium	µg/L	-	100 ^{#23}	---	---	---	106	---	---
Vanadium (filtered)	µg/L	-	100 ^{#23}	---	---	---	---	---	---
Zinc	µg/L	3,000 ^{#4}	7.9 ^{#24}	---	---	---	7	---	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#24}	---	---	---	---	---	---
Inorganics									
Sulphate (2:1 Water Soluble) as SO4	mg/l	-	-	33	44	177	12	25	422
Inorganic Nitrogen	mg/l	-	-	---	---	---	---	---	---
Ortho phosphate as PO4	mg/l	-	-	---	---	---	---	---	---
Ammonia	mg/L	-	0.021 ^{#17}	---	---	---	0.307	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#17}	---	---	---	---	---	---
Calcium (filtered)	mg/L	-	-	---	---	---	---	---	---
Chloride	mg/L	250 ^{#1}	-	---	---	---	1	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#17}	---	---	---	---	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#17}	---	---	---	<5	---	---
cyanides-complex	µg/L	50 ^{#1}	1 ^{#17}	---	---	---	---	---	---
Ferrous Iron (filtered)	µg/L	-	1,000 ^{#21}	---	---	---	---	---	---
Magnesium	mg/L	-	-	---	---	---	0.003	---	---
Magnesium (filtered)	mg/L	-	-	---	---	---	---	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---
Phosphate (as PO4)	mg/L	-	-	---	---	---	---	---	---
Potassium (filtered)	mg/L	-	-	---	---	---	---	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	---	---	---	---	---	---
Sulphide	µg/L	-	10 (MAC) ^{#25}	---	---	---	---	---	---
Sulphur as S	mg/L	-	-	---	---	---	---	---	---
Thiocyanate (as SCN)	µg/L	-	-	---	---	---	---	---	---
PAH									
Naphthalene	µg/L	-	2 ^{#17}	---	---	---	80.9	---	---
Acenaphthene	µg/L	-	-	---	---	---	0.4	---	---
Acenaphthylene	µg/L	-	-	---	---	---	0.6	---	---
Fluoranthene	µg/L	-	0.0063 ^{#17}	---	---	---	0.2	---	---
Anthracene	µg/L	-	0.1 ^{#17}	---	---	---	<0.1	---	---
Phenanthrene	µg/L	-	-	---	---	---	0.8	---	---

Matrix Description				GMG	GMG	GMG	GMG	GMG	GMG
Location Code				SHO-TS1_AUK_TP107-S5	SHO-TS1_AUK_TP107-S7	SHO-TS1_AUK_TP108-S1	SHO-TS1_AUK_TP109-S1	SHO-TS1_AUK_TP109-S1	SHO-TS1_AUK_TP110-S1
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				106848	106848	106848	106848	106848	106848
Date				04 Mar 2022	04 Mar 2022	03 Mar 2022	03 Mar 2022	03 Mar 2022	03 Mar 2022
Depth				3	4.2	3	3.5	3.5	2.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Fluorene	µg/L	-	-	---	---	---	0.4	---	---
Chrysene	µg/L	-	-	---	---	---	<0.1	---	---
Pyrene	µg/L	-	-	---	---	---	0.1	---	---
Benzo(a)anthracene	µg/L	-	-	---	---	---	<0.1	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#7}	See BaP ^{#26}	---	---	---	<0.1	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#7}	See BaP ^{#26}	---	---	---	<0.1	---	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#26}	---	---	---	<0.1	---	---
Dibenz(a,h)anthracene	µg/L	-	-	---	---	---	<0.1	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#7}	See BaP ^{#26}	---	---	---	<0.1	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#7}	See BaP ^{#26}	---	---	---	<0.1	---	---
PAH 16 Total	µg/L	-	-	---	---	---	83.4	---	---
Benzo(b+k)fluoranthene	µg/L	-	-	---	---	---	---	---	---
TPH CWG									
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	---	---	---	<1	---	---
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	---	---	---	<1	---	---
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	---	---	---	20	---	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	---	---	---	5	---	---
>C16-C35 Aliphatics	µg/L	-	-	---	---	---	50	---	---
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	---	---	---	14	---	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---
>C35-C44 Aliphatics	µg/L	-	-	---	---	---	23	---	---
Total Aliphatics >C5-C44	µg/L	-	-	---	---	---	---	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	---	---	---	<1	---	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	---	---	---	2	---	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	---	---	---	4	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	---	---	---	76	---	---
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	---	---	---	130	---	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	---	---	---	48	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	---	---	---	339	---	---
>EC35-EC44 Aromatics	µg/L	-	-	---	---	---	164	---	---
Total Aromatics >EC5-EC44	µg/L	-	-	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	µg/L	-	-	---	---	---	875	---	---
BTEX and MTBE									
Benzene	µg/L	1 ^{#1}	8 ^{#17}	---	---	---	<1	---	---
Toluene	µg/L	700 ^{#2}	74 ^{#17}	---	---	---	2	---	---
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#27}	---	---	---	2	---	---
p-Xylene	µg/L	125 ^{#8}	7.5 ^{#28}	---	---	---	---	---	---
Xylene (m & p)	µg/L	250 ^{#8}	15 ^{#28}	---	---	---	<2	---	---
Xylene (o)	µg/L	250 ^{#8}	15 ^{#28}	---	---	---	2	---	---
Xylene Total	µg/L	500 ^{#2}	30 ^{#18}	---	---	---	4	---	---
MTBE	µg/L	15 ^{#9}	15 ^{#9}	---	---	---	<2	---	---
VOC									
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	---	---	---	<2	---	---
Styrene	µg/L	-	50 ^{#18}	---	---	---	<1	---	---
cis-1,3-dichloropropene	µg/L	-	-	---	---	---	<1	---	---
trans-1,3-dichloropropene	µg/L	-	-	---	---	---	<1	---	---
1,1,1,2-tetrachloroethane	µg/L	-	-	---	---	---	<1	---	---
1,1,1-trichloroethane	µg/L	2,000 ^{#10}	100 ^{#18}	---	---	---	<1	---	---
1,1,2,2-tetrachloroethane	µg/L	-	-	---	---	---	<1	---	---
1,1,2-trichloroethane	µg/L	-	300 ^{#18}	---	---	---	<1	---	---
1,1-dichloroethane	µg/L	2.6 ^{#11}	-	---	---	---	<1	---	---
1,1-dichloroethene	µg/L	140 ^{#12}	-	---	---	---	<1	---	---
1,1-dichloropropene	µg/L	-	-	---	---	---	<1	---	---
1,2,3-trichloropropane	µg/L	-	-	---	---	---	<1	---	---
1,2,3-trimethylbenzene	µg/L	-	-	---	---	---	---	---	---
1,2,4-trimethylbenzene	µg/L	-	-	---	---	---	<1	---	---
1,2-dibromo-3-chloropropane	µg/L	-	-	---	---	---	<1	---	---
1,2-dibromoethane	µg/L	-	-	---	---	---	<1	---	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#17}	---	---	---	<1	---	---
1,2-dichloropropane	µg/L	-	-	---	---	---	<1	---	---
1,3,5-trimethylbenzene	µg/L	-	-	---	---	---	<1	---	---
1,3-dichloropropane	µg/L	-	-	---	---	---	<1	---	---
2,2-dichloropropane	µg/L	-	-	---	---	---	<1	---	---
2-chlorotoluene	µg/L	-	-	---	---	---	<1	---	---
4-chlorotoluene	µg/L	-	-	---	---	---	<1	---	---
Bromobenzene	µg/L	-	-	---	---	---	<1	---	---
Bromochloromethane	µg/L	-	-	---	---	---	<1	---	---
Bromodichloromethane	µg/L	25 ^{#13}	-	---	---	---	<1	---	---

Matrix Description				GMG	GMG	GMG	GMG	GMG	GMG
Location Code				SHO-TS1_AUK_TP107-S5	SHO-TS1_AUK_TP107-S7	SHO-TS1_AUK_TP108-S1	SHO-TS1_AUK_TP109-S1	SHO-TS1_AUK_TP109-S1	SHO-TS1_AUK_TP110-S1
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				106848	106848	106848	106848	106848	106848
Date				04 Mar 2022	04 Mar 2022	03 Mar 2022	03 Mar 2022	03 Mar 2022	03 Mar 2022
Depth				3	4.2	3	3.5	3.5	2.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Bromoform	µg/L	25 ^{#13}	-	---	---	---	<1	---	---
Bromomethane	µg/L	-	-	---	---	---	<3	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#17}	---	---	---	<1	---	---
Chlorodibromomethane	µg/L	25 ^{#13}	-	---	---	---	<1	---	---
Chloroethane	µg/L	-	-	---	---	---	<1	---	---
Chloroform	µg/L	25 ^{#13}	2.5 ^{#17}	---	---	---	<1	---	---
Chloromethane	µg/L	-	-	---	---	---	<1	---	---
cis-1,2-dichloroethene	µg/L	25 ^{#14}	-	---	---	---	<1	---	---
Dibromomethane	µg/L	-	-	---	---	---	<1	---	---
Dichlorodifluoromethane	µg/L	-	-	---	---	---	<1	---	---
Dichloromethane	µg/L	-	20 ^{#17}	---	---	---	---	---	---
Isopropylbenzene	µg/L	-	-	---	---	---	<1	---	---
n-butylbenzene	µg/L	-	-	---	---	---	<1	---	---
n-propylbenzene	µg/L	-	-	---	---	---	<1	---	---
p-isopropyltoluene	µg/L	-	-	---	---	---	<1	---	---
sec-butylbenzene	µg/L	-	-	---	---	---	<1	---	---
Trichloroethene	µg/L	5 ^{#15}	10 ^{#17}	---	---	---	<1	---	---
tert-butylbenzene	µg/L	-	-	---	---	---	<1	---	---
Tetrachloroethene	µg/L	5 ^{#15}	10 ^{#17}	---	---	---	<1	---	---
trans-1,2-dichloroethene	µg/L	25 ^{#14}	-	---	---	---	<1	---	---
Trichlorofluoromethane	µg/L	-	-	---	---	---	<1	---	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	---	---	---	<1	---	---
VOC/SVOC									
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#29}	---	---	---	<1	---	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#29}	---	---	---	<0.1	2	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#30}	---	---	---	<0.1	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#30}	---	---	---	<0.1	---	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#30}	---	---	---	<0.1	---	---
Chlorobenzene	µg/L	100 ^{#16}	-	---	---	---	<1	---	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#22}	---	---	---	<0.1	---	---
SVOC									
4-bromophenyl phenyl ether	µg/L	-	-	---	---	---	<0.1	---	---
4-nitroaniline	µg/L	-	-	---	---	---	<0.1	---	---
4-nitrophenol	µg/L	-	-	---	---	---	<0.1	---	---
1-Methylnaphthalene	µg/L	-	-	---	---	---	4	---	---
1-naphthylamine	µg/L	-	-	---	---	---	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	---	---	---	<0.1	---	---
2,4,6-trichlorophenol	µg/L	-	-	---	---	---	<0.1	---	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#17}	---	---	---	<0.1	---	---
2,4-dimethylphenol	µg/L	-	-	---	---	---	<0.1	---	---
2,4-dinitrophenol	µg/L	-	-	---	---	---	<0.1	---	---
2,4-dinitrotoluene	µg/L	-	-	---	---	---	<0.1	---	---
2,6-dinitrotoluene	µg/L	-	-	---	---	---	<0.1	---	---
2-chloronaphthalene	µg/L	-	-	---	---	---	<0.1	---	---
2-chlorophenol	µg/L	-	50 ^{#18}	---	---	---	<0.1	---	---
2-methylnaphthalene	µg/L	-	-	---	---	---	4.2	---	---
2-methylphenol	µg/L	-	-	---	---	---	<0.1	---	---
2-nitroaniline	µg/L	-	-	---	---	---	<0.1	---	---
2-nitrophenol	µg/L	-	-	---	---	---	<0.1	---	---
3-nitroaniline	µg/L	-	-	---	---	---	<0.1	---	---
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	<0.1	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#18}	---	---	---	<0.1	---	---
4-chloroaniline	µg/L	-	-	---	---	---	<0.1	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	---	---	---	<0.1	---	---
4-methylphenol	µg/L	-	-	---	---	---	---	---	---
Azobenzene	µg/L	-	-	---	---	---	<0.1	---	---
Bis(2-chloroethoxy) methane	µg/L	-	-	---	---	---	<0.1	---	---
Bis(2-chloroethyl)ether	µg/L	-	-	---	---	---	<0.1	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	<0.1	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#17}	---	---	---	<0.1	---	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#17}	---	---	---	<0.1	---	---
Carbazole	µg/L	-	-	---	---	---	<0.1	---	---
Dibenzofuran	µg/L	-	-	---	---	---	<0.1	---	---
Diethylphthalate	µg/L	-	200 ^{#18}	---	---	---	<0.1	---	---
Dimethyl phthalate	µg/L	-	800 ^{#18}	---	---	---	<0.1	---	---
Di-n-butyl phthalate	µg/L	-	8 ^{#18}	---	---	---	<0.1	---	---
Di-n-octyl phthalate	µg/L	-	20 ^{#18}	---	---	---	<0.1	---	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#22}	---	---	---	<0.1	---	---
Hexachlorocyclopentadiene	µg/L	-	-	---	---	---	<0.1	---	---
Hexachloroethane	µg/L	-	-	---	---	---	<0.1	---	---

Matrix Description				GMG	GMG	GMG	GMG	GMG	GMG
Location Code				SHO-TS1_AUK_TP107-S5	SHO-TS1_AUK_TP107-S7	SHO-TS1_AUK_TP108-S1	SHO-TS1_AUK_TP109-S1	SHO-TS1_AUK_TP109-S1	SHO-TS1_AUK_TP110-S1
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				106848	106848	106848	106848	106848	106848
Date				04 Mar 2022	04 Mar 2022	03 Mar 2022	03 Mar 2022	03 Mar 2022	03 Mar 2022
Depth				3	4.2	3	3.5	3.5	2.5
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Isophorone	µg/L	-	-	---	---	---	<0.1	---	---
Nitrobenzene	µg/L	-	-	---	---	---	<0.1	---	---
N-Nitrosodimethylamine	µg/L	-	-	---	---	---	<0.1	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	---	---	---	<0.1	---	---
Pentachlorophenol	µg/L	-	0.4 ^{#17}	---	---	---	<0.1	---	---
Phenolics									
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	<0.1	---	---
Phenol	µg/L	5,800 ^{#11}	7.7 ^{#17}	---	---	---	<0.1	---	---
Total Phenols	µg/L	-	-	---	---	---	27	---	---
SVOC TIC									
1,2'-Binaphthalene	µg/L	-	-	---	---	---	---	---	---
Phenol, 2-ethyl-6-methyl-	µg/L	-	-	---	---	---	---	---	---
1H-Indene, 1-methyl-	µg/L	-	-	---	---	---	---	---	---
2-Phenylphenol	µg/L	-	-	---	---	---	---	---	---
2-Amino-3,4:5,6-bis(trimethylene)pyridine	µg/L	-	-	---	---	---	---	---	---
3-ethyl-5-methylphenol	µg/L	-	-	---	---	---	---	---	---
VOC TIC									
Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	µg/L	-	-	---	---	---	---	---	---
2-Methylindene	µg/L	-	-	---	---	---	---	---	---
Benzene, 1-ethenyl-3methyl-	µg/L	-	-	---	---	---	---	---	---
Other									
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#31}	---	---	---	7.1	---	---



Matrix Description				GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code				SHO-TS1_AUK_TP111-S1	SHO-TS1_AUK_TP111-S1	SHO-TS1_AUK_TP111-S3	SHO-TS1_AUK_TP112-S1	SHO-TS1_AUK_TP113-S1	SHO-TS1_AUK_TP114-S1	TLA-SL-S1
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				106848	106848	106848	106848	106848	106848	23-524-1-260123
Date				03 Mar 2022	03 Mar 2022	03 Mar 2022	04 Mar 2022	04 Mar 2022	04 Mar 2022	11 Jan 2023
Depth				4	4	2.2	1.5	1.5	2	1
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Metals										
Aluminium (filtered)	µg/L	200 ^{#1}	-	---	---	---	---	---	---	499
Antimony	µg/L	5 ^{#1}	-	6.7	---	---	---	---	---	---
Antimony (filtered)	µg/L	5 ^{#1}	-	---	---	---	---	---	---	<2
Arsenic	µg/L	10 ^{#1}	25 ^{#17}	3.83	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#17}	---	---	---	---	---	---	<2.5
Barium	µg/L	1,300 ^{#2}	-	28.6	---	---	---	---	---	---
Barium (filtered)	µg/L	1,300 ^{#2}	-	---	---	---	---	---	---	197
Beryllium	µg/L	-	-	<0.06	---	---	---	---	---	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#18}	65	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#18}	---	---	---	---	---	---	<12
Cadmium	µg/L	5 ^{#1}	0.2 ^{#19}	0.13	---	---	---	---	---	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#19}	---	---	---	---	---	---	<0.5
Chromium (hexavalent)	µg/L	-	0.6 ^{#19}	<10	---	---	---	---	---	22
Chromium	µg/L	50 ^{#1}	0.6 ^{#19}	2.1	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#19}	---	---	---	---	---	---	31.1
Copper	µg/L	2,000 ^{#1}	3.76 ^{#20}	36.8	---	---	---	---	---	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#20}	---	---	---	---	---	---	8
Ferric Iron (filtered)	µg/L	-	1,000 ^{#21}	---	---	---	---	---	---	<20
Iron	µg/L	200 ^{#1}	1,000 ^{#17}	168	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#17}	---	---	---	---	---	---	<20
Lead	µg/L	10 ^{#1}	1.3 ^{#19}	0.7	---	---	---	---	---	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#19}	---	---	---	---	---	---	<5
Manganese	µg/L	50 ^{#1}	-	2.4	---	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	---	---	---	---	---	---	<2
Mercury	µg/L	1 ^{#1}	0.07 (MAC) ^{#22}	0.157	---	---	---	---	---	---
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#22}	---	---	---	---	---	---	<0.01
Molybdenum	µg/L	70 ^{#3}	-	6.2	---	---	---	---	---	---
Molybdenum (filtered)	µg/L	70 ^{#3}	-	---	---	---	---	---	---	9
Nickel	µg/L	20 ^{#1}	8.6 ^{#19}	2.5	---	---	---	---	---	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#19}	---	---	---	---	---	---	<2
Selenium (filtered)	µg/L	10 ^{#1}	-	---	---	---	---	---	---	<3
Silicon (filtered)	µg/L	-	-	---	---	---	---	---	---	1,101
Vanadium	µg/L	-	100 ^{#23}	37	---	---	---	---	---	---
Vanadium (filtered)	µg/L	-	100 ^{#23}	---	---	---	---	---	---	13.9
Zinc	µg/L	3,000 ^{#4}	7.9 ^{#24}	4	---	---	---	---	---	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#24}	---	---	---	---	---	---	<3
Inorganics										
Sulphate (2:1 Water Soluble) as SO4	mg/l	-	-	15	691	345	51	1,150	718	11.8
Inorganic Nitrogen	mg/l	-	-	---	---	---	---	---	---	0.26
Ortho phosphate as PO4	mg/l	-	-	---	---	---	---	---	---	<0.06
Ammonia	mg/L	-	0.021 ^{#17}	0.597	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#17}	---	---	---	---	---	---	0.04
Calcium (filtered)	mg/L	-	-	---	---	---	---	---	---	287.9
Chloride	mg/L	250 ^{#1}	-	2	---	---	---	---	---	12.3
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#17}	---	---	---	---	---	---	<1
Cyanide Total	µg/L	50 ^{#1}	1 ^{#17}	<5	---	---	---	---	---	4
cyanides-complex	µg/L	50 ^{#1}	1 ^{#17}	---	---	---	---	---	---	4
Ferrous Iron (filtered)	µg/L	-	1,000 ^{#21}	---	---	---	---	---	---	<20
Magnesium	mg/L	-	-	0.0257	---	---	---	---	---	---
Magnesium (filtered)	mg/L	-	-	---	---	---	---	---	---	<0.1
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	---	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	---	---	---
Phosphate (as PO4)	mg/L	-	-	---	---	---	---	---	---	<0.06
Potassium (filtered)	mg/L	-	-	---	---	---	---	---	---	16.2
Sodium (filtered)	mg/L	200 ^{#1}	-	---	---	---	---	---	---	9.6
Sulphide	µg/L	-	10 (MAC) ^{#25}	---	---	---	---	---	---	<10
Sulphur as S	mg/L	-	-	---	---	---	---	---	---	6.79
Thiocyanate (as SCN)	µg/L	-	-	---	---	---	---	---	---	<20
PAH										
Naphthalene	µg/L	-	2 ^{#17}	1.2	---	---	---	---	---	0.5
Acenaphthene	µg/L	-	-	2.8	---	---	---	---	---	0.321
Acenaphthylene	µg/L	-	-	<0.1	---	---	---	---	---	0.077
Fluoranthene	µg/L	-	0.0063 ^{#17}	0.3	---	---	---	---	---	0.502
Anthracene	µg/L	-	0.1 ^{#17}	0.2	---	---	---	---	---	0.111
Phenanthrene	µg/L	-	-	1.9	---	---	---	---	---	1.307

Matrix Description				GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code				SHO-TS1_AUK_TP111-S1	SHO-TS1_AUK_TP111-S1	SHO-TS1_AUK_TP111-S3	SHO-TS1_AUK_TP112-S1	SHO-TS1_AUK_TP113-S1	SHO-TS1_AUK_TP114-S1	TLA-SL-S1
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				106848	106848	106848	106848	106848	106848	23-524-1-260123
Date				03 Mar 2022	03 Mar 2022	03 Mar 2022	04 Mar 2022	04 Mar 2022	04 Mar 2022	11 Jan 2023
Depth				4	4	2.2	1.5	1.5	2	1
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Fluorene	µg/L	-	-	1.2	---	---	---	---	---	0.103
Chrysene	µg/L	-	-	<0.1	---	---	---	---	---	0.065
Pyrene	µg/L	-	-	0.2	---	---	---	---	---	0.35
Benzo(a)anthracene	µg/L	-	-	<0.1	---	---	---	---	---	0.065
Benzo(b)fluoranthene	µg/L	0.025 ^{#7}	See BaP ^{#26}	<0.1	---	---	---	---	---	0.069
Benzo(k)fluoranthene	µg/L	0.025 ^{#7}	See BaP ^{#26}	<0.1	---	---	---	---	---	0.027
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#26}	<0.1	---	---	---	---	---	0.033
Dibenz(a,h)anthracene	µg/L	-	-	<0.1	---	---	---	---	---	<0.005
Benzo(g,h,i)perylene	µg/L	0.025 ^{#7}	See BaP ^{#26}	<0.1	---	---	---	---	---	0.021
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#7}	See BaP ^{#26}	<0.1	---	---	---	---	---	0.027
PAH 16 Total	µg/L	-	-	7.7	---	---	---	---	---	3.578
Benzo(b+k)fluoranthene	µg/L	-	-	---	---	---	---	---	---	0.096
TPH CWG										
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<1	---	---	---	---	---	<10
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	<1	---	---	---	---	---	<10
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	1	---	---	---	---	---	<10
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<1	---	---	---	---	---	<5
>C16-C35 Aliphatics	µg/L	-	-	3	---	---	---	---	---	<20
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	5	---	---	---	---	---	<10
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	<10
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	---	---	---	---	---	---	<10
>C35-C44 Aliphatics	µg/L	-	-	<1	---	---	---	---	---	<10
Total Aliphatics >C5-C44	µg/L	-	-	---	---	---	---	---	---	<10
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	<1	---	---	---	---	---	<10
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<1	---	---	---	---	---	<10
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	<1	---	---	---	---	---	<10
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	1	---	---	---	---	---	<5
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	3	---	---	---	---	---	<10
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	3	---	---	---	---	---	<10
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	<1	---	---	---	---	---	<10
>EC35-EC44 Aromatics	µg/L	-	-	61	---	---	---	---	---	<10
Total Aromatics >EC5-EC44	µg/L	-	-	---	---	---	---	---	---	<10
TPH >C5-C44 Aliphatics/Aromatics	µg/L	-	-	77	---	---	---	---	---	<10
BTEX and MTBE										
Benzene	µg/L	1 ^{#1}	8 ^{#17}	<1	---	---	---	---	---	<0.5
Toluene	µg/L	700 ^{#2}	74 ^{#17}	<1	---	---	---	---	---	<5
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#27}	<1	---	---	---	---	---	<1
p-Xylene	µg/L	125 ^{#8}	7.5 ^{#28}	---	---	---	---	---	---	---
Xylene (m & p)	µg/L	250 ^{#8}	15 ^{#28}	<2	---	---	---	---	---	<2
Xylene (o)	µg/L	250 ^{#8}	15 ^{#28}	<1	---	---	---	---	---	<1
Xylene Total	µg/L	500 ^{#2}	30 ^{#18}	<3	---	---	---	---	---	<3
MTBE	µg/L	15 ^{#9}	15 ^{#9}	<2	---	---	---	---	---	<0.1
VOC										
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	<2	---	---	---	---	---	<6
Styrene	µg/L	-	50 ^{#18}	<1	---	---	---	---	---	<2
cis-1,3-dichloropropene	µg/L	-	-	<1	---	---	---	---	---	<2
trans-1,3-dichloropropene	µg/L	-	-	<1	---	---	---	---	---	<2
1,1,1,2-tetrachloroethane	µg/L	-	-	<1	---	---	---	---	---	<2
1,1,1-trichloroethane	µg/L	2,000 ^{#10}	100 ^{#18}	<1	---	---	---	---	---	<2
1,1,2,2-tetrachloroethane	µg/L	-	-	<1	---	---	---	---	---	<4
1,1,2-trichloroethane	µg/L	-	300 ^{#18}	<1	---	---	---	---	---	<2
1,1-dichloroethane	µg/L	2.6 ^{#11}	-	<1	---	---	---	---	---	<3
1,1-dichloroethene	µg/L	140 ^{#12}	-	<1	---	---	---	---	---	<3
1,1-dichloropropene	µg/L	-	-	<1	---	---	---	---	---	<3
1,2,3-trichloropropane	µg/L	-	-	<1	---	---	---	---	---	<3
1,2,3-trimethylbenzene	µg/L	-	-	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	µg/L	-	-	<1	---	---	---	---	---	<3
1,2-dibromo-3-chloropropane	µg/L	-	-	<1	---	---	---	---	---	<2
1,2-dibromoethane	µg/L	-	-	<1	---	---	---	---	---	<2
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#17}	<1	---	---	---	---	---	<2
1,2-dichloropropane	µg/L	-	-	<1	---	---	---	---	---	<2
1,3,5-trimethylbenzene	µg/L	-	-	<1	---	---	---	---	---	<3
1,3-dichloropropane	µg/L	-	-	<1	---	---	---	---	---	<2
2,2-dichloropropane	µg/L	-	-	<1	---	---	---	---	---	<1
2-chlorotoluene	µg/L	-	-	<1	---	---	---	---	---	<3
4-chlorotoluene	µg/L	-	-	<1	---	---	---	---	---	<3
Bromobenzene	µg/L	-	-	<1	---	---	---	---	---	<2
Bromochloromethane	µg/L	-	-	<1	---	---	---	---	---	<2
Bromodichloromethane	µg/L	25 ^{#13}	-	<1	---	---	---	---	---	<2

Matrix Description				GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code				SHO-TS1_AUK_TP111-S1	SHO-TS1_AUK_TP111-S1	SHO-TS1_AUK_TP111-S3	SHO-TS1_AUK_TP112-S1	SHO-TS1_AUK_TP113-S1	SHO-TS1_AUK_TP114-S1	TLA-SL-S1
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				106848	106848	106848	106848	106848	106848	23-524-1-260123
Date				03 Mar 2022	03 Mar 2022	03 Mar 2022	04 Mar 2022	04 Mar 2022	04 Mar 2022	11 Jan 2023
Depth				4	4	2.2	1.5	1.5	2	1
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Bromoform	µg/L	25 ^{#13}	-	<1	---	---	---	---	---	<2
Bromomethane	µg/L	-	-	<3	---	---	---	---	---	<1
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#17}	<1	---	---	---	---	---	<2
Chlorodibromomethane	µg/L	25 ^{#13}	-	<1	---	---	---	---	---	<2
Chloroethane	µg/L	-	-	<1	---	---	---	---	---	<3
Chloroform	µg/L	25 ^{#13}	2.5 ^{#17}	<1	---	---	---	---	---	<2
Chloromethane	µg/L	-	-	<1	---	---	---	---	---	<3
cis-1,2-dichloroethene	µg/L	25 ^{#14}	-	<1	---	---	---	---	---	<3
Dibromomethane	µg/L	-	-	<1	---	---	---	---	---	<3
Dichlorodifluoromethane	µg/L	-	-	<1	---	---	---	---	---	<2
Dichloromethane	µg/L	-	20 ^{#17}	---	---	---	---	---	---	<3
Isopropylbenzene	µg/L	-	-	<1	---	---	---	---	---	<3
n-butylbenzene	µg/L	-	-	<1	---	---	---	---	---	<3
n-propylbenzene	µg/L	-	-	<1	---	---	---	---	---	<3
p-isopropyltoluene	µg/L	-	-	<1	---	---	---	---	---	<3
sec-butylbenzene	µg/L	-	-	<1	---	---	---	---	---	<3
Trichloroethene	µg/L	5 ^{#15}	10 ^{#17}	<1	---	---	---	---	---	<3
tert-butylbenzene	µg/L	-	-	<1	---	---	---	---	---	<3
Tetrachloroethene	µg/L	5 ^{#15}	10 ^{#17}	<1	---	---	---	---	---	<3
trans-1,2-dichloroethene	µg/L	25 ^{#14}	-	<1	---	---	---	---	---	<3
Trichlorofluoromethane	µg/L	-	-	<1	---	---	---	---	---	<3
Vinyl chloride	µg/L	0.5 ^{#1}	-	<1	---	---	---	---	---	<0.1
VOC/SVOC										
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#29}	<1	---	---	---	---	---	<3
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#29}	<0.1	---	---	---	---	---	<1
1,2-dichlorobenzene	µg/L	-	6.7 ^{#30}	<0.1	---	---	---	---	---	<1
1,3-dichlorobenzene	µg/L	-	6.7 ^{#30}	<0.1	---	---	---	---	---	<1
1,4-dichlorobenzene	µg/L	-	6.7 ^{#30}	<0.1	---	---	---	---	---	<1
Chlorobenzene	µg/L	100 ^{#16}	-	<1	---	---	---	---	---	<2
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#22}	<0.1	---	---	---	---	---	<1
SVOC										
4-bromophenyl phenyl ether	µg/L	-	-	<0.1	---	---	---	---	---	<1
4-nitroaniline	µg/L	-	-	<0.1	---	---	---	---	---	<0.5
4-nitrophenol	µg/L	-	-	<0.1	---	---	---	---	---	<10
1-Methylnaphthalene	µg/L	-	-	<0.1	---	---	---	---	---	---
1-naphthylamine	µg/L	-	-	---	---	---	---	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	<0.1	---	---	---	---	---	<0.5
2,4,6-trichlorophenol	µg/L	-	-	<0.1	---	---	---	---	---	<1
2,4-dichlorophenol	µg/L	-	0.42 ^{#17}	<0.1	---	---	---	---	---	<0.5
2,4-dimethylphenol	µg/L	-	-	<0.1	---	---	---	---	---	<1
2,4-dinitrophenol	µg/L	-	-	<0.1	---	---	---	---	---	---
2,4-dinitrotoluene	µg/L	-	-	<0.1	---	---	---	---	---	<0.5
2,6-dinitrotoluene	µg/L	-	-	<0.1	---	---	---	---	---	<1
2-chloronaphthalene	µg/L	-	-	<0.1	---	---	---	---	---	<1
2-chlorophenol	µg/L	-	50 ^{#18}	<0.1	---	---	---	---	---	<1
2-methylnaphthalene	µg/L	-	-	<0.1	---	---	---	---	---	<1
2-methylphenol	µg/L	-	-	<0.1	---	---	---	---	---	<0.5
2-nitroaniline	µg/L	-	-	<0.1	---	---	---	---	---	<1
2-nitrophenol	µg/L	-	-	<0.1	---	---	---	---	---	<0.5
3-nitroaniline	µg/L	-	-	<0.1	---	---	---	---	---	<1
4,6-Dinitro-2-methylphenol	µg/L	-	-	<0.1	---	---	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#18}	<0.1	---	---	---	---	---	<0.5
4-chloroaniline	µg/L	-	-	<0.1	---	---	---	---	---	<1
4-chlorophenyl phenyl ether	µg/L	-	-	<0.1	---	---	---	---	---	<1
4-methylphenol	µg/L	-	-	---	---	---	---	---	---	<1
Azobenzene	µg/L	-	-	<0.1	---	---	---	---	---	<0.5
Bis(2-chloroethoxy) methane	µg/L	-	-	<0.1	---	---	---	---	---	<0.5
Bis(2-chloroethyl)ether	µg/L	-	-	<0.1	---	---	---	---	---	<1
Bis(2-chloroisopropyl) ether	µg/L	-	-	<0.1	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#17}	<0.1	---	---	---	---	---	<5
Butyl benzyl phthalate	µg/L	-	0.75 ^{#17}	<0.1	---	---	---	---	---	<1
Carbazole	µg/L	-	-	<0.1	---	---	---	---	---	1.6
Dibenzofuran	µg/L	-	-	<0.1	---	---	---	---	---	<0.5
Diethylphthalate	µg/L	-	200 ^{#18}	<0.1	---	---	---	---	---	<1
Dimethyl phthalate	µg/L	-	800 ^{#18}	<0.1	---	---	---	---	---	<1
Di-n-butyl phthalate	µg/L	-	8 ^{#18}	<0.1	---	---	---	---	---	<1.5
Di-n-octyl phthalate	µg/L	-	20 ^{#18}	<0.1	---	---	---	---	---	<1
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#22}	<0.1	---	---	---	---	---	<1
Hexachlorocyclopentadiene	µg/L	-	-	<0.1	---	---	---	---	---	<1
Hexachloroethane	µg/L	-	-	<0.1	---	---	---	---	---	<1

Matrix Description				GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code				SHO-TS1_AUK_TP111-S1	SHO-TS1_AUK_TP111-S1	SHO-TS1_AUK_TP111-S3	SHO-TS1_AUK_TP112-S1	SHO-TS1_AUK_TP113-S1	SHO-TS1_AUK_TP114-S1	TLA-SL-S1
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				106848	106848	106848	106848	106848	106848	23-524-1-260123
Date				03 Mar 2022	03 Mar 2022	03 Mar 2022	04 Mar 2022	04 Mar 2022	04 Mar 2022	11 Jan 2023
Depth				4	4	2.2	1.5	1.5	2	1
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Isophorone	µg/L	-	-	<0.1	---	---	---	---	---	<0.5
Nitrobenzene	µg/L	-	-	<0.1	---	---	---	---	---	<1
N-Nitrosodimethylamine	µg/L	-	-	<0.1	---	---	---	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	<0.1	---	---	---	---	---	<0.5
Pentachlorophenol	µg/L	-	0.4 ^{#17}	<0.1	---	---	---	---	---	<1
Phenolics										
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	<0.1	---	---	---	---	---	---
Phenol	µg/L	5,800 ^{#11}	7.7 ^{#17}	<0.1	---	---	---	---	---	<1
Total Phenols	µg/L	-	-	<10	---	---	---	---	---	---
SVOC TIC										
1,2'-Binaphthalene	µg/L	-	-	---	---	---	---	---	---	---
Phenol, 2-ethyl-6-methyl-	µg/L	-	-	---	---	---	---	---	---	---
1H-Indene, 1-methyl-	µg/L	-	-	---	---	---	---	---	---	---
2-Phenylphenol	µg/L	-	-	---	---	---	---	---	---	---
2-Amino-3,4:5,6-bis(trimethylene)pyridine	µg/L	-	-	---	---	---	---	---	---	---
3-ethyl-5-methylphenol	µg/L	-	-	---	---	---	---	---	---	---
VOC TIC										
Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	µg/L	-	-	---	---	---	---	---	---	---
2-Methylindene	µg/L	-	-	---	---	---	---	---	---	---
Benzene, 1-ethenyl-3methyl-	µg/L	-	-	---	---	---	---	---	---	---
Other										
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#31}	8.1	---	---	---	---	---	12.18

Matrix Description				GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code				TLA-SL-S2	TLA-SL-S4	TLA-SL-S5	TLA-SL-S6	TLA-SL-S7	TLA-SL-S8	TLA-SL-S9	TLA-SL-S10
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123
Date				11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023
Depth				2	3	3.5	2	1	3.5	2	3
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	124	826	1,493	1,181	1,429	2,138	163	704
Antimony	µg/L	5 ^{#1}	-	---	---	---	---	---	---	---	---
Antimony (filtered)	µg/L	5 ^{#1}	-	<2	<2	<2	<2	<2	<2	2	<2
Arsenic	µg/L	10 ^{#1}	25 ^{#17}	---	---	---	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#17}	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	4.7	3.0
Barium	µg/L	1,300 ^{#2}	-	---	---	---	---	---	---	---	---
Barium (filtered)	µg/L	1,300 ^{#2}	-	504	269	71	40	90	32	21	14
Beryllium	µg/L	-	-	---	---	---	---	---	---	---	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#18}	---	---	---	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#18}	<12	<12	25	22	<12	49	147	67
Cadmium	µg/L	5 ^{#1}	0.2 ^{#19}	---	---	---	---	---	---	---	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#19}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium (hexavalent)	µg/L	-	0.6 ^{#19}	47	50	26	48	<6	<6	<6	<6
Chromium	µg/L	50 ^{#1}	0.6 ^{#19}	---	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#19}	23.2	56.8	83.7	60.8	16.1	28.9	3.1	2.8
Copper	µg/L	2,000 ^{#1}	3.76 ^{#20}	---	---	---	---	---	---	---	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#20}	<7	<7	11	<7	20	27	<7	<7
Ferric Iron (filtered)	µg/L	-	1,000 ^{#21}	<20	<20	<20	<20	<20	<20	<20	<20
Iron	µg/L	200 ^{#1}	1,000 ^{#17}	---	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#17}	<20	<20	<20	<20	<4.7	12.6	<4.7	13.4
Lead	µg/L	10 ^{#1}	1.3 ^{#19}	---	---	---	---	---	---	---	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#19}	<5	<5	<5	<5	<5	<5	<5	<5
Manganese	µg/L	50 ^{#1}	-	---	---	---	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	<2	<2	<2	<2	<2	<2	<2	<2
Mercury	µg/L	1 ^{#1}	0.07 (MAC) ^{#22}	---	---	---	---	---	---	---	---
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#22}	<0.01	0.01	0.05	0.01	0.03	0.04	<0.01	<0.01
Molybdenum	µg/L	70 ^{#3}	-	---	---	---	---	---	---	---	---
Molybdenum (filtered)	µg/L	70 ^{#3}	-	6	8	8	7	7	8	10	6
Nickel	µg/L	20 ^{#1}	8.6 ^{#19}	---	---	---	---	---	---	---	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#19}	<2	<2	<2	<2	<2	<2	<2	<2
Selenium (filtered)	µg/L	10 ^{#1}	-	<3	<3	<3	<3	<3	<3	<3	<3
Silicon (filtered)	µg/L	-	-	450	1,548	3,496	5,843	2,653	7,087	6,400	7,165
Vanadium	µg/L	-	100 ^{#23}	---	---	---	---	---	---	---	---
Vanadium (filtered)	µg/L	-	100 ^{#23}	3.9	25.4	110.3	159	48	202.8	161.5	218.9
Zinc	µg/L	3,000 ^{#4}	7.9 ^{#24}	---	---	---	---	---	---	---	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#24}	<3	<3	<3	<3	<3	<3	<3	<3
Inorganics											
Sulphate (2:1 Water Soluble) as SO4	mg/l	-	-	12	16.6	34.6	50.6	23.7	42.2	93.6	88.6
Inorganic Nitrogen	mg/l	-	-	0.17	0.23	0.2	0.2	0.61	1.08	0.91	0.31
Ortho phosphate as PO4	mg/l	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Ammonia	mg/L	-	0.021 ^{#17}	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#17}	0.06	0.03	0.05	0.06	0.09	0.07	0.03	0.05
Calcium (filtered)	mg/L	-	-	534.1	190	122.7	91.7	132.5	73.2	57.3	43.5
Chloride	mg/L	250 ^{#1}	-	9	8.8	5.8	4.5	10.1	8.4	6.4	5.8
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#17}	3	1	2	2	2	1	<1	<1
Cyanide Total	µg/L	50 ^{#1}	1 ^{#17}	4	2	5	9	3	32	4	27
cyanides-complex	µg/L	50 ^{#1}	1 ^{#17}	1	1	3	7	1	31	4	27
Ferrous Iron (filtered)	µg/L	-	1,000 ^{#21}	<20	<20	<20	<20	<20	<20	<20	<20
Magnesium	mg/L	-	-	---	---	---	---	---	---	---	---
Magnesium (filtered)	mg/L	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	0.2	<0.1
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	---	---	---	---	2	4.3	3.8	0.8
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	---	---	---	---	0.21	0.08	0.09	0.26
Phosphate (as PO4)	mg/L	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Potassium (filtered)	mg/L	-	-	9.7	10	5.6	9.9	13.6	19.9	8.2	9.1
Sodium (filtered)	mg/L	200 ^{#1}	-	5	8.5	4	6.8	7.8	10.8	7.2	24.4
Sulphide	µg/L	-	10 (MAC) ^{#25}	<10	<10	<10	<10	<10	<10	<10	<10
Sulphur as S	mg/L	-	-	8.864	7.491	13.617	18.155	10.338	14.979	35.663	30.497
Thiocyanate (as SCN)	µg/L	-	-	<20	<20	<20	<20	<20	<20	<20	<20
PAH											
Naphthalene	µg/L	-	2 ^{#17}	0.3	<2	1.1	<2	0.6	0.2	0.1	0.6
Acenaphthene	µg/L	-	-	0.332	0.649	0.805	1.386	0.118	0.031	0.011	0.069
Acenaphthylene	µg/L	-	-	<0.005	0.637	0.894	3.201	0.181	0.040	0.008	0.085
Fluoranthene	µg/L	-	0.0063 ^{#17}	0.674	1.047	1.434	1.61	0.304	0.257	0.054	0.617
Anthracene	µg/L	-	0.1 ^{#17}	0.108	0.376	0.595	0.73	0.044	0.029	<0.005	0.064
Phenanthrene	µg/L	-	-	1.394	3.213	3.482	4.867	0.370	0.081	0.027	0.393

Matrix Description				GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code				TLA-SL-S2	TLA-SL-S4	TLA-SL-S5	TLA-SL-S6	TLA-SL-S7	TLA-SL-S8	TLA-SL-S9	TLA-SL-S10
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123
Date				11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023
Depth				2	3	3.5	2	1	3.5	2	3
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Fluorene	µg/L	-	-	0.102	0.496	0.675	1.558	0.068	<0.005	<0.005	0.068
Chrysene	µg/L	-	-	0.111	0.08	0.116	0.194	0.144	0.115	0.041	0.160
Pyrene	µg/L	-	-	0.474	0.706	0.891	1.142	0.251	0.216	0.055	0.539
Benzo(a)anthracene	µg/L	-	-	0.111	0.072	0.111	0.072	0.132	0.117	0.024	0.143
Benzo(b)fluoranthene	µg/L	0.025 ^{#7}	See BaP ^{#26}	0.114	0.045	0.085	0.184	0.162	0.169	0.035	0.054
Benzo(k)fluoranthene	µg/L	0.025 ^{#7}	See BaP ^{#26}	0.044	0.018	0.033	0.072	0.063	0.066	0.014	0.021
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#26}	0.058	0.018	0.037	0.092	0.039	0.070	0.005	<0.005
Dibenz(a,h)anthracene	µg/L	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(g,h,i)perylene	µg/L	0.025 ^{#7}	See BaP ^{#26}	0.029	0.005	0.015	0.044	0.026	0.046	<0.005	<0.005
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#7}	See BaP ^{#26}	0.036	0.006	0.017	0.058	0.041	0.069	<0.005	<0.005
PAH 16 Total	µg/L	-	-	3.887	9.568	10.29	24.749	2.543	1.506	0.374	2.813
Benzo(b+k)fluoranthene	µg/L	-	-	0.158	0.063	0.118	0.256	0.225	0.235	0.049	0.075
TPH CWG											
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<5	<5	<5	<5	<5	<5	<5	<5
>C16-C35 Aliphatics	µg/L	-	-	<20	<20	<20	<20	<20	<20	<20	<20
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>C35-C44 Aliphatics	µg/L	-	-	<10	<10	<10	<10	<10	<10	<10	<10
Total Aliphatics >C5-C44	µg/L	-	-	<10	<10	<10	<10	<10	<10	<10	<10
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	<5	<5	<5	<5	<5	<5	<5	<5
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	<10	<10	<10	<10	<10
>EC35-EC44 Aromatics	µg/L	-	-	<10	<10	<10	<10	<10	<10	<10	<10
Total Aromatics >EC5-EC44	µg/L	-	-	<10	<10	<10	<10	<10	<10	<10	<10
TPH >C5-C44 Aliphatics/Aromatics	µg/L	-	-	<10	<10	<10	<10	<10	<10	<10	<10
BTEx and MTBE											
Benzene	µg/L	1 ^{#1}	8 ^{#17}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	µg/L	700 ^{#2}	74 ^{#17}	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#27}	<1	<1	<1	<1	<1	<1	<1	<1
p-Xylene	µg/L	125 ^{#8}	7.5 ^{#28}	---	---	---	---	---	---	---	---
Xylene (m & p)	µg/L	250 ^{#8}	15 ^{#28}	<2	<2	<2	<2	<2	<2	<2	<2
Xylene (o)	µg/L	250 ^{#8}	15 ^{#28}	<1	<1	<1	<1	<1	<1	<1	<1
Xylene Total	µg/L	500 ^{#2}	30 ^{#18}	<3	<3	<3	<3	<3	<3	<3	<3
MTBE	µg/L	15 ^{#9}	15 ^{#9}	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
VOC											
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	<6	<6	<6	<6	<6	<6	<6	<6
Styrene	µg/L	-	50 ^{#18}	<2	<2	<2	<2	<2	<2	<2	<2
cis-1,3-dichloropropene	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
trans-1,3-dichloropropene	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
1,1,1,2-tetrachloroethane	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
1,1,1-trichloroethane	µg/L	2,000 ^{#10}	100 ^{#18}	<2	<2	<2	<2	<2	<2	<2	<2
1,1,2,2-tetrachloroethane	µg/L	-	-	<4	<4	<4	<4	<4	<4	<4	<4
1,1,2-trichloroethane	µg/L	-	300 ^{#18}	<2	<2	<2	<2	<2	<2	<2	<2
1,1-dichloroethane	µg/L	2.6 ^{#11}	-	<3	<3	<3	<3	<3	<3	<3	<3
1,1-dichloroethene	µg/L	140 ^{#12}	-	<3	<3	<3	<3	<3	<3	<3	<3
1,1-dichloropropene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
1,2,3-trichloropropane	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
1,2,3-trimethylbenzene	µg/L	-	-	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
1,2-dibromo-3-chloropropane	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
1,2-dibromoethane	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#17}	<2	<2	<2	<2	<2	<2	<2	<2
1,2-dichloropropane	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
1,3,5-trimethylbenzene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
1,3-dichloropropane	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
2,2-dichloropropane	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
2-chlorotoluene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
4-chlorotoluene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
Bromobenzene	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
Bromochloromethane	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
Bromodichloromethane	µg/L	25 ^{#13}	-	<2	<2	<2	<2	<2	<2	<2	<2

Matrix Description				GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code				TLA-SL-S2	TLA-SL-S4	TLA-SL-S5	TLA-SL-S6	TLA-SL-S7	TLA-SL-S8	TLA-SL-S9	TLA-SL-S10
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123
Date				11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023
Depth				2	3	3.5	2	1	3.5	2	3
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Bromoform	µg/L	25 ^{#13}	-	<2	<2	<2	<2	<2	<2	<2	<2
Bromomethane	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#17}	<2	<2	<2	<2	<2	<2	<2	<2
Chlorodibromomethane	µg/L	25 ^{#13}	-	<2	<2	<2	<2	<2	<2	<2	<2
Chloroethane	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
Chloroform	µg/L	25 ^{#13}	2.5 ^{#17}	<2	<2	<2	<2	<2	<2	<2	<2
Chloromethane	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
cis-1,2-dichloroethene	µg/L	25 ^{#14}	-	<3	<3	<3	<3	<3	<3	<3	<3
Dibromomethane	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
Dichlorodifluoromethane	µg/L	-	-	<2	<2	<2	<2	<2	<2	<2	<2
Dichloromethane	µg/L	-	20 ^{#17}	<3	<3	<3	<3	<3	<3	<3	<3
Isopropylbenzene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
n-butylbenzene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
n-propylbenzene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
p-isopropyltoluene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
sec-butylbenzene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
Trichloroethene	µg/L	5 ^{#15}	10 ^{#17}	<3	<3	<3	<3	<3	<3	<3	<3
tert-butylbenzene	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
Tetrachloroethene	µg/L	5 ^{#15}	10 ^{#17}	<3	<3	<3	<3	<3	<3	<3	<3
trans-1,2-dichloroethene	µg/L	25 ^{#14}	-	<3	<3	<3	<3	<3	<3	<3	<3
Trichlorofluoromethane	µg/L	-	-	<3	<3	<3	<3	<3	<3	<3	<3
Vinyl chloride	µg/L	0.5 ^{#1}	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
VOC/SVOC											
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#29}	<3	<3	<3	<3	<3	<3	<3	<3
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#29}	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichlorobenzene	µg/L	-	6.7 ^{#30}	<1	<1	<1	<1	<1	<1	<1	<1
1,3-dichlorobenzene	µg/L	-	6.7 ^{#30}	<1	<1	<1	<1	<1	<1	<1	<1
1,4-dichlorobenzene	µg/L	-	6.7 ^{#30}	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	µg/L	100 ^{#16}	-	<2	<2	<2	<2	<2	<2	<2	<2
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#22}	<1	<1	<1	<1	<1	<1	<1	<1
SVOC											
4-bromophenyl phenyl ether	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
4-nitroaniline	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
4-nitrophenol	µg/L	-	-	<10	<10	<10	<10	<10	<10	<10	<10
1-Methylnaphthalene	µg/L	-	-	---	---	---	---	---	---	---	---
1-naphthylamine	µg/L	-	-	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2,4,6-trichlorophenol	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
2,4-dichlorophenol	µg/L	-	0.42 ^{#17}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2,4-dimethylphenol	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
2,4-dinitrophenol	µg/L	-	-	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2,6-dinitrotoluene	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
2-chloronaphthalene	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
2-chlorophenol	µg/L	-	50 ^{#18}	<1	<1	<1	<1	<1	<1	<1	<1
2-methylnaphthalene	µg/L	-	-	<1	<1	<1	1	<1	<1	<1	<1
2-methylphenol	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2-nitroaniline	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
2-nitrophenol	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
3-nitroaniline	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#18}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
4-chloroaniline	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
4-chlorophenyl phenyl ether	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
4-methylphenol	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
Azobenzene	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Bis(2-chloroethoxy) methane	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Bis(2-chloroethyl)ether	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#17}	<5	<5	<5	<5	<5	<5	<5	<5
Butyl benzyl phthalate	µg/L	-	0.75 ^{#17}	<1	<1	<1	<1	<1	<1	<1	<1
Carbazole	µg/L	-	-	1.1	3.8	3.8	6.3	<0.5	<0.5	<0.5	<0.5
Dibenzofuran	µg/L	-	-	<0.5	0.8	1	2.1	<0.5	<0.5	<0.5	<0.5
Diethylphthalate	µg/L	-	200 ^{#18}	<1	<1	<1	<1	<1	<1	<1	<1
Dimethyl phthalate	µg/L	-	800 ^{#18}	<1	<1	<1	<1	<1	<1	<1	<1
Di-n-butyl phthalate	µg/L	-	8 ^{#18}	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
Di-n-octyl phthalate	µg/L	-	20 ^{#18}	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#22}	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorocyclopentadiene	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
Hexachloroethane	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1

Matrix Description				GMG	GMG	GMG	GMG	GMG	GMG	GMG	GMG
Location Code				TLA-SL-S2	TLA-SL-S4	TLA-SL-S5	TLA-SL-S6	TLA-SL-S7	TLA-SL-S8	TLA-SL-S9	TLA-SL-S10
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-524-1-260123	23-524-1-260123	23-524-1-260123	23-524-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123	23-560-1-260123
Date				11 Jan 2023	11 Jan 2023	11 Jan 2023	11 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023	12 Jan 2023
Depth				2	3	3.5	2	1	3.5	2	3
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Isophorone	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Nitrobenzene	µg/L	-	-	<1	<1	<1	<1	<1	<1	<1	<1
N-Nitrosodimethylamine	µg/L	-	-	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Pentachlorophenol	µg/L	-	0.4 ^{#17}	<1	<1	<1	<1	<1	<1	<1	<1
Phenolics											
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	---	---	---	---	---
Phenol	µg/L	5,800 ^{#11}	7.7 ^{#17}	<1	<1	<1	<1	<1	<1	<1	<1
Total Phenols	µg/L	-	-	---	---	---	---	---	---	---	---
SVOC TIC											
1,2'-Binaphthalene	µg/L	-	-	---	---	---	---	---	---	---	---
Phenol, 2-ethyl-6-methyl-	µg/L	-	-	---	---	---	---	---	---	---	---
1H-Indene, 1-methyl-	µg/L	-	-	---	---	---	---	---	---	---	---
2-Phenylphenol	µg/L	-	-	---	---	---	---	---	---	---	---
2-Amino-3,4:5,6-bis(trimethylene)pyridine	µg/L	-	-	---	---	---	---	---	---	---	---
3-ethyl-5-methylphenol	µg/L	-	-	---	---	---	---	---	---	---	---
VOC TIC											
Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	µg/L	-	-	---	---	---	---	---	---	---	---
2-Methylindene	µg/L	-	-	---	---	---	---	---	---	---	---
Benzene, 1-ethenyl-3methyl-	µg/L	-	-	---	---	---	---	---	---	---	---
Other											
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#31}	12.45	12.07	11.82	11.63	11.87	11.53	10.07	10.63

Matrix Description				GMG	GMG	GMG	TFD (re-worked)	TFD (re-worked)
Location Code				TLA-SL-S11	TLA-SL-S12	TLA-SL-S13	SHO-TS1_AUK_TP105-S3	SHO-TS1_AUK_TP106-S5
Matrix Type				Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-560-1-260123	23-560-1-260123	23-560-1-260123	106848	106848
Date				12 Jan 2023	12 Jan 2023	12 Jan 2023	02 Mar 2022	04 Mar 2022
Depth				1	3	2	4	4
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS					
Metals								
Aluminium (filtered)	µg/L	200 ^{#1}	-	949	117	1,361	---	---
Antimony	µg/L	5 ^{#1}	-	---	---	---	---	---
Antimony (filtered)	µg/L	5 ^{#1}	-	<2	<2	<2	---	---
Arsenic	µg/L	10 ^{#1}	25 ^{#17}	---	---	---	---	---
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#17}	<2.5	<2.5	<2.5	---	---
Barium	µg/L	1,300 ^{#2}	-	---	---	---	---	---
Barium (filtered)	µg/L	1,300 ^{#2}	-	52	16	6	---	---
Beryllium	µg/L	-	-	---	---	---	---	---
Boron	µg/L	1,000 ^{#1}	7,000 ^{#18}	---	---	---	---	---
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#18}	16	59	41	---	---
Cadmium	µg/L	5 ^{#1}	0.2 ^{#19}	---	---	---	---	---
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#19}	<0.5	<0.5	<0.5	---	---
Chromium (hexavalent)	µg/L	-	0.6 ^{#19}	<6	<6	<6	---	---
Chromium	µg/L	50 ^{#1}	0.6 ^{#19}	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#19}	38.9	22.2	5.6	---	---
Copper	µg/L	2,000 ^{#1}	3.76 ^{#20}	---	---	---	---	---
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#20}	<7	<7	<7	---	---
Ferric Iron (filtered)	µg/L	-	1,000 ^{#21}	<20	<20	<20	---	---
Iron	µg/L	200 ^{#1}	1,000 ^{#17}	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#17}	<4.7	<4.7	5.1	---	---
Lead	µg/L	10 ^{#1}	1.3 ^{#19}	---	---	---	---	---
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#19}	<5	<5	<5	---	---
Manganese	µg/L	50 ^{#1}	-	---	---	---	---	---
Manganese (filtered)	µg/L	50 ^{#1}	-	<2	<2	<2	---	---
Mercury	µg/L	1 ^{#1}	0.07 (MAC) ^{#22}	---	---	---	---	---
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#22}	0.01	<0.01	0.03	---	---
Molybdenum	µg/L	70 ^{#3}	-	---	---	---	---	---
Molybdenum (filtered)	µg/L	70 ^{#3}	-	9	6	2	---	---
Nickel	µg/L	20 ^{#1}	8.6 ^{#19}	---	---	---	---	---
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#19}	<2	<2	<2	---	---
Selenium (filtered)	µg/L	10 ^{#1}	-	<3	<3	<3	---	---
Silicon (filtered)	µg/L	-	-	4,015	17,750	15,846	---	---
Vanadium	µg/L	-	100 ^{#23}	---	---	---	---	---
Vanadium (filtered)	µg/L	-	100 ^{#23}	94.8	141.6	361.9	---	---
Zinc	µg/L	3,000 ^{#4}	7.9 ^{#24}	---	---	---	---	---
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#24}	<3	<3	<3	---	---
Inorganics								
Sulphate (2:1 Water Soluble) as SO4	mg/l	-	-	80	72.9	38.8	41	382
Inorganic Nitrogen	mg/l	-	-	0.4	0.21	0.29	---	---
Ortho phosphate as PO4	mg/l	-	-	<0.06	<0.06	<0.06	---	---
Ammonia	mg/L	-	0.021 ^{#17}	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#17}	0.04	0.12	0.04	---	---
Calcium (filtered)	mg/L	-	-	105.9	38.4	11	---	---
Chloride	mg/L	250 ^{#1}	-	6.2	3.8	5.9	---	---
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#17}	1	<1	<1	---	---
Cyanide Total	µg/L	50 ^{#1}	1 ^{#17}	3	6	5	---	---
cyanides-complex	µg/L	50 ^{#1}	1 ^{#17}	2	6	5	---	---
Ferrous Iron (filtered)	µg/L	-	1,000 ^{#21}	<20	<20	<20	---	---
Magnesium	mg/L	-	-	---	---	---	---	---
Magnesium (filtered)	mg/L	-	-	<0.1	<0.1	<0.1	---	---
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	1.4	<0.2	0.3	---	---
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	0.12	0.29	0.6	---	---
Phosphate (as PO4)	mg/L	-	-	<0.06	<0.06	<0.06	---	---
Potassium (filtered)	mg/L	-	-	9.6	4.2	32	---	---
Sodium (filtered)	mg/L	200 ^{#1}	-	5.6	8.8	29.1	---	---
Sulphide	µg/L	-	10 (MAC) ^{#25}	<10	<10	<10	---	---
Sulphur as S	mg/L	-	-	27.323	24.193	13.18	---	---
Thiocyanate (as SCN)	µg/L	-	-	50	<20	<20	---	---
PAH								
Naphthalene	µg/L	-	2 ^{#17}	0.3	0.1	0.3	---	---
Acenaphthene	µg/L	-	-	0.054	0.046	0.03	---	---
Acenaphthylene	µg/L	-	-	0.019	<0.005	0.012	---	---
Fluoranthene	µg/L	-	0.0063 ^{#17}	0.059	0.041	0.074	---	---
Anthracene	µg/L	-	0.1 ^{#17}	0.009	0.011	0.011	---	---
Phenanthrene	µg/L	-	-	0.078	0.077	0.068	---	---

Matrix Description				GMG	GMG	GMG	TFD (re-worked)	TFD (re-worked)
Location Code				TLA-SL-S11	TLA-SL-S12	TLA-SL-S13	SHO-TS1_AUK_TP105-S3	SHO-TS1_AUK_TP106-S5
Matrix Type				Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-560-1-260123	23-560-1-260123	23-560-1-260123	106848	106848
Date				12 Jan 2023	12 Jan 2023	12 Jan 2023	02 Mar 2022	04 Mar 2022
Depth				1	3	2	4	4
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS					
Fluorene	µg/L	-	-	0.008	0.01	0.009	---	---
Chrysene	µg/L	-	-	0.023	0.013	0.032	---	---
Pyrene	µg/L	-	-	0.039	0.031	0.065	---	---
Benzo(a)anthracene	µg/L	-	-	0.012	0.011	0.026	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#7}	See BaP ^{#26}	0.028	0.013	0.038	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#7}	See BaP ^{#26}	0.011	<0.008	0.015	---	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#26}	<0.005	<0.005	<0.005	---	---
Dibenz(a,h)anthracene	µg/L	-	-	<0.005	<0.005	<0.005	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#7}	See BaP ^{#26}	0.005	<0.005	0.009	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#7}	See BaP ^{#26}	0.011	<0.005	0.01	---	---
PAH 16 Total	µg/L	-	-	0.656	0.358	0.699	---	---
Benzo(b+k)fluoranthene	µg/L	-	-	0.039	0.018	0.053	---	---
TPH CWG								
>C5-C6 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	---	---
>C6-C8 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	---	---
>C8-C10 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	---	---
>C10-C12 Aliphatics	µg/L	See TPH	See TPH	<5	<5	<5	---	---
>C16-C35 Aliphatics	µg/L	-	-	<20	<20	<20	---	---
>C12-C16 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	---	---
>C16-C21 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	---	---
>C21-C35 Aliphatics	µg/L	See TPH	See TPH	<10	<10	<10	---	---
>C35-C44 Aliphatics	µg/L	-	-	<10	<10	<10	---	---
Total Aliphatics >C5-C44	µg/L	-	-	<10	<10	<10	---	---
>EC5-EC7 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	---	---
>EC7-EC8 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	---	---
>EC8-EC10 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	---	---
>EC10-EC12 Aromatics	µg/L	See TPH	See TPH	<5	<5	<5	---	---
>EC12-EC16 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	---	---
>EC16-EC21 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	---	---
>EC21-EC35 Aromatics	µg/L	See TPH	See TPH	<10	<10	<10	---	---
>EC35-EC44 Aromatics	µg/L	-	-	<10	<10	<10	---	---
Total Aromatics >EC5-EC44	µg/L	-	-	<10	<10	<10	---	---
TPH >C5-C44 Aliphatics/Aromatics	µg/L	-	-	<10	<10	<10	---	---
BTEx and MTBE								
Benzene	µg/L	1 ^{#1}	8 ^{#17}	<0.5	<0.5	<0.5	---	---
Toluene	µg/L	700 ^{#2}	74 ^{#17}	<5	<5	<5	---	---
Ethylbenzene	µg/L	300 ^{#2}	20 ^{#27}	<1	<1	<1	---	---
p-Xylene	µg/L	125 ^{#8}	7.5 ^{#28}	---	---	---	---	---
Xylene (m & p)	µg/L	250 ^{#8}	15 ^{#28}	<2	<2	<2	---	---
Xylene (o)	µg/L	250 ^{#8}	15 ^{#28}	<1	<1	<1	---	---
Xylene Total	µg/L	500 ^{#2}	30 ^{#18}	<3	<3	<3	---	---
MTBE	µg/L	15 ^{#9}	15 ^{#9}	<0.1	<0.1	<0.1	---	---
VOC								
Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#1}	-	<6	<6	<6	---	---
Styrene	µg/L	-	50 ^{#18}	<2	<2	<2	---	---
cis-1,3-dichloropropene	µg/L	-	-	<2	<2	<2	---	---
trans-1,3-dichloropropene	µg/L	-	-	<2	<2	<2	---	---
1,1,1,2-tetrachloroethane	µg/L	-	-	<2	<2	<2	---	---
1,1,1-trichloroethane	µg/L	2,000 ^{#10}	100 ^{#18}	<2	<2	<2	---	---
1,1,2,2-tetrachloroethane	µg/L	-	-	<4	<4	<4	---	---
1,1,2-trichloroethane	µg/L	-	300 ^{#18}	<2	<2	<2	---	---
1,1-dichloroethane	µg/L	2.6 ^{#11}	-	<3	<3	<3	---	---
1,1-dichloroethene	µg/L	140 ^{#12}	-	<3	<3	<3	---	---
1,1-dichloropropene	µg/L	-	-	<3	<3	<3	---	---
1,2,3-trichloropropane	µg/L	-	-	<3	<3	<3	---	---
1,2,3-trimethylbenzene	µg/L	-	-	---	---	---	---	---
1,2,4-trimethylbenzene	µg/L	-	-	<3	<3	<3	---	---
1,2-dibromo-3-chloropropane	µg/L	-	-	<2	<2	<2	---	---
1,2-dibromoethane	µg/L	-	-	<2	<2	<2	---	---
1,2-dichloroethane	µg/L	3 ^{#1}	10 ^{#17}	<2	<2	<2	---	---
1,2-dichloropropane	µg/L	-	-	<2	<2	<2	---	---
1,3,5-trimethylbenzene	µg/L	-	-	<3	<3	<3	---	---
1,3-dichloropropane	µg/L	-	-	<2	<2	<2	---	---
2,2-dichloropropane	µg/L	-	-	<1	<1	<1	---	---
2-chlorotoluene	µg/L	-	-	<3	<3	<3	---	---
4-chlorotoluene	µg/L	-	-	<3	<3	<3	---	---
Bromobenzene	µg/L	-	-	<2	<2	<2	---	---
Bromochloromethane	µg/L	-	-	<2	<2	<2	---	---
Bromodichloromethane	µg/L	25 ^{#13}	-	<2	<2	<2	---	---

Matrix Description				GMG	GMG	GMG	TFD (re-worked)	TFD (re-worked)
Location Code				TLA-SL-S11	TLA-SL-S12	TLA-SL-S13	SHO-TS1_AUK_TP105-S3	SHO-TS1_AUK_TP106-S5
Matrix Type				Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-560-1-260123	23-560-1-260123	23-560-1-260123	106848	106848
Date				12 Jan 2023	12 Jan 2023	12 Jan 2023	02 Mar 2022	04 Mar 2022
Depth				1	3	2	4	4
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS					
Bromoform	µg/L	25 ^{#13}	-	<2	<2	<2	---	---
Bromomethane	µg/L	-	-	<1	<1	<1	---	---
Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#17}	<2	<2	<2	---	---
Chlorodibromomethane	µg/L	25 ^{#13}	-	<2	<2	<2	---	---
Chloroethane	µg/L	-	-	<3	<3	<3	---	---
Chloroform	µg/L	25 ^{#13}	2.5 ^{#17}	<2	<2	<2	---	---
Chloromethane	µg/L	-	-	<3	<3	<3	---	---
cis-1,2-dichloroethene	µg/L	25 ^{#14}	-	<3	<3	<3	---	---
Dibromomethane	µg/L	-	-	<3	<3	<3	---	---
Dichlorodifluoromethane	µg/L	-	-	<2	<2	<2	---	---
Dichloromethane	µg/L	-	20 ^{#17}	<3	<3	<3	---	---
Isopropylbenzene	µg/L	-	-	<3	<3	<3	---	---
n-butylbenzene	µg/L	-	-	<3	<3	<3	---	---
n-propylbenzene	µg/L	-	-	<3	<3	<3	---	---
p-isopropyltoluene	µg/L	-	-	<3	<3	<3	---	---
sec-butylbenzene	µg/L	-	-	<3	<3	<3	---	---
Trichloroethene	µg/L	5 ^{#15}	10 ^{#17}	<3	<3	<3	---	---
tert-butylbenzene	µg/L	-	-	<3	<3	<3	---	---
Tetrachloroethene	µg/L	5 ^{#15}	10 ^{#17}	<3	<3	<3	---	---
trans-1,2-dichloroethene	µg/L	25 ^{#14}	-	<3	<3	<3	---	---
Trichlorofluoromethane	µg/L	-	-	<3	<3	<3	---	---
Vinyl chloride	µg/L	0.5 ^{#1}	-	<0.1	<0.1	<0.1	---	---
VOC/SVOC								
1,2,3-trichlorobenzene	µg/L	-	0.13 ^{#29}	<3	<3	<3	---	---
1,2,4-trichlorobenzene	µg/L	-	0.13 ^{#29}	<1	<1	<1	---	---
1,2-dichlorobenzene	µg/L	-	6.7 ^{#30}	<1	<1	<1	---	---
1,3-dichlorobenzene	µg/L	-	6.7 ^{#30}	<1	<1	<1	---	---
1,4-dichlorobenzene	µg/L	-	6.7 ^{#30}	<1	<1	<1	---	---
Chlorobenzene	µg/L	100 ^{#16}	-	<2	<2	<2	---	---
Hexachlorobutadiene	µg/L	-	0.6 (MAC) ^{#22}	<1	<1	<1	---	---
SVOC								
4-bromophenyl phenyl ether	µg/L	-	-	<1	<1	<1	---	---
4-nitroaniline	µg/L	-	-	<0.5	<0.5	<0.5	---	---
4-nitrophenol	µg/L	-	-	<10	<10	<10	---	---
1-Methylnaphthalene	µg/L	-	-	---	---	---	---	---
1-naphthylamine	µg/L	-	-	---	---	---	---	---
2,4,5-trichlorophenol	µg/L	-	-	<0.5	<0.5	<0.5	---	---
2,4,6-trichlorophenol	µg/L	-	-	<1	<1	<1	---	---
2,4-dichlorophenol	µg/L	-	0.42 ^{#17}	<0.5	<0.5	<0.5	---	---
2,4-dimethylphenol	µg/L	-	-	<1	<1	<1	---	---
2,4-dinitrophenol	µg/L	-	-	---	---	---	---	---
2,4-dinitrotoluene	µg/L	-	-	<0.5	<0.5	<0.5	---	---
2,6-dinitrotoluene	µg/L	-	-	<1	<1	<1	---	---
2-chloronaphthalene	µg/L	-	-	<1	<1	<1	---	---
2-chlorophenol	µg/L	-	50 ^{#18}	<1	<1	<1	---	---
2-methylnaphthalene	µg/L	-	-	<1	<1	<1	---	---
2-methylphenol	µg/L	-	-	<0.5	<0.5	<0.5	---	---
2-nitroaniline	µg/L	-	-	<1	<1	<1	---	---
2-nitrophenol	µg/L	-	-	<0.5	<0.5	<0.5	---	---
3-nitroaniline	µg/L	-	-	<1	<1	<1	---	---
4,6-Dinitro-2-methylphenol	µg/L	-	-	---	---	---	---	---
4-chloro-3-methylphenol	µg/L	-	40 ^{#18}	<0.5	<0.5	<0.5	---	---
4-chloroaniline	µg/L	-	-	<1	<1	<1	---	---
4-chlorophenyl phenyl ether	µg/L	-	-	<1	<1	<1	---	---
4-methylphenol	µg/L	-	-	<1	<1	<1	---	---
Azobenzene	µg/L	-	-	<0.5	<0.5	<0.5	---	---
Bis(2-chloroethoxy) methane	µg/L	-	-	<0.5	<0.5	<0.5	---	---
Bis(2-chloroethyl)ether	µg/L	-	-	<1	<1	<1	---	---
Bis(2-chloroisopropyl) ether	µg/L	-	-	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	µg/L	-	1.3 ^{#17}	<5	<5	<5	---	---
Butyl benzyl phthalate	µg/L	-	0.75 ^{#17}	<1	<1	<1	---	---
Carbazole	µg/L	-	-	<0.5	<0.5	<0.5	---	---
Dibenzofuran	µg/L	-	-	<0.5	<0.5	<0.5	---	---
Diethylphthalate	µg/L	-	200 ^{#18}	<1	<1	<1	---	---
Dimethyl phthalate	µg/L	-	800 ^{#18}	<1	<1	<1	---	---
Di-n-butyl phthalate	µg/L	-	8 ^{#18}	<1.5	<1.5	<1.5	---	---
Di-n-octyl phthalate	µg/L	-	20 ^{#18}	<1	<1	<1	---	---
Hexachlorobenzene	µg/L	-	0.05 (MAC) ^{#22}	<1	<1	<1	---	---
Hexachlorocyclopentadiene	µg/L	-	-	<1	<1	<1	---	---
Hexachloroethane	µg/L	-	-	<1	<1	<1	---	---

Matrix Description				GMG	GMG	GMG	TFD (re-worked)	TFD (re-worked)
Location Code				TLA-SL-S11	TLA-SL-S12	TLA-SL-S13	SHO-TS1_AUK_TP105-S3	SHO-TS1_AUK_TP106-S5
Matrix Type				Soil	Soil	Soil	Soil	Soil
Lab Report Number				23-560-1-260123	23-560-1-260123	23-560-1-260123	106848	106848
Date				12 Jan 2023	12 Jan 2023	12 Jan 2023	02 Mar 2022	04 Mar 2022
Depth				1	3	2	4	4
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS					
Isophorone	µg/L	-	-	<0.5	<0.5	<0.5	---	---
Nitrobenzene	µg/L	-	-	<1	<1	<1	---	---
N-Nitrosodimethylamine	µg/L	-	-	---	---	---	---	---
N-nitrosodi-n-propylamine	µg/L	-	-	<0.5	<0.5	<0.5	---	---
Pentachlorophenol	µg/L	-	0.4 ^{#17}	<1	<1	<1	---	---
Phenolics								
3/4-Methylphenol (m/p-cresol)	µg/L	-	-	---	---	---	---	---
Phenol	µg/L	5,800 ^{#11}	7.7 ^{#17}	<1	<1	<1	---	---
Total Phenols	µg/L	-	-	---	---	---	---	---
SVOC TIC								
1,2'-Binaphthalene	µg/L	-	-	---	---	---	---	---
Phenol, 2-ethyl-6-methyl-	µg/L	-	-	---	---	---	---	---
1H-Indene, 1-methyl-	µg/L	-	-	---	---	---	---	---
2-Phenylphenol	µg/L	-	-	---	---	---	---	---
2-Amino-3,4:5,6-bis(trimethylene)pyridine	µg/L	-	-	---	---	---	---	---
3-ethyl-5-methylphenol	µg/L	-	-	---	---	---	---	---
VOC TIC								
Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	µg/L	-	-	---	---	---	---	---
2-Methylindene	µg/L	-	-	---	---	---	---	---
Benzene, 1-ethenyl-3methyl-	µg/L	-	-	---	---	---	---	---
Other								
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#31}	11.63	10.14	10.97	---	---

Steel House (TLA) Made Ground Leachate

Comments

- #1 Water Supply (Water Quality) Regulations 2016.
- #2 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011
- #3 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Informal value.
- #4 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Based on taste rather than a formal guideline.
- #5 Water Supply (Water Quality) Regulations 2016. As NO3.
- #6 Water Supply (Water Quality) Regulations 2016. As NO2.
- #7 Water Supply (Water Quality) Regulations 2016. Value of 0.1µg/l for PAH split between four individual PAH. Requires summation of benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene and indeno(123cd)pyrene to use 0.1µg/l value.
- #8 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Value of 500µg/l for sum xylenes split between isomers. Requires summation of m,p & o isomers to use 500µg/l value.
- #9 The taste and odour threshold of 15µg/l is commonly adopted as a guide.
- #10 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. In Scotland a value of 200µg/l is used (WAT-PS-10-01).
- #11 US EPA Regional Screening Levels, May 2019. <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables>
- #12 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. In Scotland a value of 7µg/l is used (WAT-PS-10-01).
- #13 Water Supply (Water Quality) Regulations 2016. Value of 100µg/l for sum trihalomethanes split between individual compounds. Requires summation of chloroform, bromoform, chlorodibromomethane and bromodichloromethane to use 100µg/l value.
- #14 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Value of 50µg/l for sum cis & trans-DCE split between isomers. Requires summation of cis & trans-DCE isomers to use 50µg/l value.
- #15 Water Supply (Water Quality) Regulations 2016. Value of 10µg/l for sum of TCE & PCE split between individual compounds. Requires summation of TCE & PCE to use 10µg/l value.
- #16 Position statement (WAT-PS-10-01), SEPA August 2014.
- #17 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015.
- #18 Operational Targets and EQS. EA, April 2018
- #19 Water Framework Directive (Standards & Classification) Directions (England & Wales) 2015. Dissolved fraction.
- #20 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Dissolved Fraction. If DOC >1mg/l then a higher criteria applies $[3.76+(2.677x((DOC/2)-0.5))]$
- #21 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Based on value for dissolved iron.
- #22 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Dissolved Fraction. MAC adopted in absence of AA value.
- #23 Operational Targets and EQS. EA, April 2018.
- #24 Operational Targets and EQS. EA, April 2018. Dissolved plus ambient background concentration. For saltwater, an Ambient Background Concentration of 1.1 µg/l has been used
- #25 Operational Targets and EQS. EA, April 2018. Based on value for hydrogen sulphide. MAC adopted in absence of AA value.
- #26 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Benzo(a)pyrene can be considered as a marker for other PAH for comparison with the corresponding AA-EQS in water.
- #27 Proposed Environmental Quality Standard, in absence of legislative standard (Ayscough et al., 2002). https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/291223/sp2-115-tr4-e-e.pdf
- #28 Operational Targets and EQS. EA, April 2018. Value of 30µg/l for sum xylenes split between isomers. Requires summation of m,p & o isomers to use 30µg/l value.
- #29 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Value of 0.4µg/l for sum isomers split between 3 isomers. Requires summation of isomers to use 0.4µg/l value.
- #30 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Value of 20µg/l for sum isomers split between 3 isomers. Requires summation of isomers to use 20µg/l value.
- #31 Operational Targets and EQS. EA, April 2018. Maximum Allowable Concentration (MAC) adopted in absence of Annual Average (AA) value.

Key:

- CMG = Cohesive Made Ground
- GMG = Granular Made Ground
- TFD = Tidal Flat Deposits

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA					
Appendix I.3: Tentatively Identified Compounds in Soil (mg/kg)					
Tentatively Identified Compound Name	CAS Number	General Description	Chemical Group	Number of Detects	Maximum Concentration
(3S,5R,8S)-3,8-Dimethyl-5-(prop-1-en-2-yl)-2,3,5,6,7,8-hexahydroazulen-1(4H)-one	n/a	Complex organic compound	na	4	0.977
(5.beta.)-chol-7-ene	na	Complex organic compound	na	2	2.4
(Z)-13-Docosenamide	10436-09-6	Amide	Alkene derivative	11	4
[2,2]Paracyclonaphthane	1633-22-3	Aromatic Hydrocarbon	Benzene derivative	3	0.331
1-(phenylmethyl)-naphthalene	611-45-0	Aromatic Hydrocarbon	Naphthalene derivative	4	14.1
1,1,2,2-tetrachloroethane	630-20-6	Chlorinated Solvent	Chloroalkane	6	0.7
1,1a,6,6a-tetrahydro-Cycloprop[a]indene	15677-15-3	Aromatic Hydrocarbon	Benzene derivative	4	55.6
1,1a,6,6a-tetrahydrocycloprop[a]indene,	15677-15-3	Aromatic Hydrocarbon	Benzene derivative	4	55.6
1,1'-Binaphthalene	604-53-5	Aromatic Hydrocarbon	Naphthalene derivative	7	223.5
1,1-Biphenyl	92-52-4	Aromatic Hydrocarbon	Benzene derivative	2	31.7
1,2,3-trimethylbenzene	526-73-8	Aromatic Hydrocarbon	Benzene derivative	2	7.5
1,2,9,10-Dibenzopyrene	191-30-0	Aromatic Hydrocarbon	Pyrene derivative	1	3.9
1,2'-Binaphthalene	4325-74-0	Aromatic Hydrocarbon	Naphthalene derivative	10	645.7
1,2-dihydro-6-methylnaphthalene	2717-47-7	Aromatic Hydrocarbon	Naphthalene derivative	2	14.2
1,2-dimethylnaphthalene	573-98-8	Aromatic Hydrocarbon	Naphthalene derivative	2	0.1
1,3-diethenylbenzene	108-57-6	Aromatic Hydrocarbon	Benzene derivative	2	0.7
1,3-dimethylnaphthalene	575-41-7	Aromatic Hydrocarbon	Naphthalene derivative	5	1
1,3-Diphenylbutane	1520-44-1	Aromatic Hydrocarbon	Benzene derivative	4	24.1
1,4,5,8-Tetramethylnaphthalene	2717-39-7	Aromatic Hydrocarbon	Naphthalene derivative	1	1
1,4,6-trimethylnaphthalene	2131-42-2	Aromatic Hydrocarbon	Naphthalene derivative	1	1.3
1,4-dimethylnaphthalene	571-58-4	Aromatic Hydrocarbon	Naphthalene derivative	4	0.8
1,6,7-trimethylnaphthalene	2245-38-7	Aromatic Hydrocarbon	Naphthalene derivative	3	2
1,6-dimethylnaphthalene	575-43-9	Aromatic Hydrocarbon	Naphthalene derivative	5	20.7
1,7-dimethylnaphthalene	575-37-1	Aromatic Hydrocarbon	Naphthalene derivative	2	0.2
1,9,12-Trioxa-4,6-diazacyclotetradecane-5-thione	na	Complex organic compound		1	0.1
11H-Benzo[b]fluorene	428,856.0	Aromatic Hydrocarbon	PAH Derivative	11	5.5
11H-Benzo[a]carbazole	239-01-0	Aromatic Hydrocarbon	PAH Derivative	18	3.4
11H-Benzo[a]fluoren-11-one	479-79-8	Aromatic Hydrocarbon	PAH Derivative	22	15.3
11H-Indeno[1,2-b]quinoline	243-51-6	Aromatic Hydrocarbon	PAH Derivative	1	5.2
1-ethenyl-3-ethylbenzene	7525-62-4	Aromatic Hydrocarbon	Benzene derivative	4	4.1
1-ethenyl-3-ethylbenzene	7525-62-4	Aromatic Hydrocarbon	Benzene derivative	4	4.1
1-ethenyl-3-methylbenzene	620-14-4	Aromatic Hydrocarbon	Benzene derivative	4	18.1
1-Ethynaphthalene	1127-76-0	Aromatic Hydrocarbon	Naphthalene derivative	3	35.1
1a,9b-dihydro-1H-Cyclopropa[1]phenanthrene	949-41-7	Aromatic Hydrocarbon	Benzene derivative	1	2.9
1H-Isoidole-1,3(2H)-dione, 2-(2-phenyl-2-propenyl)-	16307-59-8	Complex organic compound		1	1.8
1-Methyl-2-ethyl benzene	611-14-3	Aromatic Hydrocarbon	Benzene derivative	2	11.8
1-Methyl-3-ethyl benzene	620-14-4	Aromatic Hydrocarbon	Benzene derivative	2	6
1-Methyl-4-p-tolynaphthalene	na	Aromatic Hydrocarbon	Naphthalene derivative	2	2.7
1-Methylanthracene	610-48-0	Aromatic Hydrocarbon	Anthracene derivative	2	0.4
1-Methylchrysene	3351-28-8	Aromatic Hydrocarbon	Chrysene derivative	11	2.6
1-Methyldibenzothiophene	31317-07-4	Aromatic Hydrocarbon	Benzene derivative	4	0.385
1-Methylnaphthalene	90-12-0	Aromatic Hydrocarbon	Naphthalene derivative	11	67.4
1-Methylpyrene	2381-21-7	Aromatic Hydrocarbon	Pyrene derivative	28	23.3
1-Phenylnaphthalene	605-02-7	Aromatic Hydrocarbon	Naphthalene derivative	2	23.6
1-propenylbenzene	3282-16-4	Aromatic Hydrocarbon	Benzene derivative	2	4.6
1-propynylbenzene	103-65-1	Aromatic Hydrocarbon	Benzene derivative	4	10.9
2,2'-Binaphthalene	612-78-2	Aromatic Hydrocarbon	Naphthalene derivative	2	7.5
2,3,5,6-Tetramethylterephthalaldehyde	7072-01-7	Aromatic Hydrocarbon	Benzene derivative	1	0.2
2,3,6-Trimethylnaphthalene	829-26-5	Aromatic Hydrocarbon	Naphthalene derivative	1	0.4
2,3-Dimethylnaphthalene	581-40-8	Aromatic Hydrocarbon	Naphthalene derivative	10	0.6
2-phenyl-2,4,6-Cycloheptatrien-1-one	14562-09-5	Aromatic Hydrocarbon	Benzene derivative	3	3.4
2,5-Dimethylphenanthrene	3674-66-6	Aromatic Hydrocarbon	Phenanthrene derivative	1	1.8
2,6,10,14,18-Pentamethyl-2,6,10,14,18-eicosapentaene	7431-92-7	Aliphatic Hydrocarbon	Alkene	2	1.8
2,6,10,14-Tetramethylhexadecane	638-36-8	Aliphatic Hydrocarbon	Alkane	2	0.2
2,6-Dimethylnaphthalene	581-42-0	Aromatic Hydrocarbon	Naphthalene derivative	13	45.1
2,7-Dimethyldibenzothiophene	31317-19-8	Aromatic Hydrocarbon	phene and benzene deriv	2	0.155
2,7-Dimethylnaphthalene	582-16-1	Aromatic Hydrocarbon	Naphthalene derivative	6	0.841
2-Ethenyl-1,4-dimethylbenzene	27831-13-6	Aromatic Hydrocarbon	Benzene derivative	2	6.4

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East_HRA					
Appendix I.3: Tentatively Identified Compounds in Soil (mg/kg)					
Tentatively Identified Compound Name	CAS Number	General Description	Chemical Group	Number of Detects	Maximum Concentration
2-Ethenyl-naphthalene	827-54-3	Aromatic Hydrocarbon	Naphthalene derivative	2	1.2
2-Ethyl-anthracene	52251-71-5	Aromatic Hydrocarbon	Anthracene derivative	4	6.6
2-Methyl-8-propyl-Dodecane	55045-07-3	Aliphatic Hydrocarbon	Alkane	2	0.148
2-Methylantracene	613-12-7	Aromatic Hydrocarbon	Anthracene derivative	11	30.3
2-Methylchrysene	3351-32-4	Aromatic Hydrocarbon	Chrysene derivative	15	2.7
2-Methylfluoranthene	33543-31-6	Aromatic Hydrocarbon	Fluoranthene derivative	14	12.5
2-Methylindene	2177-47-1	Aromatic Hydrocarbon	Benzene derivative	6	47.1
2-Methylindene	2177-47-1	Aromatic Hydrocarbon	Benzene derivative	6	47.1
2-Phenyl-naphthalene	612-94-2	Aromatic Hydrocarbon	Naphthalene derivative	19	70.6
2-Phenyltoluene	643-58-3	Aromatic Hydrocarbon	Benzene derivative	4	1.2
3-(2-Naphthyl)acrylaldehyde	113388-98-0	Aromatic Hydrocarbon	Naphthalene derivative	2	0.7
3,3-Dimethylbiphenyl	612-75-9	Aromatic Hydrocarbon	Benzene derivative	1	0.9
3,4,9,10-tetrahydro-7-methoxy-1(2H)-Phenanthrenone	n/a	Complex organic compound		2	0.318
3,4-dihydrocyclopenta(cd)pyrene	25732-74-5	Aromatic Hydrocarbon	Pyrene derivative	7	6.5
3,4-dimethyl-1,1-Biphenyl	7383-90-6	Aromatic Hydrocarbon	Benzene derivative	1	0.3
3,5-dichloro-2-hydroxybenzaldehyde	90-60-8	Aromatic Hydrocarbon	Benzene derivative	1	7.1
3,6-Dimethylphenanthrene	1576-67-6	Aromatic Hydrocarbon	Phenanthrene derivative	1	3.7
3-Aminopyrene	1606-67-3	Aromatic Hydrocarbon	Pyrene derivative	2	0.815
3-Bromo-5-ethoxy-4-hydroxybenzaldehyde	3111-37-3	Complex organic compound		4	0.398
3-methyl-9H-Fluorene	2523-39-9	Aromatic Hydrocarbon	Fluorene derivative	2	0.4
3-Methylbenz(j)aceanthrylene	3343-10-0	Aromatic Hydrocarbon	PAH Derivative	3	3.2
4-Azapyrene	194-03-6	Aromatic Hydrocarbon	Pyrene derivative	1	0.3
5,6-Dihydro-4H-Benz[de]anthracene	4389-09-7	Aromatic Hydrocarbon	Anthracene derivative	1	0.5
4H-Cyclopenta(def)phenanthrene	203-64-5	Aromatic Hydrocarbon	Phenanthrene derivative	9	2.5
4-Methyldibenzofuran	7320-53-8	Aromatic Hydrocarbon	Furan derivative	20	8
4-Methylnaphtho[1,2-b]thiophene	36821-08-6	Aromatic Hydrocarbon	halene and thiophene der	1	2.9
4-Methylphenanthrene	832-64-4	Aromatic Hydrocarbon	Phenanthrene derivative	1	0.1
4-Terphenyl-d14	1718-51-0	Aromatic Hydrocarbon	Benzene derivative	2	1.6
5,12-Naphthacenedione	1090-13-7	Aromatic Hydrocarbon	Naphthalene derivative	3	1.3
5,6-Dihydrochrysene	56183-24-5	Aromatic Hydrocarbon	Chrysene derivative	1	0.3
5-Methylchrysene	3697-24-3	Aromatic Hydrocarbon	Chrysene derivative	2	0.292
6H-Benz[de]anthracen-6-one	na	Aromatic Hydrocarbon	Anthracene derivative	1	4.5
6H-Dibenzo[b,d]-pyran	229-95-8	Aromatic Hydrocarbon	Pyran derivative	2	0.1
7H-Benz[de]anthracen-7-one	82-05-3	Aromatic Hydrocarbon	Anthracene derivative	2	0.3
7-Methylbenz[a]anthracene	2541-69-7	Aromatic Hydrocarbon	Anthracene derivative	16	8.3
9,10-dihydro-9,10[1,2]-Benzenoanthracene	477-75-8	Aromatic Hydrocarbon	PAH Derivative	1	1.1
2,3-Dimethyl-9,10-anthracenedione	6531-35-7	Aromatic Hydrocarbon	PAH Derivative	1	1
2-Methyl-9,10-anthracenedione	84-54-8	Aromatic Hydrocarbon	PAH Derivative	1	6.4
9,10-anthraquinone	84-65-1	Aromatic Hydrocarbon	Anthracene derivative	14	11.6
9-Anthracenecarbonitrile	1210-12-4	Aromatic Hydrocarbon	Anthracene derivative	2	0.8
9H-Cyclopenta[a]pyrene	na	Aromatic Hydrocarbon	PAH	2	0.6
9H-Fluoren-9-ol	1689-64-1	Aromatic Hydrocarbon	Fluorene derivative	5	1.3
9H-Fluoren-9-one	486-25-9	Aromatic Hydrocarbon	Fluorene derivative	21	8.4
9H-Fluorene, 9-(phenylmethylene)-	1836-87-9	Aromatic Hydrocarbon	Fluorene derivative	2	0.9
9-Methylantracene	779-02-2	Aromatic Hydrocarbon	Anthracene derivative	2	0.144
9-Octadecenamide, (Z)-	301-02-0	Aliphatic Hydrocarbon	Alkene derivative	6	2
9-phenyl-anthracene	602-55-1	Aromatic Hydrocarbon	Anthracene derivative	2	0.3
Anthra(1,2-b)thiophene	227-56-5	Aromatic Hydrocarbon	hene and anthracene deri	8	1.7
Anthra(2,3-b)thiophene	143034-07-5	Aromatic Hydrocarbon	hene and anthracene deri	2	0.516
Anthracene, 1,2,3,4-tetrahydro-	2141-42-6	Aromatic Hydrocarbon	Anthracene derivative	1	0.5
Anthrone	90-44-8	Aromatic Hydrocarbon	Anthracene derivative	1	2.8
Benzene, 1,1-(1,3-propanediyl)bis-	31516-55-9	Aromatic Hydrocarbon	Benzene derivative	2	17.2
Benzene, 1,1'-(1,4-butanediyl)bis-	70388-65-7	Aromatic Hydrocarbon	Benzene derivative	2	63
1-Ethenyl-3-methylbenzene	620-14-4	Aromatic Hydrocarbon	Benzene derivative	4	18.1
1-Ethenyl-4-methylbenzene	622-97-9	Aromatic Hydrocarbon	Benzene derivative	2	30
1-Methyl-4-(2-propenyl)-benzene	3333-13-9	Aromatic Hydrocarbon	Benzene derivative	2	0.3
1-Propynylbenzene	103-65-1	Aromatic Hydrocarbon	Benzene derivative	4	10.9
Benzo(b)naphtho(2,3-d)furan	243-42-5	Aromatic Hydrocarbon	PAH and furan derivative	20	10.9
Benzo(c)carbazole	205-25-4	Aromatic Hydrocarbon	Carbazole derivative	2	0.7
Benzo(e)pyrene	192-97-2	Aromatic Hydrocarbon	PAH	18	10.8
Benzo(k)fluoranthene	207-08-9	Aromatic Hydrocarbon	PAH	12	3.9
Benzo[a]naphthacene	226-88-0	Aromatic Hydrocarbon	PAH	2	2.3

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA					
Appendix 1.3: Tentatively Identified Compounds in Soil (mg/kg)					
Tentatively Identified Compound Name	CAS Number	General Description	Chemical Group	Number of Detects	Maximum Concentration
Benzo[b]naphtho[1,2-d]furan	205-39-0	Aromatic Hydrocarbon	PAH and furan derivative	8	8.4
Benzo[b]naphtho[2,1-d]thiophene	239-35-0	Aromatic Hydrocarbon	AH and thiophene derivati	11	5.8
Benzo[b]naphtho[2,3-d]thiophene	243-46-9	Aromatic Hydrocarbon	AH and thiophene derivati	2	0.326
Benzo[b]triphenylene	215-58-7	Aromatic Hydrocarbon	PAH	3	1.2
Benzo[h]cinnoline	230-31-9	Aromatic Hydrocarbon	Naphthalene derivative	2	0.3
Benzocycloheptatriene	264-09-5	Aromatic Hydrocarbon	Benzene derivative	2	0.6
Biphenylene	259-79-0	Aromatic Hydrocarbon	Benzene derivative	1	0.2
4-Methylchrysene	3351-30-2	Aromatic Hydrocarbon	Chrysene derivative	1	2.2
Cyclopenta(def)phenanthrene	203-64-5	Aromatic Hydrocarbon	Phenanthrene derivative	9	23.3
Cyclopropylbenzene	873-49-4	Aromatic Hydrocarbon	Benzene derivative	2	7.8
Dehydrocostus lactone	477-43-0	Complex organic compound	Ostus Lactone derivative	1	1.1
Dibenzo[a,e]cyclooctene	262-89-5	Aromatic Hydrocarbon	Benzene derivative	5	2.9
Dibenzothiophene	132-65-0	Aromatic Hydrocarbon	Thiophene derivative	13	3.8
Diphenylmethane	101-81-5	Aromatic Hydrocarbon	Benzene derivative	1	1.9
di-p-Tolylacetylene	2789-88-0	Aromatic Hydrocarbon	Benzene derivative	2	0.194
Dodecane	112-40-3	Aliphatic Hydrocarbon	Alkane	6	9.7
Eicosane	112-95-8	Aliphatic Hydrocarbon	Alkane	16	1.2
Ethylbenzene	100-41-4	Aromatic Hydrocarbon	Benzene derivative	2	7.6
Fluoranthene	206-44-0	Aromatic Hydrocarbon	PAH	2	3.3
Hentriacontane	630-04-6	Aliphatic Hydrocarbon	Alkane	2	0.1
Heptadecane	629-78-7	Aliphatic Hydrocarbon	Alkane	8	0.33
Hexa-2,4-diyn-1-ylbenzene	520-74-1	Aromatic Hydrocarbon	Benzene derivative	2	0.7
Hexadecane	544-76-3	Aliphatic Hydrocarbon	Alkane	13	0.7
Hexaethylidenecyclohexane	1003-64-1	Aliphatic Hydrocarbon	Cyclic alkane	5	1.3
Indene	95-13-6	Aromatic Hydrocarbon	Benzene derivative	3	0.3
Indeno(2,1-b)chromene	243-24-3	Aromatic Hydrocarbon	PAH Derivative	1	0.3
Malathion	121-75-5	Pesticide	Organophosphorous	2	0.5
Molecular Sulphur	7704-34-9	Sulphur	Sulphur	4	0.8
1-(2-propenyl)-naphthalene	2489-86-3	Aromatic Hydrocarbon	Naphthalene derivative	2	0.4
1,2,3,4-tetramethylnaphthalene	3031-15-0	Aromatic Hydrocarbon	Naphthalene derivative	1	1.7
1,5-dimethylnaphthalene	571-61-9	Aromatic Hydrocarbon	Naphthalene derivative	1	0.8
Naphtho(2,1,8-def)quinoline	313-80-4	Aromatic Hydrocarbon	PAH Derivative	5	1.9
Naphtho[1,2-b]thiophene	234-41-3	Aromatic Hydrocarbon	halene and thiophene der	2	0.481
Naphtho[2,1-b]thiophene	233-02-3	Aromatic Hydrocarbon	halene and thiophene der	1	2.7
Naphtho[2,3-b]thiophene	268-77-9	Aromatic Hydrocarbon	halene and thiophene der	2	0.279
Nonadecane	629-92-5	Aliphatic Hydrocarbon	Alkane	1	0.3
Octadecane	593-45-3	Aliphatic Hydrocarbon	Alkane	9	0.5
Pentadecane	629-62-9	Aliphatic Hydrocarbon	Alkane	7	0.5
2,6,10,14-tetramethylpentadecane	1921-70-6	Aliphatic Hydrocarbon	Alkane	4	0.243
Perylene	198-55-0	Aromatic Hydrocarbon	PAH	11	7.5
Phenaleno[1,9-bc]thiophene	79965-99-4	Aromatic Hydrocarbon	halene and thiophene der	1	3.4
1-Methylphenanthrene	832-69-9	Aromatic Hydrocarbon	Phenanthrene derivative	19	14.6
2-Methylphenanthrene	2531-84-2	Aromatic Hydrocarbon	Phenanthrene derivative	22	9.1
p-Xylene	106-42-3	Aromatic Hydrocarbon	Benzene derivative	2	16.4
Rubcene	197-61-5	Aromatic Hydrocarbon	PAH	1	0.2
Styrene	100-42-5	Aromatic Hydrocarbon	Benzene derivative	2	11.5
Tetracosane	646-31-1	Aliphatic Hydrocarbon	Alkane	2	0.31
Tetradecane	629-59-4	Aliphatic Hydrocarbon	Alkane	7	0.5
TRICOSANE	638-67-5	Aliphatic Hydrocarbon	Alkane	3	0.3
Tridecane	629-50-5	Aliphatic Hydrocarbon	Alkane	2	0.163
Undecane	1120-21-4	Aliphatic Hydrocarbon	Alkane	4	14.6
Undecane	1120-21-4	Aliphatic Hydrocarbon	Alkane	4	14.6

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East_HRA

Appendix I.4: Tentatively Identified Compounds in Soil Leachate (µg/L)

Tentatively Identified Compound Name	CAS Number	General Description	Chemical Group	SHO-SL-S28
				23/01/2023
1,1a,6,6a-tetrahydrocycloprop[a]indene	15677-15-3	Aromatic Hydrocarbon	Benzene derivative	158
1-Ethenyl-3methylbenzene	766-82-5	Aromatic Hydrocarbon	Benzene derivative	110
1,2'-Binaphthalene	4325-74-0	Aromatic Hydrocarbon	Naphthalene derivative	573
2-Ethyl-6-methylphenol	1687-64-5	Aromatic Hydrocarbon	Phenol derivative	107
p-Xylene	106-42-3	Aromatic Hydrocarbon	Benzene derivative	233
1,2,3-trimethylbenzene	526-73-8	Aromatic Hydrocarbon	Benzene derivative	154
1-Methyl-1H-indene	767-59-9	Aromatic Hydrocarbon	Benzene derivative	158
1-Naphthylamine	134-32-7	Aromatic Hydrocarbon	Naphthalene derivative	249
2-Methylnaphthalene	91-57-6	Aromatic Hydrocarbon	Naphthalene derivative	257
2-Phenylphenol	90-43-7	Aromatic Hydrocarbon	Benzene derivative	978
2-Amino-3,4:5,6-bis(trimethylene)pyridine		Complex organic compound		944
2-Methylindene	2177-47-1	Aromatic Hydrocarbon	Benzene derivative	119
3-Ethyl-5-methylphenol	698-71-5	Aromatic Hydrocarbon	Benzene derivative	236

Appendix J

Land West of Warrenby Data

Land West of Warrenby Made Ground Soil



Matrix Description Location Code Matrix Type Lab Report Number Date Depth		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
		LWW-SP012-S1	LWW-SP012-S1	LWW-SP014-S1	LWW-SP014-S1	LWW-SP015-S1	LWW-SP015-S1	LWW-SP019-S1	LWW-SP020-S2	LWW-SP025-S1
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		24-250-335-110724	24-250-335-190624	24-250-335-110724	24-250-335-190624	24-250-335-110724	24-250-335-190624	24-250-365-090724	24-250-394-120724	24-250-406-240724
		13 Jun 2024	13 Jun 2024	13 Jun 2024	13 Jun 2024	13 Jun 2024	13 Jun 2024	20 Jun 2024	03 Jul 2024	08 Jul 2024
0										
	Unit									
Metals										
Aluminium	mg/kg	---	44,790	---	16,950	---	46,270	52,710	54,530	39,820
Antimony	mg/kg	---	---	---	---	---	---	---	---	---
Arsenic	mg/kg	---	18.7	---	13.6	---	11.7	41.1	29.8	30.3
Barium	mg/kg	---	446	---	332	---	464	766	638	1,320
Boron	mg/kg	---	2.8	---	3.5	---	3.1	4	7.9	---
Cadmium	mg/kg	---	<2	---	<2	---	<2	<2	<2	<2
Calcium	mg/kg	---	140,500	---	85,720	---	139,800	166,100	174,700	173,900
Chromium (hexavalent)	mg/kg	---	<0.3	---	<0.3	---	<0.3	<0.3	<0.3	---
Chromium	mg/kg	---	242.2	---	69.6	---	125.6	190.9	233.5	564.4
Copper	mg/kg	---	66	---	33	---	47	57	63	89
Iron	mg/kg	---	76,260	---	279,000	---	52,730	70,580	66,210	79,900
Lead	mg/kg	---	<100	---	<100	---	165	232	225	389
Magnesium	mg/kg	---	22,310	---	14,170	---	22,860	29,200	32,230	28,830
Manganese	mg/kg	---	4,764	---	4,335	---	4,475	11,580	7,666	18,400
Mercury	mg/kg	---	<2	---	<2	---	<2	<2	<2	---
Molybdenum	mg/kg	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	---	52.4	---	54.5	---	19.1	29.3	18.4	28.5
Potassium	mg/kg	---	2,451	---	1,212	---	3,958	3,846	2,837	2,238
Selenium	mg/kg	---	---	---	---	---	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---	---
Sodium	mg/kg	---	1,116	---	607	---	1,238	1,832	1,580	1,247
Vanadium	mg/kg	---	432	---	147	---	295	366	481	887
Zinc	mg/kg	---	205	---	249	---	275	449	421	651
Asbestos										
Total Gravimetric Quantification (ACM + Detailed) (% Asb)	mass %	---	---	---	<0.001	---	---	0.001	---	---
Asbestos Quantification - Detailed Gravimetric	%	---	---	---	<0.001	---	---	0.001	---	---
Asbestos Containing Material	Detect	---	0	---	0	---	0	0	0	0
Total Detailed Gravimetric Quantification (% Asb)	mass %	---	---	---	---	---	---	---	---	---
Asbestos Containing Material (2)	None	---	---	---	---	---	---	---	---	---
Asbestos Type	None	---	0	---	1	---	0	1	0	0
Asbestos Containing Material (3)	None	---	---	---	---	---	---	---	---	---
Asbestos Type 2	None	---	---	---	---	---	---	---	---	---
Asbestos Type 3	None	---	---	---	---	---	---	---	---	---
Asbestos fibres	Detect	---	0	---	1	---	0	1	0	0
Asbestos Fibres (2)	None	---	---	---	---	---	---	---	---	---
Asbestos Gravimetric Quantification	%	---	---	---	---	---	---	---	---	---
General Description (Bulk Analysis)	None	---	1	---	1	---	1	1	1	1
Asbestos Fibres (3)	None	---	---	---	---	---	---	---	---	---
Quantification of Asbestos Fib										
Total ACM Gravimetric Quantification (% Asb)	mass %	---	---	---	<0.001	---	---	<0.001	---	---
Inorganics										
Inorganic Nitrogen	mg/kg	---	<2.5	---	<2.5	---	<2.5	<2.5	<2.5	---
Ammoniacal Nitrogen as N	mg/kg	---	<0.6	---	<0.6	---	<0.6	1.5	<0.6	---
Chloride	mg/kg	---	---	---	---	---	---	---	---	---
Colour	None	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	<0.5	---	<0.5	---	<0.5	<0.5	<0.5	---
Cyanide Total	mg/kg	---	<0.5	---	0.5	---	2	0.8	<0.5	---
Cyanide (Complex)	mg/kg	---	<0.5	---	0.5	---	2	0.8	<0.5	---
Nitrate (as NO3-)	mg/kg	---	<2.5	---	<2.5	---	<2.5	<2.5	<2.5	---
Nitrite (as NO2-)	mg/kg	---	<0.05	---	<0.05	---	<0.05	<0.05	0.23	---
Sulphate	mg/kg	---	11,910	---	4,523	---	12,390	20,980	27,520	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---
Phosphorus	mg/kg	---	1,265	---	849	---	1,513	2,128	3,707	5,931
Sulphate as S	mg/kg	---	---	---	---	---	---	---	---	---
Sulphate (Soluble)	mg/l	---	1,385	---	358.8	---	1,416.7	1,305.2	1,449.2	---
Sulphur as S	%	---	0.56	---	0.13	---	0.59	0.87	0.73	---
Sulphide	mg/kg	---	<10	---	<10	---	<10	<10	<10	---
Thiocyanate (as SCN)	mg/kg	---	<0.6	---	<0.6	---	<0.6	<0.6	<0.6	---
Ortho phosphate as PO4	mg/kg	---	<0.3	---	<0.3	---	<0.3	<0.3	<0.3	---
TPH CWG										
>C5-C6 Aliphatics	mg/kg	---	<0.1	---	<0.1	---	<0.1	<0.1	<0.1	<0.1
>C6-C8 Aliphatics	mg/kg	---	<0.1	---	<0.1	---	<0.1	<0.1	<0.1	<0.1
>C8-C10 Aliphatics	mg/kg	---	<0.1	---	<0.1	---	<0.1	<0.1	<0.1	<0.1
>C10-C12 Aliphatics	mg/kg	---	<1	---	<1	---	<1	<1	<1	<1
>C12-C16 Aliphatics	mg/kg	---	<20	---	<20	---	<20	<20	<20	<20
>C16-C21 Aliphatics	mg/kg	---	67	---	<35	---	<35	<35	<35	<35
>C21-C35 Aliphatics	mg/kg	---	200	---	<35	---	<35	<35	<35	<35
>C35-C40 Aliphatics	mg/kg	---	<35	---	<35	---	<35	<35	<35	<35

Land West of Warrenby Made Ground Soil



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
		LWW-SP025-S1	LWW-SP032-S2	LWW-SP032-S2	LWW-SP032-S2	LWW-SP032-S2	LWW-SP033-S1	LWW-SP033-S1	LWW-SP034-S1
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		24-5353-91-180724	24-250-465-190824	24-250-465-210824	24-5353-115-041024	24-5353-115-230824	24-250-474-220824	24-5353-118-270824	24-250-474-220824
		08 Jul 2024	12 Aug 2024	12 Aug 2024	12 Aug 2024	12 Aug 2024	14 Aug 2024	14 Aug 2024	14 Aug 2024
Metals									
Aluminium	mg/kg	---	18,510	---	---	---	24,670	---	23,520
Antimony	mg/kg	---	---	---	---	---	---	---	---
Arsenic	mg/kg	---	10.8	---	---	---	24.7	---	13.8
Barium	mg/kg	---	483	---	---	---	634	---	798
Boron	mg/kg	---	3.6	---	---	---	---	---	---
Cadmium	mg/kg	---	<2	---	---	---	<2	---	---
Calcium	mg/kg	---	145,500	---	---	---	143,000	---	133,600
Chromium (hexavalent)	mg/kg	---	<0.3	---	---	---	---	---	---
Chromium	mg/kg	---	632.8	---	---	---	597.8	---	455.1
Copper	mg/kg	---	49	---	---	---	127	---	<20
Iron	mg/kg	---	108,900	---	---	---	95,650	---	75,020
Lead	mg/kg	---	134	---	---	---	514	---	<100
Magnesium	mg/kg	---	27,530	---	---	---	27,270	---	31,930
Manganese	mg/kg	---	18,540	---	---	---	13,720	---	16,050
Mercury	mg/kg	---	<2	---	---	---	---	---	---
Molybdenum	mg/kg	---	---	---	---	---	---	---	---
Nickel	mg/kg	---	35.3	---	---	---	54.7	---	23.8
Potassium	mg/kg	---	1,697	---	---	---	1,424	---	1,798
Selenium	mg/kg	---	---	---	---	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---
Sodium	mg/kg	---	756	---	---	---	820	---	745
Vanadium	mg/kg	---	1,075	---	---	---	1,237	---	829
Zinc	mg/kg	---	377	---	---	---	666	---	190
Asbestos									
Total Gravimetric Quantification (ACM + Detailed) (% Asb)	mass %	---	<0.001	---	---	---	0.002	---	<0.001
Asbestos Quantification - Detailed Gravimetric	%	---	<0.001	---	---	---	0.002	---	<0.001
Asbestos Containing Material	Detect	---	0	---	---	---	0	---	0
Total Detailed Gravimetric Quantification (% Asb)	mass %	---	---	---	---	---	---	---	---
Asbestos Containing Material (2)	None	---	0	---	---	---	0	---	0
Asbestos Type	None	---	1	---	---	---	1	---	1
Asbestos Containing Material (3)	None	---	0	---	---	---	---	---	---
Asbestos Type 2	None	---	1	---	---	---	1	---	1
Asbestos Type 3	None	---	1	---	---	---	---	---	---
Asbestos fibres	Detect	---	1	---	---	---	1	---	1
Asbestos Fibres (2)	None	---	1	---	---	---	1	---	1
Asbestos Gravimetric Quantification	%	---	---	---	---	---	---	---	---
General Description (Bulk Analysis)	None	---	1	---	---	---	1	---	1
Asbestos Fibres (3)	None	---	1	---	---	---	---	---	---
Quantification of Asbestos Fib									
Total ACM Gravimetric Quantification (% Asb)	mass %	---	<0.001	---	---	---	<0.001	---	<0.001
Inorganics									
Inorganic Nitrogen	mg/kg	---	<2.5	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/kg	---	<0.6	---	---	---	---	---	---
Chloride	mg/kg	---	---	---	---	---	---	---	---
Colour	None	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	<0.5	---	---	---	---	---	---
Cyanide Total	mg/kg	---	<0.5	---	---	---	---	---	---
Cyanide (Complex)	mg/kg	---	<0.5	---	---	---	---	---	---
Nitrate (as NO3-)	mg/kg	---	<2.5	---	---	---	---	---	---
Nitrite (as NO2-)	mg/kg	---	0.95	---	---	---	---	---	---
Sulphate	mg/kg	---	7,825	---	---	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---
Phosphorus	mg/kg	---	5,338	---	---	---	12,090	---	5,038
Sulphate as S	mg/kg	---	---	---	---	---	---	---	---
Sulphate (Soluble)	mg/l	---	36.7	---	---	---	---	---	---
Sulphur as S	%	---	0.4	---	---	---	---	---	---
Sulphide	mg/kg	---	11	---	---	---	---	---	---
Thiocyanate (as SCN)	mg/kg	---	<0.6	---	---	---	---	---	---
Ortho phosphate as PO4	mg/kg	---	<0.3	---	---	---	---	---	---
TPH CWG									
>C5-C6 Aliphatics	mg/kg	<0.1	<0.1	---	---	<0.1	<0.1	<0.1	<0.1
>C6-C8 Aliphatics	mg/kg	<0.1	<0.1	---	---	<0.1	<0.1	<0.1	<0.1
>C8-C10 Aliphatics	mg/kg	<0.1	<0.1	---	---	<0.1	<0.1	<0.1	<0.1
>C10-C12 Aliphatics	mg/kg	<1	<1	---	---	<1	<1	<1	<1
>C12-C16 Aliphatics	mg/kg	<20	<20	---	---	<20	<20	<20	<20
>C16-C21 Aliphatics	mg/kg	<35	<35	---	---	<35	91	<35	<35
>C21-C35 Aliphatics	mg/kg	<35	<35	---	---	<35	366	<35	<35
>C35-C40 Aliphatics	mg/kg	<35	<35	---	---	<35	<35	<35	<35

Land West of Warrenby Made Ground Soil



Matrix Description Location Code Matrix Type Lab Report Number Date Depth		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
		LWW-SP035-S1	LWW-SP035-S1	LWW-SP036-S1	LWW-SP036-S1	LWW-SP517-S14	LWW-SP520-S6	LWW-SP520-S6	LWW-SP521-S4
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		24-250-477-280824	24-250-477-290824	24-250-491-050924	24-5353-125-100924	23-9664-114-051023	23-9664-112-031023	23-9664-112-290923	23-9664-112-031023
		15 Aug 2024	15 Aug 2024	21 Aug 2024	21 Aug 2024	21 Sep 2023	20 Sep 2023	20 Sep 2023	20 Sep 2023
		0							
	Unit								
Metals									
Aluminium	mg/kg	<1,000	---	14,400	---	72,120	43,000	---	---
Antimony	mg/kg	---	---	---	---	---	---	---	---
Arsenic	mg/kg	<10	---	10.6	---	20.5	10.8	---	16.9
Barium	mg/kg	40	---	356	---	---	---	---	---
Boron	mg/kg	3.9	---	1.8	---	3.2	---	2.8	---
Cadmium	mg/kg	<2	---	<2	---	0.2	<0.1	---	<0.1
Calcium	mg/kg	152,200	---	224,900	---	209,500	198,700	---	197,900
Chromium (hexavalent)	mg/kg	<0.3	---	<0.3	---	<0.3	---	<0.3	---
Chromium	mg/kg	55.7	---	1,469	---	79.3	---	672.1	85.9
Copper	mg/kg	<20	---	47	---	21	38	---	33
Iron	mg/kg	7,900	---	141,600	---	26,490	93,500	---	38,950
Lead	mg/kg	<100	---	182	---	96	101	---	76
Magnesium	mg/kg	36,940	---	35,370	---	37,160	33,000	---	32,200
Manganese	mg/kg	946	---	27,210	---	4,178	14,080	---	3,178
Mercury	mg/kg	<2	---	<2	---	<0.1	<0.1	---	<0.1
Molybdenum	mg/kg	---	---	---	---	---	---	---	---
Nickel	mg/kg	<14	---	25	---	11	17.5	---	16.9
Potassium	mg/kg	1,025	---	844	---	3,661	2,292	---	3,848
Selenium	mg/kg	---	---	---	---	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---
Sodium	mg/kg	682	---	355	---	1,901	1,219	---	1,869
Vanadium	mg/kg	79	---	2,360	---	206	---	993	160
Zinc	mg/kg	<100	---	477	---	304	564	---	327
Asbestos									
Total Gravimetric Quantification (ACM + Detailed) (% Asb)	mass %	<0.001	---	---	---	---	---	---	---
Asbestos Quantification - Detailed Gravimetric	%	<0.001	---	---	---	---	---	---	---
Asbestos Containing Material	Detect	0	---	0	---	0	---	0	---
Total Detailed Gravimetric Quantification (% Asb)	mass %	---	---	---	---	---	---	---	---
Asbestos Containing Material (2)	None	0	---	---	---	---	---	---	---
Asbestos Type	None	1	---	0	---	0	---	0	---
Asbestos Containing Material (3)	None	---	---	---	---	---	---	---	---
Asbestos Type 2	None	1	---	---	---	---	---	---	---
Asbestos Type 3	None	---	---	---	---	---	---	---	---
Asbestos fibres	Detect	1	---	0	---	0	---	0	---
Asbestos Fibres (2)	None	1	---	---	---	---	---	---	---
Asbestos Gravimetric Quantification	%	---	---	---	---	---	---	---	---
General Description (Bulk Analysis)	None	1	---	1	---	1	---	1	---
Asbestos Fibres (3)	None	---	---	---	---	---	---	---	---
Quantification of Asbestos Fib									
Total ACM Gravimetric Quantification (% Asb)	mass %	<0.001	---	---	---	---	---	---	---
Inorganics									
Inorganic Nitrogen	mg/kg	3.2	---	45.1	---	<2.5	---	<2.5	---
Ammoniacal Nitrogen as N	mg/kg	<0.6	---	<0.6	---	0.9	---	<0.6	---
Chloride	mg/kg	---	---	---	---	---	---	---	---
Colour	None	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	<0.5	---	<0.5	---	<0.5	---	<0.5	---
Cyanide Total	mg/kg	<0.5	---	7.6	---	<0.5	---	1.1	---
Cyanide (Complex)	mg/kg	<0.5	---	7.6	---	<0.5	---	1.1	---
Nitrate (as NO3-)	mg/kg	12.8	---	196.6	---	<2.5	---	<2.5	---
Nitrite (as NO2-)	mg/kg	1.02	---	2.33	---	<0.05	---	<0.05	---
Sulphate	mg/kg	5,569	---	10,160	---	17,390	---	16,120	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	1.5364	---	1.4307	---
Phosphorus	mg/kg	613	---	21,910	---	---	---	---	---
Sulphate as S	mg/kg	---	---	---	---	---	---	---	---
Sulphate (Soluble)	mg/l	190.3	---	279.4	---	---	---	---	---
Sulphur as S	%	0.26	---	0.35	---	0.92	---	0.62	---
Sulphide	mg/kg	<10	---	<10	---	<10	---	<10	---
Thiocyanate (as SCN)	mg/kg	<0.6	---	0.7	---	<0.6	---	<0.6	---
Ortho phosphate as PO4	mg/kg	<0.3	---	<0.3	---	<0.3	---	<0.3	---
TPH CWG									
>C5-C6 Aliphatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	---	<0.1	---
>C6-C8 Aliphatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	---	<0.1	---
>C8-C10 Aliphatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	---	<0.1	---
>C10-C12 Aliphatics	mg/kg	<1	---	<1	<1	<0.2	---	<0.2	---
>C12-C16 Aliphatics	mg/kg	<20	---	<20	<20	<4	---	<4	---
>C16-C21 Aliphatics	mg/kg	131	---	<35	<35	<7	---	11	---
>C21-C35 Aliphatics	mg/kg	328	---	<35	<35	34	---	66	---
>C35-C40 Aliphatics	mg/kg	<35	---	<35	<35	---	---	---	---

Land West of Warrenby Made Ground Soil



Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP521-S4	LWW-SP521-S9	LWW-SP525-S3	LWW-SP525-S9	LWW-SP526-S1	LWW-SP528-S5	LWW-SP530-S7	LWW-SP530-S14
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-9664-112-290923	23-9664-121-161023	23-9664-133-101023	23-9664-143-191023	23-18173-1-101123	23-9664-143-191023	23-9664-162-301023	23-9664-184-081223
Date		20 Sep 2023	27 Sep 2023	03 Oct 2023	11 Oct 2023	30 Oct 2023	11 Oct 2023	23 Oct 2023	09 Nov 2023
Depth								0	0
	Unit								
Metals									
Aluminium	mg/kg	64,290	38,830	24,240	43,860	70,560	45,550	46,560	39,430
Antimony	mg/kg	---	---	---	---	---	---	---	---
Arsenic	mg/kg	---	14.4	---	22.9	7.5	17.6	---	18.7
Barium	mg/kg	---	---	---	---	---	---	---	---
Boron	mg/kg	3.3	2.2	---	3.3	6.4	2.4	---	---
Cadmium	mg/kg	---	<0.1	---	0.2	0.2	<0.1	---	<0.1
Calcium	mg/kg	---	224,400	183,500	181,200	182,600	166,600	230,300	170,100
Chromium (hexavalent)	mg/kg	<0.3	<0.3	---	<0.3	<0.3	<0.3	---	<0.3
Chromium	mg/kg	---	855.4	---	321.7	40	230.9	---	422.8
Copper	mg/kg	---	29	---	70	18	42	---	56
Iron	mg/kg	---	89,420	121,300	68,930	61,700	96,940	46,220	69,710
Lead	mg/kg	---	147	1,202	130	34	132	164	140
Magnesium	mg/kg	---	40,160	29,760	29,810	31,140	26,020	27,110	29,080
Manganese	mg/kg	---	20,170	17,270	11,690	3,115	6,427	6,806	9,434
Mercury	mg/kg	---	<0.1	---	<0.1	<0.1	<0.1	---	<0.1
Molybdenum	mg/kg	---	---	---	---	---	---	---	---
Nickel	mg/kg	---	15.2	---	21.8	8.8	25.3	---	33.8
Potassium	mg/kg	---	3,370	3,309	3,804	2,919	2,882	2,917	3,422
Selenium	mg/kg	---	---	---	---	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---
Sodium	mg/kg	---	1,562	1,085	1,608	1,482	1,332	1,729	2,907
Vanadium	mg/kg	---	2,065	1,534	740	75	502	406	702
Zinc	mg/kg	---	112	2,070	339	241	339	252	247
Asbestos									
Total Gravimetric Quantification (ACM + Detailed) (% Asb)	mass %	<0.001	---	---	0.003	---	<0.001	---	---
Asbestos Quantification - Detailed Gravimetric	%	---	---	---	---	---	---	---	---
Asbestos Containing Material	Detect	0	0	0	0	0	0	0	0
Total Detailed Gravimetric Quantification (% Asb)	mass %	<0.001	---	---	0.003	---	<0.001	---	---
Asbestos Containing Material (2)	None	0	---	---	0	---	0	---	---
Asbestos Type	None	1	0	0	1	0	1	0	0
Asbestos Containing Material (3)	None	---	---	---	---	---	0	---	---
Asbestos Type 2	None	1	---	---	1	---	1	---	---
Asbestos Type 3	None	---	---	---	---	---	1	---	---
Asbestos fibres	Detect	1	0	0	1	0	1	0	0
Asbestos Fibres (2)	None	1	---	---	1	---	1	---	---
Asbestos Gravimetric Quantification	%	---	---	---	---	---	---	---	---
General Description (Bulk Analysis)	None	1	1	1	1	1	1	1	1
Asbestos Fibres (3)	None	---	---	---	---	---	1	---	---
Quantification of Asbestos Fib									
Total ACM Gravimetric Quantification (% Asb)	mass %	<0.001	---	---	<0.001	---	<0.001	---	---
Inorganics									
Inorganic Nitrogen	mg/kg	<2.5	<2.5	---	<2.5	<2.5	<2.5	---	<2.5
Ammoniacal Nitrogen as N	mg/kg	<0.6	<0.6	---	<0.6	0.8	<0.6	---	<0.6
Chloride	mg/kg	---	---	---	---	---	---	---	---
Colour	None	---	---	---	---	---	---	1	1
Cyanide (Free)	mg/kg	<0.5	<0.5	---	<0.5	<0.5	<0.5	---	<0.5
Cyanide Total	mg/kg	2.3	1.4	---	1.8	<0.5	1.8	---	<0.5
Cyanide (Complex)	mg/kg	2.3	1.4	---	1.8	<0.5	1.8	---	<0.5
Nitrate (as NO3-)	mg/kg	<2.5	<2.5	---	<2.5	<2.5	<2.5	---	<2.5
Nitrite (as NO2-)	mg/kg	<0.05	<0.05	---	0.16	<0.05	<0.05	---	0.62
Sulphate	mg/kg	43,950	14,920	---	15,650	21,860	24,240	---	8,891
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	1.5267	1.4111	---	1.3947	1.5888	1.4851	---	1.3971
Phosphorus	mg/kg	---	---	---	---	---	---	---	---
Sulphate as S	mg/kg	---	---	---	---	---	---	---	---
Sulphate (Soluble)	mg/l	---	---	---	---	---	---	---	---
Sulphur as S	%	1.15	0.64	---	0.68	0.86	0.78	---	0.58
Sulphide	mg/kg	<10	<10	---	<10	<10	<10	---	<10
Thiocyanate (as SCN)	mg/kg	<0.6	<0.6	---	<0.6	<0.6	<0.6	---	<0.6
Ortho phosphate as PO4	mg/kg	<0.3	<0.3	---	<0.3	<0.3	<0.3	---	<0.3
TPH CWG									
>C5-C6 Aliphatics	mg/kg	<0.1	<0.1	---	<0.1	<0.1	<0.1	---	<0.1
>C6-C8 Aliphatics	mg/kg	<0.1	<0.1	---	<0.1	<0.1	<0.1	---	<0.1
>C8-C10 Aliphatics	mg/kg	<0.1	<0.1	---	<0.1	<0.1	<0.1	---	<0.1
>C10-C12 Aliphatics	mg/kg	<0.2	<0.2	---	5.1	<0.2	<0.2	---	<0.2
>C12-C16 Aliphatics	mg/kg	<4	8	---	38	<4	<4	---	<4
>C16-C21 Aliphatics	mg/kg	21	155	---	190	36	30	---	34
>C21-C35 Aliphatics	mg/kg	77	156	---	588	150	129	---	135
>C35-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---



Land West of Warrenby Made Ground Soil

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	MADE GROUNDMADE GROUNDMADE GROUNDMADE GROUNDMADE GROUNDMADE GROUNDMADE GROUNDMADE GROUNDMADE GROUND								
	LWW-SP532-S3LWW-SP532-S12LWW-SP533-S1LWW-SP534-S1LWW-SP534-S1LWW-SP535-S1LWW-SP535-S1LWW-SP535-S1LWW-SP536-S1								
	SoilSoilSoilSoilSoilSoilSoilSoilSoil								
	23-9664-162-30102323-9664-184-20112323-9664-164-31102323-9664-179-13112323-9664-179-21112323-9664-179-13112323-9664-179-21112323-9664-179-131123								
	23 Oct 202309 Nov 202324 Oct 202306 Nov 202306 Nov 202306 Nov 202306 Nov 202306 Nov 202306 Nov 2023								
Unit									
Metals									
Aluminium	mg/kg	43,140	35,950	62,700	---	50,800	---	28,280	---
Antimony	mg/kg	---	---	---	---	---	---	---	---
Arsenic	mg/kg	---	19.6	11.7	---	31	---	25.2	---
Barium	mg/kg	---	---	---	---	---	---	---	---
Boron	mg/kg	---	3.3	2.2	---	2.5	---	3.1	---
Cadmium	mg/kg	---	<0.1	0.2	---	0.6	---	<0.1	---
Calcium	mg/kg	171,000	---	202,300	---	190,400	---	148,600	---
Chromium (hexavalent)	mg/kg	---	<0.3	<0.3	---	<0.3	---	<0.3	---
Chromium	mg/kg	---	495.9	84.9	---	127.3	---	289.1	---
Copper	mg/kg	---	62	45	---	65	---	76	---
Iron	mg/kg	52,520	83,860	38,310	---	62,070	---	112,600	---
Lead	mg/kg	428	117	52	---	208	---	127	---
Magnesium	mg/kg	24,750	41,240	30,140	---	33,470	---	25,820	---
Manganese	mg/kg	4,987	10,000	3,099	---	5,307	---	7,825	---
Mercury	mg/kg	---	<0.1	<0.1	---	<0.1	---	0.1	---
Molybdenum	mg/kg	---	---	---	---	---	---	---	---
Nickel	mg/kg	---	19.9	12.8	---	25	---	41.7	---
Potassium	mg/kg	3,511	2,849	4,718	---	5,167	---	2,343	---
Selenium	mg/kg	---	---	---	---	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---
Sodium	mg/kg	1,899	1,522	2,395	---	2,958	---	1,276	---
Vanadium	mg/kg	306	1,009	196	---	412	---	597	---
Zinc	mg/kg	383	312	206	---	505	---	301	---
Asbestos									
Total Gravimetric Quantification (ACM + Detailed) (% Asb)	mass %	---	<0.001	<0.001	---	---	0.004	---	---
Asbestos Quantification - Detailed Gravimetric	%	---	---	---	---	---	---	---	---
Asbestos Containing Material	Detect	0	0	0	0	---	0	---	0
Total Detailed Gravimetric Quantification (% Asb)	mass %	---	<0.001	<0.001	---	---	0.004	---	---
Asbestos Containing Material (2)	None	---	---	---	---	---	0	---	---
Asbestos Type	None	0	1	1	0	---	1	---	0
Asbestos Containing Material (3)	None	---	---	---	---	---	---	---	---
Asbestos Type 2	None	---	---	---	---	---	1	---	---
Asbestos Type 3	None	---	---	---	---	---	---	---	---
Asbestos fibres	Detect	0	1	1	0	---	1	---	0
Asbestos Fibres (2)	None	---	---	---	---	---	1	---	---
Asbestos Gravimetric Quantification	%	---	---	---	---	---	---	---	---
General Description (Bulk Analysis)	None	1	1	1	1	---	1	---	1
Asbestos Fibres (3)	None	---	---	---	---	---	---	---	---
Quantification of Asbestos Fib									
Total ACM Gravimetric Quantification (% Asb)	mass %	---	<0.001	<0.001	---	---	<0.001	---	---
Inorganics									
Inorganic Nitrogen	mg/kg	---	<2.5	<2.5	---	<2.5	---	<2.5	---
Ammoniacal Nitrogen as N	mg/kg	---	<0.6	0.8	---	<0.6	---	<0.6	---
Chloride	mg/kg	---	---	---	---	---	---	---	---
Colour	None	1	1	1	1	---	1	---	1
Cyanide (Free)	mg/kg	---	<0.5	<0.5	---	<0.5	---	<0.5	---
Cyanide Total	mg/kg	---	<0.5	1.4	---	<0.5	---	0.7	---
Cyanide (Complex)	mg/kg	---	<0.5	1.4	---	<0.5	---	0.7	---
Nitrate (as NO3-)	mg/kg	---	<2.5	<2.5	---	<2.5	---	<2.5	---
Nitrite (as NO2-)	mg/kg	---	0.46	0.36	---	<0.05	---	0.49	---
Sulphate	mg/kg	---	4,825	9,954	---	8,639	---	8,207	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	0.7825	0.6656	---	1.4523	---	1.3885	---
Phosphorus	mg/kg	---	---	---	---	---	---	---	---
Sulphate as S	mg/kg	---	---	---	---	---	---	---	---
Sulphate (Soluble)	mg/l	---	---	---	---	---	---	---	---
Sulphur as S	%	---	0.4	0.94	---	0.6	---	0.45	---
Sulphide	mg/kg	---	<10	<10	---	<10	---	<10	---
Thiocyanate (as SCN)	mg/kg	---	<0.6	<0.6	---	<0.6	---	<0.6	---
Ortho phosphate as PO4	mg/kg	---	<0.3	<0.3	---	<0.3	---	<0.3	---
TPH CWG									
>C5-C6 Aliphatics	mg/kg	---	<0.1	<0.1	---	<0.1	---	<0.1	---
>C6-C8 Aliphatics	mg/kg	---	<0.1	<0.1	---	<0.1	---	<0.1	---
>C8-C10 Aliphatics	mg/kg	---	<0.1	<0.1	---	<0.1	---	<0.1	---
>C10-C12 Aliphatics	mg/kg	---	<0.2	<0.2	---	<0.2	---	<0.2	---
>C12-C16 Aliphatics	mg/kg	---	<4	16	---	<4	---	<4	---
>C16-C21 Aliphatics	mg/kg	---	14	152	---	29	---	17	---
>C21-C35 Aliphatics	mg/kg	---	129	621	---	141	---	76	---
>C35-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---

Land West of Warrenby Made Ground Soil



Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP536-S1	LWW-SP537-S1	LWW-SP537-S1	LWW-SP538-S1	LWW-SP540-S1	LWW-SP540-S1	LWW-SP541-S1	LWW-SP542-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-9664-179-211123	23-9664-179-131123	23-9664-179-211123	23-9664-202-291123	23-9664-210-071223	23-9664-210-111223	23-9664-232-151223	23-9664-236-211223
Date		06 Nov 2023	06 Nov 2023	06 Nov 2023	21 Nov 2023	23 Nov 2023	23 Nov 2023	07 Dec 2023	11 Dec 2023
Depth		0	0	0				0	
	Unit								
Metals									
Aluminium	mg/kg	70,650	51,910	---	34,690	29,550	---	17,700	27,760
Antimony	mg/kg	---	---	---	---	---	---	---	---
Arsenic	mg/kg	9.6	27.7	---	29.2	21.4	---	39	41.4
Barium	mg/kg	---	---	---	---	---	---	476	512
Boron	mg/kg	4.4	---	2.5	3.3	4	---	1.6	2.6
Cadmium	mg/kg	<0.1	<0.1	---	<0.1	<0.1	---	1.1	<0.1
Calcium	mg/kg	222,000	173,200	---	150,400	197,400	---	85,410	159,800
Chromium (hexavalent)	mg/kg	<0.3	---	<0.3	<0.3	<0.3	---	<0.3	<0.3
Chromium	mg/kg	112.9	89.1	---	354.9	464.5	---	407.5	346.6
Copper	mg/kg	11	73	---	67	61	---	104	110
Iron	mg/kg	30,050	56,350	---	76,220	125,700	---	117,900	98,840
Lead	mg/kg	13	195	---	164	109	---	362	313
Magnesium	mg/kg	36,880	29,970	---	26,750	26,330	---	17,670	27,390
Manganese	mg/kg	6,477	5,025	---	8,024	19,270	---	8,969	8,293
Mercury	mg/kg	<0.1	<0.1	---	0.1	<0.1	---	0.2	<0.1
Molybdenum	mg/kg	---	---	---	---	---	---	---	---
Nickel	mg/kg	6.7	25	---	30.3	25.8	---	50.8	40.1
Potassium	mg/kg	3,936	4,362	---	2,535	1,771	---	2,090	1,999
Selenium	mg/kg	---	---	---	---	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---
Sodium	mg/kg	2,340	2,316	---	1,289	1,050	---	898	1,228
Vanadium	mg/kg	326	286	---	713	1,610	---	834	982
Zinc	mg/kg	59	359	---	322	429	---	875	665
Asbestos									
Total Gravimetric Quantification (ACM + Detailed) (% Asb)	mass %	---	---	---	<0.001	<0.001	---	---	0.001
Asbestos Quantification - Detailed Gravimetric	%	---	---	---	---	---	---	---	---
Asbestos Containing Material	Detect	---	0	---	0	0	---	0	0
Total Detailed Gravimetric Quantification (% Asb)	mass %	---	---	---	<0.001	<0.001	---	---	0.001
Asbestos Containing Material (2)	None	---	---	---	0	---	---	---	---
Asbestos Type	None	---	0	---	1	1	---	0	1
Asbestos Containing Material (3)	None	---	---	---	---	---	---	---	---
Asbestos Type 2	None	---	---	---	1	---	---	---	---
Asbestos Type 3	None	---	---	---	---	---	---	---	---
Asbestos fibres	Detect	---	0	---	1	1	---	0	1
Asbestos Fibres (2)	None	---	---	---	1	---	---	---	---
Asbestos Gravimetric Quantification	%	---	---	---	---	---	---	---	---
General Description (Bulk Analysis)	None	---	1	---	1	1	---	1	1
Asbestos Fibres (3)	None	---	---	---	---	---	---	---	---
Quantification of Asbestos Fib									
Total ACM Gravimetric Quantification (% Asb)	mass %	---	---	---	<0.001	<0.001	---	---	<0.001
Inorganics									
Inorganic Nitrogen	mg/kg	<2.5	---	2.5	<2.5	<2.5	---	<2.5	<2.5
Ammoniacal Nitrogen as N	mg/kg	2.3	---	2.5	<0.6	<0.6	---	0.7	0.7
Chloride	mg/kg	---	---	---	---	---	---	---	---
Colour	None	---	1	---	1	1	---	1	1
Cyanide (Free)	mg/kg	<0.5	---	<0.5	<0.5	<0.5	---	<0.5	<0.5
Cyanide Total	mg/kg	<0.5	---	<0.5	<0.5	<0.5	---	<0.5	<0.5
Cyanide (Complex)	mg/kg	<0.5	---	<0.5	<0.5	<0.5	---	<0.5	<0.5
Nitrate (as NO3-)	mg/kg	<2.5	---	<2.5	<2.5	<2.5	---	<2.5	<2.5
Nitrite (as NO2-)	mg/kg	<0.05	---	<0.05	0.53	0.82	---	0.36	0.36
Sulphate	mg/kg	14,310	---	8,185	7,264	6,818	---	---	4,412
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	0.5616	---	0.9683	0.6708	0.4293	---	1.4532	0.5699
Phosphorus	mg/kg	---	---	---	---	---	---	6,865	9,570
Sulphate as S	mg/kg	---	---	---	---	---	---	5,330	---
Sulphate (Soluble)	mg/l	---	---	---	---	---	---	---	---
Sulphur as S	%	0.79	---	0.56	0.47	0.4	---	0.34	0.39
Sulphide	mg/kg	<10	---	<10	<10	<10	---	<10	<10
Thiocyanate (as SCN)	mg/kg	<0.6	---	<0.6	<0.6	<0.6	---	<0.6	<0.6
Ortho phosphate as PO4	mg/kg	<0.3	---	<0.3	1.1	0.6	---	<0.3	<0.3
TPH CWG									
>C5-C6 Aliphatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	---	<0.1	<0.1
>C6-C8 Aliphatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	---	<0.1	<0.1
>C8-C10 Aliphatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	---	<0.1	<0.1
>C10-C12 Aliphatics	mg/kg	<0.2	---	<0.2	<0.2	<0.2	---	<0.2	<0.2
>C12-C16 Aliphatics	mg/kg	<4	---	<4	9	<4	---	<4	<4
>C16-C21 Aliphatics	mg/kg	16	---	35	38	26	---	19	24
>C21-C35 Aliphatics	mg/kg	85	---	172	142	170	---	163	136
>C35-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---



Land West of Warrenby Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP543-S1	LWW-SP543-S1	LWW-SP544-S1	LWW-SP545-S1	LWW-SP546-S1	LWW-SP547-S1	LWW-SP548-S1	LWW-SP549-S1	LWW-SP550-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-9664-238-211223	23-9664-238-211223	23-9664-249-281223	24-250-7-240124	24-250-6-240124	24-250-16-230124	24-250-16-230124	24-250-32-050224	24-250-33-060224
Date		12 Dec 2023	12 Dec 2023	18 Dec 2023	09 Jan 2024	09 Jan 2024	12 Jan 2024	15 Jan 2024	22 Jan 2024	23 Jan 2024
Depth		0	0	0			0	0		
	Unit									
Metals										
Aluminium	mg/kg	29,530	---	53,220	24,350	28,750	16,110	17,870	22,530	28,900
Antimony	mg/kg	---	---	---	---	---	---	---	---	---
Arsenic	mg/kg	48.3	---	13.1	8.6	28.6	28.1	64.7	54.1	32.4
Barium	mg/kg	789	---	648	779	637	450	566	571	477
Boron	mg/kg	5	---	5.1	3	3.1	2.5	6	3.2	5.6
Cadmium	mg/kg	0.8	---	0.4	0.5	1	3.3	<0.1	1.1	0.1
Calcium	mg/kg	136,900	---	174,100	213,900	165,400	184,800	118,000	139,000	162,600
Chromium (hexavalent)	mg/kg	<0.3	---	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Chromium	mg/kg	413.1	---	118.4	669.6	447.2	484.8	423.4	329.9	337.6
Copper	mg/kg	108	---	37	42	81	99	154	176	70
Iron	mg/kg	96,470	---	48,890	119,900	91,550	141,300	96,170	102,300	82,480
Lead	mg/kg	249	---	97	88	240	284	166	579	221
Magnesium	mg/kg	23,170	---	28,290	23,660	25,640	31,700	22,990	20,210	32,060
Manganese	mg/kg	17,780	---	6,025	24,880	12,360	10,010	68,760	8,476	11,060
Mercury	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum	mg/kg	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	42.8	---	14.9	18.8	29	43.3	86.3	39.2	31.2
Potassium	mg/kg	2,411	---	3,301	2,339	2,650	2,998	1,311	1,896	2,243
Selenium	mg/kg	---	---	---	---	---	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---	---
Sodium	mg/kg	1,562	---	1,581	1,186	1,080	1,547	974	1,269	1,247
Vanadium	mg/kg	1,286	---	250	2,216	1,212	1,049	719	1,118	785
Zinc	mg/kg	910	---	302	211	723	1,018	225	875	400
Asbestos										
Total Gravimetric Quantification (ACM + Detailed) (% Asb)	mass %	<0.001	---	---	<0.001	<0.001	<0.001	0.001	<0.001	<0.001
Asbestos Quantification - Detailed Gravimetric	%	---	---	---	---	---	---	---	---	---
Asbestos Containing Material	Detect	0	---	0	0	0	0	0	0	0
Total Detailed Gravimetric Quantification (% Asb)	mass %	<0.001	---	---	<0.001	<0.001	<0.001	0.001	<0.001	<0.001
Asbestos Containing Material (2)	None	---	---	---	0	0	---	0	0	0
Asbestos Type	None	1	---	0	1	1	1	1	1	1
Asbestos Containing Material (3)	None	---	---	---	---	---	---	---	---	---
Asbestos Type 2	None	---	---	---	1	1	0	1	1	1
Asbestos Type 3	None	---	---	---	---	---	---	0	---	---
Asbestos fibres	Detect	1	---	0	1	1	1	1	1	1
Asbestos Fibres (2)	None	---	---	---	1	1	---	1	1	1
Asbestos Gravimetric Quantification	%	---	---	---	---	---	---	---	---	---
General Description (Bulk Analysis)	None	1	---	1	1	1	1	1	1	1
Asbestos Fibres (3)	None	---	---	---	---	---	---	---	---	---
Quantification of Asbestos Fib										
Total ACM Gravimetric Quantification (% Asb)	mass %	<0.001	---	---	<0.001	---	---	---	<0.001	<0.001
Inorganics										
Inorganic Nitrogen	mg/kg	4.3	---	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Ammoniacal Nitrogen as N	mg/kg	0.8	---	<0.6	0.8	<0.6	<0.6	<0.6	<0.6	<0.6
Chloride	mg/kg	---	---	---	---	---	---	---	---	---
Colour	None	1	---	1	---	---	---	---	---	---
Cyanide (Free)	mg/kg	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cyanide Total	mg/kg	<0.5	---	<0.5	0.8	<0.5	0.9	<0.5	8	0.8
Cyanide (Complex)	mg/kg	<0.5	---	<0.5	0.8	<0.5	0.9	<0.5	8	0.8
Nitrate (as NO3-)	mg/kg	14.6	---	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Nitrite (as NO2-)	mg/kg	0.66	---	0.3	1.91	0.3	0.3	0.43	0.23	0.3
Sulphate	mg/kg	7,246	---	19,610	6,937	5,843	6,430	8,589	6,702	12,440
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	1.2478	---	1.4732	0.0911	0.5254	0.3413	0.5787	0.4352	1.3433
Phosphorus	mg/kg	8,168	---	1,609	9,568	7,018	9,738	5,891	8,178	6,187
Sulphate as S	mg/kg	---	---	---	---	---	---	---	---	---
Sulphate (Soluble)	mg/l	---	---	---	---	---	---	---	---	---
Sulphur as S	%	0.44	---	0.65	0.4	0.43	0.26	0.3	0.3	0.52
Sulphide	mg/kg	<10	---	<10	<10	<10	<10	<10	<10	<10
Thiocyanate (as SCN)	mg/kg	<0.6	---	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6
Ortho phosphate as PO4	mg/kg	<0.3	---	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
TPH CWG										
>C5-C6 Aliphatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>C6-C8 Aliphatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>C8-C10 Aliphatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>C10-C12 Aliphatics	mg/kg	<0.2	---	<0.2	<0.2	3.4	<0.2	<0.2	<0.2	<0.2
>C12-C16 Aliphatics	mg/kg	<4	---	8	<4	25	5	7	<4	<4
>C16-C21 Aliphatics	mg/kg	<7	18	49	23	121	31	168	21	11
>C21-C35 Aliphatics	mg/kg	43	68	277	83	445	65	603	241	76
>C35-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---



Land West of Warrenby Made Ground Soil

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
		LWW-SP550-S1	LWW-SP551-S1	LWW-SP552-S1	LWW-SP553-S1	LWW-SP554-S1	LWW-SP555-S1	LWW-SP556-S5	LWW-SP557-S1	LWW-SP558-S2
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		24-250-35-060224	24-250-41-050224	24-250-41-050224	24-250-55-140224	24-250-55-140224	24-250-67-150224	24-250-85-260224	24-250-85-260224	24-250-99-080324
		23 Jan 2024	25 Jan 2024	25 Jan 2024	02 Feb 2024	02 Feb 2024	07 Feb 2024	15 Feb 2024	15 Feb 2024	21 Feb 2024
Metals										
Aluminium	mg/kg	---	39,570	66,600	32,200	18,280	26,310	28,430	29,380	46,020
Antimony	mg/kg	---	---	---	---	---	---	---	---	---
Arsenic	mg/kg	---	23.9	17.4	19.7	8.7	36.1	28.8	36.7	16.7
Barium	mg/kg	---	635	597	321	356	491	544	562	662
Boron	mg/kg	---	2	2.6	1.8	1.8	2.3	2.2	2.5	3.6
Cadmium	mg/kg	---	<0.1	<0.1	<0.1	<0.5	1.2	0.2	8.6	0.4
Calcium	mg/kg	---	161,400	200,400	102,400	73,870	186,800	148,700	170,500	160,100
Chromium (hexavalent)	mg/kg	---	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Chromium	mg/kg	---	237.3	76.9	35.2	15.5	471.6	305.8	296.3	62.9
Copper	mg/kg	---	54	18	16	6	64	71	112	28
Iron	mg/kg	---	64,850	38,260	28,420	7,769	95,390	84,430	93,880	49,580
Lead	mg/kg	---	162	174	46	27	296	231	526	90
Magnesium	mg/kg	---	25,850	33,680	16,980	11,730	30,740	23,260	27,590	25,120
Manganese	mg/kg	---	7,272	3,739	2,314	1,384	12,110	8,974	7,792	3,400
Mercury	mg/kg	---	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1	0.3	<0.1
Molybdenum	mg/kg	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	---	32	13.7	9.5	3.6	28.7	33.8	31.9	18.5
Potassium	mg/kg	---	2,557	5,416	1,788	1,033	2,343	2,567	2,504	2,847
Selenium	mg/kg	---	---	---	---	---	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---	---
Sodium	mg/kg	---	1,616	2,788	978	595	1,197	1,243	1,174	1,655
Vanadium	mg/kg	---	604	245	89	33	1,231	1,044	840	125
Zinc	mg/kg	---	573	2,261	186	61	672	528	1,377	630
Asbestos										
Total Gravimetric Quantification (ACM + Detailed) (% Asb)	mass %	---	---	---	---	---	---	0.016	0.005	---
Asbestos Quantification - Detailed Gravimetric	%	---	---	---	---	---	---	---	---	0.002
Asbestos Containing Material	Detect	---	0	0	0	0	0	0	0	0
Total Detailed Gravimetric Quantification (% Asb)	mass %	---	---	---	---	---	---	0.016	0.005	0.002
Asbestos Containing Material (2)	None	---	---	---	---	---	---	0	0	---
Asbestos Type	None	---	0	0	0	0	0	1	1	1
Asbestos Containing Material (3)	None	---	---	---	---	---	---	---	---	---
Asbestos Type 2	None	---	---	---	---	---	---	1	1	---
Asbestos Type 3	None	---	---	---	---	---	---	---	---	---
Asbestos fibres	Detect	---	0	0	0	0	0	1	1	1
Asbestos Fibres (2)	None	---	---	---	---	---	---	1	1	---
Asbestos Gravimetric Quantification	%	---	---	---	---	---	---	---	---	---
General Description (Bulk Analysis)	None	---	1	1	1	1	1	1	1	1
Asbestos Fibres (3)	None	---	---	---	---	---	---	---	---	---
Quantification of Asbestos Fib										
Total ACM Gravimetric Quantification (% Asb)	mass %	---	---	---	---	---	---	<0.001	<0.001	<0.001
Inorganics										
Inorganic Nitrogen	mg/kg	---	4.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	4
Ammoniacal Nitrogen as N	mg/kg	---	4.4	1	1.1	1.7	1.5	1	0.7	3.9
Chloride	mg/kg	---	---	---	---	---	---	---	---	---
Colour	None	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cyanide Total	mg/kg	---	1	15.1	<0.5	<0.5	0.8	0.9	<0.5	<0.5
Cyanide (Complex)	mg/kg	---	1	3.5	<0.5	<0.5	0.8	0.9	<0.5	<0.5
Nitrate (as NO3-)	mg/kg	---	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Nitrite (as NO2-)	mg/kg	---	0.3	0.16	<0.05	<0.05	0.46	0.3	1.08	0.26
Sulphate	mg/kg	---	18,710	46,320	17,810	7,490	9,274	6,773	20,450	17,080
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	1.4598	1.551	1.4905	1.4523	1.13	1.0018	1.2401	1.3444
Phosphorus	mg/kg	---	5,080	1,319	564	171	12,420	7,231	7,136	606
Sulphate as S	mg/kg	---	---	---	---	---	---	---	---	---
Sulphate (Soluble)	mg/l	---	---	---	---	---	---	---	---	---
Sulphur as S	%	---	0.5	0.86	0.46	0.27	0.41	0.4	0.66	0.83
Sulphide	mg/kg	---	<10	<10	<10	<10	<10	<10	<10	<10
Thiocyanate (as SCN)	mg/kg	---	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6
Ortho phosphate as PO4	mg/kg	---	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
TPH CWG										
>C5-C6 Aliphatics	mg/kg	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>C6-C8 Aliphatics	mg/kg	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>C8-C10 Aliphatics	mg/kg	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>C10-C12 Aliphatics	mg/kg	---	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
>C12-C16 Aliphatics	mg/kg	---	<4	<4	<4	<4	<4	<4	<4	<4
>C16-C21 Aliphatics	mg/kg	---	15	9	<7	<7	12	<7	24	42
>C21-C35 Aliphatics	mg/kg	---	71	69	<7	<7	23	30	132	121
>C35-C40 Aliphatics	mg/kg	---	---	---	---	---	---	<7	8	9

Land West of Warrenby Made Ground Soil



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
		LWW-SP559-S1	LWW-SP564-S1	LWW-SP565-S1	LWW-SP566-S7	LWW-SP566-S7	LWW-SP567-S1	LWW-SP568-S1	LWW-SP569-S1	LWW-SP570-S1
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		24-250-99-080324	24-250-115-110324	24-250-122-250424	24-250-168-090424	24-250-168-090424	24-250-164-280324	24-250-164-280324	24-250-164-280324	24-250-164-280324
		21 Feb 2024	04 Mar 2024	06 Mar 2024	20 Mar 2024	20 Mar 2024	18 Mar 2024	18 Mar 2024	18 Mar 2024	18 Mar 2024
	Depth	0	0	0	0	0	0	0	0	0
Metals										
Aluminium	mg/kg	35,230	71,390	80,720	21,490	---	13,320	44,710	79,910	84,600
Antimony	mg/kg	---	---	---	<20	---	---	---	---	---
Arsenic	mg/kg	13.7	8.9	5.4	16.8	---	<10	23.1	11.9	10.1
Barium	mg/kg	431	568	---	359	---	233	600	877	831
Boron	mg/kg	3.1	3.9	6.6	2.1	---	1.6	2.2	4.4	3.8
Cadmium	mg/kg	0.2	<0.1	<0.1	<2	---	<2	<2	<2	<2
Calcium	mg/kg	130,000	211,700	---	76,010	---	178,200	158,200	174,000	184,900
Chromium (hexavalent)	mg/kg	<0.3	<0.3	<0.3	<0.3	---	<0.3	<0.3	<0.3	<0.3
Chromium	mg/kg	44.5	94.2	23	47.5	---	384.9	433.8	20.6	13.5
Copper	mg/kg	22	18	6	39	---	23	92	<20	<20
Iron	mg/kg	25,520	25,910	6,037	33,960	---	103,600	87,990	10,150	10,380
Lead	mg/kg	63	20	<5	107	---	<100	220	<100	<100
Magnesium	mg/kg	19,700	31,920	---	13,670	---	22,480	29,100	36,500	36,590
Manganese	mg/kg	1,823	4,156	---	3,070	---	18,040	8,739	4,522	4,537
Mercury	mg/kg	<0.1	<0.1	0.4	<2	---	<2	<2	<2	<2
Molybdenum	mg/kg	---	---	---	2.7	---	---	---	---	---
Nickel	mg/kg	8.8	6.7	1.4	<14	---	16.2	47.5	<14	<14
Potassium	mg/kg	2,041	3,103	---	1,568	---	950	5,827	4,033	3,441
Selenium	mg/kg	---	---	---	<20	---	---	---	---	---
Silicon	mg/kg	---	---	---	134.1	---	---	---	---	---
Sodium	mg/kg	1,563	2,409	---	585	---	512	2,030	1,528	1,438
Vanadium	mg/kg	100	243	66	179	---	3,106	698	100	129
Zinc	mg/kg	303	134	25	233	---	229	1,317	<100	<100
Asbestos										
Total Gravimetric Quantification (ACM + Detailed) (% Asb)	mass %	---	---	---	---	---	---	---	---	---
Asbestos Quantification - Detailed Gravimetric	%	---	---	---	---	---	---	---	---	---
Asbestos Containing Material	Detect	0	0	0	0	---	1	0	0	0
Total Detailed Gravimetric Quantification (% Asb)	mass %	---	---	---	---	---	0.24	0.004	---	---
Asbestos Containing Material (2)	None	---	---	---	---	---	1	0	---	---
Asbestos Type	None	0	0	0	0	---	1	1	0	0
Asbestos Containing Material (3)	None	---	---	---	---	---	---	---	---	---
Asbestos Type 2	None	---	---	---	---	---	1	1	---	---
Asbestos Type 3	None	---	---	---	---	---	---	---	---	---
Asbestos fibres	Detect	0	0	0	0	---	1	1	0	0
Asbestos Fibres (2)	None	---	---	---	---	---	1	1	---	---
Asbestos Gravimetric Quantification	%	---	---	---	---	---	0.24	0.004	---	---
General Description (Bulk Analysis)	None	1	1	1	1	---	1	1	1	1
Asbestos Fibres (3)	None	---	---	---	---	---	---	---	---	---
Quantification of Asbestos Fib										
Total ACM Gravimetric Quantification (% Asb)	mass %	---	---	---	---	---	<0.001	<0.001	---	---
Inorganics										
Inorganic Nitrogen	mg/kg	3.2	<2.5	<2.5	<2.5	---	<2.5	<2.5	<2.5	<2.5
Ammoniacal Nitrogen as N	mg/kg	3.1	0.8	<0.6	<0.6	---	<0.6	<0.6	<0.6	1
Chloride	mg/kg	---	---	---	35	---	---	---	---	---
Colour	None	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	<0.5	<0.5	<0.5	<0.5	---	<0.5	<0.5	<0.5	<0.5
Cyanide Total	mg/kg	<0.5	1.4	<0.5	0.5	---	<0.5	1	<0.5	<0.5
Cyanide (Complex)	mg/kg	<0.5	1.4	<0.5	0.5	---	<0.5	1	<0.5	<0.5
Nitrate (as NO3-)	mg/kg	<2.5	<2.5	<2.5	<2.5	---	<2.5	<2.5	<2.5	<2.5
Nitrite (as NO2-)	mg/kg	0.16	0.39	<0.05	<0.05	---	0.16	0.33	<0.05	0.36
Sulphate	mg/kg	13,810	33,290	22,020	5,748	---	5,915	11,230	30,760	32,940
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	1.3987	1.4724	0.8116	0.9854	---	0.4648	1.1309	0.8828	1.5978
Phosphorus	mg/kg	550	1,440	---	---	---	7,337	5,316	234	276
Sulphate as S	mg/kg	---	---	---	---	---	---	---	---	---
Sulphate (Soluble)	mg/l	---	---	---	---	---	---	---	---	---
Sulphur as S	%	0.7	0.84	0.79	0.27	---	0.19	0.44	0.62	0.71
Sulphide	mg/kg	<10	<10	<10	<10	---	<10	<10	<10	<10
Thiocyanate (as SCN)	mg/kg	<0.6	<0.6	<0.6	<0.6	---	<0.6	<0.6	<0.6	<0.6
Ortho phosphate as PO4	mg/kg	<0.3	<0.3	<0.3	<0.3	---	<0.3	<0.3	<0.3	<0.3
TPH CWG										
>C5-C6 Aliphatics	mg/kg	<0.1	<0.1	<0.1	<0.1	---	<0.1	<0.1	<0.1	<0.1
>C6-C8 Aliphatics	mg/kg	<0.1	<0.1	<0.1	<0.1	---	<0.1	<0.1	<0.1	<0.1
>C8-C10 Aliphatics	mg/kg	<0.1	<0.1	<0.1	<0.1	---	<0.1	<0.1	<0.1	<0.1
>C10-C12 Aliphatics	mg/kg	<0.2	<0.2	<0.2	<0.2	---	<0.2	<0.2	<0.2	<0.2
>C12-C16 Aliphatics	mg/kg	<4	<4	<4	<4	---	<4	<4	<4	<4
>C16-C21 Aliphatics	mg/kg	<7	16	23	29	---	12	11	8	8
>C21-C35 Aliphatics	mg/kg	<7	98	144	65	---	72	104	65	158
>C35-C40 Aliphatics	mg/kg	<7	<7	---	---	---	<7	<7	<7	25

Land West of Warrenby Made Ground Soil



Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP571-S1	LWW-SP572-S1	LWW-SP572-S1	LWW-SP574-S1	LWW-SP579-S1	LWW-SP579-S1	LWW-SP582-S1	LWW-SP583-S1	LWW-SP584-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-250-191-090424	24-250-191-090424	24-250-191-100424	24-250-222-220424	24-250-238-030524	24-5353-53-140624	24-250-238-030524	24-250-235-010524	24-250-238-030524
Date		26 Mar 2024	26 Mar 2024	26 Mar 2024	12 Apr 2024	23 Apr 2024		23 Apr 2024	23 Apr 2024	23 Apr 2024
Depth		0	0	0	0	0		0	0	0
	Unit									
Metals										
Aluminium	mg/kg	9,466	10,310	---	67,210	69,910	---	25,620	26,830	34,600
Antimony	mg/kg	---	---	---	---	---	---	---	---	---
Arsenic	mg/kg	17.9	<10	---	16.6	14.9	---	37.1	22.8	22.6
Barium	mg/kg	169	690	---	519	529	---	452	631	703
Boron	mg/kg	1.6	2.1	---	2.6	4.8	---	4.4	2.8	3.9
Cadmium	mg/kg	2.4	<2	---	<2	<2	---	<2	<2	<2
Calcium	mg/kg	68,720	133,600	---	169,400	198,400	---	167,800	126,700	177,100
Chromium (hexavalent)	mg/kg	<0.3	<0.3	---	<0.3	<0.3	---	<0.3	<0.3	<0.3
Chromium	mg/kg	63.8	1,091	---	113.8	68.4	---	382.7	470.9	679.7
Copper	mg/kg	39	<20	---	<20	<20	---	47	36	34
Iron	mg/kg	40,190	186,700	---	31,770	30,530	---	98,550	191,700	112,700
Lead	mg/kg	223	<100	---	112	<100	---	244	<100	<100
Magnesium	mg/kg	11,320	25,610	---	31,530	31,330	---	23,490	21,850	27,890
Manganese	mg/kg	3,820	17,530	---	4,396	3,618	---	11,670	11,540	12,200
Mercury	mg/kg	<2	<2	---	<2	<2	---	<2	<2	<2
Molybdenum	mg/kg	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	19.8	39.5	---	15	<14	---	33.9	30	27.8
Potassium	mg/kg	793	865	---	4,283	3,907	---	2,054	1,675	2,461
Selenium	mg/kg	---	---	---	---	---	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---	---
Sodium	mg/kg	470	314	---	2,432	1,960	---	1,029	1,092	1,188
Vanadium	mg/kg	179	1,478	---	242	200	---	1,079	712	1,082
Zinc	mg/kg	950	227	---	131	126	---	582	201	272
Asbestos										
Total Gravimetric Quantification (ACM + Detailed) (% Asb)	mass %	---	---	---	---	<0.001	---	<0.001	<0.001	0.001
Asbestos Quantification - Detailed Gravimetric	%	---	---	---	<0.001	<0.001	---	<0.001	<0.001	0.001
Asbestos Containing Material	Detect	0	0	---	0	0	---	0	0	0
Total Detailed Gravimetric Quantification (% Asb)	mass %	---	---	---	<0.001	---	---	---	---	---
Asbestos Containing Material (2)	None	---	---	---	0	0	---	---	---	0
Asbestos Type	None	0	0	---	1	1	---	1	1	1
Asbestos Containing Material (3)	None	---	---	---	---	---	---	---	---	0
Asbestos Type 2	None	---	---	---	1	1	---	---	---	1
Asbestos Type 3	None	---	---	---	---	---	---	---	---	1
Asbestos fibres	Detect	0	0	---	1	1	---	1	1	1
Asbestos Fibres (2)	None	---	---	---	1	1	---	---	---	1
Asbestos Gravimetric Quantification	%	---	---	---	---	---	---	---	---	---
General Description (Bulk Analysis)	None	1	1	---	1	1	---	1	1	1
Asbestos Fibres (3)	None	---	---	---	---	---	---	---	---	1
Quantification of Asbestos Fib										
Total ACM Gravimetric Quantification (% Asb)	mass %	---	---	---	<0.001	<0.001	---	<0.001	<0.001	<0.001
Inorganics										
Inorganic Nitrogen	mg/kg	<2.5	<2.5	---	<2.5	<2.5	---	<2.5	<2.5	<2.5
Ammoniacal Nitrogen as N	mg/kg	<0.6	<0.6	---	0.9	<0.6	---	<0.6	<0.6	<0.6
Chloride	mg/kg	---	---	---	---	---	---	---	---	---
Colour	None	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	<0.5	<0.5	---	<0.5	<0.5	---	<0.5	<0.5	<0.5
Cyanide Total	mg/kg	<0.5	<0.5	---	<0.5	<0.5	---	<0.5	2.6	0.5
Cyanide (Complex)	mg/kg	<0.5	<0.5	---	<0.5	<0.5	---	<0.5	2.6	0.5
Nitrate (as NO3-)	mg/kg	<2.5	<2.5	---	<2.5	<2.5	---	<2.5	<2.5	<2.5
Nitrite (as NO2-)	mg/kg	<0.05	0.46	---	<0.05	<0.05	---	0.43	0.39	0.3
Sulphate	mg/kg	5,277	5,258	---	13,540	38,980	---	12,110	8,250	9,528
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	1.4537	0.0323	---	1.3786	1.3254	---	1.3288	0.5201	0.9427
Phosphorus	mg/kg	1,377	10,220	---	1,095	1,334	---	10,090	4,685	9,456
Sulphate as S	mg/kg	---	---	---	---	---	---	---	---	---
Sulphate (Soluble)	mg/l	---	---	---	---	---	---	---	---	---
Sulphur as S	%	0.14	0.17	---	0.72	0.75	---	0.42	0.3	0.4
Sulphide	mg/kg	<10	<10	---	<10	<10	---	<10	<10	<10
Thiocyanate (as SCN)	mg/kg	<0.6	<0.6	---	<0.6	<0.6	---	<0.6	<0.6	<0.6
Ortho phosphate as PO4	mg/kg	<0.3	<0.3	---	<0.3	<0.3	---	<0.3	<0.3	<0.3
TPH CWG										
>C5-C6 Aliphatics	mg/kg	<0.1	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>C6-C8 Aliphatics	mg/kg	<0.1	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>C8-C10 Aliphatics	mg/kg	<0.1	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>C10-C12 Aliphatics	mg/kg	<1	<1	---	<1	<1	<1	<1	<1	<1
>C12-C16 Aliphatics	mg/kg	<20	<20	---	<20	<20	<20	<20	<20	<20
>C16-C21 Aliphatics	mg/kg	<35	74	---	<35	116	<35	<35	<35	<35
>C21-C35 Aliphatics	mg/kg	76	203	---	<35	379	<35	178	<35	123
>C35-C40 Aliphatics	mg/kg	<35	<35	---	<35	<35	<35	<35	<35	<35

Land West of Warrenby Made Ground Soil



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
		LWW-SP584-S1	LWW-SP585-S1	LWW-SP585-S1	LWW-SP587-S1	LWW-SP588-S1	LWW-SP589-S1	LWW-SP590-S1	LWW-SP590-S1	LWW-SP590-S1
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		24-5353-53-140624	24-250-238-030524	24-250-238-080524	24-250-244-100524	24-250-261-150524	24-250-268-290524	24-250-271-050624	24-250-271-310524	24-5353-48-140624
		23 Apr 2024	23 Apr 2024	23 Apr 2024	26 Apr 2024	07 May 2024	10 May 2024	13 May 2024	13 May 2024	
Metals	Unit									
Aluminium	mg/kg	---	80,080	---	80,370	62,370	53,070	---	21,980	---
Antimony	mg/kg	---	---	---	---	---	---	---	---	---
Arsenic	mg/kg	---	15.4	---	15.1	58.1	24.8	---	17.6	---
Barium	mg/kg	---	590	---	754	439	463	---	547	---
Boron	mg/kg	---	3.7	---	5.6	4.3	3.7	---	2.8	---
Cadmium	mg/kg	---	<0.1	---	<2	<2	<2	---	<2	---
Calcium	mg/kg	---	217,200	---	214,800	152,200	170,800	---	186,500	---
Chromium (hexavalent)	mg/kg	---	<0.3	---	<0.3	<0.3	<0.3	---	<0.3	---
Chromium	mg/kg	---	153.6	---	84.1	50.5	155.9	---	648	---
Copper	mg/kg	---	13	---	<20	37	57	---	70	---
Iron	mg/kg	---	24,180	---	24,460	120,800	42,330	---	156,800	---
Lead	mg/kg	---	<5	---	<100	<100	<100	---	231	---
Magnesium	mg/kg	---	35,290	---	36,920	25,500	26,790	---	25,650	---
Manganese	mg/kg	---	4,164	---	4,179	2,324	4,299	---	32,680	---
Mercury	mg/kg	---	0.2	---	<2	<2	<2	---	<2	---
Molybdenum	mg/kg	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	---	3.1	---	<14	64.9	19.7	---	41.3	---
Potassium	mg/kg	---	5,164	---	4,742	3,305	3,180	---	1,588	---
Selenium	mg/kg	---	---	---	---	---	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---	---
Sodium	mg/kg	---	3,698	---	2,762	1,528	1,911	---	938	---
Vanadium	mg/kg	---	247	---	211	146	388	---	1,739	---
Zinc	mg/kg	---	13	---	104	254	136	---	693	---
Asbestos										
Total Gravimetric Quantification (ACM + Detailed) (% Asb)	mass %	---	---	---	---	<0.001	---	---	0.001	---
Asbestos Quantification - Detailed Gravimetric	%	---	---	---	---	<0.001	---	---	0.001	---
Asbestos Containing Material	Detect	---	0	---	0	0	0	---	0	---
Total Detailed Gravimetric Quantification (% Asb)	mass %	---	---	---	---	---	---	---	---	---
Asbestos Containing Material (2)	None	---	---	---	---	---	---	---	0	---
Asbestos Type	None	---	0	---	0	1	0	---	1	---
Asbestos Containing Material (3)	None	---	---	---	---	---	---	---	---	---
Asbestos Type 2	None	---	---	---	---	---	---	---	1	---
Asbestos Type 3	None	---	---	---	---	---	---	---	---	---
Asbestos fibres	Detect	---	0	---	0	1	0	---	1	---
Asbestos Fibres (2)	None	---	---	---	---	---	---	---	1	---
Asbestos Gravimetric Quantification	%	---	---	---	---	---	---	---	---	---
General Description (Bulk Analysis)	None	---	1	---	1	1	1	---	1	---
Asbestos Fibres (3)	None	---	---	---	---	---	---	---	---	---
Quantification of Asbestos Fib										
Total ACM Gravimetric Quantification (% Asb)	mass %	---	---	---	---	<0.001	---	---	<0.001	---
Inorganics										
Inorganic Nitrogen	mg/kg	---	<2.5	---	2.5	<2.5	<2.5	---	<2.5	---
Ammoniacal Nitrogen as N	mg/kg	---	<0.6	---	2.5	<0.6	0.6	---	<0.6	---
Chloride	mg/kg	---	---	---	---	---	---	---	---	---
Colour	None	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	<0.5	---	<0.5	<0.5	<0.5	---	<0.5	---
Cyanide Total	mg/kg	---	<0.5	---	<0.5	<0.5	<0.5	---	8.2	---
Cyanide (Complex)	mg/kg	---	<0.5	---	<0.5	<0.5	<0.5	---	8.2	---
Nitrate (as NO3-)	mg/kg	---	<2.5	---	<2.5	<2.5	<2.5	---	<2.5	---
Nitrite (as NO2-)	mg/kg	---	<0.05	---	<0.05	0.2	0.2	---	0.59	---
Sulphate	mg/kg	---	9,101	---	32,370	19,420	24,590	---	6,799	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	0.7828	---	1.4903	2.0938	---	---	---	---
Phosphorus	mg/kg	---	640	---	1,691	824	3,099	---	8,459	---
Sulphate as S	mg/kg	---	---	---	---	---	---	---	---	---
Sulphate (Soluble)	mg/l	---	---	---	---	---	1,201.8	---	11.5	---
Sulphur as S	%	---	0.88	---	1.07	0.78	0.65	---	0.27	---
Sulphide	mg/kg	---	<10	---	<10	<10	<10	---	<10	---
Thiocyanate (as SCN)	mg/kg	---	<0.6	---	<0.6	<0.6	<0.6	---	<0.6	---
Ortho phosphate as PO4	mg/kg	---	<0.3	---	<0.3	<0.3	3.2	---	<0.3	---
TPH CWG										
>C5-C6 Aliphatics	mg/kg	<0.1	<0.1	---	<0.1	<0.1	<0.1	---	<0.1	<0.1
>C6-C8 Aliphatics	mg/kg	<0.1	<0.1	---	<0.1	<0.1	<0.1	---	<0.1	<0.1
>C8-C10 Aliphatics	mg/kg	<0.1	<0.1	---	<0.1	<0.1	<0.1	---	<0.1	<0.1
>C10-C12 Aliphatics	mg/kg	<1	<1	---	<1	<1	<1	---	<1	<1
>C12-C16 Aliphatics	mg/kg	<20	<20	---	<20	<20	<20	---	<20	<20
>C16-C21 Aliphatics	mg/kg	<35	76	---	<35	<35	<35	---	<35	<35
>C21-C35 Aliphatics	mg/kg	165	652	---	<35	<35	166	---	<35	<35
>C35-C40 Aliphatics	mg/kg	<35	<35	---	<35	<35	<35	---	<35	<35



Land West of Warrenby Made Ground Soil

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
		LWW-SP591-S1	LWW-SP592-S1	LWW-SP592-S1	LWW-SP594-S1	LWW-SP595-S1	LWW-SP595-S1	LWW-SP596-S1	LWW-SP596-S1	LWW-SP597-S1
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		24-250-281-030624	24-250-281-030624	24-5353-66-030724	24-250-308-170624	24-250-308-170624	24-250-308-190624	24-250-308-170624	24-250-308-190624	24-250-314-170624
		16 May 2024	20 May 2024		30 May 2024	30 May 2024	30 May 2024	30 May 2024	30 May 2024	03 Jun 2024
Metals	Unit	0	0		0	0	0	0	0	
Aluminium	mg/kg	59,290	57,990	---	40,450	20,020	---	22,610	---	23,420
Antimony	mg/kg	---	---	---	---	---	---	---	---	---
Arsenic	mg/kg	17.9	16.5	---	16.7	28.1	---	35.6	---	15.6
Barium	mg/kg	498	423	---	428	469	---	899	---	846
Boron	mg/kg	5.1	4.2	---	1.9	4	---	3.1	---	4.5
Cadmium	mg/kg	<2	<2	---	<2	<2	---	<2	---	<2
Calcium	mg/kg	182,600	154,000	---	177,000	151,600	---	193,300	---	177,800
Chromium (hexavalent)	mg/kg	<0.3	<0.3	---	<0.3	<0.3	---	<0.3	---	<0.3
Chromium	mg/kg	76.8	47.7	---	343.4	1,060	---	1,235	---	814
Copper	mg/kg	<20	30	---	52	101	---	124	---	69
Iron	mg/kg	38,900	32,010	---	70,930	185,300	---	115,700	---	102,900
Lead	mg/kg	<100	<100	---	104	261	---	597	---	112
Magnesium	mg/kg	32,460	28,360	---	25,370	27,040	---	34,510	---	39,630
Manganese	mg/kg	4,111	2,543	---	10,020	22,590	---	21,690	---	19,300
Mercury	mg/kg	<2	<2	---	<2	<2	---	<2	---	<2
Molybdenum	mg/kg	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	17.1	16.3	---	23.5	52.4	---	43.2	---	31.7
Potassium	mg/kg	4,557	3,578	---	2,021	1,849	---	1,524	---	1,587
Selenium	mg/kg	---	---	---	---	---	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---	---
Sodium	mg/kg	1,950	1,223	---	1,090	785	---	747	---	1,144
Vanadium	mg/kg	273	104	---	845	2,032	---	1,889	---	1,343
Zinc	mg/kg	145	217	---	269	786	---	728	---	272
Asbestos										
Total Gravimetric Quantification (ACM + Detailed) (% Asb)	mass %	<0.001	---	---	<0.001	0.002	---	0.003	---	<0.001
Asbestos Quantification - Detailed Gravimetric	%	<0.001	---	---	<0.001	0.002	---	0.003	---	<0.001
Asbestos Containing Material	Detect	0	0	---	0	0	---	0	---	0
Total Detailed Gravimetric Quantification (% Asb)	mass %	---	---	---	---	---	---	---	---	---
Asbestos Containing Material (2)	None	---	---	---	0	0	---	---	---	---
Asbestos Type	None	1	0	---	1	1	---	1	---	1
Asbestos Containing Material (3)	None	---	---	---	---	---	---	---	---	---
Asbestos Type 2	None	---	---	---	1	1	---	---	---	---
Asbestos Type 3	None	---	---	---	---	---	---	---	---	---
Asbestos fibres	Detect	1	0	---	1	1	---	1	---	1
Asbestos Fibres (2)	None	---	---	---	1	1	---	---	---	---
Asbestos Gravimetric Quantification	%	---	---	---	---	---	---	---	---	---
General Description (Bulk Analysis)	None	1	1	---	1	1	---	1	---	1
Asbestos Fibres (3)	None	---	---	---	---	---	---	---	---	---
Quantification of Asbestos Fib										
Total ACM Gravimetric Quantification (% Asb)	mass %	<0.001	---	---	<0.001	<0.001	---	<0.001	---	<0.001
Inorganics										
Inorganic Nitrogen	mg/kg	<2.5	<2.5	---	<2.5	<2.5	---	<2.5	---	<2.5
Ammoniacal Nitrogen as N	mg/kg	<0.6	<0.6	---	<0.6	<0.6	---	<0.6	---	<0.6
Chloride	mg/kg	---	---	---	---	---	---	---	---	---
Colour	None	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	<0.5	<0.5	---	<0.5	<0.5	---	<0.5	---	<0.5
Cyanide Total	mg/kg	<0.5	<0.5	---	3.7	12.4	---	0.6	---	<0.5
Cyanide (Complex)	mg/kg	<0.5	<0.5	---	3.7	12.4	---	0.6	---	<0.5
Nitrate (as NO3-)	mg/kg	<2.5	<2.5	---	<2.5	<2.5	---	<2.5	---	<2.5
Nitrite (as NO2-)	mg/kg	0.3	<0.05	---	<0.05	2.53	---	0.46	---	1.08
Sulphate	mg/kg	9,891	17,320	---	12,550	7,619	---	8,952	---	8,461
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---	---	---
Phosphorus	mg/kg	1,307	630	---	8,950	11,080	---	16,510	---	11,250
Sulphate as S	mg/kg	---	---	---	---	---	---	---	---	---
Sulphate (Soluble)	mg/l	1,075	1,282.4	---	1,322.1	6.9	---	328	---	401.1
Sulphur as S	%	0.61	0.71	---	0.56	0.28	---	0.34	---	0.36
Sulphide	mg/kg	<10	<10	---	<10	<10	---	<10	---	<10
Thiocyanate (as SCN)	mg/kg	<0.6	<0.6	---	<0.6	0.9	---	<0.6	---	<0.6
Ortho phosphate as PO4	mg/kg	<0.3	4.4	---	<0.3	<0.3	---	<0.3	---	<0.3
TPH CWG										
>C5-C6 Aliphatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	---	<0.1	---	<0.1
>C6-C8 Aliphatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	---	<0.1	---	<0.1
>C8-C10 Aliphatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	---	<0.1	---	<0.1
>C10-C12 Aliphatics	mg/kg	<1	<1	<1	<0.2	<0.2	---	<0.2	---	<0.2
>C12-C16 Aliphatics	mg/kg	<20	<20	<20	20	14	---	11	---	<4
>C16-C21 Aliphatics	mg/kg	<35	<35	<35	108	52	---	42	---	<7
>C21-C35 Aliphatics	mg/kg	134	<35	<35	304	192	---	104	---	<7
>C35-C40 Aliphatics	mg/kg	<35	<35	<35	25	31	---	<7	---	<7

Land West of Warrenby Made Ground Soil



Matrix Description Location Code Matrix Type Lab Report Number Date Depth		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
		LWW-SP597-S1	LWW-SP598-S1	LWW-SP598-S1	LWW-SP599-S1	LWW-SP603-S8	LWW-SP603-S8	LWW-SP604-S6	LWW-SP604-S6
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		24-250-314-190624	24-250-335-110724	24-250-335-190624	24-250-327-190624	23-9664-112-031023	23-9664-112-290923	23-9664-112-031023	23-9664-112-290923
		03 Jun 2024	13 Jun 2024	13 Jun 2024	06 Jun 2024	20 Sep 2023	20 Sep 2023	20 Sep 2023	20 Sep 2023
		0							
	Unit								
Metals									
Aluminium	mg/kg	---	---	62,420	29,490	29,910	---	26,680	---
Antimony	mg/kg	---	---	---	---	---	---	---	---
Arsenic	mg/kg	---	---	23.7	19.7	44.3	---	35.9	---
Barium	mg/kg	---	---	442	996	---	---	---	---
Boron	mg/kg	---	---	5.3	3.3	---	2.8	---	2.3
Cadmium	mg/kg	---	---	<2	2.4	4	---	3.3	---
Calcium	mg/kg	---	---	203,700	156,200	126,100	---	87,210	---
Chromium (hexavalent)	mg/kg	---	---	<0.3	<0.3	---	<0.3	---	<0.3
Chromium	mg/kg	---	---	108.3	701.7	236	---	172.6	---
Copper	mg/kg	---	---	29	59	133	---	125	---
Iron	mg/kg	---	---	71,090	82,190	108,700	---	79,030	---
Lead	mg/kg	---	---	<100	273	363	---	428	---
Magnesium	mg/kg	---	---	31,270	24,850	25,410	---	17,430	---
Manganese	mg/kg	---	---	4,308	18,470	6,473	---	5,694	---
Mercury	mg/kg	---	---	<2	<2	0.1	---	<0.1	---
Molybdenum	mg/kg	---	---	---	---	---	---	---	---
Nickel	mg/kg	---	---	31.9	33.1	53.9	---	46.6	---
Potassium	mg/kg	---	---	2,531	2,207	2,765	---	3,206	---
Selenium	mg/kg	---	---	---	---	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---
Sodium	mg/kg	---	---	1,574	1,150	1,443	---	1,250	---
Vanadium	mg/kg	---	---	475	1,379	---	415	---	415
Zinc	mg/kg	---	---	<100	631	1,203	---	945	---
Asbestos									
Total Gravimetric Quantification (ACM + Detailed) (% Asb)	mass %	---	---	---	---	---	<0.001	---	0.001
Asbestos Quantification - Detailed Gravimetric	%	---	---	---	---	---	---	---	---
Asbestos Containing Material	Detect	---	---	0	0	---	0	---	1
Total Detailed Gravimetric Quantification (% Asb)	mass %	---	---	---	---	---	<0.001	---	0.001
Asbestos Containing Material (2)	None	---	---	---	---	---	0	---	1
Asbestos Type	None	---	---	0	0	---	1	---	1
Asbestos Containing Material (3)	None	---	---	---	---	---	---	---	---
Asbestos Type 2	None	---	---	---	---	---	1	---	1
Asbestos Type 3	None	---	---	---	---	---	---	---	---
Asbestos fibres	Detect	---	---	0	0	---	1	---	1
Asbestos Fibres (2)	None	---	---	---	---	---	1	---	1
Asbestos Gravimetric Quantification	%	---	---	---	---	---	---	---	---
General Description (Bulk Analysis)	None	---	---	1	1	---	1	---	1
Asbestos Fibres (3)	None	---	---	---	---	---	---	---	---
Quantification of Asbestos Fib									
Total ACM Gravimetric Quantification (% Asb)	mass %	---	---	---	---	---	<0.001	---	<0.001
Inorganics									
Inorganic Nitrogen	mg/kg	---	---	<2.5	<2.5	---	<2.5	---	<2.5
Ammoniacal Nitrogen as N	mg/kg	---	---	<0.6	<0.6	---	<0.6	---	<0.6
Chloride	mg/kg	---	---	---	---	---	---	---	---
Colour	None	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	---	<0.5	<0.5	---	<0.5	---	<0.5
Cyanide Total	mg/kg	---	---	0.6	<0.5	---	2.5	---	2.4
Cyanide (Complex)	mg/kg	---	---	0.6	<0.5	---	2.5	---	2.4
Nitrate (as NO3-)	mg/kg	---	---	<2.5	<2.5	---	<2.5	---	<2.5
Nitrite (as NO2-)	mg/kg	---	---	<0.05	0.2	---	<0.05	---	<0.05
Sulphate	mg/kg	---	---	21,520	13,960	---	5,426	---	4,226
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	0.8927	---	0.5521
Phosphorus	mg/kg	---	---	3,821	15,130	---	---	---	---
Sulphate as S	mg/kg	---	---	---	---	---	---	---	---
Sulphate (Soluble)	mg/l	---	---	1,427.1	1,061.8	---	---	---	---
Sulphur as S	%	---	---	0.8	0.67	---	0.42	---	0.25
Sulphide	mg/kg	---	---	<10	<10	---	<10	---	<10
Thiocyanate (as SCN)	mg/kg	---	---	<0.6	<0.6	---	<0.6	---	<0.6
Ortho phosphate as PO4	mg/kg	---	---	<0.3	<0.3	---	<0.3	---	<0.3
TPH CWG									
>C5-C6 Aliphatics	mg/kg	---	---	<0.1	<0.1	---	<0.1	---	<0.1
>C6-C8 Aliphatics	mg/kg	---	---	<0.1	<0.1	---	<0.1	---	<0.1
>C8-C10 Aliphatics	mg/kg	---	---	<0.1	<0.1	---	<0.1	---	<0.1
>C10-C12 Aliphatics	mg/kg	---	---	<1	<1	---	<0.2	---	<0.2
>C12-C16 Aliphatics	mg/kg	---	---	<20	<20	---	<4	---	<4
>C16-C21 Aliphatics	mg/kg	---	---	<35	<35	---	25	---	26
>C21-C35 Aliphatics	mg/kg	---	---	137	<35	---	136	---	123
>C35-C40 Aliphatics	mg/kg	---	---	<35	<35	---	---	---	---

Land West of Warrenby Made Ground Soil



Matrix Description Location Code Matrix Type Lab Report Number Date Depth		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND					
		LWW-SP605-S2		LWW-SP607-S3		LWW-SP607-S13		LWW-SP608-S1		LWW-SP612-S1		LWW-SP613-S1		LWW-SP616-S1		LWW-SP617-S1	
		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
		23-9664-121-161023		23-9664-162-301023		23-9664-164-201123		23-9664-164-311023		23-9664-204-301123		23-9664-204-301123		23-9664-220-081223		23-9664-226-040124	
27 Sep 2023		23 Oct 2023		09 Nov 2023		24 Oct 2023		22 Nov 2023		22 Nov 2023		22 Nov 2023		30 Nov 2023		04 Dec 2023	
0		0		0		0		0		0		0		0		0	
	Unit																
Metals																	
Aluminium	mg/kg	27,650	37,930	28,820	34,620	29,720	19,720	22,310	17,970								
Antimony	mg/kg	---	---	---	---	---	---	---	---								
Arsenic	mg/kg	28.7	---	39.4	37.9	28.9	27	50.9	52.5								
Barium	mg/kg	---	---	---	---	---	---	---	342								
Boron	mg/kg	3	---	3.2	2	2.4	2.4	2.5	1.9								
Cadmium	mg/kg	<0.1	---	<0.1	1.6	0.4	<0.1	2.4	4.1								
Calcium	mg/kg	148,700	159,600	109,500	118,300	181,500	118,000	123,700	127,900								
Chromium (hexavalent)	mg/kg	<0.3	---	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3								
Chromium	mg/kg	482.5	---	105.6	200.3	388.4	207.1	350.2	298.2								
Copper	mg/kg	116	---	112	192	72	101	126	91								
Iron	mg/kg	125,400	83,570	99,850	93,090	82,070	120,900	104,200	76,920								
Lead	mg/kg	138	198	214	363	152	242	509	406								
Magnesium	mg/kg	30,050	28,790	20,610	24,010	30,910	18,610	22,870	21,640								
Manganese	mg/kg	9,039	7,763	6,537	8,278	9,254	5,609	7,169	5,030								
Mercury	mg/kg	<0.1	---	0.2	0.1	<0.1	0.1	<0.1	0.4								
Molybdenum	mg/kg	---	---	---	---	---	---	---	---								
Nickel	mg/kg	42.6	---	49	55	22.9	40.7	40.6	44.4								
Potassium	mg/kg	1,650	1,952	2,483	3,512	2,197	1,929	2,162	2,114								
Selenium	mg/kg	---	---	---	---	---	---	---	---								
Silicon	mg/kg	---	---	---	---	---	---	---	---								
Sodium	mg/kg	876	1,269	1,261	1,539	970	767	1,153	900								
Vanadium	mg/kg	840	440	401	366	1,771	690	851	1,076								
Zinc	mg/kg	419	552	924	1,281	439	594	1,113	929								
Asbestos																	
Total Gravimetric Quantification (ACM + Detailed) (% Asb)	mass %	<0.001	0.017	0.018	0.048	---	---	---	0.013								
Asbestos Quantification - Detailed Gravimetric	%	---	---	---	---	---	---	---	---								
Asbestos Containing Material	Detect	0	0	0	0	0	0	0	0								
Total Detailed Gravimetric Quantification (% Asb)	mass %	<0.001	0.017	0.018	0.048	---	---	---	0.013								
Asbestos Containing Material (2)	None	0	0	0	0	---	---	---	0								
Asbestos Type	None	1	1	1	1	0	0	0	1								
Asbestos Containing Material (3)	None	---	---	0	---	---	---	---	---								
Asbestos Type 2	None	1	1	1	1	---	---	---	1								
Asbestos Type 3	None	---	---	1	---	---	---	---	---								
Asbestos fibres	Detect	1	1	1	1	0	0	0	1								
Asbestos Fibres (2)	None	1	1	1	1	---	---	---	1								
Asbestos Gravimetric Quantification	%	---	---	---	---	---	---	---	---								
General Description (Bulk Analysis)	None	1	1	1	1	1	1	1	1								
Asbestos Fibres (3)	None	---	---	1	---	---	---	---	---								
Quantification of Asbestos Fib																	
Total ACM Gravimetric Quantification (% Asb)	mass %	<0.001	<0.001	<0.001	<0.001	---	---	---	<0.001								
Inorganics																	
Inorganic Nitrogen	mg/kg	2.8	---	<2.5	<2.5	<2.5	3.5	<2.5	<2.5								
Ammoniacal Nitrogen as N	mg/kg	<0.6	---	<0.6	0.7	1.6	3.2	0.8	<0.6								
Chloride	mg/kg	---	---	---	---	---	---	---	---								
Colour	None	---	1	1	1	1	1	1	1								
Cyanide (Free)	mg/kg	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5								
Cyanide Total	mg/kg	2.4	---	1.3	7	<0.5	0.8	2.4	<0.5								
Cyanide (Complex)	mg/kg	2.4	---	1.3	7	<0.5	0.8	2.4	<0.5								
Nitrate (as NO3-)	mg/kg	12	---	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5								
Nitrite (as NO2-)	mg/kg	0.33	---	0.33	<0.05	0.59	0.95	1.15	0.76								
Sulphate	mg/kg	5,186	---	4,377	3,629	5,313	6,114	8,165	8,122								
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	1.0416	---	0.6193	1.3738	0.4218	0.7745	1.4949	1.2361								
Phosphorus	mg/kg	---	---	---	---	---	---	---	10,550								
Sulphate as S	mg/kg	---	---	---	---	---	---	---	---								
Sulphate (Soluble)	mg/l	---	---	---	---	---	---	---	---								
Sulphur as S	%	0.33	---	0.38	0.45	0.36	0.37	0.45	0.36								
Sulphide	mg/kg	<10	---	<10	<10	<10	<10	<10	<10								
Thiocyanate (as SCN)	mg/kg	<0.6	---	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6								
Ortho phosphate as PO4	mg/kg	<0.3	---	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3								
TPH CWG																	
>C5-C6 Aliphatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1								
>C6-C8 Aliphatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1								
>C8-C10 Aliphatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1								
>C10-C12 Aliphatics	mg/kg	6.4	---	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2								
>C12-C16 Aliphatics	mg/kg	20	---	<4	<4	<4	11	6	<4								
>C16-C21 Aliphatics	mg/kg	78	---	<7	43	28	189	107	44								
>C21-C35 Aliphatics	mg/kg	268	---	17	188	152	739	459	150								
>C35-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---								

Land West of Warrenby Made Ground Soil



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
		LWW-SP618-S1	LWW-SP619-S1	LWW-SP620-S1	LWW-SP621-S1	LWW-SP624-S13	LWW-SP628-S1	LWW-SP628-S1	LWW-SP628-S2	LWW-SP628-S2
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-9664-234-191223	23-9664-236-211223	24-250-12-240124	24-250-67-150224	24-250-173-040424	24-250-307-170624	24-5353-43-100624	24-250-313-180624	24-250-313-260624
		08 Dec 2023	11 Dec 2023	11 Jan 2024	07 Feb 2024	22 Mar 2024	31 May 2024	0	03 Jun 2024	03 Jun 2024
Metals	Unit	0							0	0
Aluminium	mg/kg	34,100	55,780	47,200	29,340	15,190	33,860	---	35,790	---
Antimony	mg/kg	---	---	---	---	---	---	---	---	---
Arsenic	mg/kg	29.9	24.1	19.3	16.9	49.1	13.7	---	36.9	---
Barium	mg/kg	818	639	888	487	---	754	---	684	---
Boron	mg/kg	4.3	3.9	3.6	2	1.7	4.8	---	2.9	---
Cadmium	mg/kg	<0.1	<0.1	0.4	<0.1	26.3	<2	---	<2	---
Calcium	mg/kg	155,400	176,600	136,300	152,200	---	175,800	---	165,300	---
Chromium (hexavalent)	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	---	<0.3	---
Chromium	mg/kg	367.4	244.6	496.1	861.6	1,423	185.8	---	630.9	---
Copper	mg/kg	103	84	53	40	191	22	---	59	---
Iron	mg/kg	109,100	72,560	48,540	80,120	---	73,140	---	124,900	---
Lead	mg/kg	291	167	176	128	2,898	140	---	219	---
Magnesium	mg/kg	27,740	34,540	21,710	27,490	---	37,360	---	24,220	---
Manganese	mg/kg	12,250	26,490	16,800	9,526	---	14,170	---	17,060	---
Mercury	mg/kg	<0.1	<0.1	<0.1	<0.1	<2	<2	---	<2	---
Molybdenum	mg/kg	---	---	---	---	---	---	---	---	---
Nickel	mg/kg	30.5	45.6	16.6	13.3	58.9	15.9	---	36.7	---
Potassium	mg/kg	2,216	4,671	1,498	1,978	---	2,951	---	2,129	---
Selenium	mg/kg	---	---	---	---	---	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---	---	---
Sodium	mg/kg	1,109	2,950	738	1,195	---	2,176	---	991	---
Vanadium	mg/kg	797	585	757	1,427	2,239	433	---	1,132	---
Zinc	mg/kg	700	292	287	231	4,860	255	---	566	---
Asbestos										
Total Gravimetric Quantification (ACM + Detailed) (% Asb)	mass %	---	---	<0.001	---	<0.001	---	---	---	---
Asbestos Quantification - Detailed Gravimetric	%	---	---	---	---	<0.001	---	---	---	---
Asbestos Containing Material	Detect	0	0	0	0	0	0	---	0	---
Total Detailed Gravimetric Quantification (% Asb)	mass %	---	---	<0.001	---	---	---	---	---	---
Asbestos Containing Material (2)	None	---	---	---	---	0	---	---	---	---
Asbestos Type	None	0	0	1	0	1	0	---	0	---
Asbestos Containing Material (3)	None	---	---	---	---	---	---	---	---	---
Asbestos Type 2	None	---	---	---	---	1	---	---	---	---
Asbestos Type 3	None	---	---	---	---	---	---	---	---	---
Asbestos fibres	Detect	0	0	1	0	1	0	---	0	---
Asbestos Fibres (2)	None	---	---	---	---	1	---	---	---	---
Asbestos Gravimetric Quantification	%	---	---	---	---	---	---	---	---	---
General Description (Bulk Analysis)	None	1	1	1	1	1	1	---	1	---
Asbestos Fibres (3)	None	---	---	---	---	---	---	---	---	---
Quantification of Asbestos Fib										
Total ACM Gravimetric Quantification (% Asb)	mass %	---	---	<0.001	---	<0.001	---	---	---	---
Inorganics										
Inorganic Nitrogen	mg/kg	<2.5	<2.5	<2.5	5.4	<2.5	<2.5	---	<2.5	---
Ammoniacal Nitrogen as N	mg/kg	0.9	0.7	2.3	1.9	<0.6	<0.6	---	1.2	---
Chloride	mg/kg	---	---	---	---	---	---	---	---	---
Colour	None	1	1	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5	---
Cyanide Total	mg/kg	0.9	2.3	0.7	<0.5	<0.5	0.5	---	2.7	---
Cyanide (Complex)	mg/kg	0.9	2.3	0.7	<0.5	<0.5	0.5	---	2.7	---
Nitrate (as NO3-)	mg/kg	<2.5	<2.5	<2.5	15.1	<2.5	<2.5	---	<2.5	---
Nitrite (as NO2-)	mg/kg	0.36	0.26	0.49	0.26	0.3	<0.05	---	0.39	---
Sulphate	mg/kg	8,348	17,830	15,820	13,610	6,651	19,390	---	8,315	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	1.0029	1.3706	1.3655	1.3786	0.6028	---	---	---	---
Phosphorus	mg/kg	6,445	3,600	5,051	9,777	---	3,094	---	5,314	---
Sulphate as S	mg/kg	---	---	---	---	---	---	---	---	---
Sulphate (Soluble)	mg/l	---	---	---	---	---	660.2	---	178.3	---
Sulphur as S	%	0.41	0.69	0.61	0.56	0.28	0.56	---	0.41	---
Sulphide	mg/kg	<10	<10	<10	<10	<10	<10	---	<10	---
Thiocyanate (as SCN)	mg/kg	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	---	<0.6	---
Ortho phosphate as PO4	mg/kg	2.2	<0.3	<0.3	<0.3	<0.3	<0.3	---	<0.3	---
TPH CWG										
>C5-C6 Aliphatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	---
>C6-C8 Aliphatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	---
>C8-C10 Aliphatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	---
>C10-C12 Aliphatics	mg/kg	<0.2	<0.6	<0.2	<0.2	<0.2	<0.2	<1	<0.2	---
>C12-C16 Aliphatics	mg/kg	<4	36	<4	<4	4	15	<20	<4	---
>C16-C21 Aliphatics	mg/kg	106	588	75	13	177	143	<35	<7	---
>C21-C35 Aliphatics	mg/kg	541	2,647	861	44	195	527	<35	<7	---
>C35-C40 Aliphatics	mg/kg	---	---	---	---	---	51	<35	<7	---

Land West of Warrenby Made Ground Soil



Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP638-S1	LWW-SP639-S1	LWW-SP641-S1	LWW-SP641-S1	LWW-SP651-S1	LWW-SP651-S1	LWW-SP651-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-250-281-030624	24-250-281-030624	24-250-313-180624	24-5353-45-120624	24-250-507-130924	24-5353-128-100924	24-5353-128-300924
Date		16 May 2024	16 May 2024	03 Jun 2024		29 Aug 2024	29 Aug 2024	29 Aug 2024
Depth		0	0	0				
	Unit							
Metals								
Aluminium	mg/kg	37,500	32,170	53,060	---	36,870	---	---
Antimony	mg/kg	---	---	---	---	---	---	---
Arsenic	mg/kg	18.9	101.3	35.6	---	43.6	---	---
Barium	mg/kg	517	499	608	---	409	---	---
Boron	mg/kg	2.4	4.6	2.7	---	---	---	---
Cadmium	mg/kg	<2	4	<2	---	4.3	---	---
Calcium	mg/kg	133,700	96,720	163,900	---	114,100	---	---
Chromium (hexavalent)	mg/kg	<0.3	<0.3	<0.3	---	---	---	---
Chromium	mg/kg	412.7	173.5	281.1	---	236.7	---	---
Copper	mg/kg	49	92	45	---	71	---	---
Iron	mg/kg	64,140	111,400	90,660	---	79,560	---	---
Lead	mg/kg	777	534	156	---	290	---	---
Magnesium	mg/kg	20,480	16,600	27,250	---	17,850	---	---
Manganese	mg/kg	7,790	11,820	5,642	---	6,647	---	---
Mercury	mg/kg	<2	<2	<2	---	---	---	---
Molybdenum	mg/kg	---	---	---	---	---	---	---
Nickel	mg/kg	34.1	57.5	44.8	---	58.9	---	---
Potassium	mg/kg	9,967	2,142	3,275	---	3,281	---	---
Selenium	mg/kg	---	---	---	---	---	---	---
Silicon	mg/kg	---	---	---	---	---	---	---
Sodium	mg/kg	1,092	888	1,573	---	1,096	---	---
Vanadium	mg/kg	806	312	489	---	638	---	---
Zinc	mg/kg	571	1,259	428	---	561	---	---
Asbestos								
Total Gravimetric Quantification (ACM + Detailed) (% Asb)	mass %	<0.001	<0.001	---	---	0.002	---	---
Asbestos Quantification - Detailed Gravimetric	%	<0.001	<0.001	---	---	0.002	---	---
Asbestos Containing Material	Detect	0	0	0	---	0	---	---
Total Detailed Gravimetric Quantification (% Asb)	mass %	---	---	---	---	---	---	---
Asbestos Containing Material (2)	None	---	---	---	---	---	---	---
Asbestos Type	None	1	1	0	---	1	---	---
Asbestos Containing Material (3)	None	---	---	---	---	---	---	---
Asbestos Type 2	None	---	---	---	---	---	---	---
Asbestos Type 3	None	---	---	---	---	---	---	---
Asbestos fibres	Detect	1	1	0	---	1	---	---
Asbestos Fibres (2)	None	---	---	---	---	---	---	---
Asbestos Gravimetric Quantification	%	---	---	---	---	---	---	---
General Description (Bulk Analysis)	None	1	1	1	---	1	---	---
Asbestos Fibres (3)	None	---	---	---	---	---	---	---
Quantification of Asbestos Fib								
Total ACM Gravimetric Quantification (% Asb)	mass %	<0.001	<0.001	---	---	<0.001	---	---
Inorganics								
Inorganic Nitrogen	mg/kg	<2.5	<2.5	<2.5	---	---	---	---
Ammoniacal Nitrogen as N	mg/kg	<0.6	<0.6	1.7	---	---	---	---
Chloride	mg/kg	---	---	---	---	---	---	---
Colour	None	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	<0.5	<0.5	<0.5	---	---	---	---
Cyanide Total	mg/kg	<0.5	<0.5	<0.5	---	---	---	---
Cyanide (Complex)	mg/kg	<0.5	<0.5	<0.5	---	---	---	---
Nitrate (as NO3-)	mg/kg	<2.5	<2.5	<2.5	---	---	---	---
Nitrite (as NO2-)	mg/kg	<0.05	<0.05	<0.05	---	---	---	---
Sulphate	mg/kg	6,816	20,490	12,650	---	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	---	---	---	---	---
Phosphorus	mg/kg	6,595	2,812	3,427	---	6,110	---	---
Sulphate as S	mg/kg	---	---	---	---	---	---	---
Sulphate (Soluble)	mg/l	949.6	1,510.4	1,360.8	---	---	---	---
Sulphur as S	%	0.38	0.86	0.62	---	---	---	---
Sulphide	mg/kg	<10	<10	<10	---	---	---	---
Thiocyanate (as SCN)	mg/kg	<0.6	<0.6	<0.6	---	---	---	---
Ortho phosphate as PO4	mg/kg	<0.3	<0.3	<0.3	---	---	---	---
TPH CWG								
>C5-C6 Aliphatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	---
>C6-C8 Aliphatics	mg/kg	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	---
>C8-C10 Aliphatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	---
>C10-C12 Aliphatics	mg/kg	<1	<1	<0.2	<1	<1	<1	---
>C12-C16 Aliphatics	mg/kg	<20	<20	<4	<20	<20	<20	---
>C16-C21 Aliphatics	mg/kg	<35	<35	<7	<35	<35	<35	---
>C21-C35 Aliphatics	mg/kg	<35	<35	<7	<35	<35	<35	---
>C35-C40 Aliphatics	mg/kg	<35	<35	<7	<35	<35	<35	---

Land West of Warrenby Made Ground Soil



Matrix Description Location Code Matrix Type Lab Report Number Date Depth										
	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
	LWW-SP012-S1	LWW-SP012-S1	LWW-SP014-S1	LWW-SP014-S1	LWW-SP015-S1	LWW-SP015-S1	LWW-SP015-S1	LWW-SP019-S1	LWW-SP020-S2	LWW-SP025-S1
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	24-250-335-110724	24-250-335-190624	24-250-335-110724	24-250-335-190624	24-250-335-110724	24-250-335-190624	24-250-335-190624	24-250-365-090724	24-250-394-120724	24-250-406-240724
Unit	13 Jun 2024	13 Jun 2024	13 Jun 2024	13 Jun 2024	13 Jun 2024	13 Jun 2024	13 Jun 2024	20 Jun 2024	03 Jul 2024	08 Jul 2024
	0									
>C35-C44 Aliphatics	mg/kg	---	<35	---	<35	---	<35	<35	<35	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C40	mg/kg	---	267	---	<130	---	<130	<130	<130	<130
Total Aliphatics >C5-C44	mg/kg	---	267	---	<130	---	<130	<130	<130	---
>EC5-EC7 Aromatics	mg/kg	---	<0.1	---	<0.1	---	<0.1	<0.1	<0.1	<0.1
>EC7-EC8 Aromatics	mg/kg	---	<0.1	---	<0.1	---	<0.1	<0.1	<0.1	<0.1
>EC8-EC10 Aromatics	mg/kg	---	<0.1	---	<0.1	---	<0.1	<0.1	<0.1	<0.1
>EC10-EC12 Aromatics	mg/kg	---	<1	---	<1	---	<1	<1	<1	<1
>EC12-EC16 Aromatics	mg/kg	---	<20	---	<20	---	<20	<20	<20	<20
>EC16-EC21 Aromatics	mg/kg	---	<35	---	<35	---	69	<35	<35	<35
>EC35-EC40 Aromatics	mg/kg	---	<35	---	<35	---	<35	<35	<35	<35
>EC21-EC35 Aromatics	mg/kg	---	<35	---	<35	---	300	<35	<35	<35
>EC35-EC44 Aromatics	mg/kg	---	<35	---	<35	---	<35	<35	<35	---
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC40	mg/kg	---	<130	---	<130	---	369	<130	<130	<130
Total Aromatics >EC5-EC44	mg/kg	---	<130	---	<130	---	369	<130	<130	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	---	267	---	<260	---	369	<260	<260	<260
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	267	---	<260	---	369	<260	<260	---
BTEX and MTBE										
Benzene	mg/kg	---	<0.005	---	<0.005	---	<0.005	<0.005	<0.005	---
Toluene	mg/kg	---	<0.005	---	<0.005	---	<0.005	<0.005	<0.005	---
Ethylbenzene	mg/kg	---	<0.005	---	<0.005	---	<0.005	<0.005	<0.005	---
Xylene (m & p)	mg/kg	---	<0.005	---	<0.005	---	<0.005	<0.005	<0.005	---
Xylene (o)	mg/kg	---	<0.005	---	<0.005	---	<0.005	<0.005	<0.005	---
MTBE	mg/kg	---	<0.005	---	<0.005	---	<0.005	<0.005	<0.005	---
PAH										
Naphthalene	mg/kg	---	0.81	---	0.23	---	0.3	0.09	0.21	---
Acenaphthene	mg/kg	---	0.27	---	<0.05	---	0.12	<0.05	0.78	---
Acenaphthylene	mg/kg	---	0.22	---	0.11	---	0.34	0.09	0.18	---
Fluoranthene	mg/kg	---	2.26	---	1.05	---	4.87	1.26	7.73	---
Anthracene	mg/kg	---	0.47	---	0.2	---	1.02	0.17	2.02	---
Phenanthrene	mg/kg	---	1.42	---	0.66	---	2.52	0.51	6.79	---
Fluorene	mg/kg	---	0.16	---	0.06	---	0.28	<0.04	0.57	---
Chrysene	mg/kg	---	1.55	---	0.6	---	2.43	0.83	2.9	---
Pyrene	mg/kg	---	1.87	---	0.86	---	3.84	1.19	6.23	---
Benzo(a)anthracene	mg/kg	---	1.51	---	0.6	---	2.54	0.79	2.9	---
Benzo(b)fluoranthene	mg/kg	---	2.25	---	0.81	---	3.05	1.11	3.19	---
Benzo(k)fluoranthene	mg/kg	---	0.88	---	0.31	---	1.18	0.43	1.24	---
Benzo(b+k)fluoranthene	mg/kg	---	3.13	---	1.12	---	4.23	1.54	4.43	---
Benzo(a)pyrene	mg/kg	---	1.64	---	0.56	---	2.2	0.79	2.57	---
Dibenz(a,h)anthracene	mg/kg	---	0.32	---	0.1	---	0.36	0.15	0.38	---
Benzo(g,h,i)perylene	mg/kg	---	1.34	---	0.4	---	1.57	0.6	1.57	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	1.47	---	0.48	---	1.78	0.59	1.72	---
PAH 16 Total	mg/kg	---	18.4	---	7	---	28.4	8.6	41	---
Phenolics										
Phenol	mg/kg	---	---	---	---	---	---	---	---	---
VOC										
Styrene	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---

Land West of Warrenby Made Ground Soil



Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP025-S1	LWW-SP032-S2	LWW-SP032-S2	LWW-SP032-S2	LWW-SP032-S2	LWW-SP033-S1	LWW-SP033-S1	LWW-SP034-S1	LWW-SP034-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-5353-91-180724	24-250-465-190824	24-250-465-210824	24-5353-115-041024	24-5353-115-230824	24-250-474-220824	24-5353-118-270824	24-250-474-220824	24-5353-118-270824
Date		08 Jul 2024	12 Aug 2024	12 Aug 2024	12 Aug 2024	12 Aug 2024	14 Aug 2024	14 Aug 2024	14 Aug 2024	14 Aug 2024
Depth										
	Unit									
>C35-C44 Aliphatics	mg/kg	---	<35	---	---	---	---	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C40	mg/kg	<130	<130	---	---	<130	457	<130	<130	<130
Total Aliphatics >C5-C44	mg/kg	---	<130	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	<0.1	<0.1	---	---	<0.1	<0.1	<0.1	<0.1	<0.1
>EC7-EC8 Aromatics	mg/kg	<0.1	<0.1	---	---	<0.1	<0.1	<0.1	<0.1	<0.1
>EC8-EC10 Aromatics	mg/kg	<0.1	<0.1	---	---	<0.1	<0.1	<0.1	<0.1	<0.1
>EC10-EC12 Aromatics	mg/kg	<1	<1	---	---	<1	<1	<1	<1	<1
>EC12-EC16 Aromatics	mg/kg	<20	<20	---	---	<20	<20	<20	<20	<20
>EC16-EC21 Aromatics	mg/kg	41	<35	---	---	<35	83	<35	<35	<35
>EC35-EC40 Aromatics	mg/kg	<35	<35	---	---	<35	<35	<35	<35	<35
>EC21-EC35 Aromatics	mg/kg	<35	56	---	---	<35	378	<35	<35	<35
>EC35-EC44 Aromatics	mg/kg	---	50	---	---	---	---	---	---	---
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC40	mg/kg	<130	<130	---	---	<130	461	<130	<130	<130
Total Aromatics >EC5-EC44	mg/kg	---	<130	---	---	---	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	<260	<260	---	---	<260	918	<260	<260	<260
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	<260	---	---	---	---	---	---	---
BTEX and MTBE										
Benzene	mg/kg	<0.005	<0.005	---	---	<0.005	---	<0.005	---	<0.005
Toluene	mg/kg	<0.005	<0.005	---	---	<0.005	---	<0.005	---	<0.005
Ethylbenzene	mg/kg	<0.005	<0.005	---	---	<0.005	---	<0.005	---	<0.005
Xylene (m & p)	mg/kg	<0.005	<0.005	---	---	<0.005	---	<0.005	---	<0.005
Xylene (o)	mg/kg	<0.005	<0.005	---	---	<0.005	---	<0.005	---	<0.005
MTBE	mg/kg	0.007	<0.005	---	---	<0.005	---	<0.005	---	<0.005
PAH										
Naphthalene	mg/kg	---	0.31	---	---	---	---	---	---	---
Acenaphthene	mg/kg	---	0.08	---	---	---	---	---	---	---
Acenaphthylene	mg/kg	---	0.09	---	---	---	---	---	---	---
Fluoranthene	mg/kg	---	2.52	---	---	---	---	---	---	---
Anthracene	mg/kg	---	0.33	---	---	---	---	---	---	---
Phenanthrene	mg/kg	---	1.69	---	---	---	---	---	---	---
Fluorene	mg/kg	---	0.07	---	---	---	---	---	---	---
Chrysene	mg/kg	---	1.31	---	---	---	---	---	---	---
Pyrene	mg/kg	---	2.08	---	---	---	---	---	---	---
Benzo(a)anthracene	mg/kg	---	1.1	---	---	---	---	---	---	---
Benzo(b)fluoranthene	mg/kg	---	1.5	---	---	---	---	---	---	---
Benzo(k)fluoranthene	mg/kg	---	0.58	---	---	---	---	---	---	---
Benzo(b+k)fluoranthene	mg/kg	---	2.08	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	---	1.06	---	---	---	---	---	---	---
Dibenz(a,h)anthracene	mg/kg	---	0.2	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	0.76	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	0.77	---	---	---	---	---	---	---
PAH 16 Total	mg/kg	---	14.5	---	---	---	---	---	---	---
Phenolics										
Phenol	mg/kg	---	---	---	---	---	---	---	---	---
VOC										
Styrene	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---



Land West of Warrenby Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP035-S1	LWW-SP035-S1	LWW-SP036-S1	LWW-SP036-S1	LWW-SP517-S14	LWW-SP520-S6	LWW-SP520-S6	LWW-SP521-S4
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-250-477-280824	24-250-477-290824	24-250-491-050924	24-5353-125-100924	23-9664-114-051023	23-9664-112-031023	23-9664-112-290923	23-9664-112-031023
Date		15 Aug 2024	15 Aug 2024	21 Aug 2024	21 Aug 2024	21 Sep 2023	20 Sep 2023	20 Sep 2023	20 Sep 2023
Depth						0			
	Unit								
>C35-C44 Aliphatics	mg/kg	<35	---	<35	---	<7	---	<7	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C40	mg/kg	459	---	<130	<130	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	459	---	<130	---	34	---	77	---
>EC5-EC7 Aromatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	---	<0.1	---
>EC7-EC8 Aromatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	---	<0.1	---
>EC8-EC10 Aromatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	---	<0.1	---
>EC10-EC12 Aromatics	mg/kg	<1	---	<1	<1	<0.2	---	<0.2	---
>EC12-EC16 Aromatics	mg/kg	<20	---	<20	<20	<4	---	<4	---
>EC16-EC21 Aromatics	mg/kg	<35	---	<35	<35	18	---	58	---
>EC35-EC40 Aromatics	mg/kg	<35	---	<35	<35	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	115	---	<35	<35	63	---	201	---
>EC35-EC44 Aromatics	mg/kg	<35	---	<35	---	<7	---	11	---
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC40	mg/kg	<130	---	<130	<130	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	<130	---	<130	---	81	---	270	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	459	---	<260	<260	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	459	---	<260	---	115	---	347	---
BTEX and MTBE									
Benzene	mg/kg	<0.005	---	<0.005	<0.005	<0.005	---	<0.005	---
Toluene	mg/kg	<0.005	---	<0.005	0.041	<0.005	---	<0.005	---
Ethylbenzene	mg/kg	<0.005	---	<0.005	<0.005	<0.005	---	<0.005	---
Xylene (m & p)	mg/kg	<0.005	---	<0.005	<0.005	<0.005	---	<0.005	---
Xylene (o)	mg/kg	<0.005	---	<0.005	<0.005	<0.005	---	<0.005	---
MTBE	mg/kg	<0.005	---	<0.005	<0.005	<0.005	---	<0.005	---
PAH									
Naphthalene	mg/kg	0.18	---	0.19	---	0.19	---	0.86	---
Acenaphthene	mg/kg	0.07	---	<0.05	---	0.13	---	0.34	---
Acenaphthylene	mg/kg	0.1	---	0.05	---	0.17	---	0.25	---
Fluoranthene	mg/kg	2.33	---	1.08	---	3.89	---	9.21	---
Anthracene	mg/kg	0.31	---	0.11	---	0.43	---	1.39	---
Phenanthrene	mg/kg	1.12	---	0.41	---	1.85	---	5.64	---
Fluorene	mg/kg	0.07	---	<0.04	---	0.09	---	0.38	---
Chrysene	mg/kg	1.37	---	0.69	---	2.73	---	4.73	---
Pyrene	mg/kg	2.12	---	0.99	---	3.41	---	7.19	---
Benzo(a)anthracene	mg/kg	1.27	---	0.66	---	2.38	---	4.61	---
Benzo(b)fluoranthene	mg/kg	1.94	---	1.03	---	4.04	---	5.55	---
Benzo(k)fluoranthene	mg/kg	0.75	---	0.4	---	1.57	---	2.16	---
Benzo(b+k)fluoranthene	mg/kg	2.69	---	1.43	---	5.61	---	7.71	---
Benzo(a)pyrene	mg/kg	1.3	---	0.76	---	3.28	---	4.38	---
Dibenz(a,h)anthracene	mg/kg	0.23	---	0.1	---	0.52	---	0.69	---
Benzo(g,h,i)perylene	mg/kg	1.19	---	0.76	---	2.57	---	2.31	---
Indeno(1,2,3-c,d)pyrene	mg/kg	1.1	---	0.77	---	2.62	---	2.86	---
PAH 16 Total	mg/kg	15.5	---	8	---	29.9	---	52.6	---
Phenolics									
Phenol	mg/kg	---	---	---	---	---	---	---	---
VOC									
Styrene	mg/kg	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---

Land West of Warrenby Made Ground Soil



Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP521-S4	LWW-SP521-S9	LWW-SP525-S3	LWW-SP525-S9	LWW-SP526-S1	LWW-SP528-S5	LWW-SP530-S7	LWW-SP530-S14
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-9664-112-290923	23-9664-121-161023	23-9664-133-101023	23-9664-143-191023	23-18173-1-101123	23-9664-143-191023	23-9664-162-301023	23-9664-184-081223
Date		20 Sep 2023	27 Sep 2023	03 Oct 2023	11 Oct 2023	30 Oct 2023	11 Oct 2023	23 Oct 2023	09 Nov 2023
Depth								0	0
	Unit								
>C35-C44 Aliphatics	mg/kg	<7	8	---	52	<7	22	---	9
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C40	mg/kg	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	98	327	---	873	186	181	---	178
>EC5-EC7 Aromatics	mg/kg	<0.1	<0.1	---	<0.1	<0.1	<0.1	---	<0.1
>EC7-EC8 Aromatics	mg/kg	<0.1	<0.1	---	<0.1	<0.1	<0.1	---	<0.1
>EC8-EC10 Aromatics	mg/kg	<0.1	<0.1	---	<0.1	<0.1	<0.1	---	<0.1
>EC10-EC12 Aromatics	mg/kg	<0.2	<0.2	---	3.2	<0.2	<0.2	---	<0.2
>EC12-EC16 Aromatics	mg/kg	<4	<4	---	16	<4	6	---	<4
>EC16-EC21 Aromatics	mg/kg	<7	37	---	137	<7	43	---	29
>EC35-EC40 Aromatics	mg/kg	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	108	117	---	518	96	266	---	152
>EC35-EC44 Aromatics	mg/kg	<7	10	---	73	9	25	---	13
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC40	mg/kg	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	108	164	---	747	105	340	---	194
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	206	491	---	1,620	291	521	---	372
BTEX and MTBE									
Benzene	mg/kg	<0.005	<0.005	---	<0.005	<0.005	<0.005	---	<0.005
Toluene	mg/kg	<0.005	<0.005	---	<0.005	<0.005	<0.005	---	<0.005
Ethylbenzene	mg/kg	<0.005	<0.005	---	<0.005	<0.005	<0.005	---	<0.005
Xylene (m & p)	mg/kg	<0.005	<0.005	---	<0.005	<0.005	<0.005	---	<0.005
Xylene (o)	mg/kg	<0.005	<0.005	---	<0.005	<0.005	<0.005	---	<0.005
MTBE	mg/kg	<0.005	<0.005	---	<0.005	<0.005	<0.005	---	<0.005
PAH									
Naphthalene	mg/kg	0.1	0.16	---	0.19	0.06	0.11	---	0.16
Acenaphthene	mg/kg	<0.05	0.31	---	0.22	<0.05	0.31	---	0.09
Acenaphthylene	mg/kg	0.05	0.08	---	0.2	0.03	0.26	---	0.16
Fluoranthene	mg/kg	0.72	3.01	---	2.62	0.67	4.38	---	3.16
Anthracene	mg/kg	0.1	0.45	---	0.43	0.1	0.74	---	0.64
Phenanthrene	mg/kg	0.44	2.81	---	1.73	0.31	2.41	---	1.82
Fluorene	mg/kg	<0.04	0.22	---	0.13	<0.04	0.3	---	0.15
Chrysene	mg/kg	0.42	1.21	---	1.32	0.36	1.85	---	1.62
Pyrene	mg/kg	0.61	2.3	---	2.1	0.57	3.32	---	2.55
Benzo(a)anthracene	mg/kg	0.35	1.12	---	1.31	0.37	1.88	---	1.46
Benzo(b)fluoranthene	mg/kg	0.48	1.35	---	1.94	0.47	2.54	---	2.17
Benzo(k)fluoranthene	mg/kg	0.18	0.53	---	0.75	0.18	0.99	---	0.85
Benzo(b+k)fluoranthene	mg/kg	0.66	1.88	---	2.69	0.65	3.53	---	3.02
Benzo(a)pyrene	mg/kg	<0.04	0.89	---	1.27	0.33	1.73	---	1.55
Dibenz(a,h)anthracene	mg/kg	0.08	0.15	---	0.26	0.06	0.32	---	0.22
Benzo(g,h,i)perylene	mg/kg	0.22	0.61	---	0.92	0.24	1.13	---	1.14
Indeno(1,2,3-c,d)pyrene	mg/kg	0.26	0.74	---	0.91	0.25	1.2	---	1.2
PAH 16 Total	mg/kg	4	15.9	---	16.3	4	23.5	---	18.9
Phenolics									
Phenol	mg/kg	---	---	---	---	---	---	---	---
VOC									
Styrene	mg/kg	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---



Land West of Warrenby Made Ground Soil

Matrix Description Location Code Matrix Type Lab Report Number Date Depth		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND			
		LWW-SP532-S3		LWW-SP532-S12		LWW-SP533-S1		LWW-SP534-S1		LWW-SP534-S1		LWW-SP535-S1			
		Soil		Soil		Soil		Soil		Soil		Soil			
		23-9664-162-301023		23-9664-184-201123		23-9664-164-311023		23-9664-179-131123		23-9664-179-211123		23-9664-179-211123			
		23 Oct 2023		09 Nov 2023		24 Oct 2023		06 Nov 2023		06 Nov 2023		06 Nov 2023			
0		0		0		0		0		0		0			
	Unit														
>C35-C44 Aliphatics	mg/kg	---	10	42	---	13	---	24	---						
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---						
Total Aliphatics >C5-C40	mg/kg	---	---	---	---	---	---	---	---						
Total Aliphatics >C5-C44	mg/kg	---	153	831	---	183	---	117	---						
>EC5-EC7 Aromatics	mg/kg	---	<0.1	<0.1	---	<0.1	---	<0.1	---						
>EC7-EC8 Aromatics	mg/kg	---	<0.1	<0.1	---	<0.1	---	<0.1	---						
>EC8-EC10 Aromatics	mg/kg	---	<0.1	<0.1	---	<0.1	---	<0.1	---						
>EC10-EC12 Aromatics	mg/kg	---	<0.2	<0.2	---	<0.2	---	<0.2	---						
>EC12-EC16 Aromatics	mg/kg	---	<4	12	---	6	---	9	---						
>EC16-EC21 Aromatics	mg/kg	---	17	132	---	79	---	39	---						
>EC35-EC40 Aromatics	mg/kg	---	---	---	---	---	---	---	---						
>EC21-EC35 Aromatics	mg/kg	---	158	561	---	294	---	122	---						
>EC35-EC44 Aromatics	mg/kg	---	16	62	---	30	---	<7	---						
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---						
Total Aromatics >EC5-EC40	mg/kg	---	---	---	---	---	---	---	---						
Total Aromatics >EC5-EC44	mg/kg	---	191	767	---	409	---	170	---						
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---						
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---						
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	344	1,598	---	592	---	287	---						
BTX and MTBE															
Benzene	mg/kg	---	<0.005	<0.005	---	<0.005	---	<0.005	---						
Toluene	mg/kg	---	<0.005	<0.005	---	<0.005	---	<0.005	---						
Ethylbenzene	mg/kg	---	<0.005	<0.005	---	<0.005	---	<0.005	---						
Xylene (m & p)	mg/kg	---	<0.005	<0.005	---	<0.005	---	<0.005	---						
Xylene (o)	mg/kg	---	<0.005	<0.005	---	<0.005	---	<0.005	---						
MTBE	mg/kg	---	<0.005	<0.005	---	<0.005	---	<0.005	---						
PAH															
Naphthalene	mg/kg	---	0.22	0.21	---	0.07	---	1.02	---						
Acenaphthene	mg/kg	---	0.32	0.27	---	<0.05	---	0.15	---						
Acenaphthylene	mg/kg	---	0.16	0.15	---	0.04	---	0.67	---						
Fluoranthene	mg/kg	---	12.27	3.42	---	0.96	---	3.86	---						
Anthracene	mg/kg	---	1.3	0.45	---	0.11	---	0.92	---						
Phenanthrene	mg/kg	---	6.8	2.24	---	0.48	---	3.06	---						
Fluorene	mg/kg	---	0.31	0.36	---	<0.04	---	0.61	---						
Chrysene	mg/kg	---	5.87	1.53	---	0.47	---	1.74	---						
Pyrene	mg/kg	---	9.06	2.49	---	0.78	---	3.24	---						
Benzo(a)anthracene	mg/kg	---	5.63	1.27	---	0.42	---	1.68	---						
Benzo(b)fluoranthene	mg/kg	---	6.34	1.62	---	0.55	---	2.25	---						
Benzo(k)fluoranthene	mg/kg	---	2.47	0.63	---	0.21	---	0.88	---						
Benzo(b+k)fluoranthene	mg/kg	---	8.81	2.25	---	0.76	---	3.13	---						
Benzo(a)pyrene	mg/kg	---	4.52	1.13	---	0.36	---	1.9	---						
Dibenz(a,h)anthracene	mg/kg	---	0.55	0.28	---	0.05	---	0.29	---						
Benzo(g,h,i)perylene	mg/kg	---	2.69	0.8	---	0.29	---	1.17	---						
Indeno(1,2,3-c,d)pyrene	mg/kg	---	2.8	0.87	---	0.26	---	1.21	---						
PAH 16 Total	mg/kg	---	61.3	17.7	---	5.1	---	24.7	---						
Phenolics															
Phenol	mg/kg	---	---	---	---	---	---	---	---						
VOC															
Styrene	mg/kg	---	---	---	---	---	---	---	---						
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---						
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---						
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---						
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---						
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---						
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---						
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---						
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---						
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---						
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---						
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---						
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---						
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---						
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---						
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---						
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---						
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---						
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---						
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---						
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---						
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---						
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---						
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---						
Bromoform	mg/kg	---	---	---	---	---	---	---	---						
Bromomethane	mg/kg	---	---	---	---	---	---	---	---						

Land West of Warrenby Made Ground Soil



Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP536-S1	LWW-SP537-S1	LWW-SP537-S1	LWW-SP538-S1	LWW-SP540-S1	LWW-SP540-S1	LWW-SP541-S1	LWW-SP542-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-9664-179-211123	23-9664-179-131123	23-9664-179-211123	23-9664-202-291123	23-9664-210-071223	23-9664-210-111223	23-9664-232-151223	23-9664-236-211223
Date		06 Nov 2023	06 Nov 2023	06 Nov 2023	21 Nov 2023	23 Nov 2023	23 Nov 2023	07 Dec 2023	11 Dec 2023
Depth		0	0	0				0	
	Unit								
>C35-C44 Aliphatics	mg/kg	9	---	12	<7	15	---	13	10
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C40	mg/kg	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	110	---	219	189	211	---	195	170
>EC5-EC7 Aromatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	---	<0.1	<0.1
>EC7-EC8 Aromatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	---	<0.1	<0.1
>EC8-EC10 Aromatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	---	<0.1	<0.1
>EC10-EC12 Aromatics	mg/kg	<0.2	---	<0.2	<0.2	<0.2	---	<0.2	<0.2
>EC12-EC16 Aromatics	mg/kg	<4	---	<4	12	<4	---	<4	7
>EC16-EC21 Aromatics	mg/kg	15	---	42	92	<7	---	33	62
>EC35-EC40 Aromatics	mg/kg	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	92	---	273	318	90	---	183	221
>EC35-EC44 Aromatics	mg/kg	13	---	32	22	11	---	30	27
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC40	mg/kg	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	120	---	347	444	101	---	246	317
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	230	---	566	633	312	---	441	487
BTEX and MTBE									
Benzene	mg/kg	<0.005	---	<0.005	<0.005	<0.005	---	<0.005	<0.005
Toluene	mg/kg	<0.005	---	<0.005	<0.005	<0.005	---	<0.005	<0.005
Ethylbenzene	mg/kg	<0.005	---	<0.005	<0.005	<0.005	---	<0.005	<0.005
Xylene (m & p)	mg/kg	<0.005	---	<0.005	<0.005	<0.005	---	<0.005	<0.005
Xylene (o)	mg/kg	<0.005	---	<0.005	<0.005	<0.005	---	<0.005	<0.005
MTBE	mg/kg	<0.005	---	<0.005	<0.005	<0.005	---	<0.005	<0.005
PAH									
Naphthalene	mg/kg	<0.04	---	0.18	0.18	0.15	---	0.14	0.22
Acenaphthene	mg/kg	<0.05	---	0.09	0.16	<0.05	---	<0.05	0.11
Acenaphthylene	mg/kg	<0.03	---	0.17	0.16	0.05	---	0.12	0.17
Fluoranthene	mg/kg	0.2	---	2.9	3.48	1.42	---	1.24	5.8
Anthracene	mg/kg	<0.04	---	0.42	0.51	0.18	---	0.21	0.54
Phenanthrene	mg/kg	0.12	---	1.74	1.95	0.82	---	0.7	1.97
Fluorene	mg/kg	<0.04	---	0.12	0.15	<0.04	---	0.07	0.17
Chrysene	mg/kg	0.11	---	1.45	1.88	0.7	---	0.67	2.56
Pyrene	mg/kg	0.16	---	2.49	2.92	1.22	---	0.98	4.79
Benzo(a)anthracene	mg/kg	0.11	---	1.25	1.70	0.56	---	0.62	2.83
Benzo(b)fluoranthene	mg/kg	0.12	---	1.73	2.49	0.78	---	0.86	3.26
Benzo(k)fluoranthene	mg/kg	0.04	---	0.67	0.97	0.31	---	0.33	1.27
Benzo(b+k)fluoranthene	mg/kg	0.16	---	2.4	3.46	1.09	---	1.19	4.53
Benzo(a)pyrene	mg/kg	0.07	---	1.19	1.81	0.52	---	0.57	2.44
Dibenz(a,h)anthracene	mg/kg	<0.04	---	0.21	0.37	0.09	---	<0.04	0.39
Benzo(g,h,i)perylene	mg/kg	0.05	---	0.83	1.32	0.41	---	0.46	1.19
Indeno(1,2,3-c,d)pyrene	mg/kg	0.05	---	0.76	1.29	0.36	---	0.45	2.27
PAH 16 Total	mg/kg	1	---	16.2	21.3	7.6	---	7.4	30
Phenolics									
Phenol	mg/kg	---	---	---	---	---	---	---	---
VOC									
Styrene	mg/kg	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---



Land West of Warrenby Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP543-S1	LWW-SP543-S1	LWW-SP544-S1	LWW-SP545-S1	LWW-SP546-S1	LWW-SP547-S1	LWW-SP548-S1	LWW-SP549-S1	LWW-SP550-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-9664-238-211223	23-9664-238-211223	23-9664-249-281223	24-250-7-240124	24-250-6-240124	24-250-16-230124	24-250-16-230124	24-250-32-050224	24-250-33-060224
Date		12 Dec 2023	12 Dec 2023	18 Dec 2023	09 Jan 2024	09 Jan 2024	12 Jan 2024	15 Jan 2024	22 Jan 2024	23 Jan 2024
Depth		0	0	0			0	0		
	Unit									
>C35-C44 Aliphatics	mg/kg	<7	---	45	<7	19	<7	74	28	9
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C40	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	61	68	379	106	613	101	852	290	96
>EC5-EC7 Aromatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>EC7-EC8 Aromatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>EC8-EC10 Aromatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>EC10-EC12 Aromatics	mg/kg	<0.2	---	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
>EC12-EC16 Aromatics	mg/kg	<4	---	<4	10	8	9	<4	<4	<4
>EC16-EC21 Aromatics	mg/kg	12	45	32	46	101	42	149	39	17
>EC35-EC40 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	83	107	267	141	458	123	581	241	120
>EC35-EC44 Aromatics	mg/kg	<7	9	47	16	41	19	90	46	33
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC40	mg/kg	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	104	152	346	213	608	193	820	326	170
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	172	213	725	319	1,221	294	1,672	616	266
BTEX and MTBE										
Benzene	mg/kg	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	mg/kg	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	mg/kg	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Xylene (m & p)	mg/kg	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Xylene (o)	mg/kg	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
MTBE	mg/kg	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
PAH										
Naphthalene	mg/kg	0.14	---	0.7	0.24	0.14	0.11	0.12	0.16	0.14
Acenaphthene	mg/kg	0.07	---	0.19	0.13	0.07	<0.05	<0.05	<0.05	<0.05
Acenaphthylene	mg/kg	0.36	---	0.21	0.1	0.16	0.08	0.16	0.18	0.05
Fluoranthene	mg/kg	3.05	---	4.23	1.64	2.46	1.21	3.28	1.87	1.01
Anthracene	mg/kg	0.43	---	0.77	0.25	0.47	0.17	0.39	0.39	0.14
Phenanthrene	mg/kg	1.45	---	2.28	1.4	1.63	0.66	1.9	1.17	0.62
Fluorene	mg/kg	0.08	---	0.29	0.07	0.14	0.06	0.04	0.11	<0.04
Chrysene	mg/kg	1.7	---	2.2	0.72	1.19	0.7	1.76	1	0.49
Pyrene	mg/kg	2.43	---	3.36	1.18	1.9	1.01	2.92	1.51	0.86
Benzo(a)anthracene	mg/kg	1.43	---	2.17	0.71	1.21	0.63	1.7	1.01	0.44
Benzo(b)fluoranthene	mg/kg	2.68	---	3.28	0.83	1.58	1	2.23	1.35	0.58
Benzo(k)fluoranthene	mg/kg	1.04	---	1.28	0.32	0.61	0.39	0.87	0.53	0.23
Benzo(b+k)fluoranthene	mg/kg	3.72	---	4.56	1.15	2.19	1.39	3.1	1.88	0.81
Benzo(a)pyrene	mg/kg	1.51	---	2.28	0.55	1.14	0.68	1.52	0.97	0.34
Dibenz(a,h)anthracene	mg/kg	0.24	---	0.32	0.11	0.2	0.12	0.28	0.19	0.07
Benzo(g,h,i)perylene	mg/kg	1.8	---	1.69	0.41	0.83	0.58	1.27	0.86	0.29
Indeno(1,2,3-c,d)pyrene	mg/kg	1.88	---	1.91	0.42	0.84	0.54	1.13	0.9	0.29
PAH 16 Total	mg/kg	20.3	---	27.2	9.1	14.6	7.9	19.6	12.2	5.6
Phenolics										
Phenol	mg/kg	---	---	---	---	---	---	---	---	---
VOC										
Styrene	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---

Land West of Warrenby Made Ground Soil



Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP550-S1	LWW-SP551-S1	LWW-SP552-S1	LWW-SP553-S1	LWW-SP554-S1	LWW-SP555-S1	LWW-SP556-S5	LWW-SP557-S1	LWW-SP558-S2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-250-35-060224	24-250-41-050224	24-250-41-050224	24-250-55-140224	24-250-55-140224	24-250-67-150224	24-250-85-260224	24-250-85-260224	24-250-99-080324
Date		23 Jan 2024	25 Jan 2024	25 Jan 2024	02 Feb 2024	02 Feb 2024	07 Feb 2024	15 Feb 2024	15 Feb 2024	21 Feb 2024
Depth										
	Unit									
>C35-C44 Aliphatics	mg/kg	---	<7	<7	<7	<7	<7	<7	12	14
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C40	mg/kg	---	---	---	---	---	---	30	164	172
Total Aliphatics >C5-C44	mg/kg	---	86	78	<26	<26	35	30	168	177
>EC5-EC7 Aromatics	mg/kg	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>EC7-EC8 Aromatics	mg/kg	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>EC8-EC10 Aromatics	mg/kg	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>EC10-EC12 Aromatics	mg/kg	---	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
>EC12-EC16 Aromatics	mg/kg	---	<4	10	<4	<4	<4	<4	<4	<4
>EC16-EC21 Aromatics	mg/kg	---	28	124	<7	<7	25	34	32	22
>EC35-EC40 Aromatics	mg/kg	---	---	---	---	---	---	8	13	21
>EC21-EC35 Aromatics	mg/kg	---	129	331	8	<7	53	141	169	157
>EC35-EC44 Aromatics	mg/kg	---	15	31	<7	<7	<7	11	18	38
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC40	mg/kg	---	---	---	---	---	---	183	214	200
Total Aromatics >EC5-EC44	mg/kg	---	172	496	<26	<26	78	186	219	217
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	213	378	372
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	258	574	<52	<52	113	216	387	394
BTEX and MTBE										
Benzene	mg/kg	---	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	mg/kg	---	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	mg/kg	---	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Xylene (m & p)	mg/kg	---	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Xylene (o)	mg/kg	---	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
MTBE	mg/kg	---	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
PAH										
Naphthalene	mg/kg	---	0.13	0.11	0.04	<0.04	0.1	0.13	0.12	<0.04
Acenaphthene	mg/kg	---	0.07	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthylene	mg/kg	---	0.15	0.08	0.07	<0.03	0.16	0.12	0.07	0.06
Fluoranthene	mg/kg	---	2.85	2.19	0.53	0.1	2.42	2.01	1.56	1.37
Anthracene	mg/kg	---	0.39	0.24	0.11	<0.04	0.54	0.28	0.2	0.21
Phenanthrene	mg/kg	---	1.28	0.74	0.31	0.05	1.2	0.85	0.89	0.7
Fluorene	mg/kg	---	0.09	<0.04	0.04	<0.04	0.11	0.07	0.06	0.07
Chrysene	mg/kg	---	1.37	1.12	0.23	0.05	0.94	0.97	0.93	0.57
Pyrene	mg/kg	---	2.4	1.76	0.41	0.07	1.88	1.6	1.23	1.1
Benzo(a)anthracene	mg/kg	---	1.29	1.04	0.24	0.06	0.99	0.93	0.81	0.51
Benzo(b)fluoranthene	mg/kg	---	1.71	1.28	0.27	0.07	1.14	1.17	1.2	0.65
Benzo(k)fluoranthene	mg/kg	---	0.67	0.5	0.11	0.03	0.45	0.46	0.46	0.25
Benzo(b+k)fluoranthene	mg/kg	---	2.38	1.78	0.38	0.1	1.59	1.63	1.66	0.9
Benzo(a)pyrene	mg/kg	---	1.28	1	0.21	0.05	0.88	0.85	0.79	0.5
Dibenz(a,h)anthracene	mg/kg	---	0.16	0.17	<0.04	<0.04	0.13	0.09	0.12	0.06
Benzo(g,h,i)perylene	mg/kg	---	0.8	0.62	0.16	<0.04	0.56	0.52	0.59	0.33
Indeno(1,2,3-c,d)pyrene	mg/kg	---	0.81	0.65	0.16	<0.04	0.63	0.57	0.58	0.34
PAH 16 Total	mg/kg	---	15.5	11.5	2.9	<0.6	12.1	10.6	9.6	6.7
Phenolics										
Phenol	mg/kg	---	---	---	---	---	---	---	---	---
VOC										
Styrene	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---



Land West of Warrenby Made Ground Soil

Matrix Description Location Code Matrix Type Lab Report Number Date Depth										
	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
	LWW-SP559-S1	LWW-SP564-S1	LWW-SP565-S1	LWW-SP566-S7	LWW-SP566-S7	LWW-SP567-S1	LWW-SP568-S1	LWW-SP569-S1	LWW-SP570-S1	
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
	24-250-99-080324	24-250-115-110324	24-250-122-250424	24-250-168-090424	24-250-168-090424	24-250-164-280324	24-250-164-280324	24-250-164-280324	24-250-164-280324	
	21 Feb 2024	04 Mar 2024	06 Mar 2024	20 Mar 2024	20 Mar 2024	18 Mar 2024	18 Mar 2024	18 Mar 2024	18 Mar 2024	
	0	0	0	0	0	0	0	0	0	
	Unit									
>C35-C44 Aliphatics	mg/kg	<7	12	15	<7	---	8	12	11	44
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C40	mg/kg	<26	114	---	---	---	84	115	73	191
Total Aliphatics >C5-C44	mg/kg	<26	126	182	94	---	92	127	84	210
>EC5-EC7 Aromatics	mg/kg	<0.1	<0.1	<0.1	<0.1	---	<0.1	<0.1	<0.1	<0.1
>EC7-EC8 Aromatics	mg/kg	<0.1	<0.1	<0.1	<0.1	---	<0.1	<0.1	<0.1	<0.1
>EC8-EC10 Aromatics	mg/kg	<0.1	<0.1	<0.1	<0.1	---	<0.1	<0.1	<0.1	<0.1
>EC10-EC12 Aromatics	mg/kg	<0.2	<0.2	<0.2	<0.2	---	<0.2	<0.2	<0.2	<0.2
>EC12-EC16 Aromatics	mg/kg	<4	8	<4	<4	---	6	<4	22	6
>EC16-EC21 Aromatics	mg/kg	13	72	<7	39	---	38	24	196	64
>EC35-EC40 Aromatics	mg/kg	<7	24	---	---	---	12	23	29	55
>EC21-EC35 Aromatics	mg/kg	21	237	58	188	---	115	191	374	384
>EC35-EC44 Aromatics	mg/kg	<7	45	13	<7	---	20	41	57	107
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC40	mg/kg	34	341	---	---	---	171	238	621	509
Total Aromatics >EC5-EC44	mg/kg	34	362	71	227	---	179	256	649	561
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	<52	455	---	---	---	255	353	694	700
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	<52	488	253	321	---	271	383	733	771
BTEX and MTBE										
Benzene	mg/kg	<0.005	<0.005	<0.005	<0.003	---	<0.005	<0.005	<0.005	<0.005
Toluene	mg/kg	<0.005	<0.005	<0.005	<0.003	---	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	mg/kg	<0.005	<0.005	<0.005	<0.003	---	<0.005	<0.005	<0.005	<0.005
Xylene (m & p)	mg/kg	<0.005	<0.005	<0.005	<0.005	---	<0.005	<0.005	<0.005	<0.005
Xylene (o)	mg/kg	<0.005	<0.005	<0.005	<0.003	---	<0.005	<0.005	<0.005	<0.005
MTBE	mg/kg	<0.005	<0.005	<0.005	<0.002	---	<0.005	<0.005	<0.005	<0.005
PAH										
Naphthalene	mg/kg	<0.04	0.1	0.1	0.1	<0.027	0.25	0.2	0.1	0.12
Acenaphthene	mg/kg	<0.05	0.09	0.07	0.08	---	0.1	0.08	0.15	0.08
Acenaphthylene	mg/kg	0.05	0.11	0.06	0.19	---	0.12	0.13	0.12	0.16
Fluoranthene	mg/kg	1.11	2.55	0.91	4.53	---	2	2.55	3.95	2.51
Anthracene	mg/kg	0.18	0.36	0.22	0.53	---	0.39	0.32	0.39	0.38
Phenanthrene	mg/kg	0.54	1.18	0.6	1.22	---	1.37	1.08	1.33	1.45
Fluorene	mg/kg	<0.04	0.1	0.07	0.12	---	0.15	0.09	0.13	0.15
Chrysene	mg/kg	0.5	1.13	0.44	1.98	---	0.91	1.4	2.14	1.22
Pyrene	mg/kg	0.93	2.1	0.7	3.87	---	1.52	2.1	3.14	1.88
Benzo(a)anthracene	mg/kg	0.48	1.19	0.42	2.06	---	0.81	1.29	2.06	1.15
Benzo(b)fluoranthene	mg/kg	0.65	1.47	0.53	3.74	---	1.02	1.82	2.81	1.45
Benzo(k)fluoranthene	mg/kg	0.25	0.57	0.2	1.45	---	0.39	0.71	1.09	0.57
Benzo(b+k)fluoranthene	mg/kg	0.9	2.04	0.73	5.19	---	1.41	2.53	3.9	2.02
Benzo(a)pyrene	mg/kg	0.49	1.15	0.36	2.84	---	0.68	1.32	2.15	1.06
Dibenz(a,h)anthracene	mg/kg	0.08	0.17	0.07	0.29	---	0.12	0.21	0.33	0.19
Benzo(g,h,i)perylene	mg/kg	0.36	0.73	0.28	2.48	---	0.51	0.95	1.4	0.73
Indeno(1,2,3-c,d)pyrene	mg/kg	0.81	0.37	0.31	2.43	---	0.47	0.92	1.5	0.77
PAH 16 Total	mg/kg	6	13.8	5.3	27.9	---	10.8	15.2	22.8	13.9
Phenolics										
Phenol	mg/kg	---	---	---	<0.01	---	---	---	---	---
VOC										
Styrene	mg/kg	---	---	---	<0.003	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	<0.004	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	<0.003	---	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	<0.003	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	<0.003	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	<0.003	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	<0.003	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	<0.003	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	<0.006	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	<0.003	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	<0.004	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	<0.006	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	<0.004	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	<0.003	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	<0.004	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	<0.006	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	<0.003	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	<0.003	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	<0.004	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	<0.003	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	<0.003	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	<0.002	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	<0.003	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	<0.003	---	---	---	---	---
Bromoform	mg/kg	---	---	---	<0.003	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	<0.001	---	---	---	---	---

Land West of Warrenby Made Ground Soil



Matrix Description Location Code Matrix Type Lab Report Number Date Depth										
	MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND	
	LWW-SP571-S1		LWW-SP572-S1		LWW-SP572-S1		LWW-SP574-S1		LWW-SP579-S1	
	Soil		Soil		Soil		Soil		Soil	
	24-250-191-090424		24-250-191-090424		24-250-191-100424		24-250-222-220424		24-250-238-030524	
Unit	26 Mar 2024		26 Mar 2024		26 Mar 2024		12 Apr 2024		23 Apr 2024	
	0		0		0		0		0	
>C35-C44 Aliphatics	mg/kg	<35	<35	---	<35	<35	---	<35	<35	<35
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C40	mg/kg	<130	277	---	<130	495	<130	178	<130	<130
Total Aliphatics >C5-C44	mg/kg	<130	277	---	<130	495	---	178	<130	<130
>EC5-EC7 Aromatics	mg/kg	<0.1	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>EC7-EC8 Aromatics	mg/kg	<0.1	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>EC8-EC10 Aromatics	mg/kg	<0.1	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>EC10-EC12 Aromatics	mg/kg	<1	<1	---	<1	<1	<1	<1	<1	<1
>EC12-EC16 Aromatics	mg/kg	<20	<20	---	<20	<20	<20	<20	<20	<20
>EC16-EC21 Aromatics	mg/kg	<35	<35	---	<35	<35	<35	<35	<35	<35
>EC35-EC40 Aromatics	mg/kg	<35	<35	---	<35	<35	<35	<35	<35	<35
>EC21-EC35 Aromatics	mg/kg	140	<35	---	<35	290	<35	350	<35	107
>EC35-EC44 Aromatics	mg/kg	69	<35	---	<35	<35	---	<35	<35	<35
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC40	mg/kg	140	<130	---	<130	290	<130	350	<130	<130
Total Aromatics >EC5-EC44	mg/kg	209	<130	---	<130	290	---	350	<130	<130
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	<260	277	---	<260	785	<260	528	<260	<260
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	<260	277	---	<260	785	---	528	<260	<260
BTEX and MTBE										
Benzene	mg/kg	<0.005	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	mg/kg	<0.005	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	mg/kg	<0.005	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Xylene (m & p)	mg/kg	<0.005	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Xylene (o)	mg/kg	<0.005	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
MTBE	mg/kg	<0.005	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
PAH										
Naphthalene	mg/kg	0.21	0.09	---	0.13	0.12	---	0.18	0.14	0.12
Acenaphthene	mg/kg	0.16	<0.05	---	0.11	0.16	---	0.14	<0.05	0.07
Acenaphthylene	mg/kg	0.1	0.05	---	0.11	0.07	---	0.13	0.05	0.15
Fluoranthene	mg/kg	2.98	0.95	---	6.05	2.28	---	2.9	0.51	3.86
Anthracene	mg/kg	0.4	0.08	---	0.65	0.27	---	0.79	0.1	0.43
Phenanthrene	mg/kg	1.31	0.65	---	3.61	1.08	---	1.41	0.33	0.99
Fluorene	mg/kg	0.14	<0.04	---	0.11	0.14	---	0.17	<0.04	0.07
Chrysene	mg/kg	1.62	0.49	---	2.42	1.01	---	1.19	0.36	2.34
Pyrene	mg/kg	2.5	0.69	---	4.48	1.72	---	2.31	0.43	3.6
Benzo(a)anthracene	mg/kg	1.56	0.37	---	2.46	0.99	---	1.07	0.3	2.28
Benzo(b)fluoranthene	mg/kg	2.52	0.51	---	2.92	1.2	---	1.31	0.42	3.2
Benzo(k)fluoranthene	mg/kg	0.98	0.2	---	1.13	0.46	---	0.51	0.16	1.24
Benzo(b+k)fluoranthene	mg/kg	3.5	0.71	---	4.05	1.66	---	1.82	0.58	4.44
Benzo(a)pyrene	mg/kg	1.9	0.28	---	2.13	0.88	---	0.91	0.3	2.46
Dibenz(a,h)anthracene	mg/kg	0.28	0.09	---	0.36	0.17	---	0.14	0.07	0.43
Benzo(g,h,i)perylene	mg/kg	1.58	0.29	---	1.45	0.58	---	0.63	0.21	1.63
Indeno(1,2,3-c,d)pyrene	mg/kg	1.49	0.29	---	1.48	0.6	---	0.67	0.19	1.67
PAH 16 Total	mg/kg	19.7	5	---	29.6	11.7	---	14.5	3.6	24.5
Phenolics										
Phenol	mg/kg	---	---	---	---	---	---	---	---	---
VOC										
Styrene	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---

Land West of Warrenby Made Ground Soil



Matrix Description Location Code Matrix Type Lab Report Number Date Depth		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND							
		LWW-SP584-S1		LWW-SP585-S1		LWW-SP585-S1		LWW-SP587-S1		LWW-SP588-S1		LWW-SP589-S1		LWW-SP590-S1		LWW-SP590-S1		LWW-SP590-S1	
		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
		24-5353-53-140624		24-250-238-030524		24-250-238-080524		24-250-244-100524		24-250-261-150524		24-250-268-290524		24-250-271-050624		24-250-271-310524		24-5353-48-140624	
		23 Apr 2024		23 Apr 2024		26 Apr 2024		07 May 2024		10 May 2024		13 May 2024		13 May 2024					
		0		0		0		0											
Unit																			
>C35-C44 Aliphatics	mg/kg	---	<35	---	<35	<35	<35	---	<35	---									
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C40	mg/kg	165	728	---	<130	<130	<130	166	---	---	---	---	---	---	---	<130	<130	<130	<130
Total Aliphatics >C5-C44	mg/kg	---	728	---	<130	<130	<130	166	---	---	---	---	---	---	---	<130	---	---	---
>EC5-EC7 Aromatics	mg/kg	<0.1	<0.1	---	<0.1	<0.1	<0.1	<0.1	---	---	---	---	---	---	<0.1	<0.1	<0.1	<0.1	<0.1
>EC7-EC8 Aromatics	mg/kg	<0.1	<0.1	---	<0.1	<0.1	<0.1	<0.1	---	---	---	---	---	---	<0.1	<0.1	<0.1	<0.1	<0.1
>EC8-EC10 Aromatics	mg/kg	<0.1	<0.1	---	<0.1	<0.1	<0.1	<0.1	---	---	---	---	---	---	<0.1	<0.1	<0.1	<0.1	<0.1
>EC10-EC12 Aromatics	mg/kg	<1	<1	---	<1	<1	<1	<1	---	---	---	---	---	---	<1	<1	<1	<1	<1
>EC12-EC16 Aromatics	mg/kg	<20	<20	---	<20	<20	<20	<20	---	---	---	---	---	---	<20	<20	<20	<20	<20
>EC16-EC21 Aromatics	mg/kg	<35	<35	---	<35	222	67	---	---	---	---	---	---	---	<35	<35	<35	<35	<35
>EC35-EC40 Aromatics	mg/kg	<35	<35	---	<35	37	<35	---	---	---	---	---	---	---	<35	<35	<35	<35	<35
>EC21-EC35 Aromatics	mg/kg	79	233	---	<35	527	227	---	---	---	---	---	---	---	145	---	<35	---	---
>EC35-EC44 Aromatics	mg/kg	---	<35	---	<35	44	<35	---	---	---	---	---	---	---	<35	<35	---	---	---
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC40	mg/kg	<130	233	---	<130	786	294	---	---	---	---	---	---	---	145	---	<130	---	---
Total Aromatics >EC5-EC44	mg/kg	---	233	---	<130	793	294	---	---	---	---	---	---	---	145	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	<260	961	---	<260	786	460	---	---	---	---	---	---	---	<260	<260	<260	<260	<260
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	961	---	<260	793	460	---	---	---	---	---	---	---	<260	<260	---	---	---
BTEx and MTBE																			
Benzene	mg/kg	<0.005	<0.005	---	<0.005	<0.005	<0.005	---	---	---	---	---	---	---	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	mg/kg	<0.005	<0.005	---	<0.005	0.006	<0.005	---	---	---	---	---	---	---	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	mg/kg	<0.005	<0.005	---	<0.005	<0.005	<0.005	---	---	---	---	---	---	---	<0.005	<0.005	<0.005	<0.005	<0.005
Xylene (m & p)	mg/kg	<0.005	<0.005	---	0.007	0.007	<0.005	---	---	---	---	---	---	---	<0.005	<0.005	<0.005	<0.005	<0.005
Xylene (o)	mg/kg	<0.005	<0.005	---	<0.005	<0.005	<0.005	---	---	---	---	---	---	---	<0.005	<0.005	<0.005	<0.005	<0.005
MTBE	mg/kg	<0.005	<0.005	---	<0.005	<0.005	<0.005	---	---	---	---	---	---	---	<0.005	<0.005	<0.005	<0.005	<0.005
PAH																			
Naphthalene	mg/kg	---	0.11	---	0.15	10.76	0.16	---	---	---	---	---	---	---	0.19	---	---	---	---
Acenaphthene	mg/kg	---	<0.05	---	0.15	2.09	0.2	---	---	---	---	---	---	---	0.25	---	---	---	---
Acenaphthylene	mg/kg	---	<0.03	---	0.12	1.91	0.1	---	---	---	---	---	---	---	0.18	---	---	---	---
Fluoranthene	mg/kg	---	0.37	---	3.68	18.86	3.36	---	---	---	---	---	---	---	1.74	---	---	---	---
Anthracene	mg/kg	---	0.06	---	0.56	9.79	0.39	---	---	---	---	---	---	---	0.29	---	---	---	---
Phenanthrene	mg/kg	---	0.24	---	1.65	20.2	1.31	---	---	---	---	---	---	---	1.35	---	---	---	---
Fluorene	mg/kg	---	<0.04	---	0.14	5.55	0.14	---	---	---	---	---	---	---	0.11	---	---	---	---
Chrysene	mg/kg	---	0.21	---	1.59	7.58	1.61	---	---	---	---	---	---	---	0.8	---	---	---	---
Pyrene	mg/kg	---	0.29	---	2.8	13.61	2.72	---	---	---	---	---	---	---	1.26	---	---	---	---
Benzo(a)anthracene	mg/kg	---	0.17	---	1.49	8.37	1.68	---	---	---	---	---	---	---	0.71	---	---	---	---
Benzo(b)fluoranthene	mg/kg	---	0.24	---	1.99	8.28	2.14	---	---	---	---	---	---	---	0.95	---	---	---	---
Benzo(k)fluoranthene	mg/kg	---	0.1	---	0.77	3.22	0.83	---	---	---	---	---	---	---	0.37	---	---	---	---
Benzo(b+k)fluoranthene	mg/kg	---	0.34	---	2.76	11.5	2.97	---	---	---	---	---	---	---	1.32	---	---	---	---
Benzo(a)pyrene	mg/kg	---	0.11	---	1.53	6.63	1.62	---	---	---	---	---	---	---	0.71	---	---	---	---
Dibenz(a,h)anthracene	mg/kg	---	<0.04	---	0.25	1.05	0.26	---	---	---	---	---	---	---	0.11	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	0.1	---	1.04	3.57	1.13	---	---	---	---	---	---	---	0.53	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	0.1	---	1.08	3.93	1.12	---	---	---	---	---	---	---	0.55	---	---	---	---
PAH 16 Total	mg/kg	---	2.1	---	19	125.4	18.8	---	---	---	---	---	---	---	10.1	---	---	---	---
Phenolics																			
Phenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC																			
Styrene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---



Land West of Warrenby Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP591-S1	LWW-SP592-S1	LWW-SP592-S1	LWW-SP594-S1	LWW-SP595-S1	LWW-SP595-S1	LWW-SP596-S1	LWW-SP596-S1	LWW-SP597-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-250-281-030624	24-250-281-030624	24-5353-66-030724	24-250-308-170624	24-250-308-170624	24-250-308-190624	24-250-308-170624	24-250-308-190624	24-250-314-170624
Date		16 May 2024	20 May 2024		30 May 2024	30 May 2024	30 May 2024	30 May 2024	30 May 2024	03 Jun 2024
Depth		0	0		0	0	0	0	0	
	Unit									
>C35-C44 Aliphatics	mg/kg	<35	<35	---	25	31	---	<7	---	<7
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C40	mg/kg	134	<130	<130	457	289	---	157	---	<26
Total Aliphatics >C5-C44	mg/kg	134	<130	---	457	289	---	157	---	<26
>EC5-EC7 Aromatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	---	<0.1	---	<0.1
>EC7-EC8 Aromatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	---	<0.1	---	<0.1
>EC8-EC10 Aromatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	---	<0.1	---	<0.1
>EC10-EC12 Aromatics	mg/kg	<1	<1	<1	<0.2	8.9	---	<0.2	---	<0.2
>EC12-EC16 Aromatics	mg/kg	<20	22	<20	20	15	---	<4	---	<4
>EC16-EC21 Aromatics	mg/kg	73	275	<35	92	46	---	45	---	<7
>EC35-EC40 Aromatics	mg/kg	<35	<35	<35	49	48	---	55	---	<7
>EC21-EC35 Aromatics	mg/kg	375	712	<35	266	184	---	189	---	<7
>EC35-EC44 Aromatics	mg/kg	<35	<35	---	49	48	---	55	---	<7
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC40	mg/kg	448	1,009	<130	427	302	---	289	---	<26
Total Aromatics >EC5-EC44	mg/kg	448	1,009	---	427	302	---	289	---	<26
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	582	1,009	<260	884	591	---	446	---	<52
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	582	1,009	---	884	591	---	446	---	<52
BTEX and MTBE										
Benzene	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	---	<0.005	---	<0.005
Toluene	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	---	<0.005	---	<0.005
Ethylbenzene	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	---	<0.005	---	<0.005
Xylene (m & p)	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	---	<0.005	---	<0.005
Xylene (o)	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	---	<0.005	---	<0.005
MTBE	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	---	<0.005	---	<0.005
PAH										
Naphthalene	mg/kg	0.2	0.49	---	0.46	0.42	---	0.73	---	0.09
Acenaphthene	mg/kg	0.19	1.29	---	0.46	0.63	---	0.58	---	<0.05
Acenaphthylene	mg/kg	0.09	10.59	---	0.44	0.12	---	0.23	---	0.08
Fluoranthene	mg/kg	2.88	60.17	---	18.17	2.83	---	5.94	---	1.03
Anthracene	mg/kg	0.45	13.63	---	1.58	0.41	---	0.77	---	0.1
Phenanthrene	mg/kg	1.81	44.19	---	3.21	2.11	---	4.28	---	0.54
Fluorene	mg/kg	0.16	12.44	---	0.32	0.25	---	0.84	---	<0.04
Chrysene	mg/kg	1.37	19.9	---	7.11	1.31	---	2.84	---	0.51
Pyrene	mg/kg	2.32	39.36	---	14.75	2.22	---	4.86	---	0.9
Benzo(a)anthracene	mg/kg	1.25	26.64	---	7.99	1.26	---	2.98	---	0.43
Benzo(b)fluoranthene	mg/kg	1.69	23.13	---	8.96	1.68	---	4.13	---	0.6
Benzo(k)fluoranthene	mg/kg	0.66	9	---	3.49	0.65	---	1.61	---	0.23
Benzo(b+k)fluoranthene	mg/kg	2.35	32.13	---	12.45	2.33	---	5.74	---	0.83
Benzo(a)pyrene	mg/kg	1.18	16.94	---	6.85	1.22	---	3.35	---	0.37
Dibenz(a,h)anthracene	mg/kg	0.19	3.04	---	0.91	0.18	---	0.48	---	0.07
Benzo(g,h,i)perylene	mg/kg	0.97	9.69	---	4.06	0.8	---	2.23	---	0.29
Indeno(1,2,3-c,d)pyrene	mg/kg	0.9	12.37	---	4.37	0.93	---	2.6	---	0.3
PAH 16 Total	mg/kg	16.3	302.9	---	83.1	17	---	38.5	---	5.5
Phenolics										
Phenol	mg/kg	---	---	---	---	---	---	---	---	---
VOC										
Styrene	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---

Land West of Warrenby Made Ground Soil



Matrix Description Location Code Matrix Type Lab Report Number Date Depth		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND					
		LWW-SP597-S1		LWW-SP598-S1		LWW-SP598-S1		LWW-SP599-S1		LWW-SP603-S8		LWW-SP603-S8		LWW-SP604-S6		LWW-SP604-S6	
		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
		24-250-314-190624		24-250-335-110724		24-250-335-190624		24-250-327-190624		23-9664-112-031023		23-9664-112-290923		23-9664-112-031023		23-9664-112-290923	
		03 Jun 2024		13 Jun 2024		13 Jun 2024		06 Jun 2024		20 Sep 2023		20 Sep 2023		20 Sep 2023		20 Sep 2023	
								0									
	Unit																
>C35-C44 Aliphatics	mg/kg	---	---	<35	<35	---	<7	---	<7								
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---								
Total Aliphatics >C5-C40	mg/kg	---	---	137	<130	---	---	---	---								
Total Aliphatics >C5-C44	mg/kg	---	---	137	<130	---	161	---	149								
>EC5-EC7 Aromatics	mg/kg	---	---	<0.1	<0.1	---	<0.1	---	<0.1								
>EC7-EC8 Aromatics	mg/kg	---	---	<0.1	<0.1	---	<0.1	---	<0.1								
>EC8-EC10 Aromatics	mg/kg	---	---	<0.1	<0.1	---	<0.1	---	<0.1								
>EC10-EC12 Aromatics	mg/kg	---	---	<1	<1	---	<0.2	---	<0.2								
>EC12-EC16 Aromatics	mg/kg	---	---	<20	<20	---	<4	---	<4								
>EC16-EC21 Aromatics	mg/kg	---	---	<35	68	---	16	---	19								
>EC35-EC40 Aromatics	mg/kg	---	---	<35	<35	---	---	---	---								
>EC21-EC35 Aromatics	mg/kg	---	---	191	239	---	152	---	98								
>EC35-EC44 Aromatics	mg/kg	---	---	<35	<35	---	<7	---	<7								
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---								
Total Aromatics >EC5-EC40	mg/kg	---	---	191	307	---	---	---	---								
Total Aromatics >EC5-EC44	mg/kg	---	---	191	307	---	168	---	117								
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---								
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	---	---	328	307	---	---	---	---								
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	328	307	---	329	---	266								
BTEX and MTBE																	
Benzene	mg/kg	---	---	<0.005	<0.005	---	<0.005	---	<0.005								
Toluene	mg/kg	---	---	<0.005	<0.005	---	<0.005	---	<0.005								
Ethylbenzene	mg/kg	---	---	<0.005	<0.005	---	<0.005	---	<0.005								
Xylene (m & p)	mg/kg	---	---	<0.005	<0.005	---	<0.005	---	<0.005								
Xylene (o)	mg/kg	---	---	<0.005	<0.005	---	<0.005	---	<0.005								
MTBE	mg/kg	---	---	<0.005	<0.005	---	<0.005	---	<0.005								
PAH																	
Naphthalene	mg/kg	---	---	0.07	0.18	---	0.24	---	0.33								
Acenaphthene	mg/kg	---	---	<0.05	0.21	---	0.1	---	0.07								
Acenaphthylene	mg/kg	---	---	0.03	0.09	---	0.17	---	0.19								
Fluoranthene	mg/kg	---	---	0.7	2.12	---	3.78	---	4.79								
Anthracene	mg/kg	---	---	0.09	0.34	---	0.46	---	0.4								
Phenanthrene	mg/kg	---	---	0.38	1.36	---	1.86	---	2.43								
Fluorene	mg/kg	---	---	0.04	0.16	---	0.09	---	0.07								
Chrysene	mg/kg	---	---	0.39	1.01	---	2.11	---	2.39								
Pyrene	mg/kg	---	---	0.61	1.71	---	3.26	---	3.66								
Benzo(a)anthracene	mg/kg	---	---	0.39	0.97	---	2.09	---	2.16								
Benzo(b)fluoranthene	mg/kg	---	---	0.5	1.34	---	2.79	---	3.19								
Benzo(k)fluoranthene	mg/kg	---	---	0.19	0.52	---	1.09	---	1.24								
Benzo(b+k)fluoranthene	mg/kg	---	---	0.69	1.86	---	3.88	---	4.43								
Benzo(a)pyrene	mg/kg	---	---	0.36	1.02	---	2.06	---	2.22								
Dibenz(a,h)anthracene	mg/kg	---	---	0.06	0.15	---	0.3	---	0.25								
Benzo(g,h,i)perylene	mg/kg	---	---	0.26	0.67	---	1.71	---	1.96								
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	0.31	0.7	---	2	---	2.14								
PAH 16 Total	mg/kg	---	---	4.4	12.6	---	24.1	---	27.5								
Phenolics																	
Phenol	mg/kg	---	---	---	---	---	---	---	---								
VOC																	
Styrene	mg/kg	---	---	---	---	---	---	---	---								
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---								
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---								
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---								
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---								
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---								
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---								
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---								
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---								
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---								
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---								
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---								
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---								
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---								
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---								
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---								
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---								
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---								
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---								
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---								
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---								
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---								
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---								
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---								
Bromoform	mg/kg	---	---	---	---	---	---	---	---								
Bromomethane	mg/kg	---	---	---	---	---	---	---	---								

Land West of Warrenby Made Ground Soil



Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP605-S2	LWW-SP607-S3	LWW-SP607-S13	LWW-SP608-S1	LWW-SP612-S1	LWW-SP613-S1	LWW-SP616-S1	LWW-SP617-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-9664-121-161023	23-9664-162-301023	23-9664-184-201123	23-9664-164-311023	23-9664-204-301123	23-9664-204-301123	23-9664-220-081223	23-9664-226-040124
Date		27 Sep 2023	23 Oct 2023	09 Nov 2023	24 Oct 2023	22 Nov 2023	22 Nov 2023	30 Nov 2023	04 Dec 2023
Depth			0	0	0	0	0	0	0
	Unit								
>C35-C44 Aliphatics	mg/kg	22	---	<7	18	31	84	54	9
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C40	mg/kg	---	---	---	---	---	---	---	---
Total Aliphatics >C5-C44	mg/kg	394	---	<26	249	211	1,023	626	203
>EC5-EC7 Aromatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>EC7-EC8 Aromatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>EC8-EC10 Aromatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>EC10-EC12 Aromatics	mg/kg	<0.2	---	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
>EC12-EC16 Aromatics	mg/kg	5	---	4	<4	7	11	6	5
>EC16-EC21 Aromatics	mg/kg	82	---	61	54	37	222	88	83
>EC35-EC40 Aromatics	mg/kg	---	---	---	---	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	358	---	204	250	203	947	455	297
>EC35-EC44 Aromatics	mg/kg	37	---	13	36	51	134	73	36
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC40	mg/kg	---	---	---	---	---	---	---	---
Total Aromatics >EC5-EC44	mg/kg	482	---	282	340	298	1,314	622	421
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	876	---	282	589	509	2,337	1,248	624
BTEX and MTBE									
Benzene	mg/kg	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	mg/kg	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	mg/kg	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Xylene (m & p)	mg/kg	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Xylene (o)	mg/kg	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
MTBE	mg/kg	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
PAH									
Naphthalene	mg/kg	0.21	---	0.39	0.36	0.12	0.39	0.43	0.14
Acenaphthene	mg/kg	0.37	---	1.64	0.52	0.08	0.13	0.31	<0.05
Acenaphthylene	mg/kg	0.2	---	0.54	0.21	0.09	0.18	0.1	0.09
Fluoranthene	mg/kg	5.85	---	43.64	9.55	1.64	4.56	3.33	3.59
Anthracene	mg/kg	0.67	---	9.28	1.19	0.17	0.51	0.65	0.3
Phenanthrene	mg/kg	3.35	---	28.63	5.57	0.77	2.03	2.36	2.01
Fluorene	mg/kg	0.29	---	1.68	0.44	0.05	0.18	0.28	<0.04
Chrysene	mg/kg	2.82	---	19.09	4.7	1.19	2.13	1.91	1.87
Pyrene	mg/kg	4.54	---	33.57	7.47	1.38	3.81	2.73	2.77
Benzo(a)anthracene	mg/kg	2.62	---	20.88	4.14	1.1	2.13	1.57	1.66
Benzo(b)fluoranthene	mg/kg	3.36	---	22.69	5.37	1.71	3.11	2.33	2.69
Benzo(k)fluoranthene	mg/kg	1.31	---	8.82	2.09	0.66	1.21	0.91	1.04
Benzo(b+k)fluoranthene	mg/kg	4.67	---	31.51	7.46	2.37	4.32	3.24	3.73
Benzo(a)pyrene	mg/kg	2.42	---	17.12	4.17	1.02	2.26	1.5	1.45
Dibenz(a,h)anthracene	mg/kg	0.22	---	2.16	0.66	0.17	0.38	0.2	0.3
Benzo(g,h,i)perylene	mg/kg	1.38	---	11.77	2.69	0.77	2.14	1.22	1.51
Indeno(1,2,3-c,d)pyrene	mg/kg	1.86	---	10.57	3.14	0.82	2.01	1.1	1.64
PAH 16 Total	mg/kg	31.5	---	232.5	52.3	11.7	27.2	20.9	21.1
Phenolics									
Phenol	mg/kg	---	---	---	---	---	---	---	---
VOC									
Styrene	mg/kg	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---



Land West of Warrenby Made Ground Soil

Matrix Description Location Code Matrix Type Lab Report Number Date Depth		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND					
		LWW-SP618-S1		LWW-SP619-S1		LWW-SP620-S1		LWW-SP621-S1		LWW-SP624-S13		LWW-SP628-S1		LWW-SP628-S1		LWW-SP628-S2		LWW-SP628-S2	
		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
		23-9664-234-191223		23-9664-236-211223		24-250-12-240124		24-250-67-150224		24-250-175-040424		24-250-307-170624		24-5353-43-100624		24-250-313-180624		24-250-313-260624	
		08 Dec 2023		11 Dec 2023		11 Jan 2024		07 Feb 2024		22 Mar 2024		31 May 2024		03 Jun 2024		03 Jun 2024			
0										0		0		0					
	Unit																		
>C35-C44 Aliphatics	mg/kg	41	183	24	<7	20	94	---	<7	---									
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	---									
Total Aliphatics >C5-C40	mg/kg	---	---	---	---	---	736	<130	<26	---									
Total Aliphatics >C5-C44	mg/kg	688	3,454	960	57	396	779	---	<26	---									
>EC5-EC7 Aromatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1									
>EC7-EC8 Aromatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1									
>EC8-EC10 Aromatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1									
>EC10-EC12 Aromatics	mg/kg	<0.2	<0.6	<0.2	<0.2	0.6	<0.2	<1	<0.2	<1									
>EC12-EC16 Aromatics	mg/kg	8	27	9	<4	10	<4	<20	<4	<4									
>EC16-EC21 Aromatics	mg/kg	145	563	75	46	219	82	<35	23	---									
>EC35-EC40 Aromatics	mg/kg	---	---	---	---	---	88	<35	<7	---									
>EC21-EC35 Aromatics	mg/kg	685	2,790	475	193	400	459	<35	<7	---									
>EC35-EC44 Aromatics	mg/kg	61	274	29	13	42	88	---	<7	---									
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---	---									
Total Aromatics >EC5-EC40	mg/kg	---	---	---	---	---	629	<130	<26	---									
Total Aromatics >EC5-EC44	mg/kg	899	3,654	588	252	672	629	---	<26	---									
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---									
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	1,365	<260	<52	---									
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	1,587	7,108	1,548	309	1,068	1,408	---	<52	---									
BTEX and MTBE																			
Benzene	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005									
Toluene	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005									
Ethylbenzene	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005									
Xylene (m & p)	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005									
Xylene (o)	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005									
MTBE	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005									
PAH																			
Naphthalene	mg/kg	0.18	0.16	0.5	0.11	0.22	0.49	---	0.33	---									
Acenaphthene	mg/kg	0.09	0.08	0.07	<0.05	0.12	0.31	---	0.16	---									
Acenaphthylene	mg/kg	0.28	0.2	0.17	0.15	0.28	0.04	---	0.08	---									
Fluoranthene	mg/kg	4	3.41	2.96	5.69	7.25	4.31	---	2.21	---									
Anthracene	mg/kg	0.77	0.51	0.42	0.46	1.06	0.6	---	0.3	---									
Phenanthrene	mg/kg	2.31	1.87	1.35	0.65	2.31	2.11	---	1.59	---									
Fluorene	mg/kg	0.23	0.13	0.1	0.05	0.14	0.32	---	0.1	---									
Chrysene	mg/kg	1.76	1.73	1.5	2.61	3.69	2.75	---	0.96	---									
Pyrene	mg/kg	3.27	2.78	2.49	5.13	6.02	3.84	---	1.64	---									
Benzo(a)anthracene	mg/kg	1.99	1.68	1.42	2.83	3.35	2.62	---	0.97	---									
Benzo(b)fluoranthene	mg/kg	2.4	2.35	2.03	7.03	5.14	3.97	---	1.13	---									
Benzo(k)fluoranthene	mg/kg	0.93	0.91	0.79	2.73	2	1.55	---	0.44	---									
Benzo(b+k)fluoranthene	mg/kg	3.33	3.26	2.82	9.76	7.14	5.52	---	1.57	---									
Benzo(a)pyrene	mg/kg	1.71	1.55	1.44	5.23	3.51	3.26	---	0.81	---									
Dibenz(a,h)anthracene	mg/kg	0.31	0.27	0.26	0.44	0.6	0.46	---	0.14	---									
Benzo(g,h,i)perylene	mg/kg	1.12	1.08	1.16	4.34	2.95	2.25	---	0.58	---									
Indeno(1,2,3-c,d)pyrene	mg/kg	1.62	1.91	1.17	4.95	3.02	2.59	---	0.54	---									
PAH 16 Total	mg/kg	23	20.6	17.8	42.4	41.7	31.5	---	12	---									
Phenolics																			
Phenol	mg/kg	---	---	---	---	---	---	---	---	---									
VOC																			
Styrene	mg/kg	---	---	---	---	---	---	---	---	---									
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---									
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---									
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---									
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---									
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---									
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---									
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---									
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---									
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---									
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---									
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---									
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---									
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---									
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---									
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---									
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---									
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---									
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---									
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---									
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---									
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---									
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---									
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---									
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---									
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---									

Land West of Warrenby Made Ground Soil



Matrix Description Location Code Matrix Type Lab Report Number Date Depth		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND							
		LWW-SP628-S2		LWW-SP629-S1		LWW-SP629-S1		LWW-SP630-S1		LWW-SP631-S1		LWW-SP631-S15		LWW-SP634-S1		LWW-SP637-S1		LWW-SP637-S1	
		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
		24-5353-45-120624		24-250-149-260424		24-250-167-280324		24-250-147-160424		24-250-147-160424		24-250-149-260424		24-250-227-290424		24-250-247-150524		24-5353-27-210524	
		14 Mar 2024				14 Mar 2024		14 Mar 2024		14 Mar 2024		14 Mar 2024		17 Apr 2024		29 Apr 2024			
	Unit																		
>C35-C44 Aliphatics	mg/kg	---	<7	---	8	<7	21	<35	89	---									
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---	---	101									
Total Aliphatics >C5-C40	mg/kg	<130	<26	<26	259	<26	255	<130	1,201	---									
Total Aliphatics >C5-C44	mg/kg	---	<26	---	267	<26	258	<130	1,208	---									
>EC5-EC7 Aromatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1									
>EC7-EC8 Aromatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1									
>EC8-EC10 Aromatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1									
>EC10-EC12 Aromatics	mg/kg	<1	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<1	<1									
>EC12-EC16 Aromatics	mg/kg	<20	<4	<4	8	<4	7	<20	<20	<20									
>EC16-EC21 Aromatics	mg/kg	<35	<7	<7	101	<7	87	<35	240	66									
>EC35-EC40 Aromatics	mg/kg	<35	<7	<7	33	<7	46	<35	129	---									
>EC21-EC35 Aromatics	mg/kg	<35	<7	43	455	<7	432	<35	1,146	284									
>EC35-EC44 Aromatics	mg/kg	---	<7	---	35	<7	53	<35	148	---									
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---	---	350									
Total Aromatics >EC5-EC40	mg/kg	<130	<26	43	597	<26	572	<130	1,515	---									
Total Aromatics >EC5-EC44	mg/kg	---	<26	---	599	<26	579	<130	1,534	---									
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	451									
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	<260	<52	<52	856	<52	827	<260	2,716	---									
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	<52	---	866	<52	837	<260	2,742	---									
BTEx and MTBE																			
Benzene	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005									
Toluene	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005									
Ethylbenzene	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005									
Xylene (m & p)	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005									
Xylene (o)	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005									
MTBE	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005									
PAH																			
Naphthalene	mg/kg	---	<0.04	---	1.15	<0.04	0.33	0.15	0.76	---									
Acenaphthene	mg/kg	---	<0.05	---	0.99	<0.05	0.14	0.06	1.24	---									
Acenaphthylene	mg/kg	---	<0.03	---	1.84	<0.03	0.18	0.09	0.67	---									
Fluoranthene	mg/kg	---	0.29	---	38.98	0.59	4.71	2.27	24.05	---									
Anthracene	mg/kg	---	<0.04	---	21.7	0.05	0.71	0.27	2.95	---									
Phenanthrene	mg/kg	---	0.13	---	29.68	0.33	3.06	1.07	12.79	---									
Fluorene	mg/kg	---	<0.04	---	3.93	<0.04	0.2	0.07	1.03	---									
Chrysene	mg/kg	---	0.22	---	17.59	0.37	2.19	1.12	7.45	---									
Pyrene	mg/kg	---	0.25	---	32.45	0.5	3.6	1.87	17.29	---									
Benzo(a)anthracene	mg/kg	---	0.2	---	18.1	0.3	2.1	0.92	7.4	---									
Benzo(b)fluoranthene	mg/kg	---	0.27	---	21.78	0.47	2.79	1.48	9.55	---									
Benzo(k)fluoranthene	mg/kg	---	0.11	---	8.47	0.18	1.08	0.58	3.71	---									
Benzo(b+k)fluoranthene	mg/kg	---	0.38	---	30.25	0.65	3.87	2.06	13.26	---									
Benzo(a)pyrene	mg/kg	---	0.25	---	18.13	0.28	1.88	0.94	5.05	---									
Dibenz(a,h)anthracene	mg/kg	---	<0.04	---	2.19	0.06	0.36	0.15	0.85	---									
Benzo(g,h,i)perylene	mg/kg	---	0.15	---	13.63	0.28	1.47	0.96	4.08	---									
Indeno(1,2,3-c,d)pyrene	mg/kg	---	0.16	---	13.29	0.24	1.6	0.88	4.63	---									
PAH 16 Total	mg/kg	---	2	---	243.9	3.7	26.4	12.9	103.5	---									
Phenolics																			
Phenol	mg/kg	---	---	---	---	---	---	---	---	---									
VOC																			
Styrene	mg/kg	---	---	---	---	---	---	---	---	---									
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---									
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---									
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---									
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---									
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---									
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---									
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---									
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---									
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---									
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---									
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---									
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---									
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---									
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---									
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---									
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---									
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---									
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---									
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---									
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---									
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---									
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---									
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---									
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---									
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---									

Land West of Warrenby Made Ground Soil



Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP638-S1	LWW-SP639-S1	LWW-SP641-S1	LWW-SP641-S1	LWW-SP651-S1	LWW-SP651-S1	LWW-SP651-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-250-281-030624	24-250-281-030624	24-250-313-180624	24-5353-45-120624	24-250-507-130924	24-5353-128-100924	24-5353-128-300924
Date		16 May 2024	16 May 2024	03 Jun 2024		29 Aug 2024	29 Aug 2024	29 Aug 2024
Depth		0	0	0				
	Unit							
>C35-C44 Aliphatics	mg/kg	<35	<35	<7	---	---	---	---
Total Aliphatics >C5-C35	mg/kg	---	---	---	---	---	---	---
Total Aliphatics >C5-C40	mg/kg	<130	<130	<26	<130	<130	<130	---
Total Aliphatics >C5-C44	mg/kg	<130	<130	<26	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	---
>EC7-EC8 Aromatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	---
>EC8-EC10 Aromatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	---
>EC10-EC12 Aromatics	mg/kg	<1	<1	<0.2	<1	<1	<1	---
>EC12-EC16 Aromatics	mg/kg	<20	<20	33	<20	<20	<20	---
>EC16-EC21 Aromatics	mg/kg	<35	<35	353	<35	<35	<35	---
>EC35-EC40 Aromatics	mg/kg	<35	<35	82	<35	<35	<35	---
>EC21-EC35 Aromatics	mg/kg	53	<35	852	<35	<35	<35	---
>EC35-EC44 Aromatics	mg/kg	<35	<35	88	---	---	---	---
Total Aromatics >EC5-EC35	mg/kg	---	---	---	---	---	---	---
Total Aromatics >EC5-EC40	mg/kg	<130	<130	1,320	<130	<130	<130	---
Total Aromatics >EC5-EC44	mg/kg	<130	<130	1,326	---	---	---	---
TPH >C5-C35 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	<260	<260	1,320	<260	<260	<260	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	<260	<260	1,326	---	---	---	---
BTEX and MTBE								
Benzene	mg/kg	<0.005	<0.005	<0.005	<0.005	---	<0.005	---
Toluene	mg/kg	<0.005	<0.005	<0.005	<0.005	---	0.005	---
Ethylbenzene	mg/kg	<0.005	<0.005	<0.005	<0.005	---	<0.005	---
Xylene (m & p)	mg/kg	<0.005	<0.005	0.007	<0.005	---	<0.005	---
Xylene (o)	mg/kg	<0.005	<0.005	0.007	<0.005	---	<0.005	---
MTBE	mg/kg	<0.005	<0.005	0.009	<0.005	---	<0.005	---
PAH								
Naphthalene	mg/kg	0.05	0.17	0.29	---	---	---	---
Acenaphthene	mg/kg	<0.05	<0.05	0.12	---	---	---	---
Acenaphthylene	mg/kg	<0.03	0.12	0.13	---	---	---	---
Fluoranthene	mg/kg	0.9	0.77	4.28	---	---	---	---
Anthracene	mg/kg	0.1	0.14	0.59	---	---	---	---
Phenanthrene	mg/kg	0.49	0.55	1.96	---	---	---	---
Fluorene	mg/kg	<0.04	0.08	0.1	---	---	---	---
Chrysene	mg/kg	0.57	0.39	1.8	---	---	---	---
Pyrene	mg/kg	0.72	0.66	3.48	---	---	---	---
Benzo(a)anthracene	mg/kg	0.54	0.4	1.69	---	---	---	---
Benzo(b)fluoranthene	mg/kg	0.72	0.48	2.38	---	---	---	---
Benzo(k)fluoranthene	mg/kg	0.28	0.18	0.92	---	---	---	---
Benzo(b+k)fluoranthene	mg/kg	1	0.66	3.3	---	---	---	---
Benzo(a)pyrene	mg/kg	0.48	0.34	1.75	---	---	---	---
Dibenz(a,h)anthracene	mg/kg	0.1	0.06	0.32	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	0.43	0.27	1.13	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	0.38	0.25	1.14	---	---	---	---
PAH 16 Total	mg/kg	5.8	4.9	22.1	---	---	---	---
Phenolics								
Phenol	mg/kg	---	---	---	---	---	---	---
VOC								
Styrene	mg/kg	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---



Land West of Warrenby Made Ground Soil

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
		LWW-SP012-S1	LWW-SP012-S1	LWW-SP014-S1	LWW-SP014-S1	LWW-SP015-S1	LWW-SP015-S1	LWW-SP019-S1	LWW-SP020-S2	LWW-SP025-S1
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		24-250-335-110724	24-250-335-190624	24-250-335-110724	24-250-335-190624	24-250-335-110724	24-250-335-190624	24-250-365-090724	24-250-394-120724	24-250-406-240724
		13 Jun 2024	13 Jun 2024	13 Jun 2024	13 Jun 2024	13 Jun 2024	13 Jun 2024	20 Jun 2024	03 Jul 2024	08 Jul 2024
								0		
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	---
VOC/SVOC										
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	---
SVOC										
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
SVOC TIC										
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Dodecane, 4,6-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
4-(thian-4-yl)thiane	mg/kg	---	---	---	---	---	---	---	---	---
VOC TIC										
VOC TICs - Detect	Detect	---	---	---	---	---	---	---	---	---



Land West of Warrenby Made Ground Soil

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
		LWW-SP025-S1	LWW-SP032-S2	LWW-SP032-S2	LWW-SP032-S2	LWW-SP032-S2	LWW-SP033-S1	LWW-SP033-S1	LWW-SP034-S1	LWW-SP034-S1
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		24-5353-91-180724	24-250-465-190824	24-250-465-210824	24-5353-115-041024	24-5353-115-230824	24-250-474-220824	24-5353-118-270824	24-250-474-220824	24-5353-118-270824
		08 Jul 2024	12 Aug 2024	12 Aug 2024	12 Aug 2024	12 Aug 2024	14 Aug 2024	14 Aug 2024	14 Aug 2024	14 Aug 2024
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	---
VOC/SVOC										
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	---
SVOC										
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
SVOC TIC										
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Dodecane, 4,6-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
4-(thian-4-yl)thiane	mg/kg	---	---	---	---	---	---	---	---	---
VOC TIC										
VOC TICs - Detect	Detect	---	---	---	---	---	---	---	---	---



Land West of Warrenby Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP035-S1	LWW-SP035-S1	LWW-SP036-S1	LWW-SP036-S1	LWW-SP517-S14	LWW-SP520-S6	LWW-SP520-S6	LWW-SP521-S4
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-250-477-280824	24-250-477-290824	24-250-491-050924	24-5353-125-100924	23-9664-114-051023	23-9664-112-031023	23-9664-112-290923	23-9664-112-031023
Date		15 Aug 2024	15 Aug 2024	21 Aug 2024	21 Aug 2024	21 Sep 2023	20 Sep 2023	20 Sep 2023	20 Sep 2023
Depth						0			
	Unit								
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---
VOC/SVOC									
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---
SVOC									
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---
SVOC TIC									
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	---	---	---	---	---	---	---	---
Dodecane, 4,6-dimethyl-	mg/kg	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---
4-(thian-4-yl)thiane	mg/kg	---	---	---	---	---	---	---	---
VOC TIC									
VOC TICs - Detect	Detect	---	---	---	---	---	---	---	---

Land West of Warrenby Made Ground Soil



Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP521-S4	LWW-SP521-S9	LWW-SP525-S3	LWW-SP525-S9	LWW-SP526-S1	LWW-SP528-S5	LWW-SP530-S7	LWW-SP530-S14
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-9664-112-290923	23-9664-121-161023	23-9664-133-101023	23-9664-143-191023	23-18173-1-101123	23-9664-143-191023	23-9664-162-301023	23-9664-184-081223
Date		20 Sep 2023	27 Sep 2023	03 Oct 2023	11 Oct 2023	30 Oct 2023	11 Oct 2023	23 Oct 2023	09 Nov 2023
Depth								0	0
	Unit								
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---
VOC/SVOC									
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---
SVOC									
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---
SVOC TIC									
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	---	---	---	---	---	---	---	---
Dodecane, 4,6-dimethyl-	mg/kg	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---
4-(thian-4-yl)thiane	mg/kg	---	---	---	---	---	---	---	---
VOC TIC									
VOC TICs - Detect	Detect	---	---	---	---	---	---	---	---

Land West of Warrenby Made Ground Soil



Matrix Description Location Code Matrix Type Lab Report Number Date Depth		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
		LWW-SP532-S3	LWW-SP532-S12	LWW-SP533-S1	LWW-SP534-S1	LWW-SP534-S1	LWW-SP535-S1	LWW-SP535-S1	LWW-SP536-S1
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-9664-162-301023	23-9664-184-201123	23-9664-164-311023	23-9664-179-131123	23-9664-179-211123	23-9664-179-131123	23-9664-179-211123	
		23 Oct 2023	09 Nov 2023	24 Oct 2023	06 Nov 2023	06 Nov 2023	06 Nov 2023	06 Nov 2023	06 Nov 2023
Depth		0	0	0	0	0	0	0	0
	Unit								
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---
VOC/SVOC									
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---
SVOC									
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---
SVOC TIC									
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	---	---	---	---	---	---	---	---
Dodecane, 4,6-dimethyl-	mg/kg	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---
4-(thian-4-yl)thiane	mg/kg	---	---	---	---	---	---	---	---
VOC TIC									
VOC TICs - Detect	Detect	---	---	---	---	---	---	---	---



Land West of Warrenby Made Ground Soil

Matrix Description Location Code Matrix Type Lab Report Number Date Depth		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
		LWW-SP536-S1	LWW-SP537-S1	LWW-SP537-S1	LWW-SP538-S1	LWW-SP540-S1	LWW-SP540-S1	LWW-SP541-S1	LWW-SP542-S1
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		23-9664-179-211123	23-9664-179-131123	23-9664-179-211123	23-9664-202-291123	23-9664-210-071223	23-9664-210-111223	23-9664-232-151223	23-9664-236-211223
Date		06 Nov 2023	06 Nov 2023	06 Nov 2023	21 Nov 2023	23 Nov 2023	23 Nov 2023	07 Dec 2023	11 Dec 2023
Depth		0	0	0				0	
	Unit								
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---
VOC/SVOC									
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---
SVOC									
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---
SVOC TIC									
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	---	---	---	---	---	---	---	---
Dodecane, 4,6-dimethyl-	mg/kg	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---
4-(thian-4-yl)thiane	mg/kg	---	---	---	---	---	---	---	---
VOC TIC									
VOC TICs - Detect	Detect	---	---	---	---	---	---	---	---



Land West of Warrenby Made Ground Soil

Matrix Description Location Code Matrix Type Lab Report Number Date Depth										
	MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND	
	LWW-SP543-S1		LWW-SP543-S1		LWW-SP544-S1		LWW-SP545-S1		LWW-SP546-S1	
	Soil		Soil		Soil		Soil		Soil	
	23-9664-238-211223		23-9664-238-211223		23-9664-249-281223		24-250-7-240124		24-250-6-240124	
Unit	12 Dec 2023		12 Dec 2023		18 Dec 2023		09 Jan 2024		09 Jan 2024	
	0		0		0		0		0	
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	---
VOC/SVOC										
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	---
SVOC										
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
SVOC TIC										
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Dodecane, 4,6-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
4-(thian-4-yl)thiane	mg/kg	---	---	---	---	---	---	---	---	---
VOC TIC										
VOC TICs - Detect	Detect	---	---	---	---	---	---	---	---	---



Land West of Warrenby Made Ground Soil

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
		LWW-SP550-S1	LWW-SP551-S1	LWW-SP552-S1	LWW-SP553-S1	LWW-SP554-S1	LWW-SP555-S1	LWW-SP556-S5	LWW-SP557-S1	LWW-SP558-S2
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		24-250-35-060224	24-250-41-050224	24-250-41-050224	24-250-55-140224	24-250-55-140224	24-250-67-150224	24-250-85-260224	24-250-85-260224	24-250-99-080324
		23 Jan 2024	25 Jan 2024	25 Jan 2024	02 Feb 2024	02 Feb 2024	07 Feb 2024	15 Feb 2024	15 Feb 2024	21 Feb 2024
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	---
VOC/SVOC										
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	---
SVOC										
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
SVOC TIC										
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Dodecane, 4,6-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
4-(thian-4-yl)thiane	mg/kg	---	---	---	---	---	---	---	---	---
VOC TIC										
VOC TICs - Detect	Detect	---	---	---	---	---	---	---	---	---



Land West of Warrenby Made Ground Soil

Matrix Description Location Code Matrix Type Lab Report Number Date Depth		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND							
		LWW-SP559-S1		LWW-SP564-S1		LWW-SP565-S1		LWW-SP566-S7		LWW-SP566-S7		LWW-SP567-S1		LWW-SP568-S1		LWW-SP569-S1		LWW-SP570-S1	
		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
		24-250-99-080324		24-250-115-110324		24-250-122-250424		24-250-168-090424		24-250-168-090424		24-250-164-280324		24-250-164-280324		24-250-164-280324		24-250-164-280324	
21 Feb 2024		04 Mar 2024		06 Mar 2024		20 Mar 2024		20 Mar 2024		18 Mar 2024		18 Mar 2024		18 Mar 2024		18 Mar 2024		18 Mar 2024	
0		0		0		0		0		0		0		0		0		0	
	Unit																		
Carbon tetrachloride	mg/kg	---	---	---	<0.004	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	<0.003	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	<0.002	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	<0.003	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	<0.003	---	---	---	---	---	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	<0.003	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	<0.003	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	<0.002	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	<0.007	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	<0.003	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	<0.004	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	<0.004	---	---	---	---	---	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	<0.004	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	<0.004	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	<0.003	---	---	---	---	---	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	<0.005	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	<0.003	---	---	---	---	---	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	<0.003	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	<0.002	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	<0.002	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC/SVOC																			
1,2,3-trichlorobenzene	mg/kg	---	---	---	<0.007	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	<0.007	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	<0.004	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	<0.004	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	<0.004	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	<0.003	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	<0.004	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SVOC																			
4-bromophenyl phenyl ether	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	0.062	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	<0.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	<0.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	0.091	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	0.096	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	<0.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	<0.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	<0.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	<0.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SVOC TIC																			
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	---	---	---	1.272	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dodecane, 4,6-dimethyl-	mg/kg	---	---	---	0.437	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	0.734	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-(thian-4-yl)thiane	mg/kg	---	---	---	0.441	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC TIC																			
VOC TICs - Detect	Detect	---	---	---	0	---	---	---	---	---	---	---	---	---	---	---	---	---	---



Land West of Warrenby Made Ground Soil

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
		LWW-SP571-S1	LWW-SP572-S1	LWW-SP572-S1	LWW-SP574-S1	LWW-SP579-S1	LWW-SP579-S1	LWW-SP582-S1	LWW-SP583-S1	LWW-SP584-S1
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		24-250-191-090424	24-250-191-090424	24-250-191-100424	24-250-222-220424	24-250-238-030524	24-5353-53-140624	24-250-238-030524	24-250-235-010524	24-250-238-030524
		26 Mar 2024	26 Mar 2024	26 Mar 2024	12 Apr 2024	23 Apr 2024		23 Apr 2024	23 Apr 2024	23 Apr 2024
	Depth	0	0	0	0	0		0	0	0
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	---
VOC/SVOC										
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	---
SVOC										
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
SVOC TIC										
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Dodecane, 4,6-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---
4-(thian-4-yl)thiane	mg/kg	---	---	---	---	---	---	---	---	---
VOC TIC										
VOC TICs - Detect	Detect	---	---	---	---	---	---	---	---	---



Land West of Warrenby Made Ground Soil

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
		LWW-SP584-S1	LWW-SP585-S1	LWW-SP585-S1	LWW-SP587-S1	LWW-SP588-S1	LWW-SP589-S1	LWW-SP590-S1	LWW-SP590-S1	LWW-SP590-S1
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		24-5353-53-140624	24-250-238-030524	24-250-238-080524	24-250-244-100524	24-250-261-150524	24-250-268-290524	24-250-271-050624	24-250-271-310524	24-5353-48-140624
		23 Apr 2024	23 Apr 2024	23 Apr 2024	26 Apr 2024	07 May 2024	10 May 2024	13 May 2024	13 May 2024	
		0	0	0	0	0	0	0	0	0
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	---
VOC/SVOC										
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	---
SVOC										
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---
SVOC TIC										
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Dodecane, 4,6-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
1-methylanthracene	mg/kg	---	---	---	---	---	---	---	---	---
4-(thian-4-yl)thiane	mg/kg	---	---	---	---	---	---	---	---	---
VOC TIC										
VOC TICs - Detect	Detect	---	---	---	---	---	---	---	---	---



Land West of Warrenby Made Ground Soil

Matrix Description Location Code Matrix Type Lab Report Number Date Depth		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND									
		LWW-SP591-S1		LWW-SP592-S1		LWW-SP592-S1		LWW-SP594-S1		LWW-SP595-S1		LWW-SP595-S1		LWW-SP596-S1		LWW-SP596-S1		LWW-SP596-S1		LWW-SP596-S1	
		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
		24-250-281-030624		24-250-281-030624		24-5353-66-030724		24-250-308-170624		24-250-308-170624		24-250-308-190624		24-250-308-170624		24-250-308-170624		24-250-308-190624		24-250-314-170624	
16 May 2024		20 May 2024				30 May 2024		30 May 2024		30 May 2024		30 May 2024		30 May 2024		30 May 2024		30 May 2024		03 Jun 2024	
0		0				0		0		0		0		0		0		0			
	Unit																				
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC/SVOC																					
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SVOC																					
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SVOC TIC																					
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dodecane, 4,6-dimethyl-	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4-(thian-4-yl)thiane	mg/kg	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC TIC																					
VOC TICs - Detect	Detect	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---



Land West of Warrenby Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP597-S1	LWW-SP598-S1	LWW-SP598-S1	LWW-SP599-S1	LWW-SP603-S8	LWW-SP603-S8	LWW-SP604-S6	LWW-SP604-S6
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-250-314-190624	24-250-335-110724	24-250-335-190624	24-250-327-190624	23-9664-112-031023	23-9664-112-290923	23-9664-112-031023	23-9664-112-290923
Date		03 Jun 2024	13 Jun 2024	13 Jun 2024	06 Jun 2024	20 Sep 2023	20 Sep 2023	20 Sep 2023	20 Sep 2023
Depth					0				
	Unit								
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---
VOC/SVOC									
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---
SVOC									
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---
SVOC TIC									
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	---	---	---	---	---	---	---	---
Dodecane, 4,6-dimethyl-	mg/kg	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---
4-(thian-4-yl)thiane	mg/kg	---	---	---	---	---	---	---	---
VOC TIC									
VOC TICs - Detect	Detect	---	---	---	---	---	---	---	---



Land West of Warrenby Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP605-S2	LWW-SP607-S3	LWW-SP607-S13	LWW-SP608-S1	LWW-SP612-S1	LWW-SP613-S1	LWW-SP616-S1	LWW-SP617-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-9664-121-161023	23-9664-162-301023	23-9664-184-201123	23-9664-164-311023	23-9664-204-301123	23-9664-204-301123	23-9664-220-081223	23-9664-226-040124
Date		27 Sep 2023	23 Oct 2023	09 Nov 2023	24 Oct 2023	22 Nov 2023	22 Nov 2023	30 Nov 2023	04 Dec 2023
Depth			0	0	0	0	0	0	0
	Unit								
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---
VOC/SVOC									
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---
SVOC									
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---
SVOC TIC									
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	---	---	---	---	---	---	---	---
Dodecane, 4,6-dimethyl-	mg/kg	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---
4-(thian-4-yl)thiane	mg/kg	---	---	---	---	---	---	---	---
VOC TIC									
VOC TICs - Detect	Detect	---	---	---	---	---	---	---	---



Land West of Warrenby Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP618-S1	LWW-SP619-S1	LWW-SP620-S1	LWW-SP621-S1	LWW-SP624-S13	LWW-SP628-S1	LWW-SP628-S1	LWW-SP628-S2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-9664-234-191223	23-9664-236-211223	24-250-12-240124	24-250-67-150224	24-250-175-040424	24-250-307-170624	24-5353-43-100624	24-250-313-180624
Date		08 Dec 2023	11 Dec 2023	11 Jan 2024	07 Feb 2024	22 Mar 2024	31 May 2024		03 Jun 2024
Depth		0					0		0
	Unit								
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---
VOC/SVOC									
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---
SVOC									
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---
SVOC TIC									
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	---	---	---	---	---	---	---	---
Dodecane, 4,6-dimethyl-	mg/kg	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---
4-(thian-4-yl)thiane	mg/kg	---	---	---	---	---	---	---	---
VOC TIC									
VOC TICs - Detect	Detect	---	---	---	---	---	---	---	---



Land West of Warrenby Made Ground Soil

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
		LWW-SP628-S2	LWW-SP629-S1	LWW-SP629-S1	LWW-SP630-S1	LWW-SP631-S1	LWW-SP631-S15	LWW-SP634-S1	LWW-SP637-S1
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		24-5353-45-120624	24-250-149-260424	24-250-167-280324	24-250-147-160424	24-250-147-160424	24-250-149-260424	24-250-227-290424	24-250-247-150524
			14 Mar 2024		14 Mar 2024	14 Mar 2024	14 Mar 2024	17 Apr 2024	29 Apr 2024
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---
VOC/SVOC									
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---
SVOC									
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---	---
SVOC TIC									
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	---	---	---	---	---	---	---	---
Dodecane, 4,6-dimethyl-	mg/kg	---	---	---	---	---	---	---	---
1-methylanthracene	mg/kg	---	---	---	---	---	---	---	---
4-(thian-4-yl)thiane	mg/kg	---	---	---	---	---	---	---	---
VOC TIC									
VOC TICs - Detect	Detect	---	---	---	---	---	---	---	---

Land West of Warrenby Made Ground Soil



Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP638-S1	LWW-SP639-S1	LWW-SP641-S1	LWW-SP641-S1	LWW-SP651-S1	LWW-SP651-S1	LWW-SP651-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-250-281-030624	24-250-281-030624	24-250-313-180624	24-5353-45-120624	24-250-507-130924	24-5353-128-100924	24-5353-128-300924
Date		16 May 2024	16 May 2024	03 Jun 2024		29 Aug 2024	29 Aug 2024	29 Aug 2024
Depth		0	0	0				
	Unit							
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---
VOC/SVOC								
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---
SVOC								
4-bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---
4-nitroaniline	mg/kg	---	---	---	---	---	---	---
4-nitrophenol	mg/kg	---	---	---	---	---	---	---
2,4,5-trichlorophenol	mg/kg	---	---	---	---	---	---	---
2,4,6-trichlorophenol	mg/kg	---	---	---	---	---	---	---
2,4-dichlorophenol	mg/kg	---	---	---	---	---	---	---
2,4-dimethylphenol	mg/kg	---	---	---	---	---	---	---
2,4-dinitrotoluene	mg/kg	---	---	---	---	---	---	---
2,6-dinitrotoluene	mg/kg	---	---	---	---	---	---	---
2-chloronaphthalene	mg/kg	---	---	---	---	---	---	---
2-chlorophenol	mg/kg	---	---	---	---	---	---	---
2-methylnaphthalene	mg/kg	---	---	---	---	---	---	---
2-methylphenol	mg/kg	---	---	---	---	---	---	---
2-nitroaniline	mg/kg	---	---	---	---	---	---	---
2-nitrophenol	mg/kg	---	---	---	---	---	---	---
3-nitroaniline	mg/kg	---	---	---	---	---	---	---
4-chloro-3-methylphenol	mg/kg	---	---	---	---	---	---	---
4-chloroaniline	mg/kg	---	---	---	---	---	---	---
4-chlorophenyl phenyl ether	mg/kg	---	---	---	---	---	---	---
4-methylphenol	mg/kg	---	---	---	---	---	---	---
Azobenzene	mg/kg	---	---	---	---	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	---	---	---	---	---
Butyl benzyl phthalate	mg/kg	---	---	---	---	---	---	---
Carbazole	mg/kg	---	---	---	---	---	---	---
Dibenzofuran	mg/kg	---	---	---	---	---	---	---
Diethylphthalate	mg/kg	---	---	---	---	---	---	---
Dimethyl phthalate	mg/kg	---	---	---	---	---	---	---
Di-n-butyl phthalate	mg/kg	---	---	---	---	---	---	---
Di-n-octyl phthalate	mg/kg	---	---	---	---	---	---	---
Hexachlorobenzene	mg/kg	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	---	---	---	---	---	---	---
Hexachloroethane	mg/kg	---	---	---	---	---	---	---
Isophorone	mg/kg	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	---	---	---	---	---	---	---
N-nitrosodi-n-propylamine	mg/kg	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	---	---	---	---	---	---	---
SVOC TIC								
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	---	---	---	---	---	---	---
Dodecane, 4,6-dimethyl-	mg/kg	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---
4-(thian-4-yl)thiane	mg/kg	---	---	---	---	---	---	---
VOC TIC								
VOC TICs - Detect	Detect	---	---	---	---	---	---	---



Land West of Warrenby Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP012-S1	LWW-SP012-S1	LWW-SP014-S1	LWW-SP014-S1	LWW-SP015-S1	LWW-SP015-S1	LWW-SP019-S1	LWW-SP020-S2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-250-335-110724	24-250-335-190624	24-250-335-110724	24-250-335-190624	24-250-335-110724	24-250-335-190624	24-250-365-090724	24-250-394-120724
Date		13 Jun 2024	13 Jun 2024	13 Jun 2024	13 Jun 2024	13 Jun 2024	13 Jun 2024	20 Jun 2024	03 Jul 2024
Depth								0	08 Jul 2024
	Unit								
Calorific Value									
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---
Other									
Natural Moisture Content	percent	---	9.1	---	3.3	---	11	12.7	9.7
Organic Matter	%	---	10.3	---	3.1	---	7.8	4.5	3.2
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---
Moisture Content 105C	%	12.2	---	4.3	---	12.7	---	13.4	11.6
pH (Lab)	pH_Units	---	9.48	---	8.96	---	9.63	10.27	10.19



Land West of Warrenby Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP025-S1	LWW-SP032-S2	LWW-SP032-S2	LWW-SP032-S2	LWW-SP032-S2	LWW-SP033-S1	LWW-SP033-S1	LWW-SP034-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-5353-91-180724	24-250-465-190824	24-250-465-210824	24-5353-115-041024	24-5353-115-230824	24-250-474-220824	24-5353-118-270824	24-5353-118-270824
Date		08 Jul 2024	12 Aug 2024	12 Aug 2024	12 Aug 2024	12 Aug 2024	14 Aug 2024	14 Aug 2024	14 Aug 2024
Depth									
	Unit								
Calorific Value									
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---
Other									
Natural Moisture Content	percent	5.6	11.6	---	---	9.5	11.8	8.9	4.1
Organic Matter	%	---	3	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	0.095	---	---	---	---	---
Moisture Content 105C	%	---	11.9	---	9.9	---	9.3	---	1.3
pH (Lab)	pH_Units	---	11.99	---	---	---	11.44	---	10.83



Land West of Warrenby Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP035-S1	LWW-SP035-S1	LWW-SP036-S1	LWW-SP036-S1	LWW-SP517-S14	LWW-SP520-S6	LWW-SP520-S6	LWW-SP521-S4
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-250-477-280824	24-250-477-290824	24-250-491-050924	24-5353-125-100924	23-9664-114-051023	23-9664-112-031023	23-9664-112-290923	23-9664-112-031023
Date		15 Aug 2024	15 Aug 2024	21 Aug 2024	21 Aug 2024	21 Sep 2023	20 Sep 2023	20 Sep 2023	20 Sep 2023
Depth						0			
	Unit								
Calorific Value									
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---
Other									
Natural Moisture Content	percent	10.8	---	4.3	5.4	6.8	---	7.4	---
Organic Matter	%	8.9	---	1.9	---	5.1	---	3.5	---
Alkali Reserve	gNaOH/100g	---	0.045	---	---	---	---	---	---
Moisture Content 105C	%	11.1	---	8.4	---	12.7	---	11.7	---
pH (Lab)	pH_Units	11.84	---	10.91	---	8.26	---	9.95	---



Land West of Warrenby Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP521-S4	LWW-SP521-S9	LWW-SP525-S3	LWW-SP525-S9	LWW-SP526-S1	LWW-SP528-S5	LWW-SP530-S7	LWW-SP530-S14
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-9664-112-290923	23-9664-121-161023	23-9664-133-101023	23-9664-143-191023	23-18173-1-101123	23-9664-143-191023	23-9664-162-301023	23-9664-184-081223
Date		20 Sep 2023	27 Sep 2023	03 Oct 2023	11 Oct 2023	30 Oct 2023	11 Oct 2023	23 Oct 2023	09 Nov 2023
Depth								0	0
	Unit								
Calorific Value									
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---
Other									
Natural Moisture Content	percent	8.9	4.9	9.8	4.5	10.1	3.1	14.6	6.6
Organic Matter	%	2.3	1.1	---	2.4	1.3	3.6	---	4.1
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---
Moisture Content 105C	%	11.4	10.2	14.7	10.8	13.2	11.7	13.3	9.3
pH (Lab)	pH_Units	9.28	9.56	10.73	11.37	8.62	9.78	11.16	9.72



Land West of Warrenby Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP532-S3	LWW-SP532-S12	LWW-SP533-S1	LWW-SP534-S1	LWW-SP534-S1	LWW-SP535-S1	LWW-SP535-S1	LWW-SP536-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-9664-162-301023	23-9664-184-201123	23-9664-164-311023	23-9664-179-131123	23-9664-179-211123	23-9664-179-131123	23-9664-179-211123	23-9664-179-131123
Date		23 Oct 2023	09 Nov 2023	24 Oct 2023	06 Nov 2023	06 Nov 2023	06 Nov 2023	06 Nov 2023	06 Nov 2023
Depth		0	0	0	0	0	0	0	0
	Unit								
Calorific Value									
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---
Other									
Natural Moisture Content	percent	10.7	6.6	8.6	6.5	---	5.3	---	6.3
Organic Matter	%	---	3.2	1.9	---	7.1	---	5.1	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---
Moisture Content 105C	%	14.7	11.3	10.5	12.4	---	11.2	---	10.4
pH (Lab)	pH_Units	11.17	9.46	10.39	10.13	---	11.42	---	10.37



Land West of Warrenby Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP536-S1	LWW-SP537-S1	LWW-SP537-S1	LWW-SP538-S1	LWW-SP540-S1	LWW-SP540-S1	LWW-SP541-S1	LWW-SP542-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-9664-179-211123	23-9664-179-131123	23-9664-179-211123	23-9664-202-291123	23-9664-210-071223	23-9664-210-111223	23-9664-232-151223	23-9664-236-211223
Date		06 Nov 2023	06 Nov 2023	06 Nov 2023	21 Nov 2023	23 Nov 2023	23 Nov 2023	07 Dec 2023	11 Dec 2023
Depth		0	0	0				0	
	Unit								
Calorific Value									
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---
Other									
Natural Moisture Content	percent	---	11.6	---	13.2	9.9	---	19	12.4
Organic Matter	%	3.6	---	6.4	14.4	3	---	38.7	5.6
Alkali Reserve	gNaOH/100g	---	---	---	---	---	0.153	---	---
Moisture Content 105C	%	---	14.1	---	14.8	15	---	15.8	15.9
pH (Lab)	pH_Units	---	9.73	---	11.22	11.97	---	9.49	10.54



Land West of Warrenby Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP543-S1	LWW-SP543-S1	LWW-SP544-S1	LWW-SP545-S1	LWW-SP546-S1	LWW-SP547-S1	LWW-SP548-S1	LWW-SP549-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-9664-238-211223	23-9664-238-211223	23-9664-249-281223	24-250-7-240124	24-250-6-240124	24-250-16-230124	24-250-16-230124	24-250-32-050224
Date		12 Dec 2023	12 Dec 2023	18 Dec 2023	09 Jan 2024	09 Jan 2024	12 Jan 2024	15 Jan 2024	22 Jan 2024
Depth		0	0	0			0	0	
	Unit								
Calorific Value									
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---
Other									
Natural Moisture Content	percent	15.4	---	11.7	8.6	13.7	13.3	12	12.6
Organic Matter	%	8.1	---	4.8	2.4	5.7	8.1	7.2	11.5
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---
Moisture Content 105C	%	19.5	---	11.8	8.3	16.3	16	15.8	17.2
pH (Lab)	pH_Units	10.16	---	10.33	12.51	11.23	11.06	11.29	9.27



Land West of Warrenby Made Ground Soil

Matrix Description Location Code Matrix Type Lab Report Number Date Depth		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
		LWW-SP550-S1	LWW-SP551-S1	LWW-SP552-S1	LWW-SP553-S1	LWW-SP554-S1	LWW-SP555-S1	LWW-SP556-S5	LWW-SP557-S1	LWW-SP558-S2
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		24-250-35-060224	24-250-41-050224	24-250-41-050224	24-250-55-140224	24-250-55-140224	24-250-67-150224	24-250-85-260224	24-250-85-260224	24-250-99-080324
		23 Jan 2024	25 Jan 2024	25 Jan 2024	02 Feb 2024	02 Feb 2024	07 Feb 2024	15 Feb 2024	15 Feb 2024	21 Feb 2024
	Unit									
Calorific Value										
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---	---
Other										
Natural Moisture Content	percent	---	12.2	10.8	6.2	6.9	9.7	11.7	15	14.3
Organic Matter	%	---	4.5	3.8	1.1	0.6	6.1	5	3.8	3.4
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---
Moisture Content 105C	%	15.8	8.1	14.5	6.3	6.1	13	14.2	17	12.1
pH (Lab)	pH_Units	---	9.85	8.57	8.99	8.6	10.86	10.67	11.27	9.49



Land West of Warrenby Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP559-S1	LWW-SP564-S1	LWW-SP565-S1	LWW-SP566-S7	LWW-SP566-S7	LWW-SP567-S1	LWW-SP568-S1	LWW-SP569-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-250-99-080324	24-250-115-110324	24-250-122-250424	24-250-168-090424	24-250-168-090424	24-250-164-280324	24-250-164-280324	24-250-164-280324
Date		21 Feb 2024	04 Mar 2024	06 Mar 2024	20 Mar 2024	20 Mar 2024	18 Mar 2024	18 Mar 2024	18 Mar 2024
Depth			0	0	0	0	0	0	0
	Unit								
Calorific Value									
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---
Other									
Natural Moisture Content	percent	9.5	8.9	3.2	8.1	---	7.5	10.9	9
Organic Matter	%	2.3	1.6	<0.2	3.7	---	5.8	1.8	0.9
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---
Moisture Content 105C	%	8.6	8.8	7.8	9.7	---	11.1	13.7	7.3
pH (Lab)	pH_Units	8.99	8.71	10.34	9.41	---	10.62	11.09	9.98



Land West of Warrenby Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP571-S1	LWW-SP572-S1	LWW-SP572-S1	LWW-SP574-S1	LWW-SP579-S1	LWW-SP579-S1	LWW-SP582-S1	LWW-SP583-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-250-191-090424	24-250-191-090424	24-250-191-100424	24-250-222-220424	24-250-238-030524	24-5353-53-140624	24-250-238-030524	24-250-235-010524
Date		26 Mar 2024	26 Mar 2024	26 Mar 2024	12 Apr 2024	23 Apr 2024		23 Apr 2024	23 Apr 2024
Depth		0	0	0	0	0		0	0
	Unit								
Calorific Value									
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---
Other									
Natural Moisture Content	percent	7.9	7.8	---	6.3	5.5	4.6	10	9.3
Organic Matter	%	3.3	5.6	---	5.4	1.8	---	3.9	5.2
Alkali Reserve	gNaOH/100g	---	---	0.142	---	---	---	---	---
Moisture Content 105C	%	8.6	12	---	6.7	5.6	---	10.1	13.9
pH (Lab)	pH_Units	9.08	12.06	---	9.04	9.68	---	10.44	10.66



Land West of Warrenby Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP584-S1	LWW-SP585-S1	LWW-SP585-S1	LWW-SP587-S1	LWW-SP588-S1	LWW-SP589-S1	LWW-SP590-S1	LWW-SP590-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-5353-53-140624	24-250-238-030524	24-250-238-080524	24-250-244-100524	24-250-261-150524	24-250-268-290524	24-250-271-050624	24-250-271-310524
Date			23 Apr 2024	23 Apr 2024	26 Apr 2024	07 May 2024	10 May 2024	13 May 2024	13 May 2024
Depth			0	0	0	0			
	Unit								
Calorific Value									
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---
Other									
Natural Moisture Content	percent	9.6	2.7	---	5.2	6.5	6.7	---	9.9
Organic Matter	%	---	0.2	---	1.8	1.9	2.9	---	4.8
Alkali Reserve	gNaOH/100g	---	---	0.038	---	---	---	0.044	---
Moisture Content 105C	%	---	10.5	---	7	8.4	8.5	---	13.3
pH (Lab)	pH_Units	---	11.73	---	9.46	10.71	10.19	---	12.48



Land West of Warrenby Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP591-S1	LWW-SP592-S1	LWW-SP592-S1	LWW-SP594-S1	LWW-SP595-S1	LWW-SP595-S1	LWW-SP596-S1	LWW-SP597-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-250-281-030624	24-250-281-030624	24-5353-66-030724	24-250-308-170624	24-250-308-170624	24-250-308-190624	24-250-308-170624	24-250-314-170624
Date		16 May 2024	20 May 2024		30 May 2024	30 May 2024	30 May 2024	30 May 2024	03 Jun 2024
Depth		0	0		0	0	0	0	
	Unit								
Calorific Value									
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---
Other									
Natural Moisture Content	percent	4.3	9.2	7.5	9.9	13.1	---	11.7	---
Organic Matter	%	1.6	7.7	---	5.3	3.4	---	6.1	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	0.018	---	0.005
Moisture Content 105C	%	6.9	12.4	---	11	16.8	---	11.8	---
pH (Lab)	pH_Units	10.24	8.82	---	10.49	12.18	---	11.78	---



Land West of Warrenby Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP597-S1	LWW-SP598-S1	LWW-SP598-S1	LWW-SP599-S1	LWW-SP603-S8	LWW-SP603-S8	LWW-SP604-S6	LWW-SP604-S6
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-250-314-190624	24-250-335-110724	24-250-335-190624	24-250-327-190624	23-9664-112-031023	23-9664-112-290923	23-9664-112-031023	23-9664-112-290923
Date		03 Jun 2024	13 Jun 2024	13 Jun 2024	06 Jun 2024	20 Sep 2023	20 Sep 2023	20 Sep 2023	20 Sep 2023
Depth					0				
	Unit								
Calorific Value									
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---
Other									
Natural Moisture Content	percent	---	---	4.6	6.3	---	14	---	18.2
Organic Matter	%	---	---	2.7	5.3	---	8.6	---	5.3
Alkali Reserve	gNaOH/100g	0.007	---	---	---	---	---	---	---
Moisture Content 105C	%	---	5.7	---	9	---	13.6	---	15.7
pH (Lab)	pH_Units	---	---	10.53	11.01	---	9.47	---	9.44



Land West of Warrenby Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP605-S2	LWW-SP607-S3	LWW-SP607-S13	LWW-SP608-S1	LWW-SP612-S1	LWW-SP613-S1	LWW-SP616-S1	LWW-SP617-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-9664-121-161023	23-9664-162-301023	23-9664-184-201123	23-9664-164-311023	23-9664-204-301123	23-9664-204-301123	23-9664-220-081223	23-9664-226-040124
Date		27 Sep 2023	23 Oct 2023	09 Nov 2023	24 Oct 2023	22 Nov 2023	22 Nov 2023	30 Nov 2023	04 Dec 2023
Depth			0	0	0	0	0	0	0
	Unit								
Calorific Value									
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---
Other									
Natural Moisture Content	percent	4.4	12	12.1	14	9.3	13.8	15.3	16.3
Organic Matter	%	7.4	---	19.3	10.9	4.4	8.5	9.5	9.4
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---
Moisture Content 105C	%	14.2	17.1	13.2	16.1	14.6	15	16.7	19.4
pH (Lab)	pH_Units	10.25	9.54	8.99	10.28	10.38	10.46	9.73	11.03



Land West of Warrenby Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP618-S1	LWW-SP619-S1	LWW-SP620-S1	LWW-SP621-S1	LWW-SP624-S13	LWW-SP628-S1	LWW-SP628-S1	LWW-SP628-S2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-9664-234-191223	23-9664-236-211223	24-250-12-240124	24-250-67-150224	24-250-175-040424	24-250-307-170624	24-5353-43-100624	24-250-313-180624
Date		08 Dec 2023	11 Dec 2023	11 Jan 2024	07 Feb 2024	22 Mar 2024	31 May 2024		03 Jun 2024
Depth		0					0		0
	Unit								
Calorific Value									
Calorific Value	MJ/kg	---	<1	---	---	---	---	---	---
Other									
Natural Moisture Content	percent	11.7	11.5	12.5	7.9	5.8	6.4	5.3	9.8
Organic Matter	%	5.6	3.5	4.1	2.8	4.7	1.7	---	2.2
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---
Moisture Content 105C	%	15.8	15.1	15.6	10.9	12.4	8	---	12.7
pH (Lab)	pH_Units	9.92	10.78	10.27	9.53	8.88	10.51	---	12



Land West of Warrenby Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP628-S2	LWW-SP629-S1	LWW-SP629-S1	LWW-SP630-S1	LWW-SP631-S1	LWW-SP631-S15	LWW-SP634-S1	LWW-SP637-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-5353-45-120624	24-250-149-260424	24-250-167-280324	24-250-147-160424	24-250-147-160424	24-250-149-260424	24-250-227-290424	24-250-247-150524
Date			14 Mar 2024		14 Mar 2024	14 Mar 2024	14 Mar 2024	17 Apr 2024	29 Apr 2024
Depth									
	Unit								
Calorific Value									
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---
Other									
Natural Moisture Content	percent	7.3	2.4	3.8	13.5	6	11.1	7.1	15.5
Organic Matter	%	---	0.3	---	12.4	8.7	5.4	2.2	7.8
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---
Moisture Content 105C	%	---	9.2	---	12.1	6.1	13.7	10.6	16.8
pH (Lab)	pH_Units	---	9.23	---	8.85	11.33	10.54	10.77	10.31

Land West of Warrenby Made Ground Soil



Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		LWW-SP638-S1	LWW-SP639-S1	LWW-SP641-S1	LWW-SP641-S1	LWW-SP651-S1	LWW-SP651-S1	LWW-SP651-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-250-281-030624	24-250-281-030624	24-250-313-180624	24-5353-45-120624	24-250-507-130924	24-5353-128-100924	24-5353-128-300924
Date		16 May 2024	16 May 2024	03 Jun 2024		29 Aug 2024	29 Aug 2024	29 Aug 2024
Depth		0	0	0				
	Unit							
Calorific Value								
Calorific Value	MJ/kg	---	---	---	---	---	---	---
Other								
Natural Moisture Content	percent	9.7	7.5	9	8	9.5	6.9	---
Organic Matter	%	3.3	2.2	8.1	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---
Moisture Content 105C	%	4.5	12.8	13.1	---	9.9	---	7.9
pH (Lab)	pH_Units	9.7	9.57	9.39	---	9.25	---	---

Statistics
* A Non Detect Multiplier of 0.5 has been applied.

Key
MG = Made Ground
LWW w/leach = Land West of Warrenby with leachate

Land West of Warrenby Made Ground Leachate



Matrix Description					MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code					LWW-SP012-S1	LWW-SP014-S1	LWW-SP015-S1	LWW-SP019-S1	LWW-SP020-S2	LWW-SP025-S1	LWW-SP032-S2
Matrix Type					Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number					24-250-335-110724	24-250-335-110724	24-250-335-110724	24-250-365-090724	24-250-394-120724	24-250-406-240724	24-250-465-190824
Date					13 Jun 2024	13 Jun 2024	13 Jun 2024	20 Jun 2024	03 Jul 2024	08 Jul 2024	12 Aug 2024
Depth								0			
	Unit	Redcar Remi Criteria Soil	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Metals											
Aluminium (filtered)	µg/L	-	200 ^{#1}	-	48	20	51	143	272	286	1,297
Arsenic (filtered)	µg/L	-	10 ^{#1}	25 ^{#10}	3.1	4.9	<2.5	7.5	2.7	3.5	<2.5
Boron (filtered)	µg/L	-	1,000 ^{#1}	7,000 ^{#11}	80	123	73	76	119	130	<12
Cadmium (filtered)	µg/L	-	5 ^{#1}	0.2 ^{#12}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Calcium (filtered)	mg/L	-	-	-	170.4	41.2	198.8	199	304.3	157.9	188.4
Chromium (hexavalent)	µg/L	-	-	0.6 ^{#12}	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	-	50 ^{#1}	0.6 ^{#12}	<1.5	<1.5	<1.5	4	<1.5	12.3	31.3
Copper (filtered)	µg/L	-	2,000 ^{#1}	3.76 ^{#13}	<7	<7	<7	<7	<7	<7	<7
Ferric Iron (filtered)	µg/L	-	-	1,000 ^{#14}	<20	<20	<20	<20	<20	<20	<20
Ferrous Iron (filtered)	µg/L	-	-	1,000 ^{#14}	100	20	60	20	<20	<20	<20
Iron (filtered)	µg/L	-	200 ^{#1}	1,000 ^{#10}	<4.7	18	<4.7	<4.7	<4.7	<4.7	<4.7
Lead (filtered)	µg/L	-	10 ^{#1}	1.3 ^{#12}	<5	<5	<5	<5	<5	<5	<5
Magnesium (filtered)	mg/L	-	-	-	5.7	3.1	7	0.7	0.9	0.5	<0.1
Manganese (filtered)	µg/L	-	50 ^{#1}	-	<2	2	<2	<2	<2	<2	<2
Mercury (filtered)	µg/L	-	1 ^{#1}	0.07 (MAC) ^{#15}	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nickel (filtered)	µg/L	-	20 ^{#1}	8.6 ^{#12}	<2	<2	<2	<2	<2	<2	<2
Potassium (filtered)	mg/L	-	-	-	8	8.9	6.8	12.2	11.7	14.9	8.1
Sodium (filtered)	mg/L	-	200 ^{#1}	-	4.6	5.7	3.8	3.7	4.6	6.1	2.2
Vanadium (filtered)	µg/L	-	-	100 ^{#16}	46.5	64.9	20.2	107.9	123.4	225.9	26.7
Zinc (filtered)	µg/L	-	3,000 ^{#2}	7.9 ^{#17}	<3	<3	<3	<3	<3	<3	3
Inorganics											
Inorganic Nitrogen	mg/l	-	-	-	<0.05	<0.05	0.16	0.06	0.05	0.16	0.18
Ammoniacal Nitrogen as N	mg/L	-	-	0.021 ^{#10}	<0.03	<0.03	<0.03	<0.03	<0.03	0.06	0.05
Cyanide (Free)	µg/L	-	50 ^{#1}	1 ^{#10}	<1	<1	<1	<1	<1	<1	<1
Cyanide Total	µg/L	-	50 ^{#1}	1 ^{#10}	2	<1	3	3	3	3	<1
Cyanide (Complex)	µg/L	-	50 ^{#1}	1 ^{#10}	2	<1	3	3	3	3	<1
Nitrate (as NO3-)	mg/L	-	50 (NO3) ^{#3}	-	<0.2	<0.2	0.7	0.2	0.2	0.4	0.4
Nitrite (as NO2-)	mg/L	-	0.5 (NO2) ^{#4}	-	<0.02	<0.02	<0.02	0.03	<0.02	0.06	0.11
Sulphate	mg/L	-	250 (SO4) ^{#5}	-	412.2	92.1	467.2	430.7	483.3	338.8	20.2
Phosphate (as PO4)	mg/L	-	-	-	---	---	---	---	---	---	---
Sulphide	µg/L	-	-	10 (MAC) ^{#19}	<10	<10	<10	<10	<10	<10	<10
Thiocyanate (as SCN)	µg/L	-	-	-	<20	<20	<20	<20	<20	<20	<20
Ortho phosphate as PO4	mg/l	-	-	-	0.08	0.07	0.08	<0.06	<0.06	<0.06	<0.06
BTEX and MTBE											
Benzene	µg/L	-	1 ^{#1}	8 ^{#10}	---	---	---	---	---	---	---
Toluene	µg/L	-	700 ^{#6}	74 ^{#10}	---	---	---	---	---	---	---
Ethylbenzene	µg/L	-	300 ^{#6}	20 ^{#20}	---	---	---	---	---	---	---
Xylene (m & p)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---	---
Xylene (o)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---	---
MTBE	µg/L	-	15 ^{#8}	15 ^{#8}	---	---	---	---	---	---	---
PAH											
Naphthalene	µg/L	-	-	2 ^{#10}	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	<0.1
Acenaphthene	µg/L	-	-	-	0.043	0.008	0.028	0.026	0.083	0.093	0.016
Acenaphthylene	µg/L	-	-	-	0.044	0.007	0.128	0.018	0.019	0.016	<0.005
Fluoranthene	µg/L	-	-	0.0063 ^{#10}	0.458	0.053	1.49	0.333	0.316	0.2	0.079
Anthracene	µg/L	-	-	0.1 ^{#10}	0.084	0.025	0.222	0.05	0.058	0.061	0.035
Phenanthrene	µg/L	-	-	-	0.103	0.053	0.367	0.082	0.088	0.146	0.089
Fluorene	µg/L	-	-	-	0.018	0.011	0.044	0.015	<0.005	0.027	0.009
Chrysene	µg/L	-	-	-	0.323	0.035	0.881	0.207	0.158	0.076	0.032
Pyrene	µg/L	-	-	-	0.405	0.029	1.179	0.342	0.267	0.164	0.059
Benzo(a)anthracene	µg/L	-	-	-	0.29	0.026	0.863	0.224	0.158	0.078	0.036
Benzo(b)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.472	0.027	1.198	0.281	0.158	0.088	0.034
Benzo(k)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.183	0.011	0.466	0.109	0.062	0.034	0.013
Benzo(b+k)fluoranthene	µg/L	-	-	-	0.655	0.038	1.664	0.39	0.22	0.122	0.047
Benzo(a)pyrene	µg/L	-	0.01 ^{#1}	0.00017 ^{#22}	0.365	0.016	0.928	0.194	0.103	0.063	0.02
Dibenz(a,h)anthracene	µg/L	-	-	-	0.069	0.007	0.15	0.033	0.015	0.008	0.005
Benzo(g,h,i)perylene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.25	0.009	0.56	0.148	0.065	0.04	0.018
Indeno(1,2,3-c,d)pyrene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.273	0.012	0.629	0.166	0.08	0.049	0.02
PAH 16 Total	µg/L	-	-	-	3.38	0.329	9.133	2.228	1.63	1.243	0.465
Other											
pH (Lab)	pH_Units	-	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#18}	8.84	8.57	7.96	9.68	10.39	10.61	12.02

Land West of Warrenby Made Ground Leachate



Matrix Description					MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code					LWW-SP032-S2	LWW-SP033-S1	LWW-SP033-S1	LWW-SP033-S1	LWW-SP034-S1	LWW-SP034-S1
Matrix Type					Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number					24-5353-115-041024	24-250-474-120924	24-250-474-220824	24-5353-118-190924	24-250-474-120924	24-250-474-220824
Date					12 Aug 2024	14 Aug 2024	14 Aug 2024	14 Aug 2024	14 Aug 2024	14 Aug 2024
Depth										
	Unit	Redcar Remi Criteria Soil	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Metals										
Aluminium (filtered)	µg/L	-	200 ^{#1}	-	1,414	---	1,298	1,603	---	610
Arsenic (filtered)	µg/L	-	10 ^{#1}	25 ^{#10}	<2.5	---	<2.5	3.7	---	3.5
Boron (filtered)	µg/L	-	1,000 ^{#1}	7,000 ^{#11}	<12	---	86	111	---	159
Cadmium (filtered)	µg/L	-	5 ^{#1}	0.2 ^{#12}	<0.5	---	<0.5	<0.5	---	<0.5
Calcium (filtered)	mg/L	-	-	-	113.3	---	60.8	72	---	68.3
Chromium (hexavalent)	µg/L	-	-	0.6 ^{#12}	12	<2	---	---	4	---
Chromium (filtered)	µg/L	-	50 ^{#1}	0.6 ^{#12}	17.4	---	34.6	14.8	---	6.9
Copper (filtered)	µg/L	-	2,000 ^{#1}	3.76 ^{#13}	<7	---	<7	<7	---	<7
Ferric Iron (filtered)	µg/L	-	-	1,000 ^{#14}	---	---	<20	---	---	<20
Ferrous Iron (filtered)	µg/L	-	-	1,000 ^{#14}	---	---	30	---	---	<20
Iron (filtered)	µg/L	-	200 ^{#1}	1,000 ^{#10}	<4.7	---	<4.7	<4.7	---	5.9
Lead (filtered)	µg/L	-	10 ^{#1}	1.3 ^{#12}	<5	---	<5	<5	---	<5
Magnesium (filtered)	mg/L	-	-	-	<0.1	---	<0.1	<0.1	---	<0.1
Manganese (filtered)	µg/L	-	50 ^{#1}	-	<2	---	<2	<2	---	<2
Mercury (filtered)	µg/L	-	1 ^{#1}	0.07 (MAC) ^{#15}	<0.01	---	<0.01	<0.01	---	<0.01
Nickel (filtered)	µg/L	-	20 ^{#1}	8.6 ^{#12}	<2	---	<2	<2	---	<2
Potassium (filtered)	mg/L	-	-	-	9.2	---	7.8	14.3	---	12.4
Sodium (filtered)	mg/L	-	200 ^{#1}	-	2.3	---	3.9	5.4	---	4.1
Vanadium (filtered)	µg/L	-	-	100 ^{#16}	42.5	---	107.6	147	---	236.6
Zinc (filtered)	µg/L	-	3,000 ^{#2}	7.9 ^{#17}	<3	---	<3	<3	---	<3
Inorganics										
Inorganic Nitrogen	mg/l	-	-	-	---	---	0.31	---	---	0.12
Ammoniacal Nitrogen as N	mg/L	-	-	0.021 ^{#10}	---	---	<0.03	---	---	0.04
Cyanide (Free)	µg/L	-	50 ^{#1}	1 ^{#10}	---	---	<1	---	---	<1
Cyanide Total	µg/L	-	50 ^{#1}	1 ^{#10}	---	---	<1	---	---	20
Cyanide (Complex)	µg/L	-	50 ^{#1}	1 ^{#10}	---	---	<1	---	---	20
Nitrate (as NO3-)	mg/L	-	50 (NO3) ^{#3}	-	---	---	1.2	---	---	0.3
Nitrite (as NO2-)	mg/L	-	0.5 (NO2) ^{#4}	-	---	---	0.09	---	---	0.06
Sulphate	mg/L	-	250 (SO4) ^{#5}	-	---	---	61.2	---	---	98.4
Phosphate (as PO4)	mg/L	-	-	-	---	---	---	---	---	---
Sulphide	µg/L	-	-	10 (MAC) ^{#19}	---	---	<10	---	---	<10
Thiocyanate (as SCN)	µg/L	-	-	-	---	---	<20	---	---	<20
Ortho phosphate as PO4	mg/l	-	-	-	---	---	<0.06	---	---	<0.06
BTEX and MTBE										
Benzene	µg/L	-	1 ^{#1}	8 ^{#10}	<0.5	<0.5	---	---	<0.5	---
Toluene	µg/L	-	700 ^{#6}	74 ^{#10}	<5	<5	---	---	<5	---
Ethylbenzene	µg/L	-	300 ^{#6}	20 ^{#20}	<1	<1	---	---	<1	---
Xylene (m & p)	µg/L	-	250 ^{#7}	15 ^{#21}	<2	<2	---	---	<2	---
Xylene (o)	µg/L	-	250 ^{#7}	15 ^{#21}	<1	<1	---	---	<1	---
MTBE	µg/L	-	15 ^{#8}	15 ^{#8}	<0.1	<0.1	---	---	<0.1	---
PAH										
Naphthalene	µg/L	-	-	2 ^{#10}	0.1	---	<0.1	---	---	<0.1
Acenaphthene	µg/L	-	-	-	0.175	---	0.014	---	---	0.034
Acenaphthylene	µg/L	-	-	-	0.022	---	<0.005	---	---	0.01
Fluoranthene	µg/L	-	-	0.0063 ^{#10}	0.501	---	0.076	---	---	0.095
Anthracene	µg/L	-	-	0.1 ^{#10}	0.111	---	0.025	---	---	0.031
Phenanthrene	µg/L	-	-	-	0.44	---	0.055	---	---	0.088
Fluorene	µg/L	-	-	-	0.067	---	0.013	---	---	0.021
Chrysene	µg/L	-	-	-	0.152	---	0.028	---	---	0.036
Pyrene	µg/L	-	-	-	0.397	---	0.057	---	---	0.066
Benzo(a)anthracene	µg/L	-	-	-	0.147	---	0.027	---	---	0.037
Benzo(b)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.166	---	0.028	---	---	0.04
Benzo(k)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.064	---	0.011	---	---	0.015
Benzo(b+k)fluoranthene	µg/L	-	-	-	0.23	---	0.039	---	---	0.055
Benzo(a)pyrene	µg/L	-	0.01 ^{#1}	0.00017 ^{#22}	0.107	---	0.016	---	---	0.024
Dibenz(a,h)anthracene	µg/L	-	-	-	0.016	---	<0.005	---	---	0.006
Benzo(g,h,i)perylene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.073	---	0.015	---	---	0.018
Indeno(1,2,3-c,d)pyrene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.078	---	0.015	---	---	0.02
PAH 16 Total	µg/L	-	-	-	2.616	---	0.38	---	---	0.541
Other										
pH (Lab)	pH_Units	-	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#18}	---	---	11.33	---	---	11.02

Land West of Warrenby Made Ground Leachate



Matrix Description					MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code					LWW-SP034-S1	LWW-SP035-S1	LWW-SP035-S1	LWW-SP035-S1	LWW-SP036-S1	LWW-SP036-S1
Matrix Type					Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number					24-5353-118-190924	24-250-477-120924	24-250-477-280824	24-5353-131-190924	24-250-491-050924	24-250-491-100924
Date					14 Aug 2024	15 Aug 2024	15 Aug 2024	15 Aug 2024	21 Aug 2024	21 Aug 2024
Depth										
	Unit	Redcar Remi Criteria Soil	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Metals										
Aluminium (filtered)	µg/L	-	200 ^{#1}	-	1,343	---	1,346	1,283	358	---
Arsenic (filtered)	µg/L	-	10 ^{#1}	25 ^{#10}	<2.5	---	<2.5	<2.5	7.8	---
Boron (filtered)	µg/L	-	1,000 ^{#1}	7,000 ^{#11}	26	---	44	<12	85	---
Cadmium (filtered)	µg/L	-	5 ^{#1}	0.2 ^{#12}	<0.5	---	<0.5	<0.5	<0.5	---
Calcium (filtered)	mg/L	-	-	-	120.1	---	91.2	144.9	84.1	---
Chromium (hexavalent)	µg/L	-	-	0.6 ^{#12}	---	48	---	---	---	16
Chromium (filtered)	µg/L	-	50 ^{#1}	0.6 ^{#12}	2.3	---	49.6	17.4	22.1	---
Copper (filtered)	µg/L	-	2,000 ^{#1}	3.76 ^{#13}	<7	---	<7	<7	8	---
Ferric Iron (filtered)	µg/L	-	-	1,000 ^{#14}	---	---	<20	---	80	---
Ferrous Iron (filtered)	µg/L	-	-	1,000 ^{#14}	---	---	100	---	<20	---
Iron (filtered)	µg/L	-	200 ^{#1}	1,000 ^{#10}	37.6	---	<4.7	<4.7	75.3	---
Lead (filtered)	µg/L	-	10 ^{#1}	1.3 ^{#12}	<5	---	<5	<5	<5	---
Magnesium (filtered)	mg/L	-	-	-	<0.1	---	<0.1	<0.1	<0.1	---
Manganese (filtered)	µg/L	-	50 ^{#1}	-	<2	---	<2	<2	<2	---
Mercury (filtered)	µg/L	-	1 ^{#1}	0.07 (MAC) ^{#15}	0.02	---	<0.01	<0.01	<0.01	---
Nickel (filtered)	µg/L	-	20 ^{#1}	8.6 ^{#12}	<2	---	<2	<2	<2	---
Potassium (filtered)	mg/L	-	-	-	9.8	---	8.7	6.9	6.2	---
Sodium (filtered)	mg/L	-	200 ^{#1}	-	2.9	---	3.7	2.6	2.8	---
Vanadium (filtered)	µg/L	-	-	100 ^{#16}	77.1	---	104.3	50.1	221.8	---
Zinc (filtered)	µg/L	-	3,000 ^{#2}	7.9 ^{#17}	3	---	<3	4	<3	---
Inorganics										
Inorganic Nitrogen	mg/l	-	-	-	---	---	0.48	---	0.51	---
Ammoniacal Nitrogen as N	mg/L	-	-	0.021 ^{#10}	---	---	<0.03	---	0.1	---
Cyanide (Free)	µg/L	-	50 ^{#1}	1 ^{#10}	---	---	<1	---	4	---
Cyanide Total	µg/L	-	50 ^{#1}	1 ^{#10}	---	---	2	---	177	---
Cyanide (Complex)	µg/L	-	50 ^{#1}	1 ^{#10}	---	---	2	---	173	---
Nitrate (as NO3-)	mg/L	-	50 (NO3) ^{#3}	-	---	---	2	---	1.8	---
Nitrite (as NO2-)	mg/L	-	0.5 (NO2) ^{#4}	-	---	---	0.09	---	0.04	---
Sulphate	mg/L	-	250 (SO4) ^{#5}	-	---	---	54.1	---	128.3	---
Phosphate (as PO4)	mg/L	-	-	-	---	---	---	---	---	---
Sulphide	µg/L	-	-	10 (MAC) ^{#19}	---	---	<10	---	<10	---
Thiocyanate (as SCN)	µg/L	-	-	-	---	---	<20	---	60	---
Ortho phosphate as PO4	mg/l	-	-	-	---	---	<0.06	---	<0.06	---
BTEX and MTBE										
Benzene	µg/L	-	1 ^{#1}	8 ^{#10}	---	<0.5	---	---	---	<0.5
Toluene	µg/L	-	700 ^{#6}	74 ^{#10}	---	<5	---	---	---	<5
Ethylbenzene	µg/L	-	300 ^{#6}	20 ^{#20}	---	<1	---	---	---	<1
Xylene (m & p)	µg/L	-	250 ^{#7}	15 ^{#21}	---	<2	---	---	---	<2
Xylene (o)	µg/L	-	250 ^{#7}	15 ^{#21}	---	<1	---	---	---	<1
MTBE	µg/L	-	15 ^{#8}	15 ^{#8}	---	<0.1	---	---	---	<0.1
PAH										
Naphthalene	µg/L	-	-	2 ^{#10}	---	<0.1	0.1	---	0.1	---
Acenaphthene	µg/L	-	-	-	---	0.019	0.08	---	0.037	---
Acenaphthylene	µg/L	-	-	-	---	0.022	0.052	---	0.044	---
Fluoranthene	µg/L	-	-	0.0063 ^{#10}	---	0.291	0.565	---	0.97	---
Anthracene	µg/L	-	-	0.1 ^{#10}	---	0.042	0.096	---	0.087	---
Phenanthrene	µg/L	-	-	-	---	0.085	0.272	---	0.21	---
Fluorene	µg/L	-	-	-	---	0.011	0.049	---	0.026	---
Chrysene	µg/L	-	-	-	---	0.154	0.3	---	0.498	---
Pyrene	µg/L	-	-	-	---	0.254	0.5	---	0.925	---
Benzo(a)anthracene	µg/L	-	-	-	---	0.165	0.302	---	0.503	---
Benzo(b)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	---	0.209	0.397	---	0.957	---
Benzo(k)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	---	0.081	0.155	---	0.372	---
Benzo(b+k)fluoranthene	µg/L	-	-	-	---	0.29	0.552	---	1.329	---
Benzo(a)pyrene	µg/L	-	0.01 ^{#1}	0.00017 ^{#22}	---	0.144	0.29	---	0.725	---
Dibenz(a,h)anthracene	µg/L	-	-	-	---	0.022	0.049	---	0.093	---
Benzo(g,h,i)perylene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	---	0.099	0.204	---	0.639	---
Indeno(1,2,3-c,d)pyrene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	---	0.112	0.196	---	0.612	---
PAH 16 Total	µg/L	-	-	-	---	1.71	3.607	---	6.798	---
Other										
pH (Lab)	pH_Units	-	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#18}	---	---	11.61	---	10.54	---

Land West of Warrenby Made Ground Leachate



Matrix Description					MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code					LWW-SP036-S1	LWW-SP517-S14	LWW-SP520-S6	LWW-SP521-S4	LWW-SP521-S9	LWW-SP525-S3
Matrix Type					Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number					24-5353-125-190924	23-9664-114-051023	23-9664-112-290923	23-9664-112-290923	23-9664-121-161023	23-9664-133-101023
Date					21 Aug 2024	21 Sep 2023	20 Sep 2023	20 Sep 2023	27 Sep 2023	03 Oct 2023
Depth						0				
	Unit	Redcar Remi Criteria Soil	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Metals										
Aluminium (filtered)	µg/L	-	200 ^{#1}	-	255	57	158	88	101	427
Arsenic (filtered)	µg/L	-	10 ^{#1}	25 ^{#10}	5.5	4	<2.5	3	3.2	2.8
Boron (filtered)	µg/L	-	1,000 ^{#1}	7,000 ^{#11}	90	125	106	94	77	51
Cadmium (filtered)	µg/L	-	5 ^{#1}	0.2 ^{#12}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Calcium (filtered)	mg/L	-	-	-	84.7	506	411.7	682.8	524.4	245.2
Chromium (hexavalent)	µg/L	-	-	0.6 ^{#12}	---	---	---	---	---	---
Chromium (filtered)	µg/L	-	50 ^{#1}	0.6 ^{#12}	4.3	<1.5	6.8	1.6	4.9	14.7
Copper (filtered)	µg/L	-	2,000 ^{#1}	3.76 ^{#13}	<7	<7	<7	31	<7	<7
Ferric Iron (filtered)	µg/L	-	-	1,000 ^{#14}	---	<20	<20	<20	<20	<20
Ferrous Iron (filtered)	µg/L	-	-	1,000 ^{#14}	---	90	120	<20	140	70
Iron (filtered)	µg/L	-	200 ^{#1}	1,000 ^{#10}	23.8	<4.7	4.7	20	6.6	10.2
Lead (filtered)	µg/L	-	10 ^{#1}	1.3 ^{#12}	<5	<5	<5	<5	<5	<5
Magnesium (filtered)	mg/L	-	-	-	0.1	12.2	1.9	7.9	4.4	0.3
Manganese (filtered)	µg/L	-	50 ^{#1}	-	<2	3	<2	4	<2	<2
Mercury (filtered)	µg/L	-	1 ^{#1}	0.07 (MAC) ^{#15}	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nickel (filtered)	µg/L	-	20 ^{#1}	8.6 ^{#12}	<2	<2	<2	<2	<2	<2
Potassium (filtered)	mg/L	-	-	-	4.8	11.4	10.4	12.5	9.7	13.6
Sodium (filtered)	mg/L	-	200 ^{#1}	-	2.1	3.3	5.9	7	3.1	4.9
Vanadium (filtered)	µg/L	-	-	100 ^{#16}	254.3	7.1	115.5	47.1	26.5	114
Zinc (filtered)	µg/L	-	3,000 ^{#2}	7.9 ^{#17}	<3	3	<3	6	<3	<3
Inorganics										
Inorganic Nitrogen	mg/l	-	-	-	---	0.19	0.2	<0.05	0.09	0.09
Ammoniacal Nitrogen as N	mg/L	-	-	0.021 ^{#10}	---	<0.03	0.03	<0.03	<0.03	<0.03
Cyanide (Free)	µg/L	-	50 ^{#1}	1 ^{#10}	---	<1	4	<1	<1	<1
Cyanide Total	µg/L	-	50 ^{#1}	1 ^{#10}	---	6	21	26	16	44
Cyanide (Complex)	µg/L	-	50 ^{#1}	1 ^{#10}	---	6	17	26	16	44
Nitrate (as NO3-)	mg/L	-	50 (NO3) ^{#3}	-	---	0.8	0.8	<0.2	0.4	0.4
Nitrite (as NO2-)	mg/L	-	0.5 (NO2) ^{#4}	-	---	<0.02	<0.02	<0.02	<0.02	<0.02
Sulphate	mg/L	-	250 (SO4) ^{#5}	-	---	1,044.3	785.2	1,386.5	1,268.2	489.2
Phosphate (as PO4)	mg/L	-	-	-	---	---	---	---	---	---
Sulphide	µg/L	-	-	10 (MAC) ^{#19}	---	<10	<10	<10	<10	<10
Thiocyanate (as SCN)	µg/L	-	-	-	---	<20	<20	<20	<20	<20
Ortho phosphate as PO4	mg/l	-	-	-	---	0.12	<0.06	<0.06	<0.06	0.07
BTEX and MTBE										
Benzene	µg/L	-	1 ^{#1}	8 ^{#10}	---	---	---	---	---	---
Toluene	µg/L	-	700 ^{#6}	74 ^{#10}	---	---	---	---	---	---
Ethylbenzene	µg/L	-	300 ^{#6}	20 ^{#20}	---	---	---	---	---	---
Xylene (m & p)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---
Xylene (o)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---
MTBE	µg/L	-	15 ^{#8}	15 ^{#8}	---	---	---	---	---	---
PAH										
Naphthalene	µg/L	-	-	2 ^{#10}	---	<0.1	0.4	<0.1	<0.1	0.1
Acenaphthene	µg/L	-	-	-	---	0.023	0.176	0.046	0.318	0.216
Acenaphthylene	µg/L	-	-	-	---	0.028	0.079	0.015	0.017	0.201
Fluoranthene	µg/L	-	-	0.0063 ^{#10}	---	0.45	5.638	0.592	0.461	2.833
Anthracene	µg/L	-	-	0.1 ^{#10}	---	0.046	0.397	0.054	0.084	0.415
Phenanthrene	µg/L	-	-	-	---	0.184	1.796	0.252	0.53	0.994
Fluorene	µg/L	-	-	-	---	0.025	0.119	0.024	0.101	0.163
Chrysene	µg/L	-	-	-	---	0.227	2.39	0.29	0.115	1.564
Pyrene	µg/L	-	-	-	---	0.362	4.406	0.452	0.353	2.437
Benzo(a)anthracene	µg/L	-	-	-	---	0.213	2.971	0.254	0.114	1.555
Benzo(b)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	---	0.258	3.525	0.312	0.118	2.02
Benzo(k)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	---	0.1	1.371	0.121	0.046	0.786
Benzo(b+k)fluoranthene	µg/L	-	-	-	---	0.358	4.896	0.433	0.164	2.806
Benzo(a)pyrene	µg/L	-	0.01 ^{#1}	0.00017 ^{#22}	---	0.146	2.589	0.196	0.08	1.499
Dibenz(a,h)anthracene	µg/L	-	-	-	---	0.026	0.29	0.031	0.012	0.282
Benzo(g,h,i)perylene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	---	0.148	1.268	0.124	0.052	0.957
Indeno(1,2,3-c,d)pyrene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	---	0.187	2.059	0.182	0.058	1.069
PAH 16 Total	µg/L	-	-	-	---	2.423	29.474	2.945	2.459	17.091
Other										
pH (Lab)	pH_Units	-	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#18}	---	6.92	9.84	8.89	9.26	10.12

Land West of Warrenby Made Ground Leachate



Matrix Description					MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code					LWW-SP525-S9	LWW-SP526-S1	LWW-SP528-S5	LWW-SP530-S7	LWW-SP530-S14	LWW-SP532-S3
Matrix Type					Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number					23-9664-143-191023	23-18173-1-101123	23-9664-143-191023	23-9664-162-301023	23-9664-184-201123	23-9664-162-301023
Date					11 Oct 2023	30 Oct 2023	11 Oct 2023	23 Oct 2023	09 Nov 2023	23 Oct 2023
Depth								0	0	0
	Unit	Redcar Remi Criteria Soil	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Metals										
Aluminium (filtered)	µg/L	-	200 ^{#1}	-	404	65	149	388	125	483
Arsenic (filtered)	µg/L	-	10 ^{#1}	25 ^{#10}	<2.5	<2.5	2.7	<2.5	3.4	3.1
Boron (filtered)	µg/L	-	1,000 ^{#1}	7,000 ^{#11}	<12	182	76	<12	100	21
Cadmium (filtered)	µg/L	-	5 ^{#1}	0.2 ^{#12}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Calcium (filtered)	mg/L	-	-	-	189	566	434.5	282.9	272.2	182.8
Chromium (hexavalent)	µg/L	-	-	0.6 ^{#12}	---	---	---	---	---	---
Chromium (filtered)	µg/L	-	50 ^{#1}	0.6 ^{#12}	37.2	<1.5	11.7	23.8	18.3	20
Copper (filtered)	µg/L	-	2,000 ^{#1}	3.76 ^{#13}	10	<7	<7	<7	<7	<7
Ferric Iron (filtered)	µg/L	-	-	1,000 ^{#14}	<20	<20	<20	<20	---	<20
Ferrous Iron (filtered)	µg/L	-	-	1,000 ^{#14}	90	330	50	<20	---	50
Iron (filtered)	µg/L	-	200 ^{#1}	1,000 ^{#10}	<4.7	<4.7	<4.7	<4.7	12.7	<4.7
Lead (filtered)	µg/L	-	10 ^{#1}	1.3 ^{#12}	<5	<5	<5	<5	<5	<5
Magnesium (filtered)	mg/L	-	-	-	<0.1	6	2.5	<0.5	2.7	0.1
Manganese (filtered)	µg/L	-	50 ^{#1}	-	<2	29	<2	<2	<2	<2
Mercury (filtered)	µg/L	-	1 ^{#1}	0.07 (MAC) ^{#15}	0.04	<0.01	<0.01	0.01	<0.01	<0.01
Nickel (filtered)	µg/L	-	20 ^{#1}	8.6 ^{#12}	<2	<2	<2	<2	<2	<2
Potassium (filtered)	mg/L	-	-	-	11.2	11.6	11.7	14	13.6	12.7
Sodium (filtered)	mg/L	-	200 ^{#1}	-	5.2	2.9	5.1	6.1	6.7	5.6
Vanadium (filtered)	µg/L	-	-	100 ^{#16}	83.8	23.7	100.8	79	102.4	92.8
Zinc (filtered)	µg/L	-	3,000 ^{#2}	7.9 ^{#17}	<3	<3	<3	<3	<3	<3
Inorganics										
Inorganic Nitrogen	mg/l	-	-	-	0.09	<0.05	0.1	<0.05	0.13	<0.05
Ammoniacal Nitrogen as N	mg/L	-	-	0.021 ^{#10}	0.08	<0.03	0.03	<0.03	<0.03	<0.03
Cyanide (Free)	µg/L	-	50 ^{#1}	1 ^{#10}	6	2	<1	<1	---	<1
Cyanide Total	µg/L	-	50 ^{#1}	1 ^{#10}	20	8	16	9	5	8
Cyanide (Complex)	µg/L	-	50 ^{#1}	1 ^{#10}	14	6	16	9	---	8
Nitrate (as NO3-)	mg/L	-	50 (NO3) ^{#3}	-	<0.2	<0.2	0.3	<0.2	0.5	<0.2
Nitrite (as NO2-)	mg/L	-	0.5 (NO2) ^{#4}	-	0.04	<0.02	<0.02	0.03	0.08	<0.02
Sulphate	mg/L	-	250 (SO4) ^{#5}	-	313.9	1,140.3	967.3	435.2	475.3	344
Phosphate (as PO4)	mg/L	-	-	-	---	---	---	---	---	---
Sulphide	µg/L	-	-	10 (MAC) ^{#19}	20	<10	<10	<10	<10	<10
Thiocyanate (as SCN)	µg/L	-	-	-	80	<20	<20	<20	<20	<20
Ortho phosphate as PO4	mg/l	-	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
BTEX and MTBE										
Benzene	µg/L	-	1 ^{#1}	8 ^{#10}	---	---	---	---	---	---
Toluene	µg/L	-	700 ^{#6}	74 ^{#10}	---	---	---	---	---	---
Ethylbenzene	µg/L	-	300 ^{#6}	20 ^{#20}	---	---	---	---	---	---
Xylene (m & p)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---
Xylene (o)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---
MTBE	µg/L	-	15 ^{#8}	15 ^{#8}	---	---	---	---	---	---
PAH										
Naphthalene	µg/L	-	-	2 ^{#10}	0.4	<0.1	0.1	0.1	<0.1	0.2
Acenaphthene	µg/L	-	-	-	0.177	0.009	0.213	0.11	0.07	0.474
Acenaphthylene	µg/L	-	-	-	0.045	<0.005	0.047	0.073	0.028	0.08
Fluoranthene	µg/L	-	-	0.0063 ^{#10}	0.729	0.068	0.955	2.17	0.553	2.535
Anthracene	µg/L	-	-	0.1 ^{#10}	0.137	0.224	0.13	0.17	0.062	0.216
Phenanthrene	µg/L	-	-	-	0.9	0.086	0.717	0.834	0.276	0.972
Fluorene	µg/L	-	-	-	0.101	0.033	0.064	0.074	0.041	0.099
Chrysene	µg/L	-	-	-	0.183	0.04	0.36	1.213	0.275	1.421
Pyrene	µg/L	-	-	-	0.604	0.062	0.731	1.797	0.493	2.1
Benzo(a)anthracene	µg/L	-	-	-	0.186	0.041	0.397	1.189	0.268	1.401
Benzo(b)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.133	0.046	0.473	1.588	0.354	1.776
Benzo(k)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.052	0.018	0.184	0.617	0.138	0.69
Benzo(b+k)fluoranthene	µg/L	-	-	-	0.185	0.064	0.657	2.205	0.492	2.466
Benzo(a)pyrene	µg/L	-	0.01 ^{#1}	0.00017 ^{#22}	0.077	0.034	0.329	1.219	0.245	1.309
Dibenz(a,h)anthracene	µg/L	-	-	-	0.015	<0.005	0.057	0.173	0.045	0.198
Benzo(g,h,i)perylene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.04	0.031	0.236	0.72	0.2	0.826
Indeno(1,2,3-c,d)pyrene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.044	0.029	0.252	0.76	0.218	0.888
PAH 16 Total	µg/L	-	-	-	3.823	0.721	5.245	12.807	3.266	15.185
Other										
pH (Lab)	pH_Units	-	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#18}	11.5	7.66	9.53	11.3	10.16	11.06

Land West of Warrenby Made Ground Leachate



Matrix Description					MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code					LWW-SP532-S12	LWW-SP533-S1	LWW-SP534-S1	LWW-SP535-S1	LWW-SP536-S1	LWW-SP537-S1
Matrix Type					Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number					23-9664-184-201123	23-9664-164-311023	23-9664-179-131123	23-9664-179-131123	23-9664-179-131123	23-9664-179-131123
Date					09 Nov 2023	24 Oct 2023	06 Nov 2023	06 Nov 2023	06 Nov 2023	06 Nov 2023
Depth					0	0	0	0	0	0
	Unit	Redcar Remi Criteria Soil	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Metals										
Aluminium (filtered)	µg/L	-	200 ^{#1}	-	360	235	158	804	230	145
Arsenic (filtered)	µg/L	-	10 ^{#1}	25 ^{#10}	<2.5	2.7	9.8	<2.5	<2.5	7
Boron (filtered)	µg/L	-	1,000 ^{#1}	7,000 ^{#11}	129	41	78	17	61	81
Cadmium (filtered)	µg/L	-	5 ^{#1}	0.2 ^{#12}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Calcium (filtered)	mg/L	-	-	-	113.9	477	103	131.5	471.1	112.5
Chromium (hexavalent)	µg/L	-	-	0.6 ^{#12}	---	---	---	---	---	---
Chromium (filtered)	µg/L	-	50 ^{#1}	0.6 ^{#12}	16.3	17.8	2	21.9	<1.5	<1.5
Copper (filtered)	µg/L	-	2,000 ^{#1}	3.76 ^{#13}	<7	12	<7	<7	<7	<7
Ferric Iron (filtered)	µg/L	-	-	1,000 ^{#14}	---	<20	<20	<20	<20	<20
Ferrous Iron (filtered)	µg/L	-	-	1,000 ^{#14}	---	220	<20	<20	40	20
Iron (filtered)	µg/L	-	200 ^{#1}	1,000 ^{#10}	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
Lead (filtered)	µg/L	-	10 ^{#1}	1.3 ^{#12}	<5	<5	<5	<5	<5	<5
Magnesium (filtered)	mg/L	-	-	-	0.4	0.8	2.5	<0.1	1.2	3.7
Manganese (filtered)	µg/L	-	50 ^{#1}	-	<2	<2	<2	<2	<2	<2
Mercury (filtered)	µg/L	-	1 ^{#1}	0.07 (MAC) ^{#15}	<0.01	<0.01	<0.01	0.06	<0.01	<0.01
Nickel (filtered)	µg/L	-	20 ^{#1}	8.6 ^{#12}	<2	<2	<2	<2	<2	<2
Potassium (filtered)	mg/L	-	-	-	7.2	9.6	7	10.6	7.7	8.4
Sodium (filtered)	mg/L	-	200 ^{#1}	-	1.7	3.1	4.6	5.4	2.6	5.4
Vanadium (filtered)	µg/L	-	-	100 ^{#16}	118.1	102.4	72.8	90.8	103.5	51.2
Zinc (filtered)	µg/L	-	3,000 ^{#2}	7.9 ^{#17}	<3	<3	<3	<3	<3	<3
Inorganics										
Inorganic Nitrogen	mg/l	-	-	-	<0.05	<0.05	0.07	<0.05	0.05	0.09
Ammoniacal Nitrogen as N	mg/L	-	-	0.021 ^{#10}	<0.03	0.04	<0.03	0.03	0.05	<0.03
Cyanide (Free)	µg/L	-	50 ^{#1}	1 ^{#10}	---	<1	6	2	<1	<1
Cyanide Total	µg/L	-	50 ^{#1}	1 ^{#10}	3	18	15	4	1	1
Cyanide (Complex)	µg/L	-	50 ^{#1}	1 ^{#10}	---	18	9	2	1	1
Nitrate (as NO3-)	mg/L	-	50 (NO3) ^{#3}	-	<0.2	<0.2	0.3	<0.2	<0.2	0.4
Nitrite (as NO2-)	mg/L	-	0.5 (NO2) ^{#4}	-	0.03	<0.02	<0.02	0.04	<0.02	<0.02
Sulphate	mg/L	-	250 (SO4) ^{#5}	-	214.4	1,072	236.6	198.6	843.6	311.1
Phosphate (as PO4)	mg/L	-	-	-	---	---	---	---	---	---
Sulphide	µg/L	-	-	10 (MAC) ^{#19}	<10	<10	<10	<10	10	<10
Thiocyanate (as SCN)	µg/L	-	-	-	<20	<20	<20	<20	<20	<20
Ortho phosphate as PO4	mg/l	-	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
BTEX and MTBE										
Benzene	µg/L	-	1 ^{#1}	8 ^{#10}	---	---	---	---	---	---
Toluene	µg/L	-	700 ^{#6}	74 ^{#10}	---	---	---	---	---	---
Ethylbenzene	µg/L	-	300 ^{#6}	20 ^{#20}	---	---	---	---	---	---
Xylene (m & p)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---
Xylene (o)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---
MTBE	µg/L	-	15 ^{#8}	15 ^{#8}	---	---	---	---	---	---
PAH										
Naphthalene	µg/L	-	-	2 ^{#10}	<0.1	0.2	<0.1	<0.1	<0.1	<0.1
Acenaphthene	µg/L	-	-	-	0.045	0.238	0.068	0.033	0.07	0.086
Acenaphthylene	µg/L	-	-	-	0.032	0.026	0.041	0.021	0.017	0.032
Fluoranthene	µg/L	-	-	0.0063 ^{#10}	1.182	0.284	1.272	0.644	0.925	1.059
Anthracene	µg/L	-	-	0.1 ^{#10}	0.106	0.051	0.101	0.071	0.071	0.12
Phenanthrene	µg/L	-	-	-	0.509	0.221	0.523	0.283	0.341	0.536
Fluorene	µg/L	-	-	-	0.044	0.142	0.039	0.024	0.035	0.055
Chrysene	µg/L	-	-	-	0.543	0.13	0.633	0.325	0.426	0.489
Pyrene	µg/L	-	-	-	0.965	0.205	1.13	0.577	0.73	0.868
Benzo(a)anthracene	µg/L	-	-	-	0.597	0.153	0.581	0.313	0.424	0.447
Benzo(b)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.703	0.148	0.809	0.428	0.522	0.606
Benzo(k)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.274	0.058	0.315	0.166	0.203	0.235
Benzo(b+k)fluoranthene	µg/L	-	-	-	0.977	0.206	1.124	0.594	0.725	0.841
Benzo(a)pyrene	µg/L	-	0.01 ^{#1}	0.00017 ^{#22}	0.49	0.105	0.556	0.318	0.347	0.396
Dibenz(a,h)anthracene	µg/L	-	-	-	0.093	0.017	0.097	0.047	0.055	0.058
Benzo(g,h,i)perylene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.347	0.063	0.446	0.24	0.235	0.322
Indeno(1,2,3-c,d)pyrene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.395	0.069	0.464	0.259	0.264	0.335
PAH 16 Total	µg/L	-	-	-	6.325	2.11	7.075	3.749	4.665	5.644
Other										
pH (Lab)	pH_Units	-	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#18}	10.91	10.24	9.64	11.37	10.28	9.45

Land West of Warrenby Made Ground Leachate



Matrix Description					MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code					LWW-SP538-S1	LWW-SP540-S1	LWW-SP540-S1	LWW-SP541-S1	LWW-SP541-S1	LWW-SP542-S1
Matrix Type					Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number					23-9664-202-291123	23-9664-210-071223	23-9664-210-071223	23-9664-232-151223	23-9664-232-151223	23-9664-236-211223
Date					21 Nov 2023	23 Nov 2023	23 Nov 2023	07 Dec 2023	07 Dec 2023	11 Dec 2023
Depth								0	0	
	Unit	Redcar Remi Criteria Soil	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Metals										
Aluminium (filtered)	µg/L	-	200 ^{#1}	-	939	1,028	---	31	---	332
Arsenic (filtered)	µg/L	-	10 ^{#1}	25 ^{#10}	<2.5	<2.5	---	8.2	---	5.8
Boron (filtered)	µg/L	-	1,000 ^{#1}	7,000 ^{#11}	38	<12	---	67	---	61
Cadmium (filtered)	µg/L	-	5 ^{#1}	0.2 ^{#12}	<0.5	<0.5	---	<0.5	---	<0.5
Calcium (filtered)	mg/L	-	-	-	93.7	84.2	---	46.1	---	70.2
Chromium (hexavalent)	µg/L	-	-	0.6 ^{#12}	---	---	---	---	---	---
Chromium (filtered)	µg/L	-	50 ^{#1}	0.6 ^{#12}	14.6	10.1	---	8.7	---	4.5
Copper (filtered)	µg/L	-	2,000 ^{#1}	3.76 ^{#13}	10	<7	---	<7	---	<7
Ferric Iron (filtered)	µg/L	-	-	1,000 ^{#14}	<20	<20	---	<20	---	<20
Ferrous Iron (filtered)	µg/L	-	-	1,000 ^{#14}	<20	240	---	<20	---	<20
Iron (filtered)	µg/L	-	200 ^{#1}	1,000 ^{#10}	<4.7	<4.7	---	7.6	---	<4.7
Lead (filtered)	µg/L	-	10 ^{#1}	1.3 ^{#12}	<5	<5	---	<5	---	<5
Magnesium (filtered)	mg/L	-	-	-	<0.1	<0.1	---	4.7	---	0.3
Manganese (filtered)	µg/L	-	50 ^{#1}	-	<2	<2	---	<2	---	<2
Mercury (filtered)	µg/L	-	1 ^{#1}	0.07 (MAC) ^{#15}	<0.01	<0.01	---	<0.01	---	<0.01
Nickel (filtered)	µg/L	-	20 ^{#1}	8.6 ^{#12}	<2	<2	---	<2	---	<2
Potassium (filtered)	mg/L	-	-	-	14.7	7.5	---	6.4	---	6.9
Sodium (filtered)	mg/L	-	200 ^{#1}	-	7.6	3	---	5.2	---	5.1
Vanadium (filtered)	µg/L	-	-	100 ^{#16}	100.5	66	---	80	---	93.5
Zinc (filtered)	µg/L	-	3,000 ^{#2}	7.9 ^{#17}	<3	<3	---	<3	---	<3
Inorganics										
Inorganic Nitrogen	mg/l	-	-	-	0.32	0.12	---	0.23	---	0.14
Ammoniacal Nitrogen as N	mg/L	-	-	0.021 ^{#10}	<0.03	<0.03	---	<0.03	---	<0.03
Cyanide (Free)	µg/L	-	50 ^{#1}	1 ^{#10}	<1	<1	---	<1	---	<1
Cyanide Total	µg/L	-	50 ^{#1}	1 ^{#10}	20	<1	---	14	---	<1
Cyanide (Complex)	µg/L	-	50 ^{#1}	1 ^{#10}	20	<1	---	14	---	<1
Nitrate (as NO3-)	mg/L	-	50 (NO3) ^{#3}	-	1.2	0.4	---	1	---	0.6
Nitrite (as NO2-)	mg/L	-	0.5 (NO2) ^{#4}	-	0.18	0.08	---	<0.02	---	<0.02
Sulphate	mg/L	-	250 (SO4) ^{#5}	-	149.9	59.5	---	106.8	---	112.6
Phosphate (as PO4)	mg/L	-	-	-	---	---	---	---	---	---
Sulphide	µg/L	-	-	10 (MAC) ^{#19}	<10	<10	---	<10	---	<10
Thiocyanate (as SCN)	µg/L	-	-	-	30	<20	---	<20	---	<20
Ortho phosphate as PO4	mg/l	-	-	-	<0.06	<0.06	---	<0.06	---	<0.06
BTEX and MTBE										
Benzene	µg/L	-	1 ^{#1}	8 ^{#10}	---	---	---	---	---	---
Toluene	µg/L	-	700 ^{#6}	74 ^{#10}	---	---	---	---	---	---
Ethylbenzene	µg/L	-	300 ^{#6}	20 ^{#20}	---	---	---	---	---	---
Xylene (m & p)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---
Xylene (o)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---
MTBE	µg/L	-	15 ^{#8}	15 ^{#8}	---	---	---	---	---	---
PAH										
Naphthalene	µg/L	-	-	2 ^{#10}	0.2	<0.1	---	<0.1	---	0.1
Acenaphthene	µg/L	-	-	-	0.174	<0.005	---	0.014	---	0.064
Acenaphthylene	µg/L	-	-	-	0.117	0.005	---	0.024	---	0.122
Fluoranthene	µg/L	-	-	0.0063 ^{#10}	1.746	0.033	---	0.179	---	1.306
Anthracene	µg/L	-	-	0.1 ^{#10}	0.203	0.016	---	0.031	---	0.219
Phenanthrene	µg/L	-	-	-	0.650	0.034	---	0.105	---	0.88
Fluorene	µg/L	-	-	-	0.086	<0.005	---	0.021	---	0.112
Chrysene	µg/L	-	-	-	0.844	0.009	---	0.082	---	0.641
Pyrene	µg/L	-	-	-	1.585	0.027	---	0.139	---	1.009
Benzo(a)anthracene	µg/L	-	-	-	0.861	0.017	---	0.09	---	0.7
Benzo(b)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	1.315	0.01	---	0.104	---	0.845
Benzo(k)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.511	<0.008	---	0.041	---	0.329
Benzo(b+k)fluoranthene	µg/L	-	-	-	1.826	0.014	---	0.145	---	1.174
Benzo(a)pyrene	µg/L	-	0.01 ^{#1}	0.00017 ^{#22}	0.944	0.01	---	0.065	---	0.638
Dibenz(a,h)anthracene	µg/L	-	-	-	0.152	<0.005	---	0.014	---	0.102
Benzo(g,h,i)perylene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.734	0.005	---	0.051	---	0.411
Indeno(1,2,3-c,d)pyrene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.773	0.005	---	0.058	---	0.454
PAH 16 Total	µg/L	-	-	-	10.895	0.175	---	1.018	---	7.932
Other										
pH (Lab)	pH_Units	-	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#18}	11.25	11.49	---	9.49	---	10.29



Matrix Description					MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code					LWW-SP542-S1	LWW-SP543-S1	LWW-SP543-S1	LWW-SP544-S1	LWW-SP544-S1	LWW-SP545-S1
Matrix Type					Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number					23-9664-236-211223	23-9664-238-211223	23-9664-238-211223	23-9664-249-281223	23-9664-249-281223	24-250-7-240124
Date					11 Dec 2023	12 Dec 2023	12 Dec 2023	18 Dec 2023	18 Dec 2023	09 Jan 2024
Depth						0	0	0	0	
	Unit	Redcar Remi Criteria Soil	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Metals										
Aluminium (filtered)	µg/L	-	200 ^{#1}	-	---	112	---	171	---	37
Arsenic (filtered)	µg/L	-	10 ^{#1}	25 ^{#10}	---	8.8	---	3.4	---	<2.5
Boron (filtered)	µg/L	-	1,000 ^{#1}	7,000 ^{#11}	---	137	---	88	---	<12
Cadmium (filtered)	µg/L	-	5 ^{#1}	0.2 ^{#12}	---	<0.5	---	<0.5	---	<0.5
Calcium (filtered)	mg/L	-	-	-	---	76.4	---	309.2	---	870.2
Chromium (hexavalent)	µg/L	-	-	0.6 ^{#12}	---	---	---	---	---	---
Chromium (filtered)	µg/L	-	50 ^{#1}	0.6 ^{#12}	---	8.9	---	3	---	18.3
Copper (filtered)	µg/L	-	2,000 ^{#1}	3.76 ^{#13}	---	<7	---	9	---	16
Ferric Iron (filtered)	µg/L	-	-	1,000 ^{#14}	---	<20	---	<20	---	<20
Ferrous Iron (filtered)	µg/L	-	-	1,000 ^{#14}	---	<20	---	<20	---	<20
Iron (filtered)	µg/L	-	200 ^{#1}	1,000 ^{#10}	---	<4.7	---	<4.7	---	<4.7
Lead (filtered)	µg/L	-	10 ^{#1}	1.3 ^{#12}	---	<5	---	<5	---	36
Magnesium (filtered)	mg/L	-	-	-	---	1.7	---	1.8	---	<0.1
Manganese (filtered)	µg/L	-	50 ^{#1}	-	---	<2	---	<2	---	<2
Mercury (filtered)	µg/L	-	1 ^{#1}	0.07 (MAC) ^{#15}	---	<0.01	---	<0.01	---	0.03
Nickel (filtered)	µg/L	-	20 ^{#1}	8.6 ^{#12}	---	<2	---	<2	---	<2
Potassium (filtered)	mg/L	-	-	-	---	9.2	---	11.1	---	12.4
Sodium (filtered)	mg/L	-	200 ^{#1}	-	---	9.6	---	5	---	6.4
Vanadium (filtered)	µg/L	-	-	100 ^{#16}	---	108.1	---	99.7	---	4.3
Zinc (filtered)	µg/L	-	3,000 ^{#2}	7.9 ^{#17}	---	<3	---	<3	---	13
Inorganics										
Inorganic Nitrogen	mg/l	-	-	-	---	0.41	---	0.14	---	0.38
Ammoniacal Nitrogen as N	mg/L	-	-	0.021 ^{#10}	---	<0.03	---	0.14	---	0.13
Cyanide (Free)	µg/L	-	50 ^{#1}	1 ^{#10}	---	<1	---	<1	---	1
Cyanide Total	µg/L	-	50 ^{#1}	1 ^{#10}	---	4	---	5	---	1
Cyanide (Complex)	µg/L	-	50 ^{#1}	1 ^{#10}	---	4	---	5	---	<1
Nitrate (as NO3-)	mg/L	-	50 (NO3) ^{#3}	-	---	1.8	---	<0.2	---	0.7
Nitrite (as NO2-)	mg/L	-	0.5 (NO2) ^{#4}	-	---	<0.02	---	<0.02	---	0.29
Sulphate	mg/L	-	250 (SO4) ^{#5}	-	---	170.4	---	486.2	---	6.6
Phosphate (as PO4)	mg/L	-	-	-	---	---	---	---	---	---
Sulphide	µg/L	-	-	10 (MAC) ^{#19}	---	<10	---	<10	---	<10
Thiocyanate (as SCN)	µg/L	-	-	-	---	<20	---	<20	---	<20
Ortho phosphate as PO4	mg/l	-	-	-	---	<0.06	---	<0.06	---	<0.06
BTEX and MTBE										
Benzene	µg/L	-	1 ^{#1}	8 ^{#10}	---	---	---	---	---	---
Toluene	µg/L	-	700 ^{#6}	74 ^{#10}	---	---	---	---	---	---
Ethylbenzene	µg/L	-	300 ^{#6}	20 ^{#20}	---	---	---	---	---	---
Xylene (m & p)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---
Xylene (o)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---
MTBE	µg/L	-	15 ^{#8}	15 ^{#8}	---	---	---	---	---	---
PAH										
Naphthalene	µg/L	-	-	2 ^{#10}	---	<0.1	---	0.1	---	0.4
Acenaphthene	µg/L	-	-	-	---	0.08	---	0.045	---	0.177
Acenaphthylene	µg/L	-	-	-	---	0.107	---	0.019	---	0.074
Fluoranthene	µg/L	-	-	0.0063 ^{#10}	---	1.26	---	0.354	---	0.772
Anthracene	µg/L	-	-	0.1 ^{#10}	---	0.165	---	0.046	---	0.156
Phenanthrene	µg/L	-	-	-	---	0.527	---	0.135	---	0.921
Fluorene	µg/L	-	-	-	---	0.056	---	0.023	---	0.08
Chrysene	µg/L	-	-	-	---	0.65	---	0.217	---	0.289
Pyrene	µg/L	-	-	-	---	0.963	---	0.307	---	0.623
Benzo(a)anthracene	µg/L	-	-	-	---	0.679	---	0.217	---	0.322
Benzo(b)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	---	0.944	---	0.259	---	0.377
Benzo(k)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	---	0.367	---	0.101	---	0.147
Benzo(b+k)fluoranthene	µg/L	-	-	-	---	1.311	---	0.36	---	0.524
Benzo(a)pyrene	µg/L	-	0.01 ^{#1}	0.00017 ^{#22}	---	0.637	---	0.188	---	0.22
Dibenz(a,h)anthracene	µg/L	-	-	-	---	0.101	---	0.032	---	0.039
Benzo(g,h,i)perylene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	---	0.518	---	0.13	---	0.145
Indeno(1,2,3-c,d)pyrene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	---	0.572	---	0.136	---	0.154
PAH 16 Total	µg/L	-	-	-	---	7.626	---	2.309	---	4.896
Other										
pH (Lab)	pH_Units	-	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#18}	---	9.43	---	9.53	---	12.57

Land West of Warrenby Made Ground Leachate



Matrix Description					MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code					LWW-SP545-S1	LWW-SP546-S1	LWW-SP546-S1	LWW-SP547-S1	LWW-SP548-S1	LWW-SP549-S1	LWW-SP550-S1
Matrix Type					Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number					24-250-7-240124	24-250-6-240124	24-250-6-240124	24-250-16-230124	24-250-16-230124	24-250-32-050224	24-250-35-060224
Date					09 Jan 2024	09 Jan 2024	09 Jan 2024	12 Jan 2024	15 Jan 2024	22 Jan 2024	23 Jan 2024
Depth								0	0		
	Unit	Redcar Remi Criteria Soil	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Metals											
Aluminium (filtered)	µg/L	-	200 ^{#1}	-	---	802	---	521	373	145	192
Arsenic (filtered)	µg/L	-	10 ^{#1}	25 ^{#10}	---	4.5	---	4.9	7.2	17.3	2.8
Boron (filtered)	µg/L	-	1,000 ^{#1}	7,000 ^{#11}	---	22	---	45	56	220	66
Cadmium (filtered)	µg/L	-	5 ^{#1}	0.2 ^{#12}	---	<0.5	---	<0.5	<0.5	<0.5	<0.5
Calcium (filtered)	mg/L	-	-	-	---	112.7	---	72.7	81.6	53.3	294.9
Chromium (hexavalent)	µg/L	-	-	0.6 ^{#12}	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	-	50 ^{#1}	0.6 ^{#12}	---	15.2	---	14.1	10.2	2.4	11.3
Copper (filtered)	µg/L	-	2,000 ^{#1}	3.76 ^{#13}	---	<7	---	<7	14	<7	<7
Ferric Iron (filtered)	µg/L	-	-	1,000 ^{#14}	---	<20	---	<20	<20	<20	<20
Ferrous Iron (filtered)	µg/L	-	-	1,000 ^{#14}	---	400	---	<20	100	<20	40
Iron (filtered)	µg/L	-	200 ^{#1}	1,000 ^{#10}	---	5	---	<4.7	5	16.5	<4.7
Lead (filtered)	µg/L	-	10 ^{#1}	1.3 ^{#12}	---	<5	---	<5	<5	<5	<5
Magnesium (filtered)	mg/L	-	-	-	---	<0.1	---	<0.1	<0.1	3	0.3
Manganese (filtered)	µg/L	-	50 ^{#1}	-	---	<2	---	<2	<2	<2	<2
Mercury (filtered)	µg/L	-	1 ^{#1}	0.07 (MAC) ^{#15}	---	<0.01	---	<0.01	<0.01	<0.01	<0.01
Nickel (filtered)	µg/L	-	20 ^{#1}	8.6 ^{#12}	---	<2	---	<2	<2	<2	<2
Potassium (filtered)	mg/L	-	-	-	---	12.6	---	7	6.9	8.8	10.2
Sodium (filtered)	mg/L	-	200 ^{#1}	-	---	6.6	---	5.4	10.6	7.7	3.8
Vanadium (filtered)	µg/L	-	-	100 ^{#16}	---	121.3	---	112.5	94	77.8	97.6
Zinc (filtered)	µg/L	-	3,000 ^{#2}	7.9 ^{#17}	---	<3	---	<3	<3	<3	<3
Inorganics											
Inorganic Nitrogen	mg/l	-	-	-	---	0.08	---	0.32	0.21	0.26	0.22
Ammoniacal Nitrogen as N	mg/L	-	-	0.021 ^{#10}	---	<0.03	---	<0.03	<0.03	<0.03	0.03
Cyanide (Free)	µg/L	-	50 ^{#1}	1 ^{#10}	---	<1	---	<1	<1	<1	<1
Cyanide Total	µg/L	-	50 ^{#1}	1 ^{#10}	---	1	---	4	1	42	7
Cyanide (Complex)	µg/L	-	50 ^{#1}	1 ^{#10}	---	1	---	4	1	42	7
Nitrate (as NO3-)	mg/L	-	50 (NO3) ^{#3}	-	---	0.3	---	1.4	0.9	1.2	0.8
Nitrite (as NO2-)	mg/L	-	0.5 (NO2) ^{#4}	-	---	0.02	---	0.03	0.04	<0.02	0.05
Sulphate	mg/L	-	250 (SO4) ^{#5}	-	---	128.7	---	94.5	107.4	112.6	449.7
Phosphate (as PO4)	mg/L	-	-	-	---	---	---	---	---	---	---
Sulphide	µg/L	-	-	10 (MAC) ^{#19}	---	10	---	<10	<10	<10	<10
Thiocyanate (as SCN)	µg/L	-	-	-	---	<20	---	<20	<20	<20	<20
Ortho phosphate as PO4	mg/l	-	-	-	---	<0.06	---	<0.06	<0.06	<0.06	<0.06
BTEX and MTBE											
Benzene	µg/L	-	1 ^{#1}	8 ^{#10}	---	---	---	---	---	---	---
Toluene	µg/L	-	700 ^{#6}	74 ^{#10}	---	---	---	---	---	---	---
Ethylbenzene	µg/L	-	300 ^{#6}	20 ^{#20}	---	---	---	---	---	---	---
Xylene (m & p)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---	---
Xylene (o)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---	---
MTBE	µg/L	-	15 ^{#8}	15 ^{#8}	---	---	---	---	---	---	---
PAH											
Naphthalene	µg/L	-	-	2 ^{#10}	---	0.3	---	<2	<0.1	<0.1	<0.1
Acenaphthene	µg/L	-	-	-	---	0.073	---	<0.1	0.033	0.02	0.048
Acenaphthylene	µg/L	-	-	-	---	0.213	---	<0.1	0.023	0.078	0.025
Fluoranthene	µg/L	-	-	0.0063 ^{#10}	---	1.946	---	1.219	0.84	0.693	0.349
Anthracene	µg/L	-	-	0.1 ^{#10}	---	0.44	---	0.164	0.076	0.117	0.065
Phenanthrene	µg/L	-	-	-	---	1.282	---	0.564	0.588	0.331	0.203
Fluorene	µg/L	-	-	-	---	0.203	---	<0.1	0.022	0.038	0.025
Chrysene	µg/L	-	-	-	---	0.979	---	0.632	0.469	0.374	0.167
Pyrene	µg/L	-	-	-	---	1.587	---	1.06	0.771	0.564	0.284
Benzo(a)anthracene	µg/L	-	-	-	---	1.043	---	0.702	0.323	0.408	0.175
Benzo(b)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	---	1.294	---	0.919	0.393	0.589	0.226
Benzo(k)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	---	0.503	---	0.357	0.153	0.229	0.088
Benzo(b+k)fluoranthene	µg/L	-	-	-	---	1.797	---	1.276	0.546	0.818	0.314
Benzo(a)pyrene	µg/L	-	0.01 ^{#1}	0.00017 ^{#22}	---	1.044	---	0.582	0.261	0.434	0.147
Dibenz(a,h)anthracene	µg/L	-	-	-	---	0.154	---	<0.1	0.047	0.059	0.026
Benzo(g,h,i)perylene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	---	0.621	---	0.464	0.206	0.387	0.11
Indeno(1,2,3-c,d)pyrene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	---	0.684	---	0.581	0.228	0.396	0.126
PAH 16 Total	µg/L	-	-	-	---	12.366	---	7.244	4.433	4.717	2.064
Other											
pH (Lab)	pH_Units	-	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#18}	---	11.35	---	10.95	11.06	8.17	9.17

Land West of Warrenby Made Ground Leachate



Matrix Description					MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code					LWW-SP551-S1	LWW-SP552-S1	LWW-SP553-S1	LWW-SP554-S1	LWW-SP555-S1	LWW-SP556-S5	LWW-SP557-S1
Matrix Type					Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number					24-250-41-050224	24-250-41-050224	24-250-55-140224	24-250-55-140224	24-250-67-150224	24-250-85-260224	24-250-85-260224
Date					25 Jan 2024	25 Jan 2024	02 Feb 2024	02 Feb 2024	07 Feb 2024	15 Feb 2024	15 Feb 2024
Depth											
	Unit	Redcar Remi Criteria Soil	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Metals											
Aluminium (filtered)	µg/L	-	200 ^{#1}	-	92	26	162	196	580	421	261
Arsenic (filtered)	µg/L	-	10 ^{#1}	25 ^{#10}	5.6	4	3.5	2.8	16.1	2.8	<2.5
Boron (filtered)	µg/L	-	1,000 ^{#1}	7,000 ^{#11}	81	105	60	47	47	44	<12
Cadmium (filtered)	µg/L	-	5 ^{#1}	0.2 ^{#12}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Calcium (filtered)	mg/L	-	-	-	144.9	380.7	179.1	173.2	197.3	110.3	285.7
Chromium (hexavalent)	µg/L	-	-	0.6 ^{#12}	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	-	50 ^{#1}	0.6 ^{#12}	3.3	<1.5	<1.5	<1.5	18.3	13	18.9
Copper (filtered)	µg/L	-	2,000 ^{#1}	3.76 ^{#13}	<7	<7	<7	<7	<7	<7	7
Ferric Iron (filtered)	µg/L	-	-	1,000 ^{#14}	<20	<20	<20	<20	<20	<20	<20
Ferrous Iron (filtered)	µg/L	-	-	1,000 ^{#14}	170	60	20	<20	260	40	120
Iron (filtered)	µg/L	-	200 ^{#1}	1,000 ^{#10}	10.9	<4.7	<4.7	5.7	<4.7	<4.7	<4.7
Lead (filtered)	µg/L	-	10 ^{#1}	1.3 ^{#12}	<5	<5	<5	<5	<5	<5	<5
Magnesium (filtered)	mg/L	-	-	-	1.6	11.3	4.1	2.9	0.5	0.2	<0.1
Manganese (filtered)	µg/L	-	50 ^{#1}	-	<2	7	4	11	<2	<2	<2
Mercury (filtered)	µg/L	-	1 ^{#1}	0.07 (MAC) ^{#15}	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nickel (filtered)	µg/L	-	20 ^{#1}	8.6 ^{#12}	<2	<2	<2	<2	<2	<2	<2
Potassium (filtered)	mg/L	-	-	-	10.1	10	5.4	4.8	9.7	8	10.9
Sodium (filtered)	mg/L	-	200 ^{#1}	-	9.5	3.2	2.8	2.8	7.2	5.8	4.7
Vanadium (filtered)	µg/L	-	-	100 ^{#16}	136.9	16.1	17	6.6	106.3	117.7	76
Zinc (filtered)	µg/L	-	3,000 ^{#2}	7.9 ^{#17}	<3	<3	4	<3	<3	<3	3
Inorganics											
Inorganic Nitrogen	mg/l	-	-	-	0.09	<0.05	<0.05	<0.05	0.29	0.17	0.06
Ammoniacal Nitrogen as N	mg/L	-	-	0.021 ^{#10}	<0.03	<0.03	<0.03	<0.03	0.04	0.03	0.03
Cyanide (Free)	µg/L	-	50 ^{#1}	1 ^{#10}	<1	<1	<1	<1	<1	<1	<1
Cyanide Total	µg/L	-	50 ^{#1}	1 ^{#10}	21	---	2	1	9	12	3
Cyanide (Complex)	µg/L	-	50 ^{#1}	1 ^{#10}	21	24	2	1	9	12	3
Nitrate (as NO3-)	mg/L	-	50 (NO3) ^{#3}	-	0.4	<0.2	<0.2	<0.2	0.9	0.5	<0.2
Nitrite (as NO2-)	mg/L	-	0.5 (NO2) ^{#4}	-	<0.02	<0.02	<0.02	<0.02	0.12	0.06	0.11
Sulphate	mg/L	-	250 (SO4) ^{#5}	-	322.7	784.6	411.6	392.2	401.3	223.4	425.9
Phosphate (as PO4)	mg/L	-	-	-	---	---	---	---	---	---	---
Sulphide	µg/L	-	-	10 (MAC) ^{#19}	<10	<10	<10	<10	<10	<10	<10
Thiocyanate (as SCN)	µg/L	-	-	-	<20	<20	<20	<20	<20	<20	<20
Ortho phosphate as PO4	mg/l	-	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
BTEX and MTBE											
Benzene	µg/L	-	1 ^{#1}	8 ^{#10}	---	---	---	---	---	---	---
Toluene	µg/L	-	700 ^{#6}	74 ^{#10}	---	---	---	---	---	---	---
Ethylbenzene	µg/L	-	300 ^{#6}	20 ^{#20}	---	---	---	---	---	---	---
Xylene (m & p)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---	---
Xylene (o)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---	---
MTBE	µg/L	-	15 ^{#8}	15 ^{#8}	---	---	---	---	---	---	---
PAH											
Naphthalene	µg/L	-	-	2 ^{#10}	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene	µg/L	-	-	-	0.071	0.054	0.035	0.009	0.023	0.037	0.072
Acenaphthylene	µg/L	-	-	-	0.123	0.11	0.088	0.019	0.038	0.064	0.034
Fluoranthene	µg/L	-	-	0.0063 ^{#10}	1.808	0.926	1.469	0.308	0.433	1.354	0.549
Anthracene	µg/L	-	-	0.1 ^{#10}	0.237	0.103	0.221	0.04	0.081	0.15	0.132
Phenanthrene	µg/L	-	-	-	0.544	0.277	0.533	0.112	0.198	0.408	0.392
Fluorene	µg/L	-	-	-	0.062	0.03	0.063	0.01	0.03	0.044	0.036
Chrysene	µg/L	-	-	-	0.9	0.537	0.723	0.184	0.2	0.651	0.275
Pyrene	µg/L	-	-	-	1.519	0.766	1.183	0.255	0.34	1.152	0.48
Benzo(a)anthracene	µg/L	-	-	-	1.073	0.558	0.778	0.171	0.217	0.646	0.253
Benzo(b)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	1.333	0.742	1.05	0.283	0.29	0.899	0.377
Benzo(k)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.518	0.288	0.409	0.11	0.113	0.349	0.147
Benzo(b+k)fluoranthene	µg/L	-	-	-	1.851	1.03	1.459	0.393	0.403	1.248	0.524
Benzo(a)pyrene	µg/L	-	0.01 ^{#1}	0.00017 ^{#22}	1.007	0.546	0.799	0.18	0.218	0.72	0.231
Dibenz(a,h)anthracene	µg/L	-	-	-	0.146	0.088	0.106	0.028	0.038	0.107	0.042
Benzo(g,h,i)perylene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.704	0.385	0.462	0.122	0.132	0.486	0.178
Indeno(1,2,3-c,d)pyrene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.821	0.425	0.582	0.159	0.149	0.498	0.174
PAH 16 Total	µg/L	-	-	-	10.866	6.035	8.501	1.99	2.5	7.565	3.372
Other											
pH (Lab)	pH_Units	-	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#18}	9.7	8.03	8.74	7.96	10.62	10.31	11.13

Land West of Warrenby Made Ground Leachate



Matrix Description					MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code					LWW-SP558-S2	LWW-SP558-S2	LWW-SP559-S1	LWW-SP559-S1	LWW-SP564-S1	LWW-SP565-S1	LWW-SP566-S7
Matrix Type					Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number					24-250-99-080324	24-250-99-080324	24-250-99-080324	24-250-99-080324	24-250-115-110324	24-250-122-250424	24-250-168-090424
Date					21 Feb 2024	21 Feb 2024	21 Feb 2024	21 Feb 2024	04 Mar 2024	06 Mar 2024	20 Mar 2024
Depth									0	0	0
	Unit	Redcar Remi Criteria Soil	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Metals											
Aluminium (filtered)	µg/L	-	200 ^{#1}	-	87	---	113	---	43	107	189
Arsenic (filtered)	µg/L	-	10 ^{#1}	25 ^{#10}	2.9	---	3.1	---	2.9	2.6	6.2
Boron (filtered)	µg/L	-	1,000 ^{#1}	7,000 ^{#11}	90	---	64	---	139	88	56
Cadmium (filtered)	µg/L	-	5 ^{#1}	0.2 ^{#12}	<0.5	---	<0.5	---	<0.5	<0.5	<0.5
Calcium (filtered)	mg/L	-	-	-	460.2	---	312.8	---	693.1	412.8	78.4
Chromium (hexavalent)	µg/L	-	-	0.6 ^{#12}	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	-	50 ^{#1}	0.6 ^{#12}	<1.5	---	<1.5	---	<1.5	<1.5	<1.5
Copper (filtered)	µg/L	-	2,000 ^{#1}	3.76 ^{#13}	<7	---	<7	---	<7	<7	<7
Ferric Iron (filtered)	µg/L	-	-	1,000 ^{#14}	<20	---	<20	---	<20	<20	<20
Ferrous Iron (filtered)	µg/L	-	-	1,000 ^{#14}	30	---	70	---	100	150	<20
Iron (filtered)	µg/L	-	200 ^{#1}	1,000 ^{#10}	9.5	---	<4.7	---	<4.7	<4.7	<4.7
Lead (filtered)	µg/L	-	10 ^{#1}	1.3 ^{#12}	<5	---	<5	---	<5	<5	<5
Magnesium (filtered)	mg/L	-	-	-	4.1	---	3.6	---	11.8	2.1	2.3
Manganese (filtered)	µg/L	-	50 ^{#1}	-	<2	---	2	---	28	<2	<2
Mercury (filtered)	µg/L	-	1 ^{#1}	0.07 (MAC) ^{#15}	<0.01	---	<0.01	---	<0.01	<0.01	<0.01
Nickel (filtered)	µg/L	-	20 ^{#1}	8.6 ^{#12}	<2	---	<2	---	<2	<2	<2
Potassium (filtered)	mg/L	-	-	-	10.5	---	9.5	---	9	5.4	4
Sodium (filtered)	mg/L	-	200 ^{#1}	-	3.9	---	9.5	---	3.8	2.4	1.8
Vanadium (filtered)	µg/L	-	-	100 ^{#16}	48.1	---	21.2	---	42.6	88.4	60.5
Zinc (filtered)	µg/L	-	3,000 ^{#2}	7.9 ^{#17}	<3	---	<3	---	<3	<3	<3
Inorganics											
Inorganic Nitrogen	mg/l	-	-	-	0.09	---	0.08	---	0.07	0.06	0.15
Ammoniacal Nitrogen as N	mg/L	-	-	0.021 ^{#10}	0.04	---	<0.03	---	<0.03	<0.03	<0.03
Cyanide (Free)	µg/L	-	50 ^{#1}	1 ^{#10}	2	---	4	---	<1	2	<1
Cyanide Total	µg/L	-	50 ^{#1}	1 ^{#10}	9	---	5	---	4	7	2
Cyanide (Complex)	µg/L	-	50 ^{#1}	1 ^{#10}	7	---	1	---	4	5	2
Nitrate (as NO3-)	mg/L	-	50 (NO3) ^{#3}	-	0.2	---	0.4	---	0.3	0.3	0.7
Nitrite (as NO2-)	mg/L	-	0.5 (NO2) ^{#4}	-	<0.02	---	<0.02	---	<0.02	<0.02	<0.02
Sulphate	mg/L	-	250 (SO4) ^{#5}	-	891.3	---	624	---	1,251.4	862.3	152.1
Phosphate (as PO4)	mg/L	-	-	-	---	---	---	---	---	---	---
Sulphide	µg/L	-	-	10 (MAC) ^{#19}	<10	---	<10	---	<10	<10	<10
Thiocyanate (as SCN)	µg/L	-	-	-	<20	---	<20	---	<20	<20	<20
Ortho phosphate as PO4	mg/l	-	-	-	<0.06	---	<0.06	---	<0.06	<0.06	<0.06
BTEX and MTBE											
Benzene	µg/L	-	1 ^{#1}	8 ^{#10}	---	---	---	---	---	---	---
Toluene	µg/L	-	700 ^{#6}	74 ^{#10}	---	---	---	---	---	---	---
Ethylbenzene	µg/L	-	300 ^{#6}	20 ^{#20}	---	---	---	---	---	---	---
Xylene (m & p)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---	---
Xylene (o)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---	---
MTBE	µg/L	-	15 ^{#8}	15 ^{#8}	---	---	---	---	---	---	---
PAH											
Naphthalene	µg/L	-	-	2 ^{#10}	0.1	---	<0.1	---	<0.1	0.6	<0.1
Acenaphthene	µg/L	-	-	-	0.119	---	0.026	---	0.143	0.107	0.103
Acenaphthylene	µg/L	-	-	-	0.087	---	0.044	---	0.147	0.013	0.267
Fluoranthene	µg/L	-	-	0.0063 ^{#10}	1.867	---	0.892	---	4.605	0.338	5.532
Anthracene	µg/L	-	-	0.1 ^{#10}	0.303	---	0.112	---	0.555	0.073	0.6
Phenanthrene	µg/L	-	-	-	0.806	---	0.252	---	1.72	0.238	1.072
Fluorene	µg/L	-	-	-	0.131	---	0.017	---	0.138	0.059	0.126
Chrysene	µg/L	-	-	-	0.741	---	2.239	---	2.239	0.12	2.392
Pyrene	µg/L	-	-	-	1.453	---	0.743	---	3.631	0.256	4.81
Benzo(a)anthracene	µg/L	-	-	-	0.808	---	0.421	---	2.316	0.133	2.588
Benzo(b)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	1.025	---	0.59	---	3.221	0.153	4.342
Benzo(k)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.398	---	0.23	---	1.252	0.059	1.689
Benzo(b+k)fluoranthene	µg/L	-	-	-	1.423	---	0.82	---	4.473	0.212	6.031
Benzo(a)pyrene	µg/L	-	0.01 ^{#1}	0.00017 ^{#22}	0.764	---	0.408	---	2.527	0.109	3.364
Dibenz(a,h)anthracene	µg/L	-	-	-	0.116	---	0.063	---	0.297	0.019	0.425
Benzo(g,h,i)perylene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.486	---	0.296	---	1.66	0.085	2.334
Indeno(1,2,3-c,d)pyrene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.565	---	0.329	---	1.679	0.096	2.76
PAH 16 Total	µg/L	-	-	-	9.769	---	4.824	---	26.13	2.458	32.404
Other											
pH (Lab)	pH_Units	-	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#18}	9.51	---	9.04	---	7.7	10.16	9.19

Land West of Warrenby Made Ground Leachate



Matrix Description					MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code					LWW-SP567-S1	LWW-SP568-S1	LWW-SP569-S1	LWW-SP570-S1	LWW-SP571-S1	LWW-SP572-S1	LWW-SP574-S1
Matrix Type					Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number					24-250-164-280324	24-250-164-280324	24-250-164-280324	24-250-164-280324	24-250-191-090424	24-250-191-090424	24-250-222-220424
Date					18 Mar 2024	18 Mar 2024	18 Mar 2024	18 Mar 2024	26 Mar 2024	26 Mar 2024	12 Apr 2024
Depth					0	0	0	0	0	0	0
	Unit	Redcar Remi Criteria Soil	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Metals											
Aluminium (filtered)	µg/L	-	200 ^{#1}	-	278	848	485	273	318	1,132	26
Arsenic (filtered)	µg/L	-	10 ^{#1}	25 ^{#10}	3	<2.5	<2.5	<2.5	6.5	<2.5	2.7
Boron (filtered)	µg/L	-	1,000 ^{#1}	7,000 ^{#11}	70	30	44	53	62	18	71
Cadmium (filtered)	µg/L	-	5 ^{#1}	0.2 ^{#12}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Calcium (filtered)	mg/L	-	-	-	89.8	129.4	185.7	259.8	54	95.3	98.5
Chromium (hexavalent)	µg/L	-	-	0.6 ^{#12}	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	-	50 ^{#1}	0.6 ^{#12}	1.6	43	<1.5	<1.5	1.6	55.8	2.2
Copper (filtered)	µg/L	-	2,000 ^{#1}	3.76 ^{#13}	<7	17	<7	<7	<7	18	<7
Ferric Iron (filtered)	µg/L	-	-	1,000 ^{#14}	<20	<20	<20	<20	210	<20	<20
Ferrous Iron (filtered)	µg/L	-	-	1,000 ^{#14}	<20	70	20	40	<20	60	30
Iron (filtered)	µg/L	-	200 ^{#1}	1,000 ^{#10}	<4.7	<4.7	<4.7	<4.7	214.2	<4.7	5.8
Lead (filtered)	µg/L	-	10 ^{#1}	1.3 ^{#12}	<5	<5	<5	<5	8	<5	<5
Magnesium (filtered)	mg/L	-	-	-	0.5	<0.1	1.7	2.8	2.7	<0.1	48.5
Manganese (filtered)	µg/L	-	50 ^{#1}	-	<2	<2	<2	<2	19	<2	<2
Mercury (filtered)	µg/L	-	1 ^{#1}	0.07 (MAC) ^{#15}	<0.01	0.02	<0.01	<0.01	0.01	0.01	<0.01
Nickel (filtered)	µg/L	-	20 ^{#1}	8.6 ^{#12}	<2	<2	<2	<2	<2	<2	<2
Potassium (filtered)	mg/L	-	-	-	7.1	8.3	20.5	13	3.5	2.5	47.5
Sodium (filtered)	mg/L	-	200 ^{#1}	-	3.8	3.1	7.3	5.1	1.8	1.1	99.9
Vanadium (filtered)	µg/L	-	-	100 ^{#16}	203.2	123.9	24.2	28.7	32.1	53	51.5
Zinc (filtered)	µg/L	-	3,000 ^{#2}	7.9 ^{#17}	<3	<3	<3	<3	36	<3	<3
Inorganics											
Inorganic Nitrogen	mg/l	-	-	-	0.29	0.14	0.07	0.11	0.07	0.25	<0.05
Ammoniacal Nitrogen as N	mg/L	-	-	0.021 ^{#10}	0.07	<0.03	<0.03	<0.03	<0.03	0.07	<0.03
Cyanide (Free)	µg/L	-	50 ^{#1}	1 ^{#10}	<1	<1	<1	<1	<1	<1	<1
Cyanide Total	µg/L	-	50 ^{#1}	1 ^{#10}	1	13	1	1	<1	<1	<1
Cyanide (Complex)	µg/L	-	50 ^{#1}	1 ^{#10}	1	13	1	1	<1	<1	<1
Nitrate (as NO3-)	mg/L	-	50 (NO3) ^{#3}	-	0.9	0.6	0.3	0.5	0.3	0.7	<0.2
Nitrite (as NO2-)	mg/L	-	0.5 (NO2) ^{#4}	-	0.03	0.03	<0.02	<0.02	<0.02	0.08	<0.02
Sulphate	mg/L	-	250 (SO4) ^{#5}	-	165.5	162.7	428.6	502.7	108.8	16.7	445.1
Phosphate (as PO4)	mg/L	-	-	-	---	---	---	---	---	---	---
Sulphide	µg/L	-	-	10 (MAC) ^{#19}	<10	<10	<10	<10	<10	<10	<10
Thiocyanate (as SCN)	µg/L	-	-	-	<20	<20	<20	20	<20	<20	<20
Ortho phosphate as PO4	mg/l	-	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
BTEX and MTBE											
Benzene	µg/L	-	1 ^{#1}	8 ^{#10}	---	---	---	---	---	---	---
Toluene	µg/L	-	700 ^{#6}	74 ^{#10}	---	---	---	---	---	---	---
Ethylbenzene	µg/L	-	300 ^{#6}	20 ^{#20}	---	---	---	---	---	---	---
Xylene (m & p)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---	---
Xylene (o)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---	---
MTBE	µg/L	-	15 ^{#8}	15 ^{#8}	---	---	---	---	---	---	---
PAH											
Naphthalene	µg/L	-	-	2 ^{#10}	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene	µg/L	-	-	-	0.09	0.049	0.487	0.01	0.01	0.022	0.034
Acenaphthylene	µg/L	-	-	-	0.06	0.049	0.03	0.009	0.005	0.04	0.037
Fluoranthene	µg/L	-	-	0.0063 ^{#10}	1.14	1.115	3.314	0.189	0.059	0.965	0.905
Anthracene	µg/L	-	-	0.1 ^{#10}	0.228	0.142	0.972	0.026	0.012	0.092	0.117
Phenanthrene	µg/L	-	-	-	0.836	0.386	4.759	0.064	0.041	0.206	0.312
Fluorene	µg/L	-	-	-	0.083	0.035	0.291	0.009	0.009	0.024	0.031
Chrysene	µg/L	-	-	-	0.404	0.565	0.356	0.091	0.024	0.455	0.424
Pyrene	µg/L	-	-	-	0.784	0.922	1.914	0.151	0.048	0.848	0.764
Benzo(a)anthracene	µg/L	-	-	-	0.419	0.58	0.38	0.103	0.023	0.444	0.424
Benzo(b)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.498	0.849	0.303	0.13	0.032	0.732	0.579
Benzo(k)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.193	0.33	0.118	0.051	0.012	0.284	0.225
Benzo(b+k)fluoranthene	µg/L	-	-	-	0.691	1.179	0.421	0.181	0.044	1.016	0.804
Benzo(a)pyrene	µg/L	-	0.01 ^{#1}	0.00017 ^{#22}	0.344	0.619	0.22	0.098	0.021	0.551	0.457
Dibenz(a,h)anthracene	µg/L	-	-	-	0.054	0.099	0.039	0.018	<0.005	0.075	0.065
Benzo(g,h,i)perylene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.235	0.444	0.149	0.07	0.015	0.368	0.288
Indeno(1,2,3-c,d)pyrene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.283	0.517	0.172	0.074	0.018	0.417	0.322
PAH 16 Total	µg/L	-	-	-	5.651	6.701	13.504	1.093	0.329	5.523	4.984
Other											
pH (Lab)	pH_Units	-	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#18}	9.59	11.4	9.8	9.51	9.28	11.74	8.95

Land West of Warrenby Made Ground Leachate



Matrix Description					MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code					LWW-SP579-S1	LWW-SP582-S1	LWW-SP583-S1	LWW-SP584-S1	LWW-SP585-S1	LWW-SP587-S1	LWW-SP588-S1
Matrix Type					Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number					24-250-238-030524	24-250-238-030524	24-250-235-010524	24-250-238-030524	24-250-238-030524	24-250-244-100524	24-250-261-150524
Date					23 Apr 2024	23 Apr 2024	23 Apr 2024	23 Apr 2024	23 Apr 2024	26 Apr 2024	07 May 2024
Depth					0	0	0	0	0	0	0
	Unit	Redcar Remi Criteria Soil	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Metals											
Aluminium (filtered)	µg/L	-	200 ^{#1}	-	219	203	273	759	1,081	104	577
Arsenic (filtered)	µg/L	-	10 ^{#1}	25 ^{#10}	2.6	3.4	3.3	<2.5	<2.5	2.6	2.7
Boron (filtered)	µg/L	-	1,000 ^{#1}	7,000 ^{#11}	93	80	72	60	128	112	63
Cadmium (filtered)	µg/L	-	5 ^{#1}	0.2 ^{#12}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Calcium (filtered)	mg/L	-	-	-	81.5	137.6	71.6	114.4	114.5	725.3	351.9
Chromium (hexavalent)	µg/L	-	-	0.6 ^{#12}	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	-	50 ^{#1}	0.6 ^{#12}	<1.5	<1.5	13.8	12.9	<1.5	<1.5	<1.5
Copper (filtered)	µg/L	-	2,000 ^{#1}	3.76 ^{#13}	<7	<7	<7	<7	<7	<7	<7
Ferric Iron (filtered)	µg/L	-	-	1,000 ^{#14}	<20	<20	<20	<20	<20	<20	<20
Ferrous Iron (filtered)	µg/L	-	-	1,000 ^{#14}	<20	20	<20	50	<20	<20	80
Iron (filtered)	µg/L	-	200 ^{#1}	1,000 ^{#10}	<4.7	<4.7	17.9	<4.7	<4.7	<4.7	<4.7
Lead (filtered)	µg/L	-	10 ^{#1}	1.3 ^{#12}	<5	<5	<5	<5	<5	<5	<5
Magnesium (filtered)	mg/L	-	-	-	3.6	0.4	0.2	0.2	0.9	4.6	0.4
Manganese (filtered)	µg/L	-	50 ^{#1}	-	<2	<2	<2	<2	<2	<2	<2
Mercury (filtered)	µg/L	-	1 ^{#1}	0.07 (MAC) ^{#15}	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02
Nickel (filtered)	µg/L	-	20 ^{#1}	8.6 ^{#12}	<2	<2	<2	<2	<2	<2	<2
Potassium (filtered)	mg/L	-	-	-	8.5	12.8	6.9	6.3	4.5	8.8	11.4
Sodium (filtered)	mg/L	-	200 ^{#1}	-	5	6.9	3.3	2.7	2.3	4.2	5.2
Vanadium (filtered)	µg/L	-	-	100 ^{#16}	43	154.4	290.5	138.3	22.9	79.5	121.2
Zinc (filtered)	µg/L	-	3,000 ^{#2}	7.9 ^{#17}	<3	<3	<3	<3	<3	<3	<3
Inorganics											
Inorganic Nitrogen	mg/l	-	-	-	<0.05	0.06	0.2	<0.05	<0.05	<0.05	0.05
Ammoniacal Nitrogen as N	mg/L	-	-	0.021 ^{#10}	<0.03	0.05	0.04	0.03	<0.03	<0.03	0.05
Cyanide (Free)	µg/L	-	50 ^{#1}	1 ^{#10}	<1	<1	<1	<1	<1	<1	3
Cyanide Total	µg/L	-	50 ^{#1}	1 ^{#10}	4	2	47	1	2	6	24
Cyanide (Complex)	µg/L	-	50 ^{#1}	1 ^{#10}	4	2	47	1	2	6	21
Nitrate (as NO3-)	mg/L	-	50 (NO3) ^{#3}	-	<0.2	<0.2	0.7	<0.2	<0.2	<0.2	<0.2
Nitrite (as NO2-)	mg/L	-	0.5 (NO2) ^{#4}	-	<0.02	0.03	<0.02	<0.02	0.02	<0.02	<0.02
Sulphate	mg/L	-	250 (SO4) ^{#5}	-	197.4	284.1	116.5	192.6	245.9	1,137.1	643.9
Phosphate (as PO4)	mg/L	-	-	-	---	---	---	---	---	---	---
Sulphide	µg/L	-	-	10 (MAC) ^{#19}	<10	<10	<10	20	<10	<10	<10
Thiocyanate (as SCN)	µg/L	-	-	-	<20	<20	<20	<20	<20	<20	50
Ortho phosphate as PO4	mg/l	-	-	-	<0.06	<0.06	<0.06	0.07	<0.06	<0.06	<0.06
BTEX and MTBE											
Benzene	µg/L	-	1 ^{#1}	8 ^{#10}	---	---	---	---	---	---	---
Toluene	µg/L	-	700 ^{#6}	74 ^{#10}	---	---	---	---	---	---	---
Ethylbenzene	µg/L	-	300 ^{#6}	20 ^{#20}	---	---	---	---	---	---	---
Xylene (m & p)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---	---
Xylene (o)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---	---
MTBE	µg/L	-	15 ^{#8}	15 ^{#8}	---	---	---	---	---	---	---
PAH											
Naphthalene	µg/L	-	-	2 ^{#10}	<0.1	<0.1	<0.1	0.1	<0.1	0.1	4.5
Acenaphthene	µg/L	-	-	-	0.026	0.253	0.009	0.034	0.006	0.125	0.28
Acenaphthylene	µg/L	-	-	-	<0.005	0.028	0.008	0.05	<0.005	0.049	0.442
Fluoranthene	µg/L	-	-	0.0063 ^{#10}	0.039	0.328	0.059	1.039	0.027	1.121	0.819
Anthracene	µg/L	-	-	0.1 ^{#10}	0.012	0.107	0.016	0.128	0.009	0.179	0.322
Phenanthrene	µg/L	-	-	-	0.019	0.205	0.048	0.282	0.012	0.492	0.879
Fluorene	µg/L	-	-	-	0.013	0.119	0.009	0.035	<0.005	0.087	0.483
Chrysene	µg/L	-	-	-	0.01	0.112	0.036	0.499	0.008	0.507	0.34
Pyrene	µg/L	-	-	-	0.032	0.26	0.048	0.868	0.023	0.855	0.602
Benzo(a)anthracene	µg/L	-	-	-	0.012	0.105	0.03	0.483	<0.005	0.514	0.359
Benzo(b)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.01	0.117	0.042	0.678	<0.008	0.685	0.394
Benzo(k)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	<0.008	0.046	0.016	0.264	<0.008	0.266	0.153
Benzo(b+k)fluoranthene	µg/L	-	-	-	0.014	0.163	0.058	0.942	0.01	0.951	0.547
Benzo(a)pyrene	µg/L	-	0.01 ^{#1}	0.00017 ^{#22}	0.009	0.084	0.025	0.523	0.006	0.532	0.285
Dibenz(a,h)anthracene	µg/L	-	-	-	<0.005	0.012	0.006	0.069	<0.005	0.077	0.044
Benzo(g,h,i)perylene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.005	0.056	0.019	0.301	<0.005	0.352	0.154
Indeno(1,2,3-c,d)pyrene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.006	0.055	0.018	0.325	<0.005	0.369	0.163
PAH 16 Total	µg/L	-	-	-	0.197	1.887	0.389	5.678	<0.173	6.31	10.219
Other											
pH (Lab)	pH_Units	-	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#18}	8.5	9.87	10.31	10.71	9.14	9.42	10.54

Land West of Warrenby Made Ground Leachate



Matrix Description					MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code					LWW-SP589-S1	LWW-SP590-S1	LWW-SP591-S1	LWW-SP592-S1	LWW-SP594-S1	LWW-SP595-S1	LWW-SP596-S1
Matrix Type					Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number					24-250-268-290524	24-250-271-310524	24-250-281-030624	24-250-281-030624	24-250-308-170624	24-250-308-170624	24-250-308-170624
Date					10 May 2024	13 May 2024	16 May 2024	20 May 2024	30 May 2024	30 May 2024	30 May 2024
Depth					0	0	0	0	0	0	0
	Unit	Redcar Remi Criteria Soil	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Metals											
Aluminium (filtered)	µg/L	-	200 ^{#1}	-	251	196	352	122	170	1,100	1,492
Arsenic (filtered)	µg/L	-	10 ^{#1}	25 ^{#10}	3.2	<2.5	2.9	3.3	4.4	<2.5	<2.5
Boron (filtered)	µg/L	-	1,000 ^{#1}	7,000 ^{#11}	109	<12	76	68	65	<12	19
Cadmium (filtered)	µg/L	-	5 ^{#1}	0.2 ^{#12}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Calcium (filtered)	mg/L	-	-	-	540.1	445.9	120.8	141.3	191.8	201.3	94.9
Chromium (hexavalent)	µg/L	-	-	0.6 ^{#12}	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	-	50 ^{#1}	0.6 ^{#12}	<1.5	38	<1.5	<1.5	7.4	67.5	48.1
Copper (filtered)	µg/L	-	2,000 ^{#1}	3.76 ^{#13}	<7	7	<7	<7	<7	<7	<7
Ferric Iron (filtered)	µg/L	-	-	1,000 ^{#14}	<20	<100	<20	<20	<20	<20	<20
Ferrous Iron (filtered)	µg/L	-	-	1,000 ^{#14}	<20	<100	<20	<20	20	40	<20
Iron (filtered)	µg/L	-	200 ^{#1}	1,000 ^{#10}	<4.7	<4.7	<4.7	<4.7	33.6	<4.7	<4.7
Lead (filtered)	µg/L	-	10 ^{#1}	1.3 ^{#12}	<5	19	<5	<5	<5	<5	<5
Magnesium (filtered)	mg/L	-	-	-	1.5	<0.1	0.6	3.7	0.6	<0.1	<0.1
Manganese (filtered)	µg/L	-	50 ^{#1}	-	<2	<2	<2	<2	<2	<2	<2
Mercury (filtered)	µg/L	-	1 ^{#1}	0.07 (MAC) ^{#15}	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01
Nickel (filtered)	µg/L	-	20 ^{#1}	8.6 ^{#12}	<2	<2	<2	<2	<2	<2	<2
Potassium (filtered)	mg/L	-	-	-	15.5	9.2	7.3	4.3	6.6	9.4	6.9
Sodium (filtered)	mg/L	-	200 ^{#1}	-	6.7	2.3	4	2.9	3.9	2.5	1.8
Vanadium (filtered)	µg/L	-	-	100 ^{#16}	92.4	<1.5	57.8	19	151.6	12	67
Zinc (filtered)	µg/L	-	3,000 ^{#2}	7.9 ^{#17}	<3	5	<3	<3	<3	4	<3
Inorganics											
Inorganic Nitrogen	mg/l	-	-	-	6.4	0.35	0.09	0.13	0.63	0.62	0.23
Ammoniacal Nitrogen as N	mg/L	-	-	0.021 ^{#10}	<0.03	0.06	<0.03	<0.03	<0.03	0.05	<0.03
Cyanide (Free)	µg/L	-	50 ^{#1}	1 ^{#10}	1	<1	<1	<1	<1	2	<1
Cyanide Total	µg/L	-	50 ^{#1}	1 ^{#10}	13	6	3	<1	104	13	1
Cyanide (Complex)	µg/L	-	50 ^{#1}	1 ^{#10}	12	6	3	<1	104	11	1
Nitrate (as NO3-)	mg/L	-	50 (NO3) ^{#3}	-	28.3	1	0.4	0.6	2.8	2.2	0.9
Nitrite (as NO2-)	mg/L	-	0.5 (NO2) ^{#4}	-	<0.02	0.2	<0.02	<0.02	<0.02	0.27	0.08
Sulphate	mg/L	-	250 (SO4) ^{#5}	-	867.3	14.5	256.6	335.6	412.7	12	42.3
Phosphate (as PO4)	mg/L	-	-	-	---	---	---	---	---	---	---
Sulphide	µg/L	-	-	10 (MAC) ^{#19}	<10	<10	<10	<10	<10	<10	<10
Thiocyanate (as SCN)	µg/L	-	-	-	20	<20	<20	30	30	90	<20
Ortho phosphate as PO4	mg/l	-	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	0.17
BTEX and MTBE											
Benzene	µg/L	-	1 ^{#1}	8 ^{#10}	---	---	---	---	---	---	---
Toluene	µg/L	-	700 ^{#6}	74 ^{#10}	---	---	---	---	---	---	---
Ethylbenzene	µg/L	-	300 ^{#6}	20 ^{#20}	---	---	---	---	---	---	---
Xylene (m & p)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---	---
Xylene (o)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---	---
MTBE	µg/L	-	15 ^{#8}	15 ^{#8}	---	---	---	---	---	---	---
PAH											
Naphthalene	µg/L	-	-	2 ^{#10}	<0.1	<0.1	<0.1	<0.1	<0.1	0.4	<0.1
Acenaphthene	µg/L	-	-	-	0.056	0.115	<0.005	<0.005	0.063	0.671	0.031
Acenaphthylene	µg/L	-	-	-	0.021	0.073	0.01	<0.005	0.022	0.036	0.018
Fluoranthene	µg/L	-	-	0.0063 ^{#10}	0.143	0.196	0.025	0.099	0.269	0.225	0.329
Anthracene	µg/L	-	-	0.1 ^{#10}	0.32	0.193	<0.005	<0.005	0.057	0.089	0.068
Phenanthrene	µg/L	-	-	-	0.044	0.19	<0.005	0.01	0.135	0.366	0.224
Fluorene	µg/L	-	-	-	0.026	0.043	<0.005	<0.005	0.043	0.112	0.014
Chrysene	µg/L	-	-	-	0.049	0.085	0.018	0.062	0.173	0.054	0.157
Pyrene	µg/L	-	-	-	0.116	0.178	0.29	0.083	0.279	0.157	0.284
Benzo(a)anthracene	µg/L	-	-	-	0.051	0.081	0.016	0.056	0.169	0.051	0.152
Benzo(b)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.062	0.105	0.024	0.076	0.274	0.05	0.204
Benzo(k)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.024	0.041	0.01	0.03	0.107	0.02	0.079
Benzo(b+k)fluoranthene	µg/L	-	-	-	0.086	0.146	0.034	0.106	0.381	0.07	0.283
Benzo(a)pyrene	µg/L	-	0.01 ^{#1}	0.00017 ^{#22}	0.046	0.077	0.014	0.053	0.211	0.036	0.115
Dibenz(a,h)anthracene	µg/L	-	-	-	0.01	0.016	<0.005	<0.005	0.031	<0.005	0.019
Benzo(g,h,i)perylene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.036	0.065	0.012	0.037	0.14	0.022	0.109
Indeno(1,2,3-c,d)pyrene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.035	0.067	0.013	0.04	0.155	0.021	0.107
PAH 16 Total	µg/L	-	-	-	1.039	1.525	0.432	0.546	2.128	2.31	1.91
Other											
pH (Lab)	pH_Units	-	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#18}	10.03	12.38	9.85	7.39	10.29	12.1	11.67

Land West of Warrenby Made Ground Leachate



Matrix Description					MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code					LWW-SP597-S1	LWW-SP598-S1	LWW-SP599-S1	LWW-SP603-S8	LWW-SP604-S6	LWW-SP605-S2
Matrix Type					Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number					24-250-314-170624	24-250-335-110724	24-250-327-190624	23-9664-112-290923	23-9664-112-290923	23-9664-121-161023
Date					03 Jun 2024	13 Jun 2024	06 Jun 2024	20 Sep 2023	20 Sep 2023	27 Sep 2023
Depth					0					
	Unit	Redcar Remi Criteria Soil	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Metals										
Aluminium (filtered)	µg/L	-	200 ^{#1}	-	301	1,414	610	35	44	401
Arsenic (filtered)	µg/L	-	10 ^{#1}	25 ^{#10}	<2.5	<2.5	<2.5	10.1	9.7	5.9
Boron (filtered)	µg/L	-	1,000 ^{#1}	7,000 ^{#11}	<12	30	30	122	124	113
Cadmium (filtered)	µg/L	-	5 ^{#1}	0.2 ^{#12}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Calcium (filtered)	mg/L	-	-	-	15.4	149.8	154.3	56.5	59.3	119.7
Chromium (hexavalent)	µg/L	-	-	0.6 ^{#12}	---	---	---	---	---	---
Chromium (filtered)	µg/L	-	50 ^{#1}	0.6 ^{#12}	<1.5	<1.5	18.6	5.5	10.4	5.6
Copper (filtered)	µg/L	-	2,000 ^{#1}	3.76 ^{#13}	<7	<7	<7	<7	8	<7
Ferric Iron (filtered)	µg/L	-	-	1,000 ^{#14}	<20	<20	<20	<20	<20	<20
Ferrous Iron (filtered)	µg/L	-	-	1,000 ^{#14}	<20	<20	80	<20	<20	50
Iron (filtered)	µg/L	-	200 ^{#1}	1,000 ^{#10}	<4.7	4.8	<4.7	<4.7	5.1	<4.7
Lead (filtered)	µg/L	-	10 ^{#1}	1.3 ^{#12}	<5	<5	<5	<5	<5	<5
Magnesium (filtered)	mg/L	-	-	-	0.7	<0.1	<0.1	7.2	6.9	0.5
Manganese (filtered)	µg/L	-	50 ^{#1}	-	2	<2	<2	<2	<2	<2
Mercury (filtered)	µg/L	-	1 ^{#1}	0.07 (MAC) ^{#15}	<0.01	0.07	0.01	<0.01	<0.01	<0.01
Nickel (filtered)	µg/L	-	20 ^{#1}	8.6 ^{#12}	<2	<2	<2	<2	<2	<2
Potassium (filtered)	mg/L	-	-	-	0.2	5.4	9.1	5.2	5.3	7.3
Sodium (filtered)	mg/L	-	200 ^{#1}	-	1.2	4.2	3.2	4.6	4.1	3.2
Vanadium (filtered)	µg/L	-	-	100 ^{#16}	<1.5	42	200.6	63.1	69.4	132.3
Zinc (filtered)	µg/L	-	3,000 ^{#2}	7.9 ^{#17}	<3	<3	<3	<3	<3	<3
Inorganics										
Inorganic Nitrogen	mg/l	-	-	-	0.14	<0.05	<0.05	0.24	0.3	0.28
Ammoniacal Nitrogen as N	mg/L	-	-	0.021 ^{#10}	<0.03	<0.03	0.03	<0.03	<0.03	<0.03
Cyanide (Free)	µg/L	-	50 ^{#1}	1 ^{#10}	<1	<1	<1	<1	<1	<1
Cyanide Total	µg/L	-	50 ^{#1}	1 ^{#10}	<1	<1	2	8	11	3
Cyanide (Complex)	µg/L	-	50 ^{#1}	1 ^{#10}	<1	<1	2	8	11	3
Nitrate (as NO3-)	mg/L	-	50 (NO3) ^{#3}	-	0.5	<0.2	<0.2	1.1	1.3	1.2
Nitrite (as NO2-)	mg/L	-	0.5 (NO2) ^{#4}	-	0.07	<0.02	0.03	<0.02	<0.02	<0.02
Sulphate	mg/L	-	250 (SO4) ^{#5}	-	48.2	246.4	284.2	137.7	132.4	215.6
Phosphate (as PO4)	mg/L	-	-	-	---	---	---	---	---	---
Sulphide	µg/L	-	-	10 (MAC) ^{#19}	<10	90	40	<10	<10	<10
Thiocyanate (as SCN)	µg/L	-	-	-	<20	20	<20	<20	<20	20
Ortho phosphate as PO4	mg/l	-	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
BTEX and MTBE										
Benzene	µg/L	-	1 ^{#1}	8 ^{#10}	---	---	---	---	---	---
Toluene	µg/L	-	700 ^{#6}	74 ^{#10}	---	---	---	---	---	---
Ethylbenzene	µg/L	-	300 ^{#6}	20 ^{#20}	---	---	---	---	---	---
Xylene (m & p)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---
Xylene (o)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---
MTBE	µg/L	-	15 ^{#8}	15 ^{#8}	---	---	---	---	---	---
PAH										
Naphthalene	µg/L	-	-	2 ^{#10}	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene	µg/L	-	-	-	0.02	0.012	0.096	0.034	0.128	0.134
Acenaphthylene	µg/L	-	-	-	0.008	0.005	0.013	0.058	0.062	0.096
Fluoranthene	µg/L	-	-	0.0063 ^{#10}	0.054	0.079	0.177	1.499	1.873	1.753
Anthracene	µg/L	-	-	0.1 ^{#10}	0.017	0.016	0.048	0.101	0.173	0.219
Phenanthrene	µg/L	-	-	-	0.056	0.042	0.156	0.406	0.524	0.584
Fluorene	µg/L	-	-	-	<0.005	0.008	0.034	0.022	0.056	0.075
Chrysene	µg/L	-	-	-	0.024	0.041	0.072	0.842	0.949	0.842
Pyrene	µg/L	-	-	-	0.048	0.052	0.14	1.29	1.615	1.46
Benzo(a)anthracene	µg/L	-	-	-	0.022	0.033	0.075	0.788	0.859	0.855
Benzo(b)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.026	0.039	0.086	1.176	1.3	1.095
Benzo(k)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.01	0.015	0.034	0.457	0.506	0.426
Benzo(b+k)fluoranthene	µg/L	-	-	-	0.036	0.054	0.12	1.633	1.806	1.521
Benzo(a)pyrene	µg/L	-	0.01 ^{#1}	0.00017 ^{#22}	0.018	0.028	0.062	0.736	0.76	0.799
Dibenz(a,h)anthracene	µg/L	-	-	-	<0.005	0.008	0.008	0.081	0.116	0.128
Benzo(g,h,i)perylene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.013	0.015	0.04	0.718	0.709	0.489
Indeno(1,2,3-c,d)pyrene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.015	0.021	0.04	0.994	0.805	0.555
PAH 16 Total	µg/L	-	-	-	0.431	0.414	1.081	9.202	10.435	9.51
Other										
pH (Lab)	pH_Units	-	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#18}	11.26	11.28	11	9.07	8.92	10.03

Land West of Warrenby Made Ground Leachate



Matrix Description					MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code					LWW-SP607-S3	LWW-SP607-S13	LWW-SP608-S1	LWW-SP612-S1	LWW-SP613-S1	LWW-SP616-S1
Matrix Type					Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number					23-9664-162-301023	23-9664-184-201123	23-9664-164-311023	23-9664-204-301123	23-9664-204-301123	23-9664-220-081223
Date					23 Oct 2023	09 Nov 2023	24 Oct 2023	22 Nov 2023	22 Nov 2023	30 Nov 2023
Depth					0	0	0	0	0	0
	Unit	Redcar Remi Criteria Soil	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Metals										
Aluminium (filtered)	µg/L	-	200 ^{#1}	-	88	114	134	209	260	93
Arsenic (filtered)	µg/L	-	10 ^{#1}	25 ^{#10}	21.4	15.3	8.9	5.4	4.9	8
Boron (filtered)	µg/L	-	1,000 ^{#1}	7,000 ^{#11}	76	147	84	61	85	99
Cadmium (filtered)	µg/L	-	5 ^{#1}	0.2 ^{#12}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Calcium (filtered)	mg/L	-	-	-	60.4	50.8	85.5	77.9	86	196.2
Chromium (hexavalent)	µg/L	-	-	0.6 ^{#12}	---	---	---	---	---	---
Chromium (filtered)	µg/L	-	50 ^{#1}	0.6 ^{#12}	5.3	5.3	9.7	3.4	3	3.4
Copper (filtered)	µg/L	-	2,000 ^{#1}	3.76 ^{#13}	<7	<7	<7	<7	<7	<7
Ferric Iron (filtered)	µg/L	-	-	1,000 ^{#14}	<20	---	<20	<20	<20	<20
Ferrous Iron (filtered)	µg/L	-	-	1,000 ^{#14}	<20	---	30	<20	<20	100
Iron (filtered)	µg/L	-	200 ^{#1}	1,000 ^{#10}	<4.7	104.4	5.9	<4.7	<4.7	<4.7
Lead (filtered)	µg/L	-	10 ^{#1}	1.3 ^{#12}	<5	<5	<5	<5	<5	<5
Magnesium (filtered)	mg/L	-	-	-	3.3	11	1.2	0.6	1.1	2.5
Manganese (filtered)	µg/L	-	50 ^{#1}	-	<2	6	<2	<2	<2	<2
Mercury (filtered)	µg/L	-	1 ^{#1}	0.07 (MAC) ^{#15}	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nickel (filtered)	µg/L	-	20 ^{#1}	8.6 ^{#12}	<2	<2	<2	<2	<2	<2
Potassium (filtered)	mg/L	-	-	-	4.8	4.5	7.9	6.9	13.7	11.1
Sodium (filtered)	mg/L	-	200 ^{#1}	-	2.9	2.5	3.4	3.5	6.6	5.6
Vanadium (filtered)	µg/L	-	-	100 ^{#16}	61.3	76.2	67.6	101.9	81.7	38.5
Zinc (filtered)	µg/L	-	3,000 ^{#2}	7.9 ^{#17}	<3	8	<3	<3	<3	<3
Inorganics										
Inorganic Nitrogen	mg/l	-	-	-	0.21	0.2	0.53	0.18	0.11	0.19
Ammoniacal Nitrogen as N	mg/L	-	-	0.021 ^{#10}	<0.03	<0.03	0.06	<0.03	<0.03	<0.03
Cyanide (Free)	µg/L	-	50 ^{#1}	1 ^{#10}	<1	---	<1	<1	<1	<1
Cyanide Total	µg/L	-	50 ^{#1}	1 ^{#10}	6	6	20	8	6	8
Cyanide (Complex)	µg/L	-	50 ^{#1}	1 ^{#10}	6	---	20	8	6	8
Nitrate (as NO3-)	mg/L	-	50 (NO3) ^{#3}	-	0.9	0.9	2.1	0.8	0.5	0.8
Nitrite (as NO2-)	mg/L	-	0.5 (NO2) ^{#4}	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Sulphate	mg/L	-	250 (SO4) ^{#5}	-	122.2	145.2	157.4	138.9	177	447
Phosphate (as PO4)	mg/L	-	-	-	---	---	---	---	---	---
Sulphide	µg/L	-	-	10 (MAC) ^{#19}	<10	<10	<10	<10	<10	<10
Thiocyanate (as SCN)	µg/L	-	-	-	<20	<20	<20	<20	<20	<20
Ortho phosphate as PO4	mg/l	-	-	-	0.12	<0.06	<0.06	<0.06	<0.06	<0.06
BTEX and MTBE										
Benzene	µg/L	-	1 ^{#1}	8 ^{#10}	---	---	---	---	---	---
Toluene	µg/L	-	700 ^{#6}	74 ^{#10}	---	---	---	---	---	---
Ethylbenzene	µg/L	-	300 ^{#6}	20 ^{#20}	---	---	---	---	---	---
Xylene (m & p)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---
Xylene (o)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---
MTBE	µg/L	-	15 ^{#8}	15 ^{#8}	---	---	---	---	---	---
PAH										
Naphthalene	µg/L	-	-	2 ^{#10}	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene	µg/L	-	-	-	0.082	0.055	0.068	0.093	0.146	0.046
Acenaphthylene	µg/L	-	-	-	0.047	0.049	0.024	0.08	0.161	0.036
Fluoranthene	µg/L	-	-	0.0063 ^{#10}	2.581	2.135	1.48	1.168	2.836	0.99
Anthracene	µg/L	-	-	0.1 ^{#10}	0.141	0.151	0.087	0.144	0.269	0.111
Phenanthrene	µg/L	-	-	-	0.622	0.464	0.407	0.405	0.812	0.431
Fluorene	µg/L	-	-	-	0.049	0.035	0.037	0.04	0.126	0.038
Chrysene	µg/L	-	-	-	1.545	1.278	0.968	0.597	1.285	0.562
Pyrene	µg/L	-	-	-	2.261	1.928	1.262	1.002	2.458	0.82
Benzo(a)anthracene	µg/L	-	-	-	1.491	1.281	0.927	0.561	1.194	0.514
Benzo(b)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	2.246	1.895	1.256	0.958	2.042	0.78
Benzo(k)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.873	0.737	0.489	0.373	0.794	0.304
Benzo(b+k)fluoranthene	µg/L	-	-	-	3.119	2.632	1.745	1.331	2.836	1.084
Benzo(a)pyrene	µg/L	-	0.01 ^{#1}	0.00017 ^{#22}	1.61	1.435	0.966	0.639	1.453	0.495
Dibenz(a,h)anthracene	µg/L	-	-	-	0.21	0.219	0.138	0.118	0.217	0.076
Benzo(g,h,i)perylene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	1.144	1.042	0.576	0.516	1.328	0.364
Indeno(1,2,3-c,d)pyrene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	1.179	1.131	0.64	0.563	1.347	0.397
PAH 16 Total	µg/L	-	-	-	16.081	13.835	9.325	7.257	16.468	5.964
Other										
pH (Lab)	pH_Units	-	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#18}	9.61	8.92	9.76	10.32	10.25	9.7



Matrix Description					MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code					LWW-SP617-S1	LWW-SP618-S1	LWW-SP619-S1	LWW-SP620-S1	LWW-SP620-S1	LWW-SP621-S1
Matrix Type					Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number					23-9664-226-040124	23-9664-234-191223	23-9664-236-211223	24-250-12-240124	24-250-12-240124	24-250-67-150224
Date					04 Dec 2023	08 Dec 2023	11 Dec 2023	11 Jan 2024	11 Jan 2024	07 Feb 2024
Depth					0	0				
	Unit	Redcar Remi Criteria Soil	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Metals										
Aluminium (filtered)	µg/L	-	200 ^{#1}	-	393	122	392	467	---	76
Arsenic (filtered)	µg/L	-	10 ^{#1}	25 ^{#10}	6.2	4.8	2.5	3.1	---	8.6
Boron (filtered)	µg/L	-	1,000 ^{#1}	7,000 ^{#11}	39	105	90	96	---	79
Cadmium (filtered)	µg/L	-	5 ^{#1}	0.2 ^{#12}	<0.5	<0.5	<0.5	<0.5	---	<0.5
Calcium (filtered)	mg/L	-	-	-	162.5	68.4	64.7	76	---	357.8
Chromium (hexavalent)	µg/L	-	-	0.6 ^{#12}	---	---	---	---	---	---
Chromium (filtered)	µg/L	-	50 ^{#1}	0.6 ^{#12}	8.3	6.6	9.4	21.6	---	1.7
Copper (filtered)	µg/L	-	2,000 ^{#1}	3.76 ^{#13}	<7	<7	<7	<7	---	<7
Ferric Iron (filtered)	µg/L	-	-	1,000 ^{#14}	<20	<20	<20	<20	---	<20
Ferrous Iron (filtered)	µg/L	-	-	1,000 ^{#14}	220	<20	<20	190	---	60
Iron (filtered)	µg/L	-	200 ^{#1}	1,000 ^{#10}	<4.7	<4.7	<4.7	<4.7	---	<4.7
Lead (filtered)	µg/L	-	10 ^{#1}	1.3 ^{#12}	<5	<5	<5	<5	---	<5
Magnesium (filtered)	mg/L	-	-	-	0.1	1.4	0.2	0.2	---	10.9
Manganese (filtered)	µg/L	-	50 ^{#1}	-	<2	<2	<2	<2	---	3
Mercury (filtered)	µg/L	-	1 ^{#1}	0.07 (MAC) ^{#15}	<0.01	<0.01	<0.01	<0.01	---	<0.01
Nickel (filtered)	µg/L	-	20 ^{#1}	8.6 ^{#12}	<2	<2	<2	<2	---	<2
Potassium (filtered)	mg/L	-	-	-	9.6	8	7.5	14	---	9.2
Sodium (filtered)	mg/L	-	200 ^{#1}	-	4.1	5.1	4.2	5.8	---	4.4
Vanadium (filtered)	µg/L	-	-	100 ^{#16}	114	56.7	100.1	99.9	---	43.5
Zinc (filtered)	µg/L	-	3,000 ^{#2}	7.9 ^{#17}	<3	<3	<3	<3	---	<3
Inorganics										
Inorganic Nitrogen	mg/l	-	-	-	0.3	0.19	0.22	0.15	---	0.19
Ammoniacal Nitrogen as N	mg/L	-	-	0.021 ^{#10}	0.03	<0.03	0.04	<0.03	---	<0.03
Cyanide (Free)	µg/L	-	50 ^{#1}	1 ^{#10}	<1	<1	<1	<1	---	<1
Cyanide Total	µg/L	-	50 ^{#1}	1 ^{#10}	3	<1	1	3	---	3
Cyanide (Complex)	µg/L	-	50 ^{#1}	1 ^{#10}	3	<1	1	3	---	3
Nitrate (as NO3-)	mg/L	-	50 (NO3) ^{#3}	-	1.2	0.8	0.8	0.6	---	0.8
Nitrite (as NO2-)	mg/L	-	0.5 (NO2) ^{#4}	-	0.04	<0.02	0.04	0.05	---	0.02
Sulphate	mg/L	-	250 (SO4) ^{#5}	-	309.3	148.2	99.7	116.2	---	664.5
Phosphate (as PO4)	mg/L	-	-	-	---	---	---	---	---	---
Sulphide	µg/L	-	-	10 (MAC) ^{#19}	<10	<10	<10	<10	---	<10
Thiocyanate (as SCN)	µg/L	-	-	-	<20	<20	<20	<20	---	<20
Ortho phosphate as PO4	mg/l	-	-	-	<0.06	<0.06	<0.06	<0.06	---	<0.06
BTEX and MTBE										
Benzene	µg/L	-	1 ^{#1}	8 ^{#10}	---	---	---	---	---	---
Toluene	µg/L	-	700 ^{#6}	74 ^{#10}	---	---	---	---	---	---
Ethylbenzene	µg/L	-	300 ^{#6}	20 ^{#20}	---	---	---	---	---	---
Xylene (m & p)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---
Xylene (o)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---
MTBE	µg/L	-	15 ^{#8}	15 ^{#8}	---	---	---	---	---	---
PAH										
Naphthalene	µg/L	-	-	2 ^{#10}	<0.1	0.2	0.2	0.3	---	<0.1
Acenaphthene	µg/L	-	-	-	0.011	0.108	0.067	0.041	---	0.045
Acenaphthylene	µg/L	-	-	-	0.009	0.199	0.095	0.103	---	0.119
Fluoranthene	µg/L	-	-	0.0063 ^{#10}	0.339	2.139	1.611	1.033	---	4.339
Anthracene	µg/L	-	-	0.1 ^{#10}	0.024	0.337	0.198	0.162	---	0.317
Phenanthrene	µg/L	-	-	-	0.292	0.854	1.364	0.547	---	0.454
Fluorene	µg/L	-	-	-	<0.005	0.142	0.06	0.086	---	0.041
Chrysene	µg/L	-	-	-	0.17	1.094	0.696	0.498	---	2.375
Pyrene	µg/L	-	-	-	0.291	1.8	1.115	0.83	---	4.346
Benzo(a)anthracene	µg/L	-	-	-	0.144	1.099	0.655	0.483	---	2.452
Benzo(b)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.18	1.326	0.738	0.672	---	6.825
Benzo(k)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.07	0.516	0.287	0.262	---	2.654
Benzo(b+k)fluoranthene	µg/L	-	-	-	0.25	1.842	1.025	0.934	---	9.479
Benzo(a)pyrene	µg/L	-	0.01 ^{#1}	0.00017 ^{#22}	0.093	0.985	0.37	0.507	---	4.874
Dibenz(a,h)anthracene	µg/L	-	-	-	0.016	0.202	0.116	0.073	---	0.603
Benzo(g,h,i)perylene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.108	0.62	0.333	0.367	---	4.84
Indeno(1,2,3-c,d)pyrene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.098	0.708	0.356	0.403	---	6.214
PAH 16 Total	µg/L	-	-	-	1.845	12.329	8.261	6.367	---	40.498
Other										
pH (Lab)	pH_Units	-	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#18}	10.59	10.14	9.92	9.16	---	8.49

Land West of Warrenby Made Ground Leachate



Matrix Description					MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code					LWW-SP624-S13	LWW-SP628-S1	LWW-SP628-S2	LWW-SP629-S1	LWW-SP630-S1	LWW-SP631-S1	LWW-SP631-S15
Matrix Type					Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number					24-250-175-040424	24-250-307-170624	24-250-313-180624	24-250-149-260424	24-250-147-160424	24-250-147-160424	24-250-149-260424
Date					22 Mar 2024	31 May 2024	03 Jun 2024	14 Mar 2024	14 Mar 2024	14 Mar 2024	14 Mar 2024
Depth						0	0				
	Unit	Redcar Remi Criteria Soil	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Metals											
Aluminium (filtered)	µg/L	-	200 ^{#1}	-	55	226	1,378	117	<20	428	211
Arsenic (filtered)	µg/L	-	10 ^{#1}	25 ^{#10}	6.3	<2.5	<2.5	<2.5	5.4	<2.5	7.2
Boron (filtered)	µg/L	-	1,000 ^{#1}	7,000 ^{#11}	122	275	19	245	282	128	199
Cadmium (filtered)	µg/L	-	5 ^{#1}	0.2 ^{#12}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Calcium (filtered)	mg/L	-	-	-	50.6	98.1	98.2	136	77.3	55.8	91.9
Chromium (hexavalent)	µg/L	-	-	0.6 ^{#12}	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	-	50 ^{#1}	0.6 ^{#12}	7.7	<1.5	19.7	<1.5	<1.5	3.5	78.7
Copper (filtered)	µg/L	-	2,000 ^{#1}	3.76 ^{#13}	<7	<7	<7	<7	<7	<7	<7
Ferric Iron (filtered)	µg/L	-	-	1,000 ^{#14}	<20	<20	<20	<20	<20	<20	<20
Ferrous Iron (filtered)	µg/L	-	-	1,000 ^{#14}	20	80	20	<20	<20	20	<20
Iron (filtered)	µg/L	-	200 ^{#1}	1,000 ^{#10}	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
Lead (filtered)	µg/L	-	10 ^{#1}	1.3 ^{#12}	<5	<5	<5	<5	<5	<5	<5
Magnesium (filtered)	mg/L	-	-	-	11.6	0.3	<0.1	6	9.6	0.5	0.2
Manganese (filtered)	µg/L	-	50 ^{#1}	-	<2	<2	<2	229	<2	<2	5
Mercury (filtered)	µg/L	-	1 ^{#1}	0.07 (MAC) ^{#15}	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nickel (filtered)	µg/L	-	20 ^{#1}	8.6 ^{#12}	<2	<2	<2	<2	<2	<2	<2
Potassium (filtered)	mg/L	-	-	-	3.9	11.4	10.6	6.1	12.5	3.8	7.8
Sodium (filtered)	mg/L	-	200 ^{#1}	-	1.9	4.7	3.5	4.5	4.5	1.3	3.4
Vanadium (filtered)	µg/L	-	-	100 ^{#16}	5.3	79.9	43.3	<1.5	74.4	90.5	65.2
Zinc (filtered)	µg/L	-	3,000 ^{#2}	7.9 ^{#17}	4	<3	<3	<3	<3	<3	3
Inorganics											
Inorganic Nitrogen	mg/l	-	-	-	0.18	<0.05	0.06	0.07	<0.05	<0.05	0.19
Ammoniacal Nitrogen as N	mg/L	-	-	0.021 ^{#10}	<0.03	<0.03	0.03	0.05	<0.03	<0.03	0.03
Cyanide (Free)	µg/L	-	50 ^{#1}	1 ^{#10}	<1	<1	<1	1	<1	2	<1
Cyanide Total	µg/L	-	50 ^{#1}	1 ^{#10}	6	2	4	5	3	2	2
Cyanide (Complex)	µg/L	-	50 ^{#1}	1 ^{#10}	6	2	4	4	3	<1	2
Nitrate (as NO3-)	mg/L	-	50 (NO3) ^{#3}	-	0.8	<0.2	<0.2	<0.2	<0.2	<0.2	0.7
Nitrite (as NO2-)	mg/L	-	0.5 (NO2) ^{#4}	-	<0.02	<0.02	0.1	0.07	<0.02	<0.02	<0.02
Sulphate	mg/L	-	250 (SO4) ^{#5}	-	111.7	190.9	45.6	298.6	194.8	46.6	178.7
Phosphate (as PO4)	mg/L	-	-	-	<0.06	---	---	---	---	---	---
Sulphide	µg/L	-	-	10 (MAC) ^{#19}	<10	<10	<10	<10	<10	<10	<10
Thiocyanate (as SCN)	µg/L	-	-	-	<20	30	30	<20	<20	<20	<20
Ortho phosphate as PO4	mg/l	-	-	-	---	0.08	<0.06	<0.06	<0.06	<0.06	<0.06
BTEX and MTBE											
Benzene	µg/L	-	1 ^{#1}	8 ^{#10}	---	---	---	---	---	---	---
Toluene	µg/L	-	700 ^{#6}	74 ^{#10}	---	---	---	---	---	---	---
Ethylbenzene	µg/L	-	300 ^{#6}	20 ^{#20}	---	---	---	---	---	---	---
Xylene (m & p)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---	---
Xylene (o)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---	---
MTBE	µg/L	-	15 ^{#8}	15 ^{#8}	---	---	---	---	---	---	---
PAH											
Naphthalene	µg/L	-	-	2 ^{#10}	<0.1	0.3	<0.1	<0.1	<2	0.3	0.5
Acenaphthene	µg/L	-	-	-	0.015	0.134	0.099	<0.005	0.666	0.026	0.051
Acenaphthylene	µg/L	-	-	-	0.017	0.01	0.01	<0.005	0.246	0.026	0.016
Fluoranthene	µg/L	-	-	0.0063 ^{#10}	0.475	0.307	0.206	0.014	11.48	0.992	0.326
Anthracene	µg/L	-	-	0.1 ^{#10}	0.085	0.076	0.053	<0.005	1.43	0.104	0.054
Phenanthrene	µg/L	-	-	-	0.084	0.304	0.131	<0.005	4.122	0.374	0.291
Fluorene	µg/L	-	-	-	0.017	0.097	0.039	<0.005	0.488	0.026	0.023
Chrysene	µg/L	-	-	-	0.213	0.138	0.036	0.015	7.742	0.487	0.159
Pyrene	µg/L	-	-	-	0.491	0.227	0.151	0.012	11.198	0.822	0.269
Benzo(a)anthracene	µg/L	-	-	-	0.207	0.121	0.042	<0.005	7.65	0.491	0.152
Benzo(b)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.302	0.189	0.044	0.014	11.027	0.638	0.215
Benzo(k)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.117	0.074	0.017	<0.008	4.288	0.248	0.083
Benzo(b+k)fluoranthene	µg/L	-	-	-	0.419	0.263	0.061	0.019	15.315	0.886	0.298
Benzo(a)pyrene	µg/L	-	0.01 ^{#1}	0.00017 ^{#22}	0.194	0.162	0.033	0.014	9.801	0.481	0.128
Dibenz(a,h)anthracene	µg/L	-	-	-	0.034	0.01	0.005	0.005	1.262	0.075	0.031
Benzo(g,h,i)perylene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.155	0.119	0.019	0.013	6.116	0.324	0.141
Indeno(1,2,3-c,d)pyrene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.184	0.117	0.022	0.014	6.435	0.358	0.15
PAH 16 Total	µg/L	-	-	-	2.59	2.385	0.907	<0.173	83.951	5.772	2.589
Other											
pH (Lab)	pH_Units	-	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#18}	9.09	10.51	11.71	8.01	9.05	10.93	10.72

Land West of Warrenby Made Ground Leachate



Matrix Description					MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code					LWW-SP634-S1	LWW-SP637-S1	LWW-SP638-S1	LWW-SP639-S1	LWW-SP641-S1	LWW-SP651-S1
Matrix Type					Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number					24-250-227-290424	24-250-247-150524	24-250-281-030624	24-250-281-030624	24-250-313-180624	24-250-507-130924
Date					17 Apr 2024	29 Apr 2024	16 May 2024	16 May 2024	03 Jun 2024	29 Aug 2024
Depth					0	0	0	0	0	0
	Unit	Redcar Remi Criteria Soil	UK Drinking Water Standards	UK Estuaries and coastal waters EQS						
Metals										
Aluminium (filtered)	µg/L	-	200 ^{#1}	-	274	580	144	231	52	31
Arsenic (filtered)	µg/L	-	10 ^{#1}	25 ^{#10}	4.2	8.6	14.9	5.3	3.7	7.4
Boron (filtered)	µg/L	-	1,000 ^{#1}	7,000 ^{#11}	93	88	90	61	74	57
Cadmium (filtered)	µg/L	-	5 ^{#1}	0.2 ^{#12}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Calcium (filtered)	mg/L	-	-	-	454.2	92.8	146.8	82.5	297.8	282.1
Chromium (hexavalent)	µg/L	-	-	0.6 ^{#12}	---	---	---	---	---	---
Chromium (filtered)	µg/L	-	50 ^{#1}	0.6 ^{#12}	<1.5	<1.5	1.6	3.4	6.6	7.7
Copper (filtered)	µg/L	-	2,000 ^{#1}	3.76 ^{#13}	<7	<7	<7	<7	<7	<7
Ferric Iron (filtered)	µg/L	-	-	1,000 ^{#14}	<20	<20	<20	<20	<20	<20
Ferrous Iron (filtered)	µg/L	-	-	1,000 ^{#14}	<20	20	<20	<20	130	30
Iron (filtered)	µg/L	-	200 ^{#1}	1,000 ^{#10}	<4.7	<4.7	<4.7	<4.7	<4.7	8.9
Lead (filtered)	µg/L	-	10 ^{#1}	1.3 ^{#12}	<5	<5	<5	<5	<5	<5
Magnesium (filtered)	mg/L	-	-	-	0.9	0.4	2.3	0.3	4.7	9.9
Manganese (filtered)	µg/L	-	50 ^{#1}	-	<2	<2	<2	<2	<2	<2
Mercury (filtered)	µg/L	-	1 ^{#1}	0.07 (MAC) ^{#15}	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nickel (filtered)	µg/L	-	20 ^{#1}	8.6 ^{#12}	<2	<2	<2	<2	<2	<2
Potassium (filtered)	mg/L	-	-	-	17.7	16	9.9	3.6	7.1	4.8
Sodium (filtered)	mg/L	-	200 ^{#1}	-	7.2	6	3.7	2.2	5.2	2.4
Vanadium (filtered)	µg/L	-	-	100 ^{#16}	80.3	69.4	14	23.6	51.4	46.3
Zinc (filtered)	µg/L	-	3,000 ^{#2}	7.9 ^{#17}	<3	4	<3	<3	<3	<3
Inorganics										
Inorganic Nitrogen	mg/l	-	-	-	<0.05	0.22	0.11	0.15	<0.05	0.46
Ammoniacal Nitrogen as N	mg/L	-	-	0.021 ^{#10}	0.03	0.04	<0.03	<0.03	<0.03	0.1
Cyanide (Free)	µg/L	-	50 ^{#1}	1 ^{#10}	<1	<1	<1	<1	<1	<1
Cyanide Total	µg/L	-	50 ^{#1}	1 ^{#10}	5	18	2	<1	3	33
Cyanide (Complex)	µg/L	-	50 ^{#1}	1 ^{#10}	5	18	2	<1	3	33
Nitrate (as NO3-)	mg/L	-	50 (NO3) ^{#3}	-	<0.2	0.8	0.5	0.7	<0.2	1.6
Nitrite (as NO2-)	mg/L	-	0.5 (NO2) ^{#4}	-	<0.02	0.03	<0.02	<0.02	<0.02	0.04
Sulphate	mg/L	-	250 (SO4) ^{#5}	-	643.6	192.3	360.9	181.7	554.4	511.2
Phosphate (as PO4)	mg/L	-	-	-	---	---	---	---	---	---
Sulphide	µg/L	-	-	10 (MAC) ^{#19}	20	<10	<10	<10	<10	<10
Thiocyanate (as SCN)	µg/L	-	-	-	50	20	<20	<20	<20	<20
Ortho phosphate as PO4	mg/l	-	-	-	<0.06	2.4	<0.06	<0.06	<0.06	0.08
BTEX and MTBE										
Benzene	µg/L	-	1 ^{#1}	8 ^{#10}	---	---	---	---	---	---
Toluene	µg/L	-	700 ^{#6}	74 ^{#10}	---	---	---	---	---	---
Ethylbenzene	µg/L	-	300 ^{#6}	20 ^{#20}	---	---	---	---	---	---
Xylene (m & p)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---
Xylene (o)	µg/L	-	250 ^{#7}	15 ^{#21}	---	---	---	---	---	---
MTBE	µg/L	-	15 ^{#8}	15 ^{#8}	---	---	---	---	---	---
PAH										
Naphthalene	µg/L	-	-	2 ^{#10}	0.2	0.3	<0.1	<0.1	<0.1	0.2
Acenaphthene	µg/L	-	-	-	0.081	0.151	<0.005	0.079	0.014	0.478
Acenaphthylene	µg/L	-	-	-	0.027	0.09	0.031	<0.005	<0.005	0.039
Fluoranthene	µg/L	-	-	0.0063 ^{#10}	0.86	3.313	0.437	0.224	0.135	0.062
Anthracene	µg/L	-	-	0.1 ^{#10}	0.091	0.391	0.06	0.04	0.024	0.016
Phenanthrene	µg/L	-	-	-	0.315	1.541	0.084	0.1	0.013	0.026
Fluorene	µg/L	-	-	-	0.05	0.125	0.025	0.028	0.005	0.087
Chrysene	µg/L	-	-	-	0.342	1.105	0.211	0.056	0.036	0.042
Pyrene	µg/L	-	-	-	0.723	2.458	0.351	0.169	0.12	0.06
Benzo(a)anthracene	µg/L	-	-	-	0.312	0.882	0.215	0.054	0.041	0.037
Benzo(b)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.491	1.3	0.276	0.063	0.053	0.05
Benzo(k)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.191	0.506	0.108	0.025	0.02	0.019
Benzo(b+k)fluoranthene	µg/L	-	-	-	0.682	1.806	0.384	0.088	0.073	0.069
Benzo(a)pyrene	µg/L	-	0.01 ^{#1}	0.00017 ^{#22}	0.35	0.568	0.182	0.033	0.035	0.031
Dibenz(a,h)anthracene	µg/L	-	-	-	0.05	0.093	0.028	0.01	0.006	0.008
Benzo(g,h,i)perylene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.293	0.551	0.102	0.029	0.025	0.027
Indeno(1,2,3-c,d)pyrene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.25	0.636	0.12	0.03	0.03	0.03
PAH 16 Total	µg/L	-	-	-	4.626	14.01	2.23	0.94	0.557	1.212
Other										
pH (Lab)	pH_Units	-	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#18}	10.41	10.26	7.35	9.07	8.35	8.8

Land West of Warrenby Made Ground Leachate



		Matrix Description	MADE GROUND		
		Location Code	LWW-SP651-S1		
		Matrix Type	Soil		
		Lab Report Number	24-5353-128-300924		
		Date	29 Aug 2024		
		Depth			
	Unit	Redcar Remi Criteria Soil	UK Drinking Water Standards	UK Estuaries and coastal waters EQS	
Metals					
Aluminium (filtered)	µg/L	-	200 ^{#1}	-	49
Arsenic (filtered)	µg/L	-	10 ^{#1}	25 ^{#10}	7
Boron (filtered)	µg/L	-	1,000 ^{#1}	7,000 ^{#11}	56
Cadmium (filtered)	µg/L	-	5 ^{#1}	0.2 ^{#12}	<0.5
Calcium (filtered)	mg/L	-	-	-	200.3
Chromium (hexavalent)	µg/L	-	-	0.6 ^{#12}	<2
Chromium (filtered)	µg/L	-	50 ^{#1}	0.6 ^{#12}	3.2
Copper (filtered)	µg/L	-	2,000 ^{#1}	3.76 ^{#13}	<7
Ferric Iron (filtered)	µg/L	-	-	1,000 ^{#14}	<20
Ferrous Iron (filtered)	µg/L	-	-	1,000 ^{#14}	20
Iron (filtered)	µg/L	-	200 ^{#1}	1,000 ^{#10}	<4.7
Lead (filtered)	µg/L	-	10 ^{#1}	1.3 ^{#12}	<5
Magnesium (filtered)	mg/L	-	-	-	13.2
Manganese (filtered)	µg/L	-	50 ^{#1}	-	<2
Mercury (filtered)	µg/L	-	1 ^{#1}	0.07 (MAC) ^{#15}	<0.01
Nickel (filtered)	µg/L	-	20 ^{#1}	8.6 ^{#12}	<2
Potassium (filtered)	mg/L	-	-	-	4.2
Sodium (filtered)	mg/L	-	200 ^{#1}	-	2
Vanadium (filtered)	µg/L	-	-	100 ^{#16}	39.7
Zinc (filtered)	µg/L	-	3,000 ^{#2}	7.9 ^{#17}	<3
Inorganics					
Inorganic Nitrogen	mg/l	-	-	-	0.19
Ammoniacal Nitrogen as N	mg/L	-	-	0.021 ^{#10}	<0.03
Cyanide (Free)	µg/L	-	50 ^{#1}	1 ^{#10}	<1
Cyanide Total	µg/L	-	50 ^{#1}	1 ^{#10}	15
Cyanide (Complex)	µg/L	-	50 ^{#1}	1 ^{#10}	15
Nitrate (as NO3-)	mg/L	-	50 (NO3) ^{#3}	-	0.8
Nitrite (as NO2-)	mg/L	-	0.5 (NO2) ^{#4}	-	<0.02
Sulphate	mg/L	-	250 (SO4) ^{#5}	-	472.2
Phosphate (as PO4)	mg/L	-	-	-	---
Sulphide	µg/L	-	-	10 (MAC) ^{#19}	<10
Thiocyanate (as SCN)	µg/L	-	-	-	<20
Ortho phosphate as PO4	mg/l	-	-	-	<0.06
BTEX and MTBE					
Benzene	µg/L	-	1 ^{#1}	8 ^{#10}	<0.5
Toluene	µg/L	-	700 ^{#6}	74 ^{#10}	<5
Ethylbenzene	µg/L	-	300 ^{#6}	20 ^{#20}	<1
Xylene (m & p)	µg/L	-	250 ^{#7}	15 ^{#21}	<2
Xylene (o)	µg/L	-	250 ^{#7}	15 ^{#21}	<1
MTBE	µg/L	-	15 ^{#8}	15 ^{#8}	<0.1
PAH					
Naphthalene	µg/L	-	-	2 ^{#10}	<0.1
Acenaphthene	µg/L	-	-	-	0.011
Acenaphthylene	µg/L	-	-	-	0.006
Fluoranthene	µg/L	-	-	0.0063 ^{#10}	0.087
Anthracene	µg/L	-	-	0.1 ^{#10}	0.012
Phenanthrene	µg/L	-	-	-	0.028
Fluorene	µg/L	-	-	-	0.006
Chrysene	µg/L	-	-	-	0.08
Pyrene	µg/L	-	-	-	0.09
Benzo(a)anthracene	µg/L	-	-	-	0.062
Benzo(b)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.099
Benzo(k)fluoranthene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.038
Benzo(b+k)fluoranthene	µg/L	-	-	-	0.137
Benzo(a)pyrene	µg/L	-	0.01 ^{#1}	0.00017 ^{#22}	0.063
Dibenz(a,h)anthracene	µg/L	-	-	-	0.012
Benzo(g,h,i)perylene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.05
Indeno(1,2,3-c,d)pyrene	µg/L	-	0.025 ^{#9}	See BaP ^{#22}	0.055
PAH 16 Total	µg/L	-	-	-	0.699
Other					
pH (Lab)	pH_Units	-	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#18}	9.21

Land West of Warrenby Made Ground Leachate

Comments

- #1 Water Supply (Water Quality) Regulations 2016.
- #2 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Based on taste rather than a formal guideline.
- #3 Water Supply (Water Quality) Regulations 2016. As NO3.
- #4 Water Supply (Water Quality) Regulations 2016. As NO2.
- #5 Water Supply (Water Quality) Regulations 2016. As SO4.
- #6 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011
- #7 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Value of 500µg/l for sum xylenes split between isomers. Requires summation of m,p & o isomers to use 500µg/l value.
- #8 The taste and odour threshold of 15µg/l is commonly adopted as a guide.
- #9 Water Supply (Water Quality) Regulations 2016. Value of 0.1µg/l for PAH split between four individual PAH. Requires summation of benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghiperylene and indeno(123cd)pyrene to use 0.1µg/l value.
- #10 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015.
- #11 Operational Targets and EQS. EA, April 2018
- #12 Water Framework Directive (Standards & Classification) Directions (England & Wales) 2015. Dissolved fraction.
- #13 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Dissolved Fraction. If DOC >1mg/l then a higher criteria applies $[3.76+(2.677x((DOC/2)-0.5))]$
- #14 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Based on value for dissolved iron.
- #15 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Dissolved Fraction. MAC adopted in absence of AA value.
- #16 Operational Targets and EQS. EA, April 2018.
- #17 Operational Targets and EQS. EA, April 2018. Dissolved plus ambient background concentration. For saltwater, an Ambient Background Concentration of 1.1 µg/l has been used
- #18 Operational Targets and EQS. EA, April 2018. Maximum Allowable Concentration (MAC) adopted in absence of Annual Average (AA) value.
- #19 Operational Targets and EQS. EA, April 2018. Based on value for hydrogen sulphide. MAC adopted in absence of AA value.
- #20 Proposed Environmental Quality Standard, in absence of legislative standard (Ayscough et al., 2002). https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/291223/sp2-115-tr4-e-e.pdf
- #21 Operational Targets and EQS. EA, April 2018. Value of 30µg/l for sum xylenes split between isomers. Requires summation of m,p & o isomers to use 30µg/l value.
- #22 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Benzo(a)pyrene can be considered as a marker for other PAH for comparison with the corresponding AA-EQS in water.

Appendix K

South Bank Quay Data

South Bank Made Ground Soil



Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		SBW-SP536-S5	SBW-SP536-S5	SBW-SP536-S7	SBW-SP536-S9	SBW-SP536-S9	SBW-SP536-S11	SBW-SP536-S11	SBW-SP536-S14	SBW-SP536-S14
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-250-542-041024	24-5353-163-011124	24-250-541-041024	24-250-542-041024	24-5353-163-011124	24-250-542-041024	24-5353-163-011124	24-250-542-041024	24-5353-163-011124
Date		27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024
Depth										
	Unit									
Metals										
Aluminium	mg/kg	38,800	---	50,600	46,480	---	49,860	---	31,290	---
Arsenic	mg/kg	36.6	---	14.9	19.8	---	24.4	---	14.2	---
Barium	mg/kg	373	---	465	403	---	578	---	259	---
Boron	mg/kg	5.7	---	2.5	5.4	---	9.9	---	4.3	---
Cadmium	mg/kg	<2	---	<2	<2	---	<2	---	<2	---
Calcium	mg/kg	162,600	---	208,300	173,900	---	186,900	---	202,400	---
Chromium (hexavalent)	mg/kg	<0.3	---	<0.3	<0.3	---	<0.3	---	<0.3	---
Chromium	mg/kg	130.1	---	90.9	170.5	---	109.6	---	518.7	---
Copper	mg/kg	24	---	<20	31	---	43	---	27	---
Iron	mg/kg	46,690	---	31,390	44,640	---	41,970	---	108,900	---
Lead	mg/kg	<100	---	<100	<100	---	581	---	<100	---
Magnesium	mg/kg	29,170	---	23,090	30,840	---	32,700	---	34,570	---
Manganese	mg/kg	7,926	---	4,869	6,503	---	5,596	---	13,830	---
Mercury	mg/kg	<2	---	<2	<2	---	<2	---	<2	---
Nickel	mg/kg	18.3	---	<14	<14	---	<14	---	<14	---
Potassium	mg/kg	2,904	---	2,884	2,962	---	5,527	---	1,383	---
Sodium	mg/kg	1,441	---	1,287	1,439	---	2,891	---	961	---
Vanadium	mg/kg	268	---	193	239	---	214	---	486	---
Zinc	mg/kg	501	---	314	204	---	947	---	112	---
Asbestos										
Total Gravimetric Quantification (ACM + Detailed) (% Asb)	mass %	---	---	---	<0.001	---	<0.001	---	<0.001	---
Asbestos Quantification - Detailed Gravimetric	%	---	---	---	<0.001	---	<0.001	---	<0.001	---
Asbestos Containing Material	Detect	0	---	0	0	---	0	---	0	---
Asbestos Containing Material (2)	None	---	---	---	---	---	---	---	---	---
Asbestos Type	None	0	---	0	1	---	1	---	1	---
Asbestos Type 2	None	---	---	---	---	---	---	---	---	---
Asbestos fibres	Detect	0	---	0	1	---	1	---	1	---
Asbestos Fibres (2)	None	---	---	---	---	---	---	---	---	---
General Description (Bulk Analysis)	None	1	---	1	1	---	1	---	1	---
Quantification of Asbestos Fib										
Total ACM Gravimetric Quantification (% Asb)	mass %	---	---	---	<0.001	---	<0.001	---	<0.001	---
Inorganics										
Cyanide (Free)	mg/kg	<0.5	---	<0.5	<0.5	---	<0.5	---	<0.5	---
Cyanide Total	mg/kg	<0.5	---	<0.5	<0.5	---	<0.5	---	<0.5	---
Sulphate	mg/kg	20,860	---	46,510	20,030	---	20,230	---	12,140	---
Phosphorus	mg/kg	2,308	---	1,535	2,088	---	2,834	---	4,327	---
Thiocyanate (as SCN)	mg/kg	<0.6	---	<0.6	<0.6	---	<0.6	---	<0.6	---
TPH CWG										
>C5-C6 Aliphatics	mg/kg	<0.1	---	<0.1	<0.1	---	<0.1	---	<0.1	---
>C6-C8 Aliphatics	mg/kg	<0.1	---	<0.1	<0.1	---	<0.1	---	<0.1	---
>C8-C10 Aliphatics	mg/kg	<0.1	---	<0.1	<0.1	---	<0.1	---	<0.1	---
>C10-C12 Aliphatics	mg/kg	<0.2	---	<1	<0.2	---	<0.2	---	<0.2	---
>C12-C16 Aliphatics	mg/kg	<4	---	<20	<4	---	<4	---	<4	---
>C16-C21 Aliphatics	mg/kg	16	---	<35	<7	---	<7	---	<7	---
>C21-C35 Aliphatics	mg/kg	143	---	<35	<7	---	195	---	9	---
>C35-C40 Aliphatics	mg/kg	9	---	<35	<7	---	11	---	<7	---
Total Aliphatics >C5-C40	mg/kg	168	---	<130	<26	---	206	---	<26	---
>EC5-EC7 Aromatics	mg/kg	<0.1	---	<0.1	<0.1	---	<0.1	---	<0.1	---
>EC7-EC8 Aromatics	mg/kg	<0.1	---	<0.1	<0.1	---	<0.1	---	<0.1	---
>EC8-EC10 Aromatics	mg/kg	<0.1	---	<0.1	<0.1	---	<0.1	---	<0.1	---
>EC10-EC12 Aromatics	mg/kg	<0.2	---	<1	<0.2	---	<0.2	---	<0.2	---
>EC12-EC16 Aromatics	mg/kg	<4	---	<20	<4	---	<4	---	<4	---
>EC16-EC21 Aromatics	mg/kg	22	---	<35	<7	---	22	---	<7	---
>EC35-EC40 Aromatics	mg/kg	10	---	<35	<7	---	<7	---	<7	---
>EC21-EC35 Aromatics	mg/kg	97	---	<35	<7	---	84	---	<7	---
Total Aromatics >EC5-EC40	mg/kg	129	---	<130	<26	---	106	---	<26	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	297	---	<260	<52	---	312	---	<52	---
PAH										
Naphthalene	mg/kg	0.11	---	0.11	0.11	---	0.08	---	<0.04	---
Acenaphthene	mg/kg	0.08	---	0.07	<0.05	---	0.07	---	<0.05	---
Acenaphthylene	mg/kg	0.07	---	0.13	0.06	---	0.09	---	<0.03	---
Fluoranthene	mg/kg	1.4	---	1.85	0.64	---	1.5	---	0.41	---
Anthracene	mg/kg	0.17	---	0.31	0.1	---	0.24	---	0.05	---
Phenanthrene	mg/kg	0.8	---	0.92	0.3	---	0.98	---	0.22	---
Fluorene	mg/kg	0.07	---	0.11	<0.04	---	0.09	---	<0.04	---
Chrysene	mg/kg	0.8	---	0.91	0.37	---	0.76	---	0.24	---
Pyrene	mg/kg	1.23	---	1.48	0.53	---	1.26	---	0.34	---
Benzo(a)anthracene	mg/kg	0.7	---	0.9	0.32	---	0.68	---	0.19	---
Benzo(b)fluoranthene	mg/kg	0.89	---	1	0.42	---	0.84	---	0.25	---
Benzo(k)fluoranthene	mg/kg	0.34	---	0.39	0.17	---	0.33	---	0.1	---

South Bank Made Ground Soil



Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		SBW-SP536-S16	SBW-SP536-S16	SBW-SP541-S9	SBW-SP541-S11	SBW-SP541-S13	SBW-SP541-S15	SBW-SP541-S17	SBW-SP541-S19	SBW-SP541-S21
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-250-542-091024	24-5353-163-011124	24-250-536-071024	24-250-536-071024	24-250-536-071024	24-250-536-071024	24-250-536-071024	24-250-536-071024	24-250-536-071024
Date		27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024
Depth										
	Unit									
Metals										
Aluminium	mg/kg	27,950	---	79,440	55,330	50,870	47,000	52,780	41,390	33,660
Arsenic	mg/kg	10.4	---	<10	11.1	12.1	20	11.6	12.6	18.3
Barium	mg/kg	267	---	498	523	639	600	673	511	355
Boron	mg/kg	3.1	---	5.4	5.7	5.5	5.5	5.6	5.4	3.7
Cadmium	mg/kg	<2	---	<2	<2	<2	<2	<2	<2	<2
Calcium	mg/kg	201,500	---	220,000	232,900	205,300	185,900	211,900	168,900	143,400
Chromium (hexavalent)	mg/kg	<0.3	---	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Chromium	mg/kg	540.8	---	41.2	45.8	57.4	162.9	48.4	105.2	51.3
Copper	mg/kg	<20	---	<20	<20	<20	31	<20	23	<20
Iron	mg/kg	115,300	---	18,390	18,010	25,740	37,580	61,680	41,930	28,870
Lead	mg/kg	<100	---	<100	<100	<100	516	<100	<100	<100
Magnesium	mg/kg	33,160	---	41,190	37,580	39,650	43,100	44,810	33,950	37,240
Manganese	mg/kg	12,700	---	3,458	3,497	6,064	8,732	5,019	10,610	5,365
Mercury	mg/kg	<2	---	<2	<2	<2	<2	<2	<2	<2
Nickel	mg/kg	<14	---	<14	<14	<14	<14	<14	<14	<14
Potassium	mg/kg	931	---	4,189	2,940	3,509	4,650	2,532	2,445	2,081
Sodium	mg/kg	780	---	2,054	1,453	2,560	1,451	1,451	1,257	965
Vanadium	mg/kg	466	---	95	81	116	327	165	273	108
Zinc	mg/kg	123	---	<100	<100	<100	114	<100	114	120
Asbestos										
Total Gravimetric Quantification (ACM + Detailed) (% Asb)	mass %	---	---	---	---	---	---	---	<0.001	---
Asbestos Quantification - Detailed Gravimetric	%	---	---	---	---	---	---	---	<0.001	---
Asbestos Containing Material	Detect	0	---	0	0	0	0	0	0	0
Asbestos Containing Material (2)	None	---	---	---	---	---	---	---	---	---
Asbestos Type	None	0	---	0	0	0	0	0	1	0
Asbestos Type 2	None	---	---	---	---	---	---	---	---	---
Asbestos fibres	Detect	0	---	0	0	0	0	0	1	0
Asbestos Fibres (2)	None	---	---	---	---	---	---	---	---	---
General Description (Bulk Analysis)	None	1	---	1	1	1	1	1	1	1
Quantification of Asbestos Fib										
Total ACM Gravimetric Quantification (% Asb)	mass %	---	---	---	---	---	---	---	<0.001	---
Inorganics										
Cyanide (Free)	mg/kg	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cyanide Total	mg/kg	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Sulphate	mg/kg	16,190	---	63,030	14,780	22,360	22,440	21,790	24,100	22,600
Phosphorus	mg/kg	3,838	---	560	518	732	2,214	1,101	1,894	608
Thiocyanate (as SCN)	mg/kg	<0.6	---	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6
TPH CWG										
>C5-C6 Aliphatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>C6-C8 Aliphatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>C8-C10 Aliphatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>C10-C12 Aliphatics	mg/kg	<0.2	---	<1	<0.2	<1	<0.2	<1	<1	<1
>C12-C16 Aliphatics	mg/kg	<4	---	<20	<4	<20	<4	<20	<20	<20
>C16-C21 Aliphatics	mg/kg	<7	---	<35	<7	<35	<7	<35	<35	<35
>C21-C35 Aliphatics	mg/kg	17	---	<35	35	<35	73	<35	<35	<35
>C35-C40 Aliphatics	mg/kg	<7	---	<35	<7	<35	<7	<35	<35	<35
Total Aliphatics >C5-C40	mg/kg	<26	---	<130	35	<130	73	<130	<130	<130
>EC5-EC7 Aromatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>EC7-EC8 Aromatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>EC8-EC10 Aromatics	mg/kg	<0.1	---	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>EC10-EC12 Aromatics	mg/kg	<0.2	---	<1	<0.2	<1	<0.2	<1	<1	<1
>EC12-EC16 Aromatics	mg/kg	<4	---	<20	<4	<20	<4	<20	<20	<20
>EC16-EC21 Aromatics	mg/kg	<7	---	<35	<7	<35	27	<35	<35	<35
>EC35-EC40 Aromatics	mg/kg	<7	---	<35	9	<35	<7	<35	<35	<35
>EC21-EC35 Aromatics	mg/kg	<7	---	<35	83	<35	92	<35	<35	<35
Total Aromatics >EC5-EC40	mg/kg	<26	---	<130	92	<130	119	<130	<130	<130
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	<52	---	<260	127	<260	192	<260	<260	<260
PAH										
Naphthalene	mg/kg	<0.04	---	<0.04	0.09	0.08	0.17	0.23	0.09	0.08
Acenaphthene	mg/kg	<0.05	---	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthylene	mg/kg	<0.03	---	<0.03	0.04	0.05	0.15	0.07	0.06	0.08
Fluoranthene	mg/kg	0.48	---	0.45	0.64	0.65	5.53	0.97	0.92	0.9
Anthracene	mg/kg	0.07	---	0.07	0.09	0.09	0.49	0.14	0.11	0.14
Phenanthrene	mg/kg	0.28	---	0.25	0.37	0.34	1.38	0.6	0.35	0.47
Fluorene	mg/kg	<0.04	---	<0.04	<0.04	<0.04	0.07	0.06	<0.04	0.06
Chrysene	mg/kg	0.24	---	0.28	0.37	0.44	2.98	0.56	0.68	0.53
Pyrene	mg/kg	0.37	---	0.37	0.51	0.55	4.76	0.76	0.83	0.7
Benzo(a)anthracene	mg/kg	0.21	---	0.25	0.31	0.39	2.77	0.44	0.56	0.48
Benzo(b)fluoranthene	mg/kg	0.24	---	0.29	0.43	0.51	3.45	0.63	0.78	0.61
Benzo(k)fluoranthene	mg/kg	0.1	---	0.11	0.17	0.2	1.34	0.25	0.3	0.24

South Bank Made Ground Soil



Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		SBW-SP541-S23	SBW-SP541-S25	SBW-SP559-S1	SBW-SP559-S3	SBW-SP559-S5
Matrix Type		Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-250-536-071024	24-250-536-071024	24-250-541-041024	24-250-541-041024	24-250-541-041024
Date		27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024
Depth						
	Unit					
Metals						
Aluminium	mg/kg	46,430	47,450	67,380	63,480	52,270
Arsenic	mg/kg	<10	34.5	12.6	10.7	13.2
Barium	mg/kg	644	418	491	444	554
Boron	mg/kg	4.9	3.6	5.2	7.5	8.6
Cadmium	mg/kg	<2	<2	<2	<2	<2
Calcium	mg/kg	197,600	154,400	228,800	210,700	196,600
Chromium (hexavalent)	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3
Chromium	mg/kg	44.7	121.8	52.8	31.8	101.8
Copper	mg/kg	118	30	<20	<20	<20
Iron	mg/kg	30,030	42,490	29,640	16,560	33,260
Lead	mg/kg	<100	138	<100	<100	<100
Magnesium	mg/kg	57,560	40,890	40,740	36,660	37,990
Manganese	mg/kg	5,743	5,121	4,353	3,578	5,363
Mercury	mg/kg	<2	<2	<2	<2	<2
Nickel	mg/kg	<14	19.5	<14	<14	<14
Potassium	mg/kg	2,805	3,351	3,063	2,920	3,046
Sodium	mg/kg	1,607	1,305	1,787	1,556	1,386
Vanadium	mg/kg	93	166	108	78	189
Zinc	mg/kg	<100	626	<100	<100	113
Asbestos						
Total Gravimetric Quantification (ACM + Detailed) (% Asb)	mass %	---	0.002	---	---	---
Asbestos Quantification - Detailed Gravimetric	%	---	0.002	---	---	---
Asbestos Containing Material	Detect	0	0	0	0	0
Asbestos Containing Material (2)	None	---	0	---	---	---
Asbestos Type	None	0	1	0	0	0
Asbestos Type 2	None	---	1	---	---	---
Asbestos fibres	Detect	0	1	0	0	0
Asbestos Fibres (2)	None	---	1	---	---	---
General Description (Bulk Analysis)	None	1	1	1	1	1
Quantification of Asbestos Fib						
Total ACM Gravimetric Quantification (% Asb)	mass %	---	<0.001	---	---	---
Inorganics						
Cyanide (Free)	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Cyanide Total	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Sulphate	mg/kg	24,230	14,690	26,190	32,830	18,710
Phosphorus	mg/kg	466	1,057	1,000	409	1,157
Thiocyanate (as SCN)	mg/kg	<0.6	<0.6	<0.6	<0.6	<0.6
TPH CWG						
>C5-C6 Aliphatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
>C6-C8 Aliphatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
>C8-C10 Aliphatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
>C10-C12 Aliphatics	mg/kg	<1	<1	<1	<1	<1
>C12-C16 Aliphatics	mg/kg	<20	<20	<20	<20	<20
>C16-C21 Aliphatics	mg/kg	<35	<35	<35	<35	<35
>C21-C35 Aliphatics	mg/kg	<35	<35	<35	<35	<35
>C35-C40 Aliphatics	mg/kg	<35	<35	<35	<35	<35
Total Aliphatics >C5-C40	mg/kg	<130	<130	<130	<130	<130
>EC5-EC7 Aromatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
>EC7-EC8 Aromatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
>EC8-EC10 Aromatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
>EC10-EC12 Aromatics	mg/kg	<1	<1	<1	<1	<1
>EC12-EC16 Aromatics	mg/kg	<20	<20	<20	<20	<20
>EC16-EC21 Aromatics	mg/kg	<35	<35	<35	<35	<35
>EC35-EC40 Aromatics	mg/kg	<35	<35	<35	<35	<35
>EC21-EC35 Aromatics	mg/kg	<35	<35	<35	<35	<35
Total Aromatics >EC5-EC40	mg/kg	<130	<130	<130	<130	<130
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	<260	<260	<260	<260	<260
PAH						
Naphthalene	mg/kg	0.12	0.09	0.05	0.07	0.11
Acenaphthene	mg/kg	0.38	<0.05	<0.05	<0.05	<0.05
Acenaphthylene	mg/kg	0.15	0.08	<0.03	<0.03	0.07
Fluoranthene	mg/kg	15.01	2.09	0.5	0.55	1.3
Anthracene	mg/kg	1.88	0.22	0.05	0.07	0.43
Phenanthrene	mg/kg	9.17	0.77	0.3	0.32	0.8
Fluorene	mg/kg	0.57	0.06	<0.04	<0.04	0.11
Chrysene	mg/kg	4.84	1.21	0.32	0.34	0.66
Pyrene	mg/kg	11.03	1.74	0.43	0.46	1.02
Benzo(a)anthracene	mg/kg	5.25	1.13	0.29	0.31	0.61
Benzo(b)fluoranthene	mg/kg	5.1	1.34	0.32	0.35	0.68
Benzo(k)fluoranthene	mg/kg	1.99	0.52	0.13	0.14	0.26



South Bank Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		SBW-SP536-S5	SBW-SP536-S5	SBW-SP536-S7	SBW-SP536-S9	SBW-SP536-S9	SBW-SP536-S11	SBW-SP536-S11	SBW-SP536-S14
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-250-542-041024	24-5353-163-011124	24-250-541-041024	24-250-542-041024	24-5353-163-011124	24-250-542-041024	24-5353-163-011124	24-250-542-041024
Date		27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024
Depth									
	Unit								
Benzo(b+k)fluoranthene	mg/kg	1.23	---	1.39	0.59	---	1.17	---	0.35
Benzo(a)pyrene	mg/kg	0.62	---	0.63	0.28	---	0.62	---	<0.04
Dibenz(a,h)anthracene	mg/kg	0.09	---	0.11	<0.04	---	0.09	---	<0.04
Benzo(g,h,i)perylene	mg/kg	0.42	---	0.43	0.2	---	0.39	---	0.11
Indeno(1,2,3-c,d)pyrene	mg/kg	0.39	---	0.47	0.19	---	0.33	---	0.11
PAH 16 Total	mg/kg	8.2	---	9.8	3.7	---	8.4	---	2
Other									
Natural Moisture Content	percent	11	---	14.1	11.1	---	13.6	---	8.2
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---
Moisture Content 105C	%	---	7	13.1	---	1.2	---	7.9	5.4
pH (Lab)	pH_Units	9.21	---	9.53	9.54	---	8.94	---	11.25



South Bank Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		SBW-SP536-S16	SBW-SP536-S16	SBW-SP541-S9	SBW-SP541-S11	SBW-SP541-S13	SBW-SP541-S15	SBW-SP541-S17	SBW-SP541-S19	SBW-SP541-S21
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-250-542-091024	24-5353-163-011124	24-250-536-071024	24-250-536-071024	24-250-536-071024	24-250-536-071024	24-250-536-071024	24-250-536-071024	24-250-536-071024
Date		27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024
Depth										
	Unit									
Benzo(b+k)fluoranthene	mg/kg	0.34	---	0.4	0.6	0.71	4.79	0.88	1.08	0.85
Benzo(a)pyrene	mg/kg	<0.04	---	<0.04	<0.04	0.3	2.29	<0.04	<0.04	0.38
Dibenz(a,h)anthracene	mg/kg	<0.04	---	<0.04	0.04	0.07	0.32	0.09	0.07	0.07
Benzo(g,h,i)perylene	mg/kg	0.11	---	0.13	0.21	0.23	1.61	0.32	0.37	0.29
Indeno(1,2,3-c,d)pyrene	mg/kg	0.11	---	0.13	0.21	0.26	1.68	0.3	0.36	0.3
PAH 16 Total	mg/kg	2.2	---	2.3	3.5	4.2	29	5.4	5.5	5.3
Other										
Natural Moisture Content	percent	11.2	---	9.3	9.8	12.6	13.4	10.4	13.6	14.3
Alkali Reserve	gNaOH/100g	0.158	---	---	---	---	---	---	---	---
Moisture Content 105C	%	---	6.6	7.5	13.8	8.5	15.4	9.8	9.8	6.7
pH (Lab)	pH_Units	11.86	---	9.33	8.76	9.2	9.05	8.93	9.19	8.77



South Bank Made Ground Soil

Matrix Description		MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND	MADE GROUND
Location Code		SBW-SP541-S23	SBW-SP541-S25	SBW-SP559-S1	SBW-SP559-S3	SBW-SP559-S5
Matrix Type		Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-250-536-071024	24-250-536-071024	24-250-541-041024	24-250-541-041024	24-250-541-041024
Date		27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024	27 Sep 2024
Depth						
	Unit					
Benzo(b+k)fluoranthene	mg/kg	7.09	1.86	0.45	0.49	0.94
Benzo(a)pyrene	mg/kg	3.68	0.89	<0.04	<0.04	0.47
Dibenz(a,h)anthracene	mg/kg	0.54	0.12	<0.04	<0.04	0.08
Benzo(g,h,i)perylene	mg/kg	2.13	0.59	0.13	0.15	0.32
Indeno(1,2,3-c,d)pyrene	mg/kg	2.42	0.63	0.12	0.16	0.31
PAH 16 Total	mg/kg	64.3	11.5	2.6	2.9	7.2
Other						
Natural Moisture Content	percent	7.9	15	8.7	9	9.4
Alkali Reserve	gNaOH/100g	---	---	---	---	---
Moisture Content 105C	%	12.3	8.4	9.2	4.4	7.1
pH (Lab)	pH_Units	8.89	8.86	10.35	9.36	9.67

Statistics
* A Non Detect Multiplier of 0.5 has been applied.

Key
MG = Made Ground
SB w/leach = South Bank with leachate

South Bank Made Ground Leachate



Matrix Description	MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND	
Location Code	SBW-SP536-S5		SBW-SP536-S7		SBW-SP536-S9		SBW-SP536-S11		SBW-SP536-S14		SBW-SP536-S16	
Matrix Type	Soil		Soil		Soil		Soil		Soil		Soil	
Lab Report Number	24-5353-163-011124		24-250-541-041024		24-5353-163-011124		24-5353-163-011124		24-5353-163-011124		24-5353-163-011124	
Date	27 Sep 2024		27 Sep 2024		27 Sep 2024		27 Sep 2024		27 Sep 2024		27 Sep 2024	
Depth												
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS									
Metals												
Aluminium (filtered)	µg/L	200 ^{#1}	-	370	56	2,524	400	862	1,228	477		
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#10}	4.1	5.3	<2.5	<2.5	<2.5	<2.5	<2.5		
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#11}	48	172	55	186	<12	<12	107		
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#12}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Calcium (filtered)	mg/L	-	-	191	311.4	130	151.5	145	121.7	297.9		
Chromium (hexavalent)	µg/L	-	0.6 ^{#12}	<2	<2	<2	<2	<2	<2	<2		
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#12}	<1.5	<1.5	<1.5	<1.5	3.3	4.5	<1.5		
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#13}	<7	<7	<7	<7	<7	<7	<7		
Ferric Iron (filtered)	µg/L	-	1,000 ^{#14}	<20	<20	<20	<20	<20	<20	<20		
Ferrous Iron (filtered)	µg/L	-	1,000 ^{#14}	20	<20	40	<20	<20	40	30		
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#10}	<4.7	<4.7	<4.7	<4.7	9.8	20	<4.7		
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#12}	<5	<5	<5	<5	<5	<5	<5		
Magnesium (filtered)	mg/L	-	-	<0.1	2.8	0.3	0.9	<0.1	<0.1	0.6		
Manganese (filtered)	µg/L	50 ^{#1}	-	<2	<2	<2	<2	<2	5	<2		
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#15}	<0.01	<0.01	<0.05	<0.05	<0.05	0.01	<0.05		
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#12}	<2	<2	<2	<2	<2	<2	<2		
Potassium (filtered)	mg/L	-	-	11.3	10.8	3.8	6.7	8.8	7	8.1		
Sodium (filtered)	mg/L	200 ^{#1}	-	10.4	16.6	2.9	7.4	8	6	7.6		
Vanadium (filtered)	µg/L	-	100 ^{#16}	56.3	49.7	14.6	41.1	14	24.1	35.4		
Zinc (filtered)	µg/L	3,000 ^{#2}	7.9 ^{#17}	<3	<3	<3	<3	<3	<3	<3		
Inorganics												
Inorganic Nitrogen	mg/l	-	-	6.71	0.34	1.93	<0.05	0.07	0.88	<0.05		
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#10}	6.7	0.33	1.93	<0.03	0.05	0.07	0.03		
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#10}	<1	<1	<1	<1	<1	<1	<1		
Cyanide Total	µg/L	50 ^{#1}	1 ^{#10}	<1	<1	2	<1	<1	3	<1		
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#10}	<1	<1	2	<1	<1	3	<1		
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#3}	-	<0.2	<0.2	<0.2	<0.2	<0.2	3.5	<0.2		
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#4}	-	0.05	0.02	<0.02	0.04	0.07	0.05	<0.02		
Sulphate	mg/L	250 (SO4) ^{#5}	-	375.3	561.3	234	344.8	67.6	81.1	472.8		
Phosphate (as PO4)	mg/L	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06		
Sulphide	µg/L	-	10 (MAC) ^{#19}	20	<10	30	<10	20	40	<10		
Thiocyanate (as SCN)	µg/L	-	-	30	<20	<20	<20	40	30	<20		
BTEX and MTBE												
Benzene	µg/L	1 ^{#1}	8 ^{#10}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Toluene	µg/L	700 ^{#6}	74 ^{#10}	<5	<5	<5	<5	<5	<5	<5		
Ethylbenzene	µg/L	300 ^{#6}	20 ^{#20}	<1	<1	<1	<1	<1	<1	<1		
Xylene (m & p)	µg/L	250 ^{#7}	15 ^{#21}	<2	<2	<2	<2	<2	<2	<2		
Xylene (o)	µg/L	250 ^{#7}	15 ^{#21}	<1	<1	<1	<1	<1	<1	<1		
MTBE	µg/L	15 ^{#8}	15 ^{#8}	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
PAH												
Naphthalene	µg/L	-	2 ^{#10}	2.1	0.2	0.3	1.3	0.3	0.4	27.5		
Acenaphthene	µg/L	-	-	0.084	0.043	<0.005	0.021	0.027	0.013	0.343		
Acenaphthylene	µg/L	-	-	0.147	0.027	0.008	0.06	0.028	0.028	1.656		
Fluoranthene	µg/L	-	0.0063 ^{#10}	0.359	0.385	0.026	0.053	0.135	0.114	2.103		
Anthracene	µg/L	-	0.1 ^{#10}	0.116	0.05	<0.005	0.018	0.023	0.019	0.59		
Phenanthrene	µg/L	-	-	0.38	0.127	0.022	0.067	0.098	0.078	3.425		
Fluorene	µg/L	-	-	0.213	0.035	0.008	0.04	0.031	0.029	1.288		
Chrysene	µg/L	-	-	0.144	0.184	0.011	0.029	0.046	0.048	0.519		
Pyrene	µg/L	-	-	0.312	0.334	0.021	0.045	0.106	0.091	1.145		
Benzo(a)anthracene	µg/L	-	-	0.129	0.156	0.008	0.028	0.048	0.042	0.326		
Benzo(b)fluoranthene	µg/L	0.025 ^{#9}	See BaP ^{#22}	0.153	0.193	0.011	0.034	0.055	0.051	0.217		
Benzo(k)fluoranthene	µg/L	0.025 ^{#9}	See BaP ^{#22}	0.06	0.075	<0.008	0.013	0.022	0.02	0.084		
Benzo(b+k)fluoranthene	µg/L	-	-	0.213	0.268	0.015	0.047	0.077	0.071	0.301		
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#22}	0.095	0.12	0.007	0.017	0.035	0.031	0.072		
Dibenz(a,h,i)anthracene	µg/L	-	-	0.015	0.02	<0.005	0.005	0.006	0.006	0.018		
Benzo(g,h,i)perylene	µg/L	0.025 ^{#9}	See BaP ^{#22}	0.063	0.078	0.005	0.015	0.023	0.022	0.051		
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#9}	See BaP ^{#22}	0.068	0.08	0.005	0.014	0.025	0.022	0.049		
PAH 16 Total	µg/L	-	-	4.438	2.107	0.436	1.759	1.008	1.014	39.386		
Other												
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#18}	11.17	9.79	11.11	10.2	11.83	11.7	10.77		

South Bank Made Ground Leachate



Matrix Description	MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND	
Location Code	SBW-SP541-S11		SBW-SP541-S13		SBW-SP541-S15		SBW-SP541-S17		SBW-SP541-S19		SBW-SP541-S21	
Matrix Type	Soil		Soil		Soil		Soil		Soil		Soil	
Lab Report Number	24-250-536-071024		24-250-536-071024		24-250-536-071024		24-250-536-071024		24-250-536-071024		24-250-536-071024	
Date	27 Sep 2024		27 Sep 2024		27 Sep 2024		27 Sep 2024		27 Sep 2024		27 Sep 2024	
Depth												
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS									
Metals												
Aluminium (filtered)	µg/L	200 ^{#1}	-	398	306	211	171	69	235	147		
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#10}	<2.5	<2.5	<2.5	4.6	<2.5	<2.5	3.9		
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#11}	165	197	201	173	153	211	205		
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#12}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Calcium (filtered)	mg/L	-	-	281.8	159.3	162.2	182.2	439.8	176.9	412.5		
Chromium (hexavalent)	µg/L	-	0.6 ^{#12}	<2	<2	<2	<2	<2	<2	<2		
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#12}	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5		
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#13}	<7	<7	<7	<7	<7	<7	<7		
Ferric Iron (filtered)	µg/L	-	1,000 ^{#14}	<20	<20	<20	<20	<20	<20	<20		
Ferrous Iron (filtered)	µg/L	-	1,000 ^{#14}	<20	<20	<20	<20	30	<20	<20		
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#10}	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7		
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#12}	<5	<5	<5	<5	<5	<5	<5		
Magnesium (filtered)	mg/L	-	-	0.9	1.1	2.9	3.7	2.9	1.8	4.6		
Manganese (filtered)	µg/L	50 ^{#1}	-	<2	<2	<2	<2	<2	<2	<2		
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#15}	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01		
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#12}	<2	<2	<2	<2	<2	<2	<2		
Potassium (filtered)	mg/L	-	-	10	8.1	10.1	12.2	9.7	7.3	13.1		
Sodium (filtered)	mg/L	200 ^{#1}	-	7.8	5.6	12.6	17.5	11.3	7.8	14.9		
Vanadium (filtered)	µg/L	-	100 ^{#16}	87.5	87.6	67.7	74.6	54.6	35.3	44.4		
Zinc (filtered)	µg/L	3,000 ^{#2}	7.9 ^{#17}	<3	<3	<3	<3	<3	<3	<3		
Inorganics												
Inorganic Nitrogen	mg/l	-	-	0.05	<0.05	0.05	<0.05	0.58	0.06	<0.05		
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#10}	0.04	0.03	0.04	0.03	0.11	0.05	<0.03		
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#10}	<1	<1	<1	<1	<1	<1	<1		
Cyanide Total	µg/L	50 ^{#1}	1 ^{#10}	<1	<1	<1	<1	2	1	1		
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#10}	<1	<1	<1	<1	2	1	1		
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#3}	-	<0.2	<0.2	<0.2	<0.2	1.9	<0.2	<0.2		
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#4}	-	0.03	0.03	0.03	0.06	0.1	0.03	0.05		
Sulphate	mg/L	250 (SO4) ^{#5}	-	477	391.6	420.5	467.9	760.7	417.4	701.5		
Phosphate (as PO4)	mg/L	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06		
Sulphide	µg/L	-	10 (MAC) ^{#19}	20	<10	<10	<10	<10	<10	<10		
Thiocyanate (as SCN)	µg/L	-	-	30	<20	<20	<20	60	<20	<20		
BTEX and MTBE												
Benzene	µg/L	1 ^{#1}	8 ^{#10}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Toluene	µg/L	700 ^{#6}	74 ^{#10}	<5	<5	<5	<5	<5	<5	<5		
Ethylbenzene	µg/L	300 ^{#6}	20 ^{#20}	<1	<1	<1	<1	<1	<1	<1		
Xylene (m & p)	µg/L	250 ^{#7}	15 ^{#21}	<2	<2	<2	<2	<2	<2	<2		
Xylene (o)	µg/L	250 ^{#7}	15 ^{#21}	<1	<1	<1	<1	<1	<1	<1		
MTBE	µg/L	15 ^{#8}	15 ^{#8}	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
PAH												
Naphthalene	µg/L	-	2 ^{#10}	2	4.6	0.8	0.7	0.9	1.4	1.3		
Acenaphthene	µg/L	-	-	0.028	0.027	0.025	0.016	0.029	0.024	0.104		
Acenaphthylene	µg/L	-	-	0.09	0.121	0.048	0.027	0.09	0.074	0.119		
Fluoranthene	µg/L	-	0.0063 ^{#10}	0.143	0.158	0.502	0.255	1.05	0.111	2.649		
Anthracene	µg/L	-	0.1 ^{#10}	0.032	0.039	0.07	0.038	0.197	0.027	0.333		
Phenanthrene	µg/L	-	-	0.108	0.107	0.179	0.134	0.418	0.096	0.843		
Fluorene	µg/L	-	-	0.054	0.047	0.032	0.013	0.037	0.046	0.131		
Chrysene	µg/L	-	-	0.082	0.098	0.338	0.162	0.636	0.064	1.189		
Pyrene	µg/L	-	-	0.12	0.133	0.461	0.205	0.875	0.09	2.054		
Benzo(a)anthracene	µg/L	-	-	0.076	0.088	0.272	0.133	0.538	0.055	1.128		
Benzo(b)fluoranthene	µg/L	0.025 ^{#9}	See BaP ^{#22}	0.093	0.107	0.369	0.166	0.667	0.072	1.179		
Benzo(k)fluoranthene	µg/L	0.025 ^{#9}	See BaP ^{#22}	0.036	0.042	0.143	0.064	0.259	0.028	0.458		
Benzo(b+k)fluoranthene	µg/L	-	-	0.129	0.149	0.512	0.23	0.926	0.1	1.637		
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#22}	0.057	0.064	0.21	0.097	0.44	0.038	0.873		
Dibenz(a,h)anthracene	µg/L	-	-	0.01	0.012	0.039	0.018	0.063	0.009	0.125		
Benzo(g,h,i)perylene	µg/L	0.025 ^{#9}	See BaP ^{#22}	0.038	0.045	0.159	0.067	0.278	0.03	0.469		
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#9}	See BaP ^{#22}	0.043	0.047	0.16	0.072	0.296	0.028	0.567		
PAH 16 Total	µg/L	-	-	3.01	5.735	3.807	2.167	6.773	2.192	13.521		
Other												
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#18}	10.39	10.26	9.87	9.91	9.99	10.1	9.73		

South Bank Made Ground Leachate



Matrix Description Location Code Matrix Type Lab Report Number Date Depth				MADE GROUND		MADE GROUND		MADE GROUND		MADE GROUND	
				SBW-SP541-S25		SBW-SP559-S1		SBW-SP559-S3		SBW-SP559-S5	
				Soil		Soil		Soil		Soil	
				24-250-536-071024		24-250-541-041024		24-250-541-041024		24-250-541-041024	
				27 Sep 2024		27 Sep 2024		27 Sep 2024		27 Sep 2024	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	1,275	470	1,107	396				
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#10}	<2.5	<2.5	<2.5	3.6				
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#11}	95	55	78	121				
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#12}	<0.5	<0.5	<0.5	<0.5				
Calcium (filtered)	mg/L	-	-	95.2	193.5	157.8	204				
Chromium (hexavalent)	µg/L	-	0.6 ^{#12}	<2	<2	<2	<2				
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#12}	<1.5	<1.5	<1.5	<1.5				
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#13}	<7	<7	<7	<7				
Ferric Iron (filtered)	µg/L	-	1,000 ^{#14}	<20	<20	<20	<20				
Ferrous Iron (filtered)	µg/L	-	1,000 ^{#14}	<20	30	40	60				
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#10}	<4.7	<4.7	<4.7	<4.7				
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#12}	<5	<5	<5	<5				
Magnesium (filtered)	mg/L	-	-	0.2	0.2	0.2	0.5				
Manganese (filtered)	µg/L	50 ^{#1}	-	<2	<2	<2	<2				
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#15}	<0.01	<0.01	<0.05	<0.05				
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#12}	<2	<2	<2	<2				
Potassium (filtered)	mg/L	-	-	6.7	9.5	5.2	9.9				
Sodium (filtered)	mg/L	200 ^{#1}	-	11.9	6.2	4.8	8.6				
Vanadium (filtered)	µg/L	-	100 ^{#16}	41.5	46.6	36.3	62.4				
Zinc (filtered)	µg/L	3,000 ^{#2}	7.9 ^{#17}	<3	<3	<3	<3				
Inorganics											
Inorganic Nitrogen	mg/l	-	-	0.06	<0.05	0.05	0.43				
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#10}	0.05	<0.03	0.05	0.43				
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#10}	<1	<1	<1	<1				
Cyanide Total	µg/L	50 ^{#1}	1 ^{#10}	<1	<1	<1	5				
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#10}	<1	<1	<1	5				
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#3}	-	<0.2	<0.2	<0.2	<0.2				
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#4}	-	0.03	<0.02	<0.02	<0.02				
Sulphate	mg/L	250 (SO4) ^{#5}	-	163.1	398.2	291.5	491.1				
Phosphate (as PO4)	mg/L	-	-	<0.06	<0.06	<0.06	<0.06				
Sulphide	µg/L	-	10 (MAC) ^{#19}	<10	50	110	<10				
Thiocyanate (as SCN)	µg/L	-	-	<20	<20	20	<20				
BTEX and MTBE											
Benzene	µg/L	1 ^{#1}	8 ^{#10}	<0.5	<0.5	<0.5	<0.5				
Toluene	µg/L	700 ^{#6}	74 ^{#10}	<5	<5	<5	<5				
Ethylbenzene	µg/L	300 ^{#6}	20 ^{#20}	<1	<1	<1	<1				
Xylene (m & p)	µg/L	250 ^{#7}	15 ^{#21}	<2	<2	<2	<2				
Xylene (o)	µg/L	250 ^{#7}	15 ^{#21}	<1	<1	<1	<1				
MTBE	µg/L	15 ^{#8}	15 ^{#8}	<0.1	<0.1	<0.1	<0.1				
PAH											
Naphthalene	µg/L	-	2 ^{#10}	1.7	0.2	0.5	0.6				
Acenaphthene	µg/L	-	-	0.035	0.036	0.102	0.033				
Acenaphthylene	µg/L	-	-	0.092	0.014	0.029	0.035				
Fluoranthene	µg/L	-	0.0063 ^{#10}	0.155	0.175	0.119	0.214				
Anthracene	µg/L	-	0.1 ^{#10}	0.034	0.025	0.041	0.04				
Phenanthrene	µg/L	-	-	0.111	0.094	0.181	0.138				
Fluorene	µg/L	-	-	0.06	0.024	0.061	0.046				
Chrysene	µg/L	-	-	0.088	0.078	0.048	0.087				
Pyrene	µg/L	-	-	0.127	0.158	0.096	0.185				
Benzo(a)anthracene	µg/L	-	-	0.083	0.07	0.042	0.078				
Benzo(b)fluoranthene	µg/L	0.025 ^{#9}	See BaP ^{#22}	0.099	0.08	0.045	0.094				
Benzo(k)fluoranthene	µg/L	0.025 ^{#9}	See BaP ^{#22}	0.039	0.031	0.017	0.036				
Benzo(b+k)fluoranthene	µg/L	-	-	0.138	0.111	0.062	0.13				
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#22}	0.061	0.048	0.026	0.056				
Dibenz(a,h)anthracene	µg/L	-	-	0.013	0.01	0.005	0.01				
Benzo(g,h,i)perylene	µg/L	0.025 ^{#9}	See BaP ^{#22}	0.036	0.032	0.018	0.04				
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#9}	See BaP ^{#22}	0.044	0.035	0.019	0.04				
PAH 16 Total	µg/L	-	-	2.777	1.11	1.349	1.732				
Other											
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#18}	10.93	11.14	11.2	10.54				

South Bank Made Ground Leachate

Comments

- #1 Water Supply (Water Quality) Regulations 2016.
- #2 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Based on taste rather than a formal guideline.
- #3 Water Supply (Water Quality) Regulations 2016. As NO3.
- #4 Water Supply (Water Quality) Regulations 2016. As NO2.
- #5 Water Supply (Water Quality) Regulations 2016. As SO4.
- #6 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011
- #7 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Value of 500µg/l for sum xylenes split between isomers. Requires summation of m,p & o isomers to use 500µg/l value.
- #8 The taste and odour threshold of 15µg/l is commonly adopted as a guide.
- #9 Water Supply (Water Quality) Regulations 2016. Value of 0.1µg/l for PAH split between four individual PAH. Requires summation of benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghiperylene and indeno(123cd)pyrene to use 0.1µg/l value.
- #10 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015.
- #11 Operational Targets and EQS. EA, April 2018
- #12 Water Framework Directive (Standards & Classification) Directions (England & Wales) 2015. Dissolved fraction.
- #13 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Dissolved Fraction. If DOC >1mg/l then a higher criteria applies $[3.76+(2.677x((DOC/2)-0.5))]$
- #14 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Based on value for dissolved iron.
- #15 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Dissolved Fraction. MAC adopted in absence of AA value.
- #16 Operational Targets and EQS. EA, April 2018.
- #17 Operational Targets and EQS. EA, April 2018. Dissolved plus ambient background concentration. For saltwater, an Ambient Background Concentration of 1.1 µg/l has been used
- #18 Operational Targets and EQS. EA, April 2018. Maximum Allowable Concentration (MAC) adopted in absence of Annual Average (AA) value.
- #19 Operational Targets and EQS. EA, April 2018. Based on value for hydrogen sulphide. MAC adopted in absence of AA value.
- #20 Proposed Environmental Quality Standard, in absence of legislative standard (Ayscough et al., 2002). https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/291223/sp2-115-tr4-e-e.pdf
- #21 Operational Targets and EQS. EA, April 2018. Value of 30µg/l for sum xylenes split between isomers. Requires summation of m,p & o isomers to use 30µg/l value.
- #22 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Benzo(a)pyrene can be considered as a marker for other PAH for comparison with the corresponding AA-EQS in water.

Appendix L

Concrete and Refractory Brick Data



Concrete Soil

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
		FOU-SP601-S5	FOU-SP601-S14	FOU-SP601-S14	FOU-SP601-S15	FOU-SP601-S15	FOU-SP601-S17	FOU-SP601-S17	FOU-SP601-S18	FOU-SP601-S18	FOU-SP601-S21
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		744142	744142	744142	744142	744142	744142	744142	744142	744142	744142
		24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024
Metals											
Arsenic	mg/kg	---	20.1	---	13.4	---	13.8	---	16.3	---	19.2
Boron	mg/kg	---	29.4	---	21.5	---	29.9	---	24.5	---	27.4
Cadmium	mg/kg	---	3.29	---	2.06	---	1.13	---	1.28	---	<0.02
Chromium (hexavalent) (filtered)	mg/kg	---	<0.6	---	<0.6	---	<0.6	---	<0.6	---	<0.6
Chromium	mg/kg	---	130	---	110	---	104	---	104	---	113
Chromium (Trivalent)	mg/kg	---	130	---	110	---	104	---	104	---	113
Copper	mg/kg	---	135	---	31.4	---	32	---	27.9	---	29.5
Lead	mg/kg	---	323	---	408	---	122	---	163	---	34.6
Mercury	mg/kg	---	<0.1	---	0.157	---	<0.1	---	<0.1	---	<0.1
Nickel	mg/kg	---	27.3	---	16.4	---	12.9	---	15.4	---	16.4
Vanadium	mg/kg	---	269	---	191	---	208	---	178	---	222
Zinc	mg/kg	---	847	---	1,340	---	674	---	784	---	120
Asbestos											
Asbestos Quantification - Detailed Gravimetric	%	---	---	---	---	---	---	---	---	---	---
Asbestos:Anthrophyllite	No units	---	0	---	0	---	0	---	0	---	0
Asbestos Analysts Comments	-	---	---	---	---	---	---	---	---	---	---
Asbestos Quantification Total	%	---	---	---	---	---	---	---	---	---	---
Asbestos: Actinolite	Detect	---	0	---	0	---	0	---	0	---	0
Additional Asbestos Components (Using TM048)	Comment	---	---	---	---	---	---	---	---	---	---
Crocidolite Asbestos	Detect	---	0	---	0	---	0	---	0	---	0
Asbestos Gravimetric Quantification	%	---	---	---	---	---	---	---	---	---	---
Chrysotile Asbestos	Detect	---	0	---	0	---	0	---	0	---	0
Amosite Asbestos	Detect	---	0	---	0	---	0	---	0	---	0
Non-Asbestos Fibre	Detect	---	1	---	0	---	0	---	0	---	0
Tremolite	Detect	---	0	---	0	---	0	---	0	---	0
Inorganics											
Cyanide (Free) (filtered)	mg/kg	---	<1	---	<1	---	<1	---	<1	---	<1
Cyanide Total (filtered)	mg/kg	---	3.75	---	5.53	---	2.94	---	2.67	---	4.22
Sulphate	mg/kg	---	6,580	---	6,910	---	19,900	---	7,950	---	21,800
Sulphate (filtered)	g/l	---	0.438	---	0.365	---	0.366	---	0.296	---	0.343
Sulphate (Soluble) (filtered)	g/l	---	---	---	---	---	---	---	---	---	---
Sulphur as S	%	---	0.219	---	0.23	---	0.662	---	0.265	---	0.726
Thiocyanate (as SCN) (filtered)	mg/kg	---	<1	---	<1	---	<1	---	<1	---	<1
PAH											
Naphthalene	mg/kg	0.549	0.899	0.0352	1.11	0.507	0.824	0.324	0.487	0.321	3.99
Acenaphthene	mg/kg	0.67	1.67	0.0503	1.73	5.96	0.952	0.335	0.441	15.7	3
Acenaphthylene	mg/kg	0.785	3.1	0.106	1.73	0.656	1.61	0.259	0.584	0.213	9
Fluoranthene	mg/kg	8.61	32.2	1.07	11.7	5.66	19.9	2.8	5.55	2.41	75.1
Anthracene	mg/kg	4.11	5.72	0.143	3.49	1.24	3.02	0.352	0.831	0.345	14.6
Phenanthrene	mg/kg	8.17	15	0.423	6.69	3.65	10.9	1.34	2.21	1.07	62.8
Fluorene	mg/kg	1.53	2.41	0.0671	1.71	0.852	1.58	0.3	0.448	0.21	13.6
Chrysene	mg/kg	3.33	14.8	0.488	6.04	2.58	7.7	1.41	2.51	1.05	26.3
Pyrene	mg/kg	5.76	26.8	0.937	8.88	4.32	14.4	2.29	4.34	1.89	54.6
Benzo(a)anthracene	mg/kg	3.31	15.1	0.541	5.25	2.49	8.32	1.43	2.6	1.1	30.6
Benzo(b)fluoranthene	mg/kg	4.07	17.3	0.643	6.61	3.02	9.71	1.88	3.49	1.46	32.8
Benzo(k)fluoranthene	mg/kg	1.44	6.05	0.258	2.33	1.05	3.52	0.704	1.12	0.571	10.7
Benzo(a)pyrene	mg/kg	2.74	12	0.464	4.3	2.09	7.03	1.39	2.47	1.04	22.6
Dibenz(a,h)anthracene	mg/kg	0.417	2.1	0.0666	0.949	0.41	1.21	0.273	0.478	0.163	4.05
Benzo(g,h,i)perylene	mg/kg	1.9	7.54	0.301	2.88	1.42	4.61	1.08	1.81	0.812	12.8
Indeno(1,2,3-c,d)pyrene	mg/kg	1.98	7.21	0.323	2.91	1.47	4.56	1.06	1.64	0.822	12
PAH 16 Total	mg/kg	49.4	170	5.92	68.3	37.4	99.9	17.2	31	29.1	389
TPH CWG											
>C5-C6 Aliphatics	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
>C6-C8 Aliphatics	mg/kg	---	0.037	---	<0.01	---	<0.01	---	<0.01	---	0.0222
>C8-C10 Aliphatics	mg/kg	---	0.139	---	<0.01	---	<0.01	---	<0.01	---	0.0167
>C5-C10 Aliphatics	mg/kg	---	0.176	---	<0.05	---	<0.05	---	<0.05	---	<0.05
>C10-C12 Aliphatics	mg/kg	---	<1	---	3.74	---	<1	---	<1	---	<1
>C12-C16 Aliphatics	mg/kg	---	1.15	---	12.7	---	2.72	---	2.21	---	5.73
>C16-C21 Aliphatics	mg/kg	---	11.1	---	86.3	---	18.1	---	19	---	25.5
>C21-C35 Aliphatics	mg/kg	---	36.7	---	34	---	18.6	---	11.8	---	44.3
>C35-C44 Aliphatics	mg/kg	---	13.9	---	6.4	---	4.29	---	3.81	---	16
>C35-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C10-C40 Aliphatics	mg/kg	---	62.8	---	143	---	43.8	---	36.8	---	91.7
Total Aliphatics >C5-C40	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	0.093	---	<0.05	---	<0.05	---	<0.05	---	<0.05
>EC5-EC7 Aromatics	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
>EC7-EC8 Aromatics	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
>EC8-EC10 Aromatics	mg/kg	---	0.093	---	<0.01	---	<0.01	---	<0.01	---	0.0111

2 of 21



Concrete Soil

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
		FOU-SP714-S5	FOU-SP714-S5	FOU-SP714-S5	FOU-SP714-S6	FOU-SP714-S6	FOU-SP714-S6	FOU-SP720-S1	FOU-SP720-S1	FOU-SP720-S3	FOU-SP720-S3
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		743847	743847	743847	743847	743847	743847	735543	735543	735543	735543
		28 Aug 2024	28 Aug 2024	28 Aug 2024	28 Aug 2024	28 Aug 2024	28 Aug 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024
		0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
Metals											
Arsenic	mg/kg	46.3	---	---	5.5	---	---	4.3	---	4.04	---
Boron	mg/kg	44.5	---	---	40.6	---	---	30.6	---	40.6	---
Cadmium	mg/kg	<0.02	---	---	<0.02	---	---	0.0349	---	0.0436	---
Chromium (hexavalent) (filtered)	mg/kg	<0.6	---	---	<0.6	---	---	<0.6	---	<0.6	---
Chromium	mg/kg	295	---	---	133	---	---	40.5	---	16.7	---
Chromium (Trivalent)	mg/kg	295	---	---	133	---	---	40.5	---	16.7	---
Copper	mg/kg	21.5	---	---	8.07	---	---	8.33	---	6.5	---
Lead	mg/kg	25	---	---	10.5	---	---	10.6	---	10.6	---
Mercury	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	<0.1	---
Nickel	mg/kg	13.9	---	---	6.49	---	---	7.93	---	5.99	---
Vanadium	mg/kg	786	---	---	259	---	---	148	---	76.1	---
Zinc	mg/kg	126	---	---	40.3	---	---	40.1	---	33.2	---
Asbestos											
Asbestos Quantification - Detailed Gravimetric	%	---	---	---	---	---	---	<0.001	---	---	---
Asbestos:Anthrophyllite	No units	0	---	---	0	---	---	0	---	0	---
Asbestos Analysts Comments	-	---	---	---	---	---	---	1	---	---	---
Asbestos Quantification Total	%	---	---	---	---	---	---	<0.001	---	---	---
Asbestos: Actinolite	Detect	0	---	---	0	---	---	0	---	0	---
Additional Asbestos Components (Using TM048)	Comment	---	---	---	---	---	---	1	---	---	---
Crocidolite Asbestos	Detect	0	---	---	0	---	---	0	---	0	---
Asbestos Gravimetric Quantification	%	---	---	---	---	---	---	<0.001	---	---	---
Chrysotile Asbestos	Detect	0	---	---	0	---	---	1	---	0	---
Amosite Asbestos	Detect	0	---	---	0	---	---	0	---	0	---
Non-Asbestos Fibre	Detect	0	---	---	0	---	---	0	---	0	---
Tremolite	Detect	0	---	---	0	---	---	0	---	0	---
Inorganics											
Cyanide (Free) (filtered)	mg/kg	<1	---	---	<1	---	---	<1	---	<1	---
Cyanide Total (filtered)	mg/kg	<1	---	---	<1	---	---	<1	---	<1	---
Sulphate	mg/kg	10,100	---	---	24,800	---	---	41,600	---	28,800	---
Sulphate (filtered)	g/l	0.712	---	---	0.225	---	---	0.232	---	0.288	---
Sulphate (Soluble) (filtered)	g/l	---	---	---	---	---	---	0.232	---	0.288	---
Sulphur as S	%	0.336	---	---	0.826	---	---	1.39	---	0.96	---
Thiocyanate (as SCN) (filtered)	mg/kg	<1	---	---	<1	---	---	1.37	---	<1	---
PAH											
Naphthalene	mg/kg	0.0311	---	<0.16	0.025	---	<0.08	0.0727	0.145	0.0462	0.0751
Acenaphthene	mg/kg	0.0155	---	---	<0.008	---	---	0.0811	---	0.0302	---
Acenaphthylene	mg/kg	<0.012	---	---	<0.012	---	---	<0.012	---	<0.012	---
Fluoranthene	mg/kg	0.0936	---	---	0.0604	---	---	0.106	---	0.0586	---
Anthracene	mg/kg	0.0177	---	---	<0.016	---	---	0.0178	---	<0.016	---
Phenanthrene	mg/kg	0.0765	---	---	0.0462	---	---	0.0801	---	0.0402	---
Fluorene	mg/kg	0.0176	---	---	<0.01	---	---	0.0501	---	0.023	---
Chrysene	mg/kg	0.0584	---	---	0.0353	---	---	0.0606	---	0.0389	---
Pyrene	mg/kg	0.0806	---	---	0.051	---	---	0.103	---	0.0562	---
Benzo(a)anthracene	mg/kg	0.0494	---	---	0.0299	---	---	0.059	---	0.0335	---
Benzo(b)fluoranthene	mg/kg	0.0823	---	---	0.039	---	---	0.0875	---	0.0472	---
Benzo(k)fluoranthene	mg/kg	0.0246	---	---	<0.014	---	---	0.0275	---	0.0148	---
Benzo(a)pyrene	mg/kg	0.0488	---	---	0.0247	---	---	0.0571	---	0.031	---
Dibenz(a,h)anthracene	mg/kg	<0.023	---	---	<0.023	---	---	<0.023	---	<0.023	---
Benzo(g,h,i)perylene	mg/kg	0.0455	---	---	0.0247	---	---	0.0562	---	0.0322	---
Indeno(1,2,3-c,d)pyrene	mg/kg	0.0374	---	---	0.0203	---	---	0.0518	---	0.0277	---
PAH 16 Total	mg/kg	0.679	---	---	0.357	---	---	0.983	---	0.508	---
TPH CWG											
>C5-C6 Aliphatics	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	<0.01	---
>C6-C8 Aliphatics	mg/kg	<0.01	---	---	<0.01	---	---	0.0199	---	0.0158	---
>C8-C10 Aliphatics	mg/kg	<0.01	---	---	<0.01	---	---	0.0251	---	0.0116	---
>C5-C10 Aliphatics	mg/kg	<0.05	---	---	<0.05	---	---	<0.05	---	<0.05	---
>C10-C12 Aliphatics	mg/kg	<1	---	---	<1	---	---	<1	---	<1	---
>C12-C16 Aliphatics	mg/kg	<1	---	---	<1	---	---	<1	---	<1	---
>C16-C21 Aliphatics	mg/kg	6.29	---	---	17	---	---	6.43	---	2.62	---
>C21-C35 Aliphatics	mg/kg	12.4	---	---	9.81	---	---	33.4	---	31.4	---
>C35-C44 Aliphatics	mg/kg	<1	---	---	<1	---	---	11.6	---	14.7	---
>C35-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C10-C40 Aliphatics	mg/kg	20	---	---	27.4	---	---	51.6	---	48.7	---
Total Aliphatics >C5-C40	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	<0.05	---	---	<0.05	---	---	<0.05	---	<0.05	---
>EC5-EC7 Aromatics	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	<0.01	---
>EC7-EC8 Aromatics	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	<0.01	---
>EC8-EC10 Aromatics	mg/kg	<0.01	---	---	<0.01	---	---	0.0168	---	<0.01	---



Concrete Soil

Matrix Description Location Code Matrix Type Lab Report Number Date Depth											
	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
	FOU-SP721-S1	FOU-SP721-S1	FOU-SP721-S2	FOU-SP721-S2	FOU-SP721-S3	FOU-SP721-S3	FOU-SP721-S3	FOU-SP722-S2	FOU-SP722-S2	FOU-SP722-S3	FOU-SP722-S3
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	735543	735543	735543	735543	735543	735543	735543	735543	735543	735543	735543
	15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024
	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
	Unit										
Metals											
Arsenic	mg/kg	4.41	---	3.74	---	3.66	---	22	---	20.9	---
Boron	mg/kg	19.6	---	15.9	---	24.1	---	32.6	---	25.7	---
Cadmium	mg/kg	0.13	---	0.178	---	0.299	---	<0.02	---	<0.02	---
Chromium (hexavalent) (filtered)	mg/kg	<0.6	---	<0.6	---	<0.6	---	<0.6	---	<0.6	---
Chromium	mg/kg	150	---	110	---	89	---	209	---	47.5	---
Chromium (Trivalent)	mg/kg	149	---	110	---	89	---	209	---	47.2	---
Copper	mg/kg	13.5	---	14.2	---	10.1	---	19.5	---	12.5	---
Lead	mg/kg	22.8	---	20.5	---	13.1	---	17.9	---	7.07	---
Mercury	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Nickel	mg/kg	9.2	---	7.62	---	6.32	---	15.8	---	23.6	---
Vanadium	mg/kg	245	---	186	---	159	---	400	---	221	---
Zinc	mg/kg	130	---	112	---	77.6	---	51.2	---	51.1	---
Asbestos											
Asbestos Quantification - Detailed Gravimetric	%	---	---	---	---	---	---	---	---	---	---
Asbestos:Anthrophyllite	No units	0	---	0	---	0	---	0	---	0	---
Asbestos Analysts Comments	-	---	---	---	---	---	---	---	---	---	---
Asbestos Quantification Total	%	---	---	---	---	---	---	---	---	---	---
Asbestos: Actinolite	Detect	0	---	0	---	0	---	0	---	0	---
Additional Asbestos Components (Using TM048)	Comment	---	---	---	---	---	---	---	---	---	---
Crocidolite Asbestos	Detect	0	---	0	---	0	---	0	---	0	---
Asbestos Gravimetric Quantification	%	---	---	---	---	---	---	---	---	---	---
Chrysotile Asbestos	Detect	0	---	0	---	0	---	0	---	0	---
Amosite Asbestos	Detect	0	---	0	---	0	---	0	---	0	---
Non-Asbestos Fibre	Detect	0	---	0	---	0	---	0	---	0	---
Tremolite	Detect	0	---	0	---	0	---	0	---	0	---
Inorganics											
Cyanide (Free) (filtered)	mg/kg	<1	---	<1	---	<1	---	<1	---	<1	---
Cyanide Total (filtered)	mg/kg	<1	---	<1	---	<1	---	<1	---	<1	---
Sulphate	mg/kg	11,100	---	7,600	---	17,500	---	10,800	---	16,600	---
Sulphate (filtered)	g/l	0.0158	---	0.0612	---	0.0476	---	0.0989	---	0.0633	---
Sulphate (Soluble) (filtered)	g/l	0.0158	---	0.0612	---	0.0476	---	0.0989	---	0.0633	---
Sulphur as S	%	0.369	---	0.253	---	0.584	---	0.359	---	0.554	---
Thiocyanate (as SCN) (filtered)	mg/kg	<1	---	<1	---	<1	---	<1	---	<1	---
PAH											
Naphthalene	mg/kg	0.0274	0.133	0.0157	0.0385	0.0201	0.0292	0.0536	0.16	0.0301	0.34
Acenaphthene	mg/kg	0.217	---	0.0394	---	0.0204	---	0.0738	---	0.0842	---
Acenaphthylene	mg/kg	0.0165	---	<0.012	---	<0.012	---	0.0213	---	<0.012	---
Fluoranthene	mg/kg	0.592	---	0.114	---	0.0552	---	0.168	---	0.0855	---
Anthracene	mg/kg	0.134	---	0.0286	---	<0.016	---	0.0536	---	0.0176	---
Phenanthrene	mg/kg	0.801	---	0.0875	---	0.0439	---	0.176	---	0.0682	---
Fluorene	mg/kg	0.173	---	0.0257	---	0.0134	---	0.352	---	0.0629	---
Chrysene	mg/kg	0.156	---	0.0623	---	0.0256	---	0.102	---	0.0552	---
Pyrene	mg/kg	0.452	---	0.109	---	0.0516	---	0.157	---	0.074	---
Benzo(a)anthracene	mg/kg	0.143	---	0.0518	---	0.0249	---	0.0915	---	0.0481	---
Benzo(b)fluoranthene	mg/kg	0.19	---	0.0721	---	0.0337	---	0.127	---	0.0724	---
Benzo(k)fluoranthene	mg/kg	0.0605	---	0.0238	---	<0.014	---	0.045	---	0.0259	---
Benzo(a)pyrene	mg/kg	0.132	---	0.0469	---	0.0216	---	0.0938	---	0.0461	---
Dibenz(a,h)anthracene	mg/kg	<0.023	---	<0.023	---	<0.023	---	<0.023	---	<0.023	---
Benzo(g,h,i)perylene	mg/kg	0.119	---	0.0483	---	<0.024	---	0.0803	---	0.0471	---
Indeno(1,2,3-c,d)pyrene	mg/kg	0.104	---	0.0394	---	<0.018	---	0.0692	---	0.0382	---
PAH 16 Total	mg/kg	3.42	---	0.788	---	0.31	---	1.77	---	1.07	---
TPH CWG											
>C5-C6 Aliphatics	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
>C6-C8 Aliphatics	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
>C8-C10 Aliphatics	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
>C5-C10 Aliphatics	mg/kg	<0.05	---	<0.05	---	<0.05	---	<0.05	---	<0.05	---
>C10-C12 Aliphatics	mg/kg	<1	---	<1	---	<1	---	<1	---	<1	---
>C12-C16 Aliphatics	mg/kg	<1	---	<1	---	<1	---	<1	---	<1	---
>C16-C21 Aliphatics	mg/kg	5.54	---	2.2	---	5.5	---	4.27	---	4.5	---
>C21-C35 Aliphatics	mg/kg	67.3	---	54.5	---	67.6	---	134	---	5.75	---
>C35-C44 Aliphatics	mg/kg	26.1	---	24.4	---	24.4	---	2.62	---	<1	---
>C35-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C10-C40 Aliphatics	mg/kg	99	---	81.1	---	97.6	---	20.3	---	10.4	---
Total Aliphatics >C5-C40	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	<0.05	---	<0.05	---	<0.05	---	<0.05	---	<0.05	---
>EC5-EC7 Aromatics	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
>EC7-EC8 Aromatics	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
>EC8-EC10 Aromatics	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---



Concrete Soil

Matrix Description Location Code Matrix Type Lab Report Number Date Depth		Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
		FOU-SP724-S2	FOU-SP724-S2	FOU-SP724-S3	FOU-SP724-S3	FOU-SP724-S3	FOU-SP725-S1	FOU-SP725-S1	FOU-SP725-S3	FOU-SP725-S3	LWW-SP746-S1
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		741639	741639	741639	741639	741639	741639	741639	741639	741639	24-5353-147-071024
		27 Aug 2024	27 Aug 2024	27 Aug 2024	27 Aug 2024	27 Aug 2024	27 Aug 2024	27 Aug 2024	27 Aug 2024	27 Aug 2024	15 Aug 2024
Depth		0 - 0	0 - 0	0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	
	Unit										
Metals											
Arsenic	mg/kg	7.67	---	---	7.74	---	11.8	---	6.53	---	---
Boron	mg/kg	35.6	---	---	32.8	---	41	---	37.9	---	---
Cadmium	mg/kg	<0.02	---	---	<0.02	---	<0.02	---	<0.02	---	---
Chromium (hexavalent) (filtered)	mg/kg	<0.6	---	---	<0.6	---	<0.6	---	<0.6	---	---
Chromium	mg/kg	149	---	---	238	---	132	---	77.2	---	---
Chromium (Trivalent)	mg/kg	149	---	---	238	---	132	---	77.2	---	---
Copper	mg/kg	14.1	---	---	17.7	---	14.7	---	12.1	---	---
Lead	mg/kg	28	---	---	23.6	---	13.2	---	13.7	---	---
Mercury	mg/kg	<0.1	---	---	<0.1	---	<0.1	---	<0.1	---	---
Nickel	mg/kg	9.09	---	---	11.5	---	13.5	---	6.04	---	---
Vanadium	mg/kg	443	---	---	468	---	246	---	235	---	---
Zinc	mg/kg	167	---	---	112	---	61.6	---	61.1	---	---
Asbestos											
Asbestos Quantification - Detailed Gravimetric	%	---	---	---	---	---	---	---	---	---	---
Asbestos:Anthrophyllite	No units	0	---	---	0	---	0	---	0	---	---
Asbestos Analysts Comments	-	---	---	---	---	---	---	---	---	---	---
Asbestos Quantification Total	%	---	---	---	---	---	---	---	---	---	---
Asbestos: Actinolite	Detect	0	---	---	0	---	0	---	0	---	---
Additional Asbestos Components (Using TM048)	Comment	---	---	---	---	---	---	---	---	---	---
Crocidolite Asbestos	Detect	0	---	---	0	---	0	---	0	---	---
Asbestos Gravimetric Quantification	%	---	---	---	---	---	---	---	---	---	---
Chrysotile Asbestos	Detect	0	---	---	0	---	0	---	0	---	---
Amosite Asbestos	Detect	0	---	---	0	---	0	---	0	---	---
Non-Asbestos Fibre	Detect	0	---	---	0	---	0	---	0	---	---
Tremolite	Detect	0	---	---	0	---	0	---	0	---	---
Inorganics											
Cyanide (Free) (filtered)	mg/kg	<1	---	---	<1	---	<1	---	<1	---	---
Cyanide Total (filtered)	mg/kg	<1	---	---	<1	---	<1	---	<1	---	---
Sulphate	mg/kg	14,900	---	---	12,600	---	19,300	---	29,100	---	---
Sulphate (filtered)	g/l	0.178	---	---	0.248	---	0.266	---	0.189	---	---
Sulphate (Soluble) (filtered)	g/l	---	---	---	---	---	---	---	---	---	---
Sulphur as S	%	0.496	---	---	0.419	---	0.643	---	0.97	---	---
Thiocyanate (as SCN) (filtered)	mg/kg	1.12	---	---	1.21	---	<1	---	1.09	---	---
PAH											
Naphthalene	mg/kg	0.109	<0.16	---	0.104	<0.16	0.105	<0.16	0.0131	0.0261	---
Acenaphthene	mg/kg	0.281	---	---	0.0456	---	0.0846	---	0.084	---	---
Acenaphthylene	mg/kg	0.024	---	---	0.0135	---	0.0191	---	<0.012	---	---
Fluoranthene	mg/kg	0.293	---	---	0.177	---	0.194	---	0.104	---	---
Anthracene	mg/kg	0.186	---	---	0.0621	---	0.0275	---	0.0226	---	---
Phenanthrene	mg/kg	0.279	---	---	0.153	---	0.143	---	0.14	---	---
Fluorene	mg/kg	0.152	---	---	0.0426	---	0.0564	---	0.0571	---	---
Chrysene	mg/kg	0.108	---	---	0.0888	---	0.103	---	0.0434	---	---
Pyrene	mg/kg	0.251	---	---	0.164	---	0.179	---	0.0962	---	---
Benzo(a)anthracene	mg/kg	0.1	---	---	0.0792	---	0.0929	---	0.0436	---	---
Benzo(b)fluoranthene	mg/kg	0.14	---	---	0.122	---	0.139	---	0.0599	---	---
Benzo(k)fluoranthene	mg/kg	0.047	---	---	0.0373	---	0.0431	---	0.0229	---	---
Benzo(a)pyrene	mg/kg	0.0795	---	---	0.0705	---	0.0827	---	0.0337	---	---
Dibenz(a,h)anthracene	mg/kg	<0.023	---	---	<0.023	---	<0.023	---	<0.023	---	---
Benzo(g,h,i)perylene	mg/kg	0.0755	---	---	0.0685	---	0.081	---	0.0336	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	0.0623	---	---	0.0538	---	0.0651	---	0.0283	---	---
PAH 16 Total	mg/kg	2.19	---	---	1.28	---	1.42	---	0.795	---	---
TPH CWG											
>C5-C6 Aliphatics	mg/kg	0.0125	---	---	0.0103	---	0.0123	---	<0.01	---	---
>C6-C8 Aliphatics	mg/kg	0.0614	---	---	0.0534	---	0.0483	---	0.0454	---	---
>C8-C10 Aliphatics	mg/kg	0.155	---	---	0.0595	---	0.0483	---	0.0557	---	---
>C5-C10 Aliphatics	mg/kg	0.229	---	---	0.123	---	0.109	---	0.101	---	---
>C10-C12 Aliphatics	mg/kg	1.21	---	---	<1	---	<1	---	<1	---	---
>C12-C16 Aliphatics	mg/kg	31.2	---	---	14.9	---	3.07	---	37.7	---	---
>C16-C21 Aliphatics	mg/kg	101	---	---	126	---	21.5	---	85.8	---	---
>C21-C35 Aliphatics	mg/kg	320	---	---	180	---	99.1	---	234	---	---
>C35-C44 Aliphatics	mg/kg	101	---	---	34.5	---	32.1	---	58.5	---	---
>C35-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>C10-C40 Aliphatics	mg/kg	554	---	---	355	---	156	---	416	---	---
Total Aliphatics >C5-C40	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	0.103	---	---	<0.05	---	<0.05	---	<0.05	---	---
>EC5-EC7 Aromatics	mg/kg	<0.01	---	---	<0.01	---	<0.01	---	<0.01	---	---
>EC7-EC8 Aromatics	mg/kg	<0.01	---	---	<0.01	---	<0.01	---	<0.01	---	---
>EC8-EC10 Aromatics	mg/kg	0.103	---	---	0.04	---	0.0318	---	0.0371	---	---



Concrete Soil

Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
		LWW-SP747-S1	LWW-SP748-S1	LWW-SP748-S1	LWW-SP748-S1	LWW-SP749-S1	LWW-SP750-S1	LWW-SP751-S1
		Soil	Soil	Soil	Soil	Soil	Soil	Soil
		24-5353-147-071024	24-250-484-200924	24-5353-139-230924	24-5353-147-071024	24-5353-147-071024	24-5353-147-071024	24-250-484-200924
		15 Aug 2024	15 Aug 2024	15 Aug 2024	15 Aug 2024	16 Aug 2024	16 Aug 2024	16 Aug 2024
Metals								
Arsenic	mg/kg	---	---	---	---	---	---	---
Boron	mg/kg	---	---	---	---	---	---	---
Cadmium	mg/kg	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	mg/kg	---	---	---	---	---	---	---
Chromium	mg/kg	---	---	---	---	---	---	---
Chromium (Trivalent)	mg/kg	---	---	---	---	---	---	---
Copper	mg/kg	---	---	---	---	---	---	---
Lead	mg/kg	---	---	---	---	---	---	---
Mercury	mg/kg	---	---	---	---	---	---	---
Nickel	mg/kg	---	---	---	---	---	---	---
Vanadium	mg/kg	---	---	---	---	---	---	---
Zinc	mg/kg	---	---	---	---	---	---	---
Asbestos								
Asbestos Quantification - Detailed Gravimetric	%	---	---	---	---	---	---	---
Asbestos:Anthrophyllite	No units	---	---	---	---	---	---	---
Asbestos Analysts Comments	-	---	---	---	---	---	---	---
Asbestos Quantification Total	%	---	---	---	---	---	---	---
Asbestos: Actinolite	Detect	---	---	---	---	---	---	---
Additional Asbestos Components (Using TM048)	Comment	---	---	---	---	---	---	---
Crocidolite Asbestos	Detect	---	---	---	---	---	---	---
Asbestos Gravimetric Quantification	%	---	---	---	---	---	---	---
Chrysotile Asbestos	Detect	---	---	---	---	---	---	---
Amosite Asbestos	Detect	---	---	---	---	---	---	---
Non-Asbestos Fibre	Detect	---	---	---	---	---	---	---
Tremolite	Detect	---	---	---	---	---	---	---
Inorganics								
Cyanide (Free) (filtered)	mg/kg	---	---	---	---	---	---	---
Cyanide Total (filtered)	mg/kg	---	---	---	---	---	---	---
Sulphate	mg/kg	---	---	---	---	---	---	---
Sulphate (filtered)	g/l	---	---	---	---	---	---	---
Sulphate (Soluble) (filtered)	g/l	---	---	---	---	---	---	---
Sulphur as S	%	---	---	---	---	---	---	---
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---	---	---	---	---
PAH								
Naphthalene	mg/kg	---	---	---	---	---	---	---
Acenaphthene	mg/kg	---	---	---	---	---	---	---
Acenaphthylene	mg/kg	---	---	---	---	---	---	---
Fluoranthene	mg/kg	---	---	---	---	---	---	---
Anthracene	mg/kg	---	---	---	---	---	---	---
Phenanthrene	mg/kg	---	---	---	---	---	---	---
Fluorene	mg/kg	---	---	---	---	---	---	---
Chrysene	mg/kg	---	---	---	---	---	---	---
Pyrene	mg/kg	---	---	---	---	---	---	---
Benzo(a)anthracene	mg/kg	---	---	---	---	---	---	---
Benzo(b)fluoranthene	mg/kg	---	---	---	---	---	---	---
Benzo(k)fluoranthene	mg/kg	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	---	---	---	---	---	---	---
Dibenz(a,h)anthracene	mg/kg	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	---	---	---	---
PAH 16 Total	mg/kg	---	---	---	---	---	---	---
TPH CWG								
>C5-C6 Aliphatics	mg/kg	---	---	<0.1	---	---	---	---
>C6-C8 Aliphatics	mg/kg	---	---	<0.1	---	---	---	---
>C8-C10 Aliphatics	mg/kg	---	---	<0.1	---	---	---	---
>C5-C10 Aliphatics	mg/kg	---	---	---	---	---	---	---
>C10-C12 Aliphatics	mg/kg	---	---	<1	---	---	---	---
>C12-C16 Aliphatics	mg/kg	---	---	<20	---	---	---	---
>C16-C21 Aliphatics	mg/kg	---	---	<35	---	---	---	---
>C21-C35 Aliphatics	mg/kg	---	---	<35	---	---	---	---
>C35-C44 Aliphatics	mg/kg	---	---	---	---	---	---	---
>C35-C40 Aliphatics	mg/kg	---	---	<35	---	---	---	---
>C10-C40 Aliphatics	mg/kg	---	---	---	---	---	---	---
Total Aliphatics >C5-C40	mg/kg	---	---	<130	---	---	---	---
>EC5-EC10 Aromatics	mg/kg	---	---	---	---	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	---	<0.1	---	---	---	---
>EC7-EC8 Aromatics	mg/kg	---	---	<0.1	---	---	---	---
>EC8-EC10 Aromatics	mg/kg	---	---	<0.1	---	---	---	---

Concrete Soil

Matrix Description		Concrete	Concrete	Concrete
Location Code		LWW-SP751-S1	LWW-SP752-S1	LWW-SP752-S1
Matrix Type		Soil	Soil	Soil
Lab Report Number		24-5353-147-071024	24-250-485-030924	24-5353-122-100924
Date		16 Aug 2024	19 Aug 2024	19 Aug 2024
Depth				
	Unit			
Metals				
Arsenic	mg/kg	---	---	---
Boron	mg/kg	---	---	---
Cadmium	mg/kg	---	---	---
Chromium (hexavalent) (filtered)	mg/kg	---	---	---
Chromium	mg/kg	---	---	---
Chromium (Trivalent)	mg/kg	---	---	---
Copper	mg/kg	---	---	---
Lead	mg/kg	---	---	---
Mercury	mg/kg	---	---	---
Nickel	mg/kg	---	---	---
Vanadium	mg/kg	---	---	---
Zinc	mg/kg	---	---	---
Asbestos				
Asbestos Quantification - Detailed Gravimetric	%	---	---	---
Asbestos:Anthrophyllite	No units	---	---	---
Asbestos Analysts Comments	-	---	---	---
Asbestos Quantification Total	%	---	---	---
Asbestos: Actinolite	Detect	---	---	---
Additional Asbestos Components (Using TM048)	Comment	---	---	---
Crocidolite Asbestos	Detect	---	---	---
Asbestos Gravimetric Quantification	%	---	---	---
Chrysotile Asbestos	Detect	---	---	---
Amosite Asbestos	Detect	---	---	---
Non-Asbestos Fibre	Detect	---	---	---
Tremolite	Detect	---	---	---
Inorganics				
Cyanide (Free) (filtered)	mg/kg	---	---	---
Cyanide Total (filtered)	mg/kg	---	---	---
Sulphate	mg/kg	---	---	---
Sulphate (filtered)	g/l	---	---	---
Sulphate (Soluble) (filtered)	g/l	---	---	---
Sulphur as S	%	---	---	---
Thiocyanate (as SCN) (filtered)	mg/kg	---	---	---
PAH				
Naphthalene	mg/kg	---	---	---
Acenaphthene	mg/kg	---	---	---
Acenaphthylene	mg/kg	---	---	---
Fluoranthene	mg/kg	---	---	---
Anthracene	mg/kg	---	---	---
Phenanthrene	mg/kg	---	---	---
Fluorene	mg/kg	---	---	---
Chrysene	mg/kg	---	---	---
Pyrene	mg/kg	---	---	---
Benzo(a)anthracene	mg/kg	---	---	---
Benzo(b)fluoranthene	mg/kg	---	---	---
Benzo(k)fluoranthene	mg/kg	---	---	---
Benzo(a)pyrene	mg/kg	---	---	---
Dibenz(a,h)anthracene	mg/kg	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---
PAH 16 Total	mg/kg	---	---	---
TPH CWG				
>C5-C6 Aliphatics	mg/kg	---	---	<0.1
>C6-C8 Aliphatics	mg/kg	---	---	<0.1
>C8-C10 Aliphatics	mg/kg	---	---	<0.1
>C5-C10 Aliphatics	mg/kg	---	---	---
>C10-C12 Aliphatics	mg/kg	---	---	<1
>C12-C16 Aliphatics	mg/kg	---	---	<20
>C16-C21 Aliphatics	mg/kg	---	---	<35
>C21-C35 Aliphatics	mg/kg	---	---	<35
>C35-C44 Aliphatics	mg/kg	---	---	---
>C35-C40 Aliphatics	mg/kg	---	---	<35
>C10-C40 Aliphatics	mg/kg	---	---	---
Total Aliphatics >C5-C40	mg/kg	---	---	<130
>EC5-EC10 Aromatics	mg/kg	---	---	---
>EC5-EC7 Aromatics	mg/kg	---	---	<0.1
>EC7-EC8 Aromatics	mg/kg	---	---	<0.1
>EC8-EC10 Aromatics	mg/kg	---	---	<0.1



Concrete Soil

Matrix Description		Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Location Code		FOU-SP601-S5	FOU-SP601-S14	FOU-SP601-S14	FOU-SP601-S15	FOU-SP601-S15	FOU-SP601-S17	FOU-SP601-S17	FOU-SP601-S18	FOU-SP601-S18	FOU-SP601-S21
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		744142	744142	744142	744142	744142	744142	744142	744142	744142	744142
Date		24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024
Depth											
	Unit										
>EC10-EC12 Aromatics	mg/kg	---	<1	---	1.23	---	<1	---	<1	---	3.04
>EC12-EC16 Aromatics	mg/kg	---	14.6	---	13.9	---	7.32	---	3.69	---	32.4
>EC16-EC21 Aromatics	mg/kg	---	157	---	50.5	---	25.2	---	19.1	---	220
>EC21-EC35 Aromatics	mg/kg	---	370	---	332	---	80.9	---	97.5	---	474
>EC10-EC44 Aromatics	mg/kg	---	603	---	515	---	133	---	146	---	813
>EC35-EC44 Aromatics	mg/kg	---	60.6	---	118	---	19.4	---	25.5	---	84.3
>EC35-EC40 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC40-EC44 Aromatics	mg/kg	---	11.4	---	32	---	3.25	---	5.04	---	17.1
Total Aromatics >EC5-EC40	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	666	---	658	---	177	---	183	---	905
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	666	---	658	---	177	---	183	---	905
TPH											
TPH >C6-C40	mg/kg	264	---	734	---	411	---	213	---	138	---
TPH (C5-C10)	mg/kg	---	0.269	---	<0.02	---	<0.02	---	<0.02	---	<0.02
GRO TOT (C5-C10) Moisture Corrected	mg/kg	---	0.269	---	<0.02	---	<0.02	---	<0.02	---	<0.02
TPH C6-40	mg/kg	264	---	734	---	411	---	213	---	138	---
BTEX											
Benzene	mg/kg	---	<0.02	---	<0.02	---	<0.02	---	<0.02	---	<0.02
Toluene	mg/kg	---	<0.02	---	<0.02	---	<0.02	---	<0.02	---	<0.02
Ethylbenzene	mg/kg	---	<0.02	---	<0.02	---	<0.02	---	<0.02	---	<0.02
Xylene (m & p)	mg/kg	---	<0.04	---	<0.04	---	<0.04	---	<0.04	---	<0.04
Xylene (o)	mg/kg	---	<0.04	---	<0.04	---	<0.04	---	<0.04	---	<0.04
Xylene Total	mg/kg	---	<0.4	---	<0.4	---	<0.4	---	<0.4	---	<0.4
Total BTEX	mg/kg	---	<0.14	---	<0.14	---	<0.14	---	<0.14	---	<0.14
VOC											
Styrene	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
MTBE	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---



Concrete Soil

Matrix Description		Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Location Code		FOU-SP601-S21	FOU-SP603-S4	FOU-SP603-S4	FOU-SP603-S12	FOU-SP603-S12	FOU-SP603-S13	FOU-SP603-S13	FOU-SP714-S4	FOU-SP714-S4
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		744142	744142	744142	744142	744142	744142	744142	743847	743847
Date		24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	28 Aug 2024	28 Aug 2024
Depth									0 - 0	0 - 0
	Unit									
>EC10-EC12 Aromatics	mg/kg	---	5.16	---	1.36	---	1.19	---	<1	---
>EC12-EC16 Aromatics	mg/kg	---	43	---	11.7	---	11.9	---	3.16	---
>EC16-EC21 Aromatics	mg/kg	---	216	---	40.8	---	51.6	---	7.49	---
>EC21-EC35 Aromatics	mg/kg	---	365	---	179	---	158	---	35.8	---
>EC10-EC44 Aromatics	mg/kg	---	701	---	249	---	240	---	48.7	---
>EC35-EC44 Aromatics	mg/kg	---	72	---	16	---	18	---	1.62	---
>EC35-EC40 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
>EC40-EC44 Aromatics	mg/kg	---	12.4	---	6.44	---	5.98	---	<1	---
Total Aromatics >EC5-EC40	mg/kg	---	---	---	---	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	764	---	575	---	486	---	154	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	764	---	575	---	486	---	154	---
TPH										
TPH >C6-C40	mg/kg	495	---	220	---	369	---	507	---	---
TPH (C5-C10)	mg/kg	---	0.0566	---	<0.02	---	<0.02	---	<0.02	---
GRO TOT (C5-C10) Moisture Corrected	mg/kg	---	0.0566	---	<0.02	---	<0.02	---	<0.02	---
TPH C6-40	mg/kg	495	---	220	---	369	---	507	---	---
BTEX										
Benzene	mg/kg	---	<0.02	---	<0.02	---	<0.02	---	<0.001	---
Toluene	mg/kg	---	<0.02	---	<0.02	---	<0.02	---	0.00175	---
Ethylbenzene	mg/kg	---	<0.02	---	<0.02	---	<0.02	---	<0.001	---
Xylene (m & p)	mg/kg	---	<0.04	---	<0.04	---	<0.04	---	<0.002	---
Xylene (o)	mg/kg	---	<0.04	---	<0.04	---	<0.04	---	<0.002	---
Xylene Total	mg/kg	---	<0.4	---	<0.4	---	<0.4	---	<0.02	---
Total BTEX	mg/kg	---	<0.14	---	<0.14	---	<0.14	---	<0.007	---
VOC										
Styrene	mg/kg	---	---	---	---	---	---	---	<0.002	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	<0.0005	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---	<0.001	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	<0.001	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---	<0.0005	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---	<0.002	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---	<0.001	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---	<0.0005	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---	<0.0005	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---	<0.0005	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---	<0.002	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	<0.003	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---	<0.002	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---	<0.001	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---	<0.001	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	<0.0005	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---	<0.002	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---	<0.001	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---	<0.001	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---	<0.003	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---	<0.003	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---	<0.002	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---	<0.002	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---	<0.002	---
Bromoform	mg/kg	---	---	---	---	---	---	---	<0.002	---
Bromomethane	mg/kg	---	---	---	---	---	---	---	<0.001	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---	0.0418	---
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---	<0.0005	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---	<0.002	---
Chloroethane	mg/kg	---	---	---	---	---	---	---	<0.001	---
Chloroform	mg/kg	---	---	---	---	---	---	---	<0.003	---
Chloromethane	mg/kg	---	---	---	---	---	---	---	<0.002	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	<0.0005	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---	<0.001	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---	<0.0005	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---	<0.005	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---	<0.002	---
MTBE	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.0005	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---	<0.003	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---	<0.002	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---	<0.002	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---	<0.001	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---	<0.001	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---	<0.002	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---	<0.002	---



Concrete Soil

Matrix Description		Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Location Code		FOU-SP714-S5	FOU-SP714-S5	FOU-SP714-S5	FOU-SP714-S6	FOU-SP714-S6	FOU-SP714-S6	FOU-SP714-S6	FOU-SP720-S1	FOU-SP720-S1	FOU-SP720-S3
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		743847	743847	743847	743847	743847	743847	743847	735543	735543	735543
Date		28 Aug 2024	28 Aug 2024	28 Aug 2024	28 Aug 2024	28 Aug 2024	28 Aug 2024	28 Aug 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024
Depth		0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
	Unit										
>EC10-EC12 Aromatics	mg/kg	<1	---	---	<1	---	---	<1	---	<1	---
>EC12-EC16 Aromatics	mg/kg	<1	---	---	<1	---	---	<1	---	<1	---
>EC16-EC21 Aromatics	mg/kg	<1	---	---	4.62	---	---	<1	---	<1	---
>EC21-EC35 Aromatics	mg/kg	2.75	---	---	5.2	---	---	11.2	---	16.8	---
>EC10-EC44 Aromatics	mg/kg	<5	---	---	11	---	---	13.1	---	19.1	---
>EC35-EC44 Aromatics	mg/kg	<1	---	---	<1	---	---	<1	---	1.53	---
>EC35-EC40 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC40-EC44 Aromatics	mg/kg	<1	---	---	<1	---	---	<1	---	1.01	---
Total Aromatics >EC5-EC40	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	24.2	---	---	38.5	---	---	64.7	---	67.8	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	20	---	---	38.5	---	---	64.8	---	67.8	---
TPH											
TPH >C6-C40	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH (C5-C10)	mg/kg	<0.02	---	---	<0.02	---	---	<0.02	---	<0.02	---
GRO TOT (C5-C10) Moisture Corrected	mg/kg	<0.02	---	---	<0.02	---	---	<0.02	---	<0.02	---
TPH C6-40	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX											
Benzene	mg/kg	<0.02	---	---	<0.01	---	---	<0.001	---	<0.001	---
Toluene	mg/kg	<0.02	---	---	0.0126	---	---	0.00108	---	0.00154	---
Ethylbenzene	mg/kg	<0.02	---	---	<0.01	---	---	<0.001	---	<0.001	---
Xylene (m & p)	mg/kg	<0.04	---	---	<0.02	---	---	<0.002	---	<0.002	---
Xylene (o)	mg/kg	<0.04	---	---	<0.02	---	---	<0.002	---	<0.002	---
Xylene Total	mg/kg	<0.4	---	---	<0.2	---	---	<0.02	---	<0.02	---
Total BTEX	mg/kg	<0.14	---	---	<0.07	---	---	<0.007	---	<0.007	---
VOC											
Styrene	mg/kg	<0.04	---	---	<0.02	---	---	<0.002	---	<0.002	---
cis-1,3-dichloropropene	mg/kg	<0.01	---	---	<0.005	---	---	<0.0005	---	<0.0005	---
trans-1,3-dichloropropene	mg/kg	<0.02	---	---	<0.01	---	---	<0.001	---	<0.001	---
1,1,1,2-tetrachloroethane	mg/kg	<0.02	---	---	<0.01	---	---	<0.001	---	<0.001	---
1,1,1-trichloroethane	mg/kg	<0.01	---	---	<0.005	---	---	<0.0005	---	<0.0005	---
1,1,2,2-tetrachloroethane	mg/kg	<0.04	---	---	<0.02	---	---	<0.002	---	<0.002	---
1,1,2-trichloroethane	mg/kg	<0.02	---	---	<0.01	---	---	<0.001	---	<0.001	---
1,1-dichloroethane	mg/kg	<0.01	---	---	<0.005	---	---	<0.0005	---	<0.0005	---
1,1-dichloroethene	mg/kg	<0.01	---	---	<0.005	---	---	<0.0005	---	<0.0005	---
1,1-dichloropropene	mg/kg	<0.01	---	---	<0.005	---	---	<0.0005	---	<0.0005	---
1,2,3-trichloropropane	mg/kg	<0.04	---	---	<0.02	---	---	<0.002	---	<0.002	---
1,2,4-trimethylbenzene	mg/kg	<0.06	---	---	<0.03	---	---	<0.003	---	<0.003	---
1,2-dibromo-3-chloropropane	mg/kg	<0.04	---	---	<0.02	---	---	<0.002	---	<0.002	---
1,2-dibromoethane	mg/kg	<0.02	---	---	<0.01	---	---	<0.001	---	<0.001	---
1,2-dichloroethane	mg/kg	<0.02	---	---	<0.01	---	---	<0.001	---	<0.001	---
1,2-dichloropropane	mg/kg	<0.01	---	---	<0.005	---	---	<0.0005	---	<0.0005	---
1,3,5-trimethylbenzene	mg/kg	<0.04	---	---	<0.02	---	---	<0.002	---	<0.002	---
1,3-dichloropropane	mg/kg	<0.02	---	---	<0.01	---	---	<0.001	---	<0.001	---
2,2-dichloropropane	mg/kg	<0.02	---	---	<0.01	---	---	<0.001	---	<0.001	---
2-chlorotoluene	mg/kg	<0.06	---	---	<0.03	---	---	<0.003	---	<0.003	---
4-chlorotoluene	mg/kg	<0.06	---	---	<0.03	---	---	<0.003	---	<0.003	---
Bromobenzene	mg/kg	<0.04	---	---	<0.02	---	---	<0.002	---	<0.002	---
Bromochloromethane	mg/kg	<0.04	---	---	<0.02	---	---	<0.002	---	<0.002	---
Bromodichloromethane	mg/kg	<0.04	---	---	<0.02	---	---	<0.002	---	<0.002	---
Bromoform	mg/kg	<0.04	---	---	<0.02	---	---	<0.002	---	<0.002	---
Bromomethane	mg/kg	<0.02	---	---	<0.01	---	---	<0.001	---	<0.001	---
Carbon disulfide	mg/kg	0.0844	---	---	0.115	---	---	0.0212	---	0.0161	---
Carbon tetrachloride	mg/kg	<0.01	---	---	<0.005	---	---	<0.0005	---	<0.0005	---
Chlorodibromomethane	mg/kg	<0.04	---	---	<0.02	---	---	<0.002	---	<0.002	---
Chloroethane	mg/kg	<0.02	---	---	<0.01	---	---	<0.001	---	<0.001	---
Chloroform	mg/kg	<0.06	---	---	<0.03	---	---	<0.003	---	<0.003	---
Chloromethane	mg/kg	<0.04	---	---	<0.02	---	---	<0.002	---	<0.002	---
cis-1,2-dichloroethene	mg/kg	<0.01	---	---	<0.005	---	---	<0.0005	---	<0.0005	---
Dibromomethane	mg/kg	<0.02	---	---	<0.01	---	---	<0.001	---	<0.001	---
Dichlorodifluoromethane	mg/kg	<0.01	---	---	<0.005	---	---	<0.0005	---	<0.0005	---
Dichloromethane	mg/kg	<0.1	---	---	<0.05	---	---	<0.015	---	<0.015	---
Isopropylbenzene	mg/kg	<0.04	---	---	<0.02	---	---	<0.002	---	<0.002	---
MTBE	mg/kg	<0.01	---	---	<0.005	---	---	<0.0005	---	<0.0005	---
n-butylbenzene	mg/kg	<0.06	---	---	<0.03	---	---	<0.003	---	<0.003	---
n-propylbenzene	mg/kg	<0.04	---	---	<0.02	---	---	<0.002	---	<0.002	---
p-isopropyltoluene	mg/kg	<0.04	---	---	<0.02	---	---	<0.002	---	<0.002	---
sec-butylbenzene	mg/kg	<0.02	---	---	<0.01	---	---	<0.001	---	<0.001	---
Trichloroethene	mg/kg	<0.02	---	---	<0.01	---	---	<0.001	---	<0.001	---
tert-butylbenzene	mg/kg	<0.04	---	---	<0.02	---	---	<0.002	---	<0.002	---
Tetrachloroethene	mg/kg	<0.04	---	---	<0.02	---	---	<0.002	---	<0.002	---



Concrete Soil

Matrix Description		Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Location Code		FOU-SP721-S1	FOU-SP721-S1	FOU-SP721-S2	FOU-SP721-S2	FOU-SP721-S3	FOU-SP721-S3	FOU-SP722-S2	FOU-SP722-S2	FOU-SP722-S3	FOU-SP722-S3
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		735543	735543	735543	735543	735543	735543	735543	735543	735543	735543
Date		15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024
Depth		0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
	Unit										
>EC10-EC12 Aromatics	mg/kg	<1	---	<1	---	<1	---	<1	---	<1	---
>EC12-EC16 Aromatics	mg/kg	<1	---	<1	---	<1	---	<1	---	<1	---
>EC16-EC21 Aromatics	mg/kg	<1	---	<1	---	<1	---	<1	---	<1	---
>EC21-EC35 Aromatics	mg/kg	21.4	---	30.3	---	17.5	---	4.93	---	<1	---
>EC10-EC44 Aromatics	mg/kg	25.1	---	33.4	---	21.3	---	6.3	---	<5	---
>EC35-EC44 Aromatics	mg/kg	2.96	---	1.9	---	2.99	---	<1	---	<1	---
>EC35-EC40 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC40-EC44 Aromatics	mg/kg	1.46	---	1.13	---	1.73	---	<1	---	<1	---
Total Aromatics >EC5-EC40	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	124	---	115	---	119	---	26.6	---	12.2	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	124	---	115	---	119	---	26.6	---	10.4	---
TPH											
TPH >C6-C40	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH (C5-C10)	mg/kg	<0.02	---	<0.02	---	<0.02	---	<0.02	---	<0.02	---
GRO TOT (C5-C10) Moisture Corrected	mg/kg	<0.02	---	<0.02	---	<0.02	---	<0.02	---	<0.02	---
TPH C6-40	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX											
Benzene	mg/kg	0.00158	---	0.00103	---	0.00144	---	0.00125	---	0.00124	---
Toluene	mg/kg	0.0028	---	0.00217	---	0.00241	---	0.00217	---	0.00153	---
Ethylbenzene	mg/kg	<0.001	---	<0.001	---	<0.001	---	<0.001	---	<0.001	---
Xylene (m & p)	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
Xylene (o)	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
Xylene Total	mg/kg	<0.02	---	<0.02	---	<0.02	---	<0.02	---	<0.02	---
Total BTEX	mg/kg	<0.007	---	<0.007	---	<0.007	---	<0.007	---	<0.007	---
VOC											
Styrene	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
cis-1,3-dichloropropene	mg/kg	<0.0005	---	<0.0005	---	<0.0005	---	<0.0005	---	<0.0005	---
trans-1,3-dichloropropene	mg/kg	<0.001	---	<0.001	---	<0.001	---	<0.001	---	<0.001	---
1,1,1,2-tetrachloroethane	mg/kg	<0.001	---	<0.001	---	<0.001	---	<0.001	---	<0.001	---
1,1,1-trichloroethane	mg/kg	<0.0005	---	<0.0005	---	<0.0005	---	<0.0005	---	<0.0005	---
1,1,2,2-tetrachloroethane	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
1,1,2-trichloroethane	mg/kg	<0.001	---	<0.001	---	<0.001	---	<0.001	---	<0.001	---
1,1-dichloroethane	mg/kg	<0.0005	---	<0.0005	---	<0.0005	---	<0.0005	---	<0.0005	---
1,1-dichloroethene	mg/kg	<0.0005	---	<0.0005	---	<0.0005	---	<0.0005	---	<0.0005	---
1,1-dichloropropene	mg/kg	<0.0005	---	<0.0005	---	<0.0005	---	<0.0005	---	<0.0005	---
1,2,3-trichloropropane	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
1,2,4-trimethylbenzene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
1,2-dibromo-3-chloropropane	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
1,2-dibromoethane	mg/kg	<0.001	---	<0.001	---	<0.001	---	<0.001	---	<0.001	---
1,2-dichloroethane	mg/kg	<0.001	---	<0.001	---	<0.001	---	<0.001	---	<0.001	---
1,2-dichloropropane	mg/kg	<0.0005	---	<0.0005	---	<0.0005	---	<0.0005	---	<0.0005	---
1,3,5-trimethylbenzene	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
1,3-dichloropropane	mg/kg	<0.001	---	<0.001	---	<0.001	---	<0.001	---	<0.001	---
2,2-dichloropropane	mg/kg	<0.001	---	<0.001	---	<0.001	---	<0.001	---	<0.001	---
2-chlorotoluene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
4-chlorotoluene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Bromobenzene	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
Bromochloromethane	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
Bromodichloromethane	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
Bromoform	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
Bromomethane	mg/kg	<0.001	---	<0.001	---	<0.001	---	<0.001	---	<0.001	---
Carbon disulfide	mg/kg	0.0679	---	0.0391	---	0.0535	---	0.0263	---	0.0271	---
Carbon tetrachloride	mg/kg	<0.0005	---	<0.0005	---	<0.0005	---	<0.0005	---	<0.0005	---
Chlorodibromomethane	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
Chloroethane	mg/kg	<0.001	---	<0.001	---	<0.001	---	<0.001	---	<0.001	---
Chloroform	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Chloromethane	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
cis-1,2-dichloroethene	mg/kg	<0.0005	---	<0.0005	---	<0.0005	---	<0.0005	---	<0.0005	---
Dibromomethane	mg/kg	<0.001	---	<0.001	---	<0.001	---	<0.001	---	<0.001	---
Dichlorodifluoromethane	mg/kg	<0.0005	---	<0.0005	---	<0.0005	---	<0.0005	---	<0.0005	---
Dichloromethane	mg/kg	<0.011	---	<0.011	---	<0.01	---	<0.008	---	<0.009	---
Isopropylbenzene	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
MTBE	mg/kg	<0.0005	---	<0.0005	---	<0.0005	---	<0.0005	---	<0.0005	---
n-butylbenzene	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
n-propylbenzene	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
p-isopropyltoluene	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
sec-butylbenzene	mg/kg	<0.001	---	<0.001	---	<0.001	---	<0.001	---	<0.001	---
Trichloroethene	mg/kg	<0.001	---	<0.001	---	<0.001	---	<0.001	---	<0.001	---
tert-butylbenzene	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
Tetrachloroethene	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---



Concrete Soil

Matrix Description		Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Location Code		FOU-SP724-S2	FOU-SP724-S2	FOU-SP724-S3	FOU-SP724-S3	FOU-SP724-S3	FOU-SP725-S1	FOU-SP725-S1	FOU-SP725-S3	FOU-SP725-S3	LWW-SP746-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		741639	741639	741639	741639	741639	741639	741639	741639	741639	24-5353-147-071024
Date		27 Aug 2024	27 Aug 2024	27 Aug 2024	27 Aug 2024	27 Aug 2024	27 Aug 2024	27 Aug 2024	27 Aug 2024	27 Aug 2024	15 Aug 2024
Depth		0 - 0	0 - 0	0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	
	Unit										
>EC10-EC12 Aromatics	mg/kg	<1	---	---	<1	---	<1	---	<1	---	---
>EC12-EC16 Aromatics	mg/kg	6.15	---	---	<1	---	<1	---	4.74	---	---
>EC16-EC21 Aromatics	mg/kg	3.09	---	---	<1	---	2.24	---	3.37	---	---
>EC21-EC35 Aromatics	mg/kg	40.6	---	---	20.4	---	17.3	---	26.2	---	---
>EC10-EC44 Aromatics	mg/kg	51.1	---	---	23.7	---	21.2	---	35.3	---	---
>EC35-EC44 Aromatics	mg/kg	1.17	---	---	1.48	---	1.36	---	<1	---	---
>EC35-EC40 Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
>EC40-EC44 Aromatics	mg/kg	<1	---	---	<1	---	<1	---	<1	---	---
Total Aromatics >EC5-EC40	mg/kg	---	---	---	---	---	---	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	605	---	---	379	---	177	---	451	---	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	605	---	---	379	---	177	---	451	---	---
TPH											
TPH >C6-C40	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH (C5-C10)	mg/kg	0.332	---	---	0.123	---	0.109	---	0.101	---	---
GRO TOT (C5-C10) Moisture Corrected	mg/kg	---	---	---	---	---	---	---	---	---	---
TPH C6-40	mg/kg	---	---	---	---	---	---	---	---	---	---
BTEX											
Benzene	mg/kg	<0.02	---	---	<0.02	---	<0.02	---	<0.001	---	---
Toluene	mg/kg	<0.02	---	---	0.0244	---	<0.02	---	0.00129	---	---
Ethylbenzene	mg/kg	<0.02	---	---	<0.02	---	<0.02	---	<0.001	---	---
Xylene (m & p)	mg/kg	<0.04	---	---	<0.04	---	<0.04	---	<0.002	---	---
Xylene (o)	mg/kg	<0.04	---	---	<0.04	---	<0.04	---	<0.002	---	---
Xylene Total	mg/kg	<0.4	---	---	<0.4	---	<0.4	---	<0.02	---	---
Total BTEX	mg/kg	<0.14	---	---	<0.14	---	<0.14	---	<0.007	---	---
VOC											
Styrene	mg/kg	<0.04	---	---	<0.04	---	<0.04	---	<0.002	---	---
cis-1,3-dichloropropene	mg/kg	<0.01	---	---	<0.01	---	<0.01	---	<0.0005	---	---
trans-1,3-dichloropropene	mg/kg	<0.02	---	---	<0.02	---	<0.02	---	<0.001	---	---
1,1,1,2-tetrachloroethane	mg/kg	<0.02	---	---	<0.02	---	<0.02	---	<0.001	---	---
1,1,1-trichloroethane	mg/kg	<0.01	---	---	<0.01	---	<0.01	---	<0.0005	---	---
1,1,2,2-tetrachloroethane	mg/kg	<0.04	---	---	<0.04	---	<0.04	---	<0.002	---	---
1,1,2-trichloroethane	mg/kg	<0.02	---	---	<0.02	---	<0.02	---	<0.001	---	---
1,1-dichloroethane	mg/kg	<0.01	---	---	<0.01	---	<0.01	---	<0.0005	---	---
1,1-dichloroethene	mg/kg	<0.01	---	---	<0.01	---	<0.01	---	<0.0005	---	---
1,1-dichloropropene	mg/kg	<0.01	---	---	<0.01	---	<0.01	---	<0.0005	---	---
1,2,3-trichloropropane	mg/kg	<0.04	---	---	<0.04	---	<0.04	---	<0.002	---	---
1,2,4-trimethylbenzene	mg/kg	<0.06	---	---	<0.06	---	<0.06	---	<0.003	---	---
1,2-dibromo-3-chloropropane	mg/kg	<0.04	---	---	<0.04	---	<0.04	---	<0.002	---	---
1,2-dibromoethane	mg/kg	<0.02	---	---	<0.02	---	<0.02	---	<0.001	---	---
1,2-dichloroethane	mg/kg	<0.02	---	---	<0.02	---	<0.02	---	<0.001	---	---
1,2-dichloropropane	mg/kg	<0.01	---	---	<0.01	---	<0.01	---	<0.0005	---	---
1,3,5-trimethylbenzene	mg/kg	<0.04	---	---	<0.04	---	<0.04	---	<0.002	---	---
1,3-dichloropropane	mg/kg	<0.02	---	---	<0.02	---	<0.02	---	<0.001	---	---
2,2-dichloropropane	mg/kg	<0.02	---	---	<0.02	---	<0.02	---	<0.001	---	---
2-chlorotoluene	mg/kg	<0.06	---	---	<0.06	---	<0.06	---	<0.003	---	---
4-chlorotoluene	mg/kg	<0.06	---	---	<0.06	---	<0.06	---	<0.003	---	---
Bromobenzene	mg/kg	<0.04	---	---	<0.04	---	<0.04	---	<0.002	---	---
Bromochloromethane	mg/kg	<0.04	---	---	<0.04	---	<0.04	---	<0.002	---	---
Bromodichloromethane	mg/kg	<0.04	---	---	<0.04	---	<0.04	---	<0.002	---	---
Bromoform	mg/kg	<0.04	---	---	<0.04	---	<0.04	---	<0.002	---	---
Bromomethane	mg/kg	<0.02	---	---	<0.02	---	<0.02	---	<0.001	---	---
Carbon disulfide	mg/kg	0.105	---	---	0.253	---	0.18	---	0.0458	---	---
Carbon tetrachloride	mg/kg	<0.01	---	---	<0.01	---	<0.01	---	<0.0005	---	---
Chlorodibromomethane	mg/kg	<0.04	---	---	<0.04	---	<0.04	---	<0.002	---	---
Chloroethane	mg/kg	<0.02	---	---	<0.02	---	<0.02	---	<0.001	---	---
Chloroform	mg/kg	<0.06	---	---	<0.06	---	<0.06	---	<0.003	---	---
Chloromethane	mg/kg	<0.04	---	---	<0.04	---	<0.04	---	<0.002	---	---
cis-1,2-dichloroethene	mg/kg	<0.01	---	---	<0.01	---	<0.01	---	<0.0005	---	---
Dibromomethane	mg/kg	<0.02	---	---	<0.02	---	<0.02	---	<0.001	---	---
Dichlorodifluoromethane	mg/kg	<0.01	---	---	<0.01	---	<0.01	---	<0.0005	---	---
Dichloromethane	mg/kg	<0.1	---	---	<0.1	---	<0.1	---	<0.005	---	---
Isopropylbenzene	mg/kg	<0.04	---	---	<0.04	---	<0.04	---	<0.002	---	---
MTBE	mg/kg	<0.01	---	---	<0.01	---	<0.01	---	<0.0005	---	---
n-butylbenzene	mg/kg	<0.06	---	---	<0.06	---	<0.06	---	<0.003	---	---
n-propylbenzene	mg/kg	<0.04	---	---	<0.04	---	<0.04	---	<0.002	---	---
p-isopropyltoluene	mg/kg	<0.04	---	---	<0.04	---	<0.04	---	<0.002	---	---
sec-butylbenzene	mg/kg	<0.02	---	---	<0.02	---	<0.02	---	<0.001	---	---
Trichloroethene	mg/kg	<0.02	---	---	<0.02	---	<0.02	---	<0.001	---	---
tert-butylbenzene	mg/kg	<0.04	---	---	<0.04	---	<0.04	---	<0.002	---	---
Tetrachloroethene	mg/kg	<0.04	---	---	<0.04	---	<0.04	---	<0.002	---	---



Concrete Soil

Matrix Description		Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Location Code		LWW-SP747-S1	LWW-SP748-S1	LWW-SP748-S1	LWW-SP748-S1	LWW-SP749-S1	LWW-SP750-S1	LWW-SP751-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-5353-147-071024	24-250-484-200924	24-5353-139-230924	24-5353-147-071024	24-5353-147-071024	24-5353-147-071024	24-250-484-200924
Date		15 Aug 2024	15 Aug 2024	15 Aug 2024	15 Aug 2024	16 Aug 2024	16 Aug 2024	16 Aug 2024
Depth								
	Unit							
>EC10-EC12 Aromatics	mg/kg	---	---	<1	---	---	---	---
>EC12-EC16 Aromatics	mg/kg	---	---	<20	---	---	---	---
>EC16-EC21 Aromatics	mg/kg	---	---	<35	---	---	---	---
>EC21-EC35 Aromatics	mg/kg	---	---	<35	---	---	---	---
>EC10-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---
>EC35-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---
>EC35-EC40 Aromatics	mg/kg	---	---	<35	---	---	---	---
>EC40-EC44 Aromatics	mg/kg	---	---	---	---	---	---	---
Total Aromatics >EC5-EC40	mg/kg	---	---	<130	---	---	---	---
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	---	---	---	---	---	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	---	---	<260	---	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	---	---	---	---	---
TPH								
TPH >C6-C40	mg/kg	---	---	---	---	---	---	---
TPH (C5-C10)	mg/kg	---	---	---	---	---	---	---
GRO TOT (C5-C10) Moisture Corrected	mg/kg	---	---	---	---	---	---	---
TPH C6-40	mg/kg	---	---	---	---	---	---	---
BTEX								
Benzene	mg/kg	---	---	<0.005	---	---	---	---
Toluene	mg/kg	---	---	<0.005	---	---	---	---
Ethylbenzene	mg/kg	---	---	<0.005	---	---	---	---
Xylene (m & p)	mg/kg	---	---	<0.005	---	---	---	---
Xylene (o)	mg/kg	---	---	<0.005	---	---	---	---
Xylene Total	mg/kg	---	---	---	---	---	---	---
Total BTEX	mg/kg	---	---	---	---	---	---	---
VOC								
Styrene	mg/kg	---	---	---	---	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---	---	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---	---	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---	---	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---	---	---	---	---
1,1-dichloroethane	mg/kg	---	---	---	---	---	---	---
1,1-dichloroethene	mg/kg	---	---	---	---	---	---	---
1,1-dichloropropene	mg/kg	---	---	---	---	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---	---	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---	---	---	---	---
1,2-dibromoethane	mg/kg	---	---	---	---	---	---	---
1,2-dichloroethane	mg/kg	---	---	---	---	---	---	---
1,2-dichloropropane	mg/kg	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---	---	---	---	---
1,3-dichloropropane	mg/kg	---	---	---	---	---	---	---
2,2-dichloropropane	mg/kg	---	---	---	---	---	---	---
2-chlorotoluene	mg/kg	---	---	---	---	---	---	---
4-chlorotoluene	mg/kg	---	---	---	---	---	---	---
Bromobenzene	mg/kg	---	---	---	---	---	---	---
Bromochloromethane	mg/kg	---	---	---	---	---	---	---
Bromodichloromethane	mg/kg	---	---	---	---	---	---	---
Bromoform	mg/kg	---	---	---	---	---	---	---
Bromomethane	mg/kg	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	---	---	---	---	---	---	---
Carbon tetrachloride	mg/kg	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	---	---	---	---	---	---	---
Chloroethane	mg/kg	---	---	---	---	---	---	---
Chloroform	mg/kg	---	---	---	---	---	---	---
Chloromethane	mg/kg	---	---	---	---	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---
Dibromomethane	mg/kg	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---	---	---	---	---
Dichloromethane	mg/kg	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	---	---	---	---	---	---	---
MTBE	mg/kg	---	---	<0.005	---	---	---	---
n-butylbenzene	mg/kg	---	---	---	---	---	---	---
n-propylbenzene	mg/kg	---	---	---	---	---	---	---
p-isopropyltoluene	mg/kg	---	---	---	---	---	---	---
sec-butylbenzene	mg/kg	---	---	---	---	---	---	---
Trichloroethene	mg/kg	---	---	---	---	---	---	---
tert-butylbenzene	mg/kg	---	---	---	---	---	---	---
Tetrachloroethene	mg/kg	---	---	---	---	---	---	---

Concrete Soil

Matrix Description		Concrete	Concrete	Concrete
Location Code		LWW-SP751-S1	LWW-SP752-S1	LWW-SP752-S1
Matrix Type		Soil	Soil	Soil
Lab Report Number		24-5353-147-071024	24-250-485-030924	24-5353-122-100924
Date		16 Aug 2024	19 Aug 2024	19 Aug 2024
Depth				
	Unit			
>EC10-EC12 Aromatics	mg/kg	---	---	<1
>EC12-EC16 Aromatics	mg/kg	---	---	<20
>EC16-EC21 Aromatics	mg/kg	---	---	<35
>EC21-EC35 Aromatics	mg/kg	---	---	<35
>EC10-EC44 Aromatics	mg/kg	---	---	---
>EC35-EC44 Aromatics	mg/kg	---	---	---
>EC35-EC40 Aromatics	mg/kg	---	---	<35
>EC40-EC44 Aromatics	mg/kg	---	---	---
Total Aromatics >EC5-EC40	mg/kg	---	---	<130
Total Aliphatics & Aromatics >C10-C44	mg/kg	---	---	---
TPH >C5-C40 Aliphatics/Aromatics	mg/kg	---	---	<260
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	---
TPH				
TPH >C6-C40	mg/kg	---	---	---
TPH (C5-C10)	mg/kg	---	---	---
GRO TOT (C5-C10) Moisture Corrected	mg/kg	---	---	---
TPH C6-40	mg/kg	---	---	---
BTEX				
Benzene	mg/kg	---	---	<0.005
Toluene	mg/kg	---	---	<0.005
Ethylbenzene	mg/kg	---	---	<0.005
Xylene (m & p)	mg/kg	---	---	<0.005
Xylene (o)	mg/kg	---	---	<0.005
Xylene Total	mg/kg	---	---	---
Total BTEX	mg/kg	---	---	---
VOC				
Styrene	mg/kg	---	---	---
cis-1,3-dichloropropene	mg/kg	---	---	---
trans-1,3-dichloropropene	mg/kg	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	---
1,1,1-trichloroethane	mg/kg	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	---
1,1,2-trichloroethane	mg/kg	---	---	---
1,1-dichloroethane	mg/kg	---	---	---
1,1-dichloroethene	mg/kg	---	---	---
1,1-dichloropropene	mg/kg	---	---	---
1,2,3-trichloropropane	mg/kg	---	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	---
1,2-dibromoethane	mg/kg	---	---	---
1,2-dichloroethane	mg/kg	---	---	---
1,2-dichloropropane	mg/kg	---	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	---
1,3-dichloropropane	mg/kg	---	---	---
2,2-dichloropropane	mg/kg	---	---	---
2-chlorotoluene	mg/kg	---	---	---
4-chlorotoluene	mg/kg	---	---	---
Bromobenzene	mg/kg	---	---	---
Bromochloromethane	mg/kg	---	---	---
Bromodichloromethane	mg/kg	---	---	---
Bromoform	mg/kg	---	---	---
Bromomethane	mg/kg	---	---	---
Carbon disulfide	mg/kg	---	---	---
Carbon tetrachloride	mg/kg	---	---	---
Chlorodibromomethane	mg/kg	---	---	---
Chloroethane	mg/kg	---	---	---
Chloroform	mg/kg	---	---	---
Chloromethane	mg/kg	---	---	---
cis-1,2-dichloroethene	mg/kg	---	---	---
Dibromomethane	mg/kg	---	---	---
Dichlorodifluoromethane	mg/kg	---	---	---
Dichloromethane	mg/kg	---	---	---
Isopropylbenzene	mg/kg	---	---	---
MTBE	mg/kg	---	---	<0.005
n-butylbenzene	mg/kg	---	---	---
n-propylbenzene	mg/kg	---	---	---
p-isopropyltoluene	mg/kg	---	---	---
sec-butylbenzene	mg/kg	---	---	---
Trichloroethene	mg/kg	---	---	---
tert-butylbenzene	mg/kg	---	---	---
Tetrachloroethene	mg/kg	---	---	---



Concrete Soil

Matrix Description Location Code Matrix Type Lab Report Number Date Depth		Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
		FOU-SP601-S5	FOU-SP601-S14	FOU-SP601-S14	FOU-SP601-S15	FOU-SP601-S15	FOU-SP601-S17	FOU-SP601-S17	FOU-SP601-S18	FOU-SP601-S18	FOU-SP601-S21
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		744142	744142	744142	744142	744142	744142	744142	744142	744142	744142
		24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024
	Unit										
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	---	---	---
tert-Amyl methyl ether	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC											
catechol (o-dihydroxybenzene) (filtered)	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.05
2,3,5-Trimethylphenol (filtered)	mg/kg	---	<0.01	---	0.0555	---	<0.01	---	<0.01	---	<0.05
2-Isopropylphenol (filtered)	mg/kg	---	<0.015	---	<0.015	---	<0.015	---	<0.015	---	<0.075
PCB											
PCB 101	mg/kg	---	<0.015	---	<0.015	---	<0.015	---	<0.015	---	<0.015
PCB 138	mg/kg	---	<0.015	---	<0.015	---	<0.015	---	<0.015	---	<0.015
PCB 153	mg/kg	---	<0.015	---	<0.015	---	<0.015	---	<0.015	---	<0.015
PCB 180	mg/kg	---	<0.015	---	<0.015	---	<0.015	---	<0.015	---	<0.015
PCB 118	mg/kg	---	<0.015	---	<0.015	---	<0.015	---	<0.015	---	<0.015
PCB 52	mg/kg	---	<0.015	---	<0.015	---	<0.015	---	<0.015	---	<0.015
PCB 28	mg/kg	---	<0.015	---	<0.015	---	<0.015	---	<0.015	---	<0.015
Total PCB 7 Congeners	mg/kg	---	<0.105	---	<0.105	---	<0.105	---	<0.105	---	<0.105
Phenolics											
Total Phenols of 8 Speciated (filtered)	mg/kg	---	<0.13	---	<0.13	---	<0.13	---	<0.13	---	<0.65
Xylenols (filtered)	mg/kg	---	<0.015	---	<0.015	---	<0.015	---	<0.015	---	<0.075
1-naphthol (filtered)	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.05
Cresol Total (filtered)	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.05
Phenol (filtered)	mg/kg	---	<0.01	---	0.0111	---	<0.01	---	<0.01	---	<0.05
Resorcinol (m-dihydroxybenzene) (filtered)	mg/kg	---	<0.05	---	<0.05	---	<0.05	---	<0.05	---	<0.25
VOC TIC											
VOC TICs - Detect	Detect	---	---	---	---	---	---	---	---	---	---
VOC Tentatively Identified Compounds	mg/kg	---	---	---	---	---	---	---	---	---	---
Other											
Total Carbon	%	---	7.41	---	8.22	---	8.57	---	7.05	---	5.09
Natural Moisture Content	percent	---	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Loss on ignition	%	---	5.75	---	6.23	---	5.86	---	6.05	---	5.1
Moisture	%	6.1	11	6.3	9.6	6.5	7.5	8.4	7.1	7.3	9.5
Moisture Content 105C	%	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	---	11.1	---	10.9	---	10.1	---	9.83	---	9.97
Total Organic Carbon	%	---	5.06	---	2.67	---	4.24	---	6.57	---	3.14
Total Inorganic Carbon	mg/kg	---	23,500	---	55,500	---	43,300	---	4,800	---	19,500
Calorific Value											
Water Analytical	%	---	1.86	---	2.22	---	2.02	---	2.24	---	2.88
Water Gross	%	---	9.24	---	9.83	---	7.63	---	8.54	---	6.63
Water Total	%	---	10.9	---	11.8	---	9.5	---	10.6	---	9.31
Gross Calorific Value in Dry Matter	MJ/kg	---	0.71	---	0.9	---	<0.5	---	0.7	---	<0.5
Gross Calorific Value in Original	MJ/kg	---	0.63	---	0.8	---	<0.5	---	0.63	---	<0.5
Net Calorific Value in Dry Matter	MJ/kg	---	0.71	---	0.89	---	<0.5	---	0.72	---	<0.5
Net Calorific Value in Original	MJ/kg	---	<0.5	---	0.52	---	<0.5	---	<0.5	---	<0.5



Concrete Soil

Matrix Description		Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Location Code		FOU-SP601-S21	FOU-SP603-S4	FOU-SP603-S4	FOU-SP603-S12	FOU-SP603-S12	FOU-SP603-S13	FOU-SP603-S13	FOU-SP714-S4	FOU-SP714-S4	FOU-SP714-S4
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		744142	744142	744142	744142	744142	744142	744142	743847	743847	743847
Date		24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	28 Aug 2024	28 Aug 2024	28 Aug 2024
Depth									0 - 0	0 - 0	0 - 0
	Unit										
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---	<0.001	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---	<0.0005	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---	<0.0005	---	---
tert-Amyl methyl ether	mg/kg	---	---	---	---	---	---	---	<0.001	---	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	<0.01	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---	<0.007	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	<0.005	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	<0.005	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---	<0.005	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---	<0.002	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---	<0.004	---	---
SVOC											
catechol (o-dihydroxybenzene) (filtered)	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	---
2,3,5-Trimethylphenol (filtered)	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	---
2-Isopropylphenol (filtered)	mg/kg	---	<0.015	---	<0.015	---	<0.015	---	<0.015	---	---
PCB											
PCB 101	mg/kg	---	<0.015	---	<0.015	---	<0.015	---	<0.003	---	---
PCB 138	mg/kg	---	<0.015	---	<0.015	---	<0.015	---	<0.003	---	---
PCB 153	mg/kg	---	<0.015	---	<0.015	---	<0.015	---	<0.003	---	---
PCB 180	mg/kg	---	<0.015	---	<0.015	---	<0.015	---	<0.003	---	---
PCB 118	mg/kg	---	<0.015	---	<0.015	---	<0.015	---	<0.003	---	---
PCB 52	mg/kg	---	<0.015	---	<0.015	---	<0.015	---	<0.003	---	---
PCB 28	mg/kg	---	<0.015	---	<0.015	---	<0.015	---	<0.003	---	---
Total PCB 7 Congeners	mg/kg	---	<0.105	---	<0.105	---	<0.105	---	<0.021	---	---
Phenolics											
Total Phenols of 8 Speciated (filtered)	mg/kg	---	<0.13	---	<0.13	---	<0.13	---	0.203	---	---
Xylenols (filtered)	mg/kg	---	<0.015	---	<0.015	---	<0.015	---	0.0203	---	---
1-naphthol (filtered)	mg/kg	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---	---
Cresol Total (filtered)	mg/kg	---	<0.01	---	<0.01	---	0.011	---	0.101	---	---
Phenol (filtered)	mg/kg	---	<0.01	---	0.0109	---	0.011	---	0.081	---	---
Resorcinol (m-dihydroxybenzene) (filtered)	mg/kg	---	<0.05	---	<0.05	---	<0.05	---	<0.05	---	---
VOC TIC											
VOC TICs - Detect	Detect	---	---	---	---	---	---	---	0	---	---
VOC Tentatively Identified Compounds	mg/kg	---	---	---	---	---	---	---	<0.05	---	---
Other											
Total Carbon	%	---	11	---	8.6	---	7.55	---	2.85	---	---
Natural Moisture Content	percent	---	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	---	---	---	---	---	---	---	0.281	---	---
Loss on ignition	%	---	6.35	---	6.15	---	14.4	---	5.14	---	---
Moisture	%	4.5	9.9	6.1	8.2	6.4	9.5	6.5	1.3	---	---
Moisture Content 105C	%	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH Units	---	9.59	---	10.3	---	10.4	---	12	---	---
Total Organic Carbon	%	---	5.99	---	6.44	---	5.59	---	0.973	---	---
Total Inorganic Carbon	mg/kg	---	50,100	---	21,600	---	19,600	---	18,800	---	---
Calorific Value											
Water Analytical	%	---	2.21	---	1.94	---	1.84	---	1.48	---	---
Water Gross	%	---	9.24	---	7.61	---	8.48	---	1.94	---	---
Water Total	%	---	11.2	---	9.4	---	10.2	---	3.39	---	---
Gross Calorific Value in Dry Matter	MJ/kg	---	0.77	---	0.53	---	<0.5	---	<0.5	---	---
Gross Calorific Value in Original	MJ/kg	---	0.69	---	<0.5	---	<0.5	---	<0.5	---	---
Net Calorific Value in Dry Matter	MJ/kg	---	0.78	---	0.55	---	<0.5	---	<0.5	---	---
Net Calorific Value in Original	MJ/kg	---	<0.5	---	<0.5	---	<0.5	---	<0.5	---	---

Concrete Soil

Matrix Description		Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Location Code		FOU-SP714-S5	FOU-SP714-S5	FOU-SP714-S5	FOU-SP714-S6	FOU-SP714-S6	FOU-SP714-S6	FOU-SP720-S1	FOU-SP720-S1	FOU-SP720-S3	FOU-SP720-S3
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		743847	743847	743847	743847	743847	743847	735543	735543	735543	735543
Date		28 Aug 2024	28 Aug 2024	28 Aug 2024	28 Aug 2024	28 Aug 2024	28 Aug 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024
Depth		0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
	Unit										
trans-1,2-dichloroethene	mg/kg	<0.02	---	---	<0.01	---	---	<0.001	---	<0.001	---
Trichlorofluoromethane	mg/kg	<0.01	---	---	<0.005	---	---	0.000974	---	0.000925	---
Vinyl chloride	mg/kg	<0.01	---	---	<0.005	---	---	<0.0005	---	<0.0005	---
tert-Amyl methyl ether	mg/kg	<0.02	---	---	<0.01	---	---	<0.001	---	<0.001	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	<0.2	---	---	<0.1	---	---	<0.01	---	<0.01	---
1,2,4-trichlorobenzene	mg/kg	<0.14	---	---	<0.07	---	---	<0.007	---	<0.007	---
1,2-dichlorobenzene	mg/kg	<0.1	---	---	<0.05	---	---	<0.005	---	<0.005	---
1,3-dichlorobenzene	mg/kg	<0.1	---	---	<0.05	---	---	<0.005	---	<0.005	---
1,4-dichlorobenzene	mg/kg	<0.1	---	---	<0.05	---	---	<0.005	---	<0.005	---
Chlorobenzene	mg/kg	<0.04	---	---	<0.02	---	---	<0.002	---	<0.002	---
Hexachlorobutadiene	mg/kg	<0.08	---	---	<0.04	---	---	<0.004	---	<0.004	---
SVOC											
catechol (o-dihydroxybenzene) (filtered)	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	<0.01	---
2,3,5-Trimethylphenol (filtered)	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	<0.01	---
2-Isopropylphenol (filtered)	mg/kg	<0.015	---	---	<0.015	---	---	<0.015	---	<0.015	---
PCB											
PCB 101	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	<0.003	---
PCB 138	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	<0.003	---
PCB 153	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	<0.003	---
PCB 180	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	<0.003	---
PCB 118	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	<0.003	---
PCB 52	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	<0.003	---
PCB 28	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	<0.003	---
Total PCB 7 Congeners	mg/kg	<0.021	---	---	<0.021	---	---	<0.021	---	<0.021	---
Phenolics											
Total Phenols of 8 Speciated (filtered)	mg/kg	<0.13	---	---	<0.13	---	---	<0.13	---	<0.13	---
Xylenols (filtered)	mg/kg	<0.015	---	---	<0.015	---	---	<0.015	---	<0.015	---
1-naphthol (filtered)	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	<0.01	---
Cresol Total (filtered)	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	<0.01	---
Phenol (filtered)	mg/kg	0.0101	---	---	0.0102	---	---	<0.01	---	<0.01	---
Resorcinol (m-dihydroxybenzene) (filtered)	mg/kg	<0.05	---	---	<0.05	---	---	<0.05	---	<0.05	---
VOC TIC											
VOC TICs - Detect	Detect	0	---	---	0	---	---	0	---	0	---
VOC Tentatively Identified Compounds	mg/kg	<1	---	---	<0.5	---	---	<0.05	---	<0.05	---
Other											
Total Carbon	%	3.62	---	---	3.12	---	---	1.35	---	0.964	---
Natural Moisture Content	percent	---	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	0.161	---	---	0.0398	---	---	0.696	---	0.743	---
Loss on ignition	%	3.57	---	---	5.06	---	---	6.5	---	5.38	---
Moisture	%	1.1	---	---	2	---	---	4.5	---	4.8	---
Moisture Content 105C	%	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	11.6	---	---	11.9	---	---	12.2	---	12.1	---
Total Organic Carbon	%	1.97	---	---	1.16	---	---	<0.2	---	0.57	---
Total Inorganic Carbon	mg/kg	16,500	---	---	19,600	---	---	11,500	---	3,940	---
Calorific Value											
Water Analytical	%	0.92	---	---	1.24	---	---	1	---	2.27	---
Water Gross	%	1.2	---	---	2.5	---	---	1	---	4.86	---
Water Total	%	2.11	---	---	3.71	---	---	1	---	7.02	---
Gross Calorific Value in Dry Matter	MJ/kg	<0.5	---	---	<0.5	---	---	1	---	<0.5	---
Gross Calorific Value in Original	MJ/kg	<0.5	---	---	<0.5	---	---	1	---	<0.5	---
Net Calorific Value in Dry Matter	MJ/kg	<0.5	---	---	<0.5	---	---	1	---	<0.5	---
Net Calorific Value in Original	MJ/kg	<0.5	---	---	<0.5	---	---	1	---	<0.5	---



Concrete Soil

Matrix Description		Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Location Code		FOU-SP721-S1	FOU-SP721-S1	FOU-SP721-S2	FOU-SP721-S2	FOU-SP721-S3	FOU-SP721-S3	FOU-SP722-S2	FOU-SP722-S2	FOU-SP722-S3	FOU-SP722-S3
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		735543	735543	735543	735543	735543	735543	735543	735543	735543	735543
Date		15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024
Depth		0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
	Unit										
trans-1,2-dichloroethene	mg/kg	<0.001	---	<0.001	---	<0.001	---	<0.001	---	<0.001	---
Trichlorofluoromethane	mg/kg	0.00598	---	0.00234	---	0.00473	---	0.000966	---	0.000683	---
Vinyl chloride	mg/kg	<0.0005	---	<0.0005	---	<0.0005	---	<0.0005	---	<0.0005	---
tert-Amyl methyl ether	mg/kg	<0.001	---	<0.001	---	<0.001	---	<0.001	---	<0.001	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
1,2,4-trichlorobenzene	mg/kg	<0.007	---	<0.007	---	<0.007	---	<0.007	---	<0.007	---
1,2-dichlorobenzene	mg/kg	<0.005	---	<0.005	---	<0.005	---	<0.005	---	<0.005	---
1,3-dichlorobenzene	mg/kg	<0.005	---	<0.005	---	<0.005	---	<0.005	---	<0.005	---
1,4-dichlorobenzene	mg/kg	<0.005	---	<0.005	---	<0.005	---	<0.005	---	<0.005	---
Chlorobenzene	mg/kg	<0.002	---	<0.002	---	<0.002	---	<0.002	---	<0.002	---
Hexachlorobutadiene	mg/kg	<0.004	---	<0.004	---	<0.004	---	<0.004	---	<0.004	---
SVOC											
catechol (o-dihydroxybenzene) (filtered)	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
2,3,5-Trimethylphenol (filtered)	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
2-Isopropylphenol (filtered)	mg/kg	<0.015	---	<0.015	---	<0.015	---	<0.015	---	<0.015	---
PCB											
PCB 101	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
PCB 138	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
PCB 153	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
PCB 180	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
PCB 118	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
PCB 52	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
PCB 28	mg/kg	<0.003	---	<0.003	---	<0.003	---	<0.003	---	<0.003	---
Total PCB 7 Congeners	mg/kg	<0.021	---	<0.021	---	<0.021	---	<0.021	---	<0.021	---
Phenolics											
Total Phenols of 8 Speciated (filtered)	mg/kg	<0.13	---	<0.13	---	<0.13	---	<0.13	---	<0.13	---
Xylenols (filtered)	mg/kg	<0.015	---	<0.015	---	<0.015	---	<0.015	---	<0.015	---
1-naphthol (filtered)	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
Cresol Total (filtered)	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
Phenol (filtered)	mg/kg	<0.01	---	<0.01	---	<0.01	---	<0.01	---	<0.01	---
Resorcinol (m-dihydroxybenzene) (filtered)	mg/kg	<0.05	---	<0.05	---	<0.05	---	<0.05	---	<0.05	---
VOC TIC											
VOC TICs - Detect	Detect	0	---	0	---	0	---	0	---	0	---
VOC Tentatively Identified Compounds	mg/kg	<0.05	---	<0.05	---	<0.05	---	<0.05	---	<0.05	---
Other											
Total Carbon	%	2.35	---	3.13	---	2.04	---	1.89	---	3.24	---
Natural Moisture Content	percent	---	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	0.954	---	0.643	---	0.884	---	0.28	---	0.46	---
Loss on ignition	%	9.22	---	8.07	---	3.92	---	4.84	---	6.54	---
Moisture	%	0.51	---	1.4	---	4.9	---	2.7	---	1.9	---
Moisture Content 105C	%	---	---	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	12.3	---	12.3	---	12.1	---	12.2	---	12.4	---
Total Organic Carbon	%	0.661	---	1.19	---	0.202	---	0.416	---	0.678	---
Total Inorganic Carbon	mg/kg	16,900	---	19,400	---	18,400	---	14,700	---	25,600	---
Calorific Value											
Water Analytical	%	1.94	---	1.88	---	1.75	---	1	---	1.48	---
Water Gross	%	4.74	---	4.81	---	5.22	---	3.85	---	4.55	---
Water Total	%	6.58	---	6.6	---	6.88	---	4.82	---	5.97	---
Gross Calorific Value in Dry Matter	MJ/kg	<0.5	---	<0.5	---	<0.5	---	<0.5	---	<0.5	---
Gross Calorific Value in Original	MJ/kg	<0.5	---	<0.5	---	<0.5	---	<0.5	---	<0.5	---
Net Calorific Value in Dry Matter	MJ/kg	<0.5	---	<0.5	---	<0.5	---	<0.5	---	<0.5	---
Net Calorific Value in Original	MJ/kg	<0.5	---	<0.5	---	<0.5	---	<0.5	---	<0.5	---

Concrete Soil

Matrix Description		Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Location Code		FOU-SP724-S2	FOU-SP724-S2	FOU-SP724-S3	FOU-SP724-S3	FOU-SP724-S3	FOU-SP725-S1	FOU-SP725-S1	FOU-SP725-S3	FOU-SP725-S3	LWW-SP746-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		741639	741639	741639	741639	741639	741639	741639	741639	741639	24-5353-147-071024
Date		27 Aug 2024	27 Aug 2024	27 Aug 2024	27 Aug 2024	27 Aug 2024	27 Aug 2024	27 Aug 2024	27 Aug 2024	27 Aug 2024	15 Aug 2024
Depth		0 - 0	0 - 0	0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	
	Unit										
trans-1,2-dichloroethene	mg/kg	<0.02	---	---	<0.02	---	<0.02	---	<0.001	---	---
Trichlorofluoromethane	mg/kg	<0.01	---	---	0.0294	---	<0.01	---	0.00523	---	---
Vinyl chloride	mg/kg	<0.01	---	---	<0.01	---	<0.01	---	<0.0005	---	---
tert-Amyl methyl ether	mg/kg	<0.02	---	---	<0.02	---	<0.02	---	<0.001	---	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	<0.2	---	---	<0.2	---	<0.2	---	<0.01	---	---
1,2,4-trichlorobenzene	mg/kg	<0.14	---	---	<0.14	---	<0.14	---	<0.007	---	---
1,2-dichlorobenzene	mg/kg	<0.1	---	---	<0.1	---	<0.1	---	<0.005	---	---
1,3-dichlorobenzene	mg/kg	<0.1	---	---	<0.1	---	<0.1	---	<0.005	---	---
1,4-dichlorobenzene	mg/kg	<0.1	---	---	<0.1	---	<0.1	---	<0.005	---	---
Chlorobenzene	mg/kg	<0.04	---	---	<0.04	---	<0.04	---	<0.002	---	---
Hexachlorobutadiene	mg/kg	<0.08	---	---	<0.08	---	<0.08	---	<0.004	---	---
SVOC											
catechol (o-dihydroxybenzene) (filtered)	mg/kg	<0.01	---	---	<0.01	---	<0.01	---	<0.01	---	---
2,3,5-Trimethylphenol (filtered)	mg/kg	<0.01	---	---	<0.01	---	<0.01	---	<0.01	---	---
2-Isopropylphenol (filtered)	mg/kg	<0.015	---	---	<0.015	---	<0.015	---	<0.015	---	---
PCB											
PCB 101	mg/kg	<0.003	---	---	<0.003	---	<0.003	---	<0.003	---	---
PCB 138	mg/kg	<0.003	---	---	<0.003	---	<0.003	---	<0.003	---	---
PCB 153	mg/kg	<0.003	---	---	<0.003	---	<0.003	---	<0.003	---	---
PCB 180	mg/kg	<0.003	---	---	<0.003	---	<0.003	---	<0.003	---	---
PCB 118	mg/kg	<0.003	---	---	<0.003	---	<0.003	---	<0.003	---	---
PCB 52	mg/kg	<0.003	---	---	<0.003	---	<0.003	---	<0.003	---	---
PCB 28	mg/kg	<0.003	---	---	<0.003	---	<0.003	---	<0.003	---	---
Total PCB 7 Congeners	mg/kg	<0.021	---	---	<0.021	---	<0.021	---	<0.021	---	---
Phenolics											
Total Phenols of 8 Speciated (filtered)	mg/kg	<0.13	---	---	<0.13	---	<0.13	---	<0.13	---	---
Xylenols (filtered)	mg/kg	<0.015	---	---	<0.015	---	<0.015	---	<0.015	---	---
1-naphthol (filtered)	mg/kg	<0.01	---	---	<0.01	---	<0.01	---	<0.01	---	---
Cresol Total (filtered)	mg/kg	<0.01	---	---	<0.01	---	<0.01	---	<0.01	---	---
Phenol (filtered)	mg/kg	0.0104	---	---	<0.01	---	<0.01	---	0.0103	---	---
Resorcinol (m-dihydroxybenzene) (filtered)	mg/kg	<0.05	---	---	<0.05	---	<0.05	---	<0.05	---	---
VOC TIC											
VOC TICs - Detect	Detect	0	---	---	0	---	0	---	0	---	---
VOC Tentatively Identified Compounds	mg/kg	<1	---	---	<1	---	<1	---	<0.05	---	---
Other											
Total Carbon	%	2.84	---	---	3.15	---	1.89	---	1.43	---	---
Natural Moisture Content	percent	---	---	---	---	---	---	---	---	---	---
Alkali Reserve	gNaOH/100g	0.279	---	---	0.516	---	0.242	---	0.837	---	---
Loss on ignition	%	5.03	---	---	4.42	---	3.96	---	4.73	---	---
Moisture	%	3.9	---	2.5	2.5	---	2.7	---	3	---	---
Moisture Content 105C	%	---	---	---	---	---	---	---	---	---	3.7
pH (Lab)	pH_Units	12.1	---	---	12	---	12	---	12.1	---	---
Total Organic Carbon	%	0.801	---	---	0.784	---	0.449	---	0.278	---	---
Total Inorganic Carbon	mg/kg	20,400	---	---	23,700	---	14,400	---	11,500	---	---
Calorific Value											
Water Analytical	%	1.98	---	---	1.53	---	1.44	---	1.64	---	---
Water Gross	%	4.07	---	---	2.3	---	2.92	---	3.45	---	---
Water Total	%	5.98	---	---	3.79	---	4.32	---	5.03	---	---
Gross Calorific Value in Dry Matter	MJ/kg	<0.5	---	---	<0.5	---	<0.5	---	<0.5	---	---
Gross Calorific Value in Original	MJ/kg	<0.5	---	---	<0.5	---	<0.5	---	<0.5	---	---
Net Calorific Value in Dry Matter	MJ/kg	<0.5	---	---	<0.5	---	<0.5	---	<0.5	---	---
Net Calorific Value in Original	MJ/kg	<0.5	---	---	<0.5	---	<0.5	---	<0.5	---	---

Concrete Soil

Matrix Description		Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Location Code		LWW-SP747-S1	LWW-SP748-S1	LWW-SP748-S1	LWW-SP748-S1	LWW-SP749-S1	LWW-SP750-S1	LWW-SP751-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-5353-147-071024	24-250-484-200924	24-5353-139-230924	24-5353-147-071024	24-5353-147-071024	24-5353-147-071024	24-250-484-200924
Date		15 Aug 2024	15 Aug 2024	15 Aug 2024	15 Aug 2024	16 Aug 2024	16 Aug 2024	16 Aug 2024
Depth								
	Unit							
trans-1,2-dichloroethene	mg/kg	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	---	---	---	---	---	---	---
tert-Amyl methyl ether	mg/kg	---	---	---	---	---	---	---
VOC/SVOC								
1,2,3-trichlorobenzene	mg/kg	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---	---	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---	---	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---	---	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---	---	---	---	---
SVOC								
catechol (o-dihydroxybenzene) (filtered)	mg/kg	---	---	---	---	---	---	---
2,3,5-Trimethylphenol (filtered)	mg/kg	---	---	---	---	---	---	---
2-Isopropylphenol (filtered)	mg/kg	---	---	---	---	---	---	---
PCB								
PCB 101	mg/kg	---	---	---	---	---	---	---
PCB 138	mg/kg	---	---	---	---	---	---	---
PCB 153	mg/kg	---	---	---	---	---	---	---
PCB 180	mg/kg	---	---	---	---	---	---	---
PCB 118	mg/kg	---	---	---	---	---	---	---
PCB 52	mg/kg	---	---	---	---	---	---	---
PCB 28	mg/kg	---	---	---	---	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---	---	---	---	---
Phenolics								
Total Phenols of 8 Speciated (filtered)	mg/kg	---	---	---	---	---	---	---
Xylenols (filtered)	mg/kg	---	---	---	---	---	---	---
1-naphthol (filtered)	mg/kg	---	---	---	---	---	---	---
Cresol Total (filtered)	mg/kg	---	---	---	---	---	---	---
Phenol (filtered)	mg/kg	---	---	---	---	---	---	---
Resorcinol (m-dihydroxybenzene) (filtered)	mg/kg	---	---	---	---	---	---	---
VOC TIC								
VOC TICs - Detect	Detect	---	---	---	---	---	---	---
VOC Tentatively Identified Compounds	mg/kg	---	---	---	---	---	---	---
Other								
Total Carbon	%	---	---	---	---	---	---	---
Natural Moisture Content	percent	---	---	2.9	---	---	---	---
Alkali Reserve	gNaOH/100g	---	0.057	---	---	---	---	0.076
Loss on ignition	%	---	---	---	---	---	---	---
Moisture	%	---	---	---	---	---	---	---
Moisture Content 105C	%	3.8	---	---	3.9	3.4	4.5	---
pH (Lab)	pH Units	---	---	---	---	---	---	---
Total Organic Carbon	%	---	---	---	---	---	---	---
Total Inorganic Carbon	mg/kg	---	---	---	---	---	---	---
Calorific Value								
Water Analytical	%	---	---	---	---	---	---	---
Water Gross	%	---	---	---	---	---	---	---
Water Total	%	---	---	---	---	---	---	---
Gross Calorific Value in Dry Matter	MJ/kg	---	---	---	---	---	---	---
Gross Calorific Value in Original	MJ/kg	---	---	---	---	---	---	---
Net Calorific Value in Dry Matter	MJ/kg	---	---	---	---	---	---	---
Net Calorific Value in Original	MJ/kg	---	---	---	---	---	---	---

Concrete Soil

Matrix Description		Concrete	Concrete	Concrete
Location Code		LWW-SP751-S1	LWW-SP752-S1	LWW-SP752-S1
Matrix Type		Soil	Soil	Soil
Lab Report Number		24-5353-147-071024	24-250-485-030924	24-5353-122-100924
Date		16 Aug 2024	19 Aug 2024	19 Aug 2024
Depth				
	Unit			
trans-1,2-dichloroethene	mg/kg	---	---	---
Trichlorofluoromethane	mg/kg	---	---	---
Vinyl chloride	mg/kg	---	---	---
tert-Amyl methyl ether	mg/kg	---	---	---
VOC/SVOC				
1,2,3-trichlorobenzene	mg/kg	---	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	---
1,2-dichlorobenzene	mg/kg	---	---	---
1,3-dichlorobenzene	mg/kg	---	---	---
1,4-dichlorobenzene	mg/kg	---	---	---
Chlorobenzene	mg/kg	---	---	---
Hexachlorobutadiene	mg/kg	---	---	---
SVOC				
catechol (o-dihydroxybenzene) (filtered)	mg/kg	---	---	---
2,3,5-Trimethylphenol (filtered)	mg/kg	---	---	---
2-Isopropylphenol (filtered)	mg/kg	---	---	---
PCB				
PCB 101	mg/kg	---	---	---
PCB 138	mg/kg	---	---	---
PCB 153	mg/kg	---	---	---
PCB 180	mg/kg	---	---	---
PCB 118	mg/kg	---	---	---
PCB 52	mg/kg	---	---	---
PCB 28	mg/kg	---	---	---
Total PCB 7 Congeners	mg/kg	---	---	---
Phenolics				
Total Phenols of 8 Speciated (filtered)	mg/kg	---	---	---
Xylenols (filtered)	mg/kg	---	---	---
1-naphthol (filtered)	mg/kg	---	---	---
Cresol Total (filtered)	mg/kg	---	---	---
Phenol (filtered)	mg/kg	---	---	---
Resorcinol (m-dihydroxybenzene) (filtered)	mg/kg	---	---	---
VOC TIC				
VOC TICs - Detect	Detect	---	---	---
VOC Tentatively Identified Compounds	mg/kg	---	---	---
Other				
Total Carbon	%	---	---	---
Natural Moisture Content	percent	---	---	6.2
Alkali Reserve	gNaOH/100g	---	1.105	---
Loss on ignition	%	---	---	---
Moisture	%	---	---	---
Moisture Content 105C	%	3.4	---	---
pH (Lab)	pH Units	---	---	---
Total Organic Carbon	%	---	---	---
Total Inorganic Carbon	mg/kg	---	---	---
Calorific Value				
Water Analytical	%	---	---	---
Water Gross	%	---	---	---
Water Total	%	---	---	---
Gross Calorific Value in Dry Matter	MJ/kg	---	---	---
Gross Calorific Value in Original	MJ/kg	---	---	---
Net Calorific Value in Dry Matter	MJ/kg	---	---	---
Net Calorific Value in Original	MJ/kg	---	---	---

Statistics
* A Non Detect Multiplier of 0.5 has been applied.



Concrete Leachate

Matrix Description Location Code Matrix Type Lab Report Number Date Depth				Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
				FOU-SP601-S5	FOU-SP601-S14	FOU-SP601-S15	FOU-SP601-S17	FOU-SP601-S18	FOU-SP601-S21	FOU-SP603-S4	FOU-SP603-S12
				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				744142	744142	744142	744142	744142	744142	744142	744142
				24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	968	440	1,300	515	1,650	1,660	1,490	1,310
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#10}	0.808	0.537	<0.5	0.753	0.642	<0.5	0.701	0.528
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#11}	53.4	<10	<10	<10	15.6	18.9	32.4	<10
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#12}	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
Chromium (hexavalent)	µg/L	-	0.6 ^{#12}	---	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#12}	9.1	14.5	18.1	<3	<3	8.68	<3	35.4
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#12}	8.22	19.1	14.4	<1	<1	8.03	1.93	29.3
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#13}	2.98	3.17	3.2	2.17	0.91	1.99	1.72	6.88
Ferric Iron (filtered)	µg/L	-	1,000 ^{#14}	<50	<50	<50	<50	<50	<50	<50	<50
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#10}	<19	<19	<19	<19	<19	<19	<19	<19
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#12}	0.261	---	3.54	3.24	0.409	0.616	0.233	1.42
Manganese (filtered)	µg/L	50 ^{#1}	-	<3	<3	<3	<3	<3	<3	<3	<3
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#15}	0.089	<0.01	<0.01	<0.01	<0.01	0.0484	<0.01	<0.01
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#12}	0.809	0.42	0.765	1.63	0.865	<0.4	0.731	1.08
Vanadium (filtered)	µg/L	-	100 ^{#16}	24.6	8.18	1.09	<1	13.5	5.49	10.1	1.03
Zinc (filtered)	µg/L	3,000 ^{#2}	7.9 ^{#17}	4.11	2.08	7.68	3.75	1.47	3.43	2.78	2
Inorganics											
Inorganic Nitrogen (filtered)	mg/l	-	-	0.313	5.79	0.413	0.239	0.331	0.39	0.394	0.917
Ortho phosphate as PO4 (filtered)	mg/l	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#10}	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.21	0.208
Calcium (filtered)	mg/L	-	-	125	182	219	315	118	131	112	202
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#10}	<50	<50	<50	<50	<50	<50	<50	<50
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#10}	<50	<50	<50	<50	<50	<50	<50	<50
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#10}	<50	<50	<50	<50	<50	<50	<50	<50
Ferrous Iron	µg/L	-	1,000 ^{#14}	<100	<100	<100	<100	<100	<100	<100	<100
Magnesium (filtered)	mg/L	-	-	0.184	0.673	0.0817	0.524	0.753	0.127	0.827	0.06
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#3}	-	0.531	24.5	0.731	0.334	0.57	0.991	0.567	1.77
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#4}	-	0.223	0.343	0.444	0.17	0.255	0.137	0.183	1.02
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	188	5,640	300	127	206	266	184	709
Potassium (filtered)	mg/L	-	-	11.3	18.8	24	28.6	22.2	21.7	17.8	25.1
Sodium (filtered)	mg/L	200 ^{#1}	-	5.41	8.73	10	9.59	8.9	9.91	7.55	8.26
Sulphate (filtered)	mg/L	250 (SO4) ^{#5}	-	150	188	10.3	3.1	81	33.1	51.2	13
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#18}	49.2	<10	<10	<10	<10	23.1	22.7	<10
PAH											
Naphthalene	µg/L	-	2 ^{#10}	---	---	---	---	---	---	---	---
Naphthalene (filtered)	µg/L	-	2 ^{#10}	0.163	0.507	0.42	0.117	0.105	1.95	0.178	1.02
Acenaphthene	µg/L	-	-	---	---	---	---	---	---	---	---
Acenaphthene (filtered)	µg/L	-	-	0.0666	0.614	0.823	0.103	0.127	1.79	0.066	1.71
Acenaphthylene	µg/L	-	-	---	---	---	---	---	---	---	---
Acenaphthylene (filtered)	µg/L	-	-	0.0354	0.395	0.125	0.0202	0.0255	2.99	0.0381	0.221
Fluoranthene	µg/L	-	0.0063 ^{#10}	---	---	---	---	---	---	---	---
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#10}	0.0899	0.921	0.392	0.0539	0.0825	2.85	0.116	0.224
Anthracene	µg/L	-	0.1 ^{#10}	---	---	---	---	---	---	---	---
Anthracene (filtered)	µg/L	-	0.1 ^{#10}	0.0338	0.328	0.0859	0.0154	0.0178	0.794	0.032	0.189
Phenanthrene	µg/L	-	-	---	---	---	---	---	---	---	---
Phenanthrene (filtered)	µg/L	-	-	0.123	1.85	0.61	0.102	0.106	4.96	0.156	0.658
Fluorene	µg/L	-	-	---	---	---	---	---	---	---	---
Fluorene (filtered)	µg/L	-	-	0.0472	0.722	0.304	0.0397	0.0459	2.61	0.0509	1.12
Chrysene	µg/L	-	-	---	---	---	---	---	---	---	---
Chrysene (filtered)	µg/L	-	-	0.0143	0.0634	0.0264	<0.005	<0.005	0.159	0.0165	0.0132
Pyrene	µg/L	-	-	---	---	---	---	---	---	---	---
Pyrene (filtered)	µg/L	-	-	0.0751	0.931	0.347	0.0504	0.0817	2.05	0.0973	0.193
Benzo(a)anthracene	µg/L	-	-	---	---	---	---	---	---	---	---
Benzo(a)anthracene (filtered)	µg/L	-	-	<0.005	0.0411	0.0132	<0.005	<0.005	0.156	0.00709	<0.005
Benzo(b)fluoranthene	µg/L	0.025 ^{#6}	See BaP ^{#19}	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#6}	See BaP ^{#19}	<0.005	0.0101	<0.005	<0.005	<0.005	0.035	0.00729	<0.005
Benzo(k)fluoranthene	µg/L	0.025 ^{#6}	See BaP ^{#19}	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#6}	See BaP ^{#19}	<0.005	<0.005	<0.005	<0.005	<0.005	0.011	<0.005	<0.005
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#19}	---	---	---	---	---	---	---	---
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#19}	<0.002	0.00269	<0.002	<0.002	<0.002	0.016	<0.002	<0.002
Dibenz(a,h)anthracene	µg/L	-	-	---	---	---	---	---	---	---	---
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(g,h,i)perylene	µg/L	0.025 ^{#6}	See BaP ^{#19}	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#6}	See BaP ^{#19}	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#6}	See BaP ^{#19}	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#6}	See BaP ^{#19}	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005



Concrete Leachate

Matrix Description				Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Location Code				FOU-SP603-S13	FOU-SP714-S4	FOU-SP714-S5	FOU-SP714-S6	FOU-SP720-S1	FOU-SP720-S3	FOU-SP721-S1	FOU-SP721-S2
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				744142	743847	743847	743847	735543	735543	735543	735543
Date				24 Sep 2024	28 Aug 2024	28 Aug 2024	28 Aug 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024
Depth					0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	1,460	1,930	1,310	1,860	1,840	3,120	2,610	2,250
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#10}	0.918	0.97	9.4	<0.5	<0.5	0.6	<0.5	<0.5
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#11}	15.4	<10	22.9	<10	<10	15.8	<10	<10
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#12}	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
Chromium (hexavalent)	µg/L	-	0.6 ^{#12}	---	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#12}	23.6	<3	<3	<3	<3	<3	<3	<3
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#12}	21.8	3.53	4.24	1.65	<1	<1	1.77	2.08
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#13}	5.46	0.858	1.47	0.456	3.49	2.64	4.29	2.39
Ferric Iron (filtered)	µg/L	-	1,000 ^{#14}	<50	<50	<50	<50	<50	76.3	<50	<50
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#10}	<19	<19	<19	<19	<19	763	<19	<19
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#12}	0.492	0.218	<0.2	<0.2	0.705	0.319	1.07	0.696
Manganese (filtered)	µg/L	50 ^{#1}	-	<3	<3	<3	<3	<3	22.4	<3	<3
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#15}	<0.01	0.0186	<0.01	0.0134	0.0336	0.0236	0.0216	<0.01
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#12}	1.24	<0.4	<0.4	<0.4	1.53	1.16	1.16	0.743
Vanadium (filtered)	µg/L	-	100 ^{#16}	8.96	10.5	64.8	11.5	6.36	7.44	5.6	2.38
Zinc (filtered)	µg/L	3,000 ^{#2}	7.9 ^{#17}	31.8	<1	3.59	1.95	5.27	4.16	3.73	1.79
Inorganics											
Inorganic Nitrogen (filtered)	mg/l	-	-	0.522	0.475	0.292	0.296	1.15	0.628	0.278	0.256
Ortho phosphate as PO4 (filtered)	mg/l	-	-	<0.05	<0.05	<0.05	<0.05	0.148	<0.05	<0.05	<0.05
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#10}	<0.2	0.353	<0.2	<0.2	0.377	0.367	0.278	0.256
Calcium (filtered)	mg/L	-	-	124	172	158	167	191	140	211	225
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#10}	<50	<50	<50	<50	<50	<50	<50	<50
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#10}	<50	<50	<50	<50	<50	<50	<50	<50
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#10}	<50	<50	<50	<50	<50	<50	<50	<50
Ferrous Iron	µg/L	-	1,000 ^{#14}	<100	<100	<100	<100	<100	<100	<100	<100
Magnesium (filtered)	mg/L	-	-	0.0861	0.0664	0.974	0.516	0.534	0.192	0.551	0.424
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#3}	-	0.741	0.389	0.575	0.513	3.17	1.05	<0.3	<0.3
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#4}	-	0.709	0.111	0.082	0.15	0.176	0.078	0.113	0.111
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	383	122	155	161	770	261	<100	<100
Potassium (filtered)	mg/L	-	-	27.2	40.6	10.2	38.8	53.5	58.4	42.4	33.7
Sodium (filtered)	mg/L	200 ^{#1}	-	11.2	17.3	5.79	9.78	16.6	15.8	14.9	15.5
Sulphate (filtered)	mg/L	250 (SO4) ^{#5}	-	46.5	67.9	173	35.6	13.1	42.6	4.1	6.7
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#18}	<10	179	37.4	69.7	<10	<10	11.2	10.2
PAH											
Naphthalene	µg/L	-	2 ^{#10}	---	---	---	---	---	---	---	---
Naphthalene (filtered)	µg/L	-	2 ^{#10}	0.537	1.02	---	0.0467	0.629	0.303	0.0994	0.0777
Acenaphthene	µg/L	-	-	---	---	---	---	---	---	---	---
Acenaphthene (filtered)	µg/L	-	-	0.498	0.603	---	0.00741	0.33	0.122	0.125	0.038
Acenaphthylene	µg/L	-	-	---	---	---	---	---	---	---	---
Acenaphthylene (filtered)	µg/L	-	-	0.257	<0.005	---	<0.005	0.00594	<0.005	<0.005	<0.01
Fluoranthene	µg/L	-	0.0063 ^{#10}	---	---	---	---	---	---	---	---
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#10}	0.297	0.089	---	0.0124	0.0338	0.0144	0.0433	0.0278
Anthracene	µg/L	-	0.1 ^{#10}	---	---	---	---	---	---	---	---
Anthracene (filtered)	µg/L	-	0.1 ^{#10}	0.292	0.0252	---	<0.005	0.00956	<0.005	0.0111	<0.01
Phenanthrene	µg/L	-	-	---	---	---	---	---	---	---	---
Phenanthrene (filtered)	µg/L	-	-	0.551	0.425	---	0.0182	0.0641	0.0271	0.0619	0.059
Fluorene	µg/L	-	-	---	---	---	---	---	---	---	---
Fluorene (filtered)	µg/L	-	-	0.322	0.164	---	<0.005	0.0749	0.063	0.0337	0.0185
Chrysene	µg/L	-	-	---	---	---	---	---	---	---	---
Chrysene (filtered)	µg/L	-	-	0.0255	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.01
Pyrene	µg/L	-	-	---	---	---	---	---	---	---	---
Pyrene (filtered)	µg/L	-	-	0.272	0.0701	---	0.0105	0.0342	0.0098	0.0414	0.0234
Benzo(a)anthracene	µg/L	-	-	---	---	---	---	---	---	---	---
Benzo(a)anthracene (filtered)	µg/L	-	-	0.00972	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.01
Benzo(b)fluoranthene	µg/L	0.025 ^{#6}	See BaP ^{#19}	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#6}	See BaP ^{#19}	0.00772	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.01
Benzo(k)fluoranthene	µg/L	0.025 ^{#6}	See BaP ^{#19}	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#6}	See BaP ^{#19}	<0.005	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.01
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#19}	---	---	---	---	---	---	---	---
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#19}	<0.002	<0.002	---	<0.002	<0.002	<0.002	<0.002	<0.004
Dibenz(a,h)anthracene	µg/L	-	-	---	---	---	---	---	---	---	---
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	<0.005	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.01
Benzo(g,h,i)perylene	µg/L	0.025 ^{#6}	See BaP ^{#19}	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#6}	See BaP ^{#19}	<0.005	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.01
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#6}	See BaP ^{#19}	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#6}	See BaP ^{#19}	<0.005	<0.005	---	<0.005	<0.005	<0.005	<0.005	<0.01



Concrete Leachate

Matrix Description				Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Location Code				FOU-SP721-S3	FOU-SP722-S2	FOU-SP722-S3	FOU-SP724-S2	FOU-SP724-S3	FOU-SP725-S1	FOU-SP725-S3	LWW-SP745-S1
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				735543	735543	735543	741639	741639	741639	741639	24-5353-130-190924
Date				15 Jul 2024	15 Jul 2024	15 Jul 2024	27 Aug 2024	27 Aug 2024	27 Aug 2024	27 Aug 2024	01 Aug 2024
Depth				0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	2,680	2,730	1,080	2,020	1,940	1,940	1,880	445
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#10}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.522	<2.5
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#11}	<10	<10	<10	10.8	<10	<10	<10	106
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#12}	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.5
Chromium (hexavalent)	µg/L	-	0.6 ^{#12}	---	---	---	---	---	---	---	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#12}	3.73	<3	<3	<3	<3	<3	<3	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#12}	2.72	6.26	1.6	2.18	4.74	2.46	2	7.7
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#13}	3.15	3.64	2.93	4.16	3.05	3.16	3.52	<7
Ferric Iron (filtered)	µg/L	-	1,000 ^{#14}	<50	<50	<50	<50	<50	<50	<50	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#10}	<19	<19	<19	<19	<19	<19	196	<4.7
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#12}	0.781	0.286	0.403	0.534	0.392	0.314	0.501	<5
Manganese (filtered)	µg/L	50 ^{#1}	-	<3	<3	<3	<3	<3	<3	6.45	<2
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#15}	0.0246	0.0719	0.0504	0.0203	0.0573	0.0307	0.0286	<0.01
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#12}	0.837	1.08	2	1.56	1.16	1.25	1.76	<2
Vanadium (filtered)	µg/L	-	100 ^{#16}	4.75	17.7	2.85	11.2	8.76	12.9	7.52	156.5
Zinc (filtered)	µg/L	3,000 ^{#2}	7.9 ^{#17}	1.41	1.86	<1	4.6	1.32	1.13	1.64	<3
Inorganics											
Inorganic Nitrogen (filtered)	mg/l	-	-	0.303	0.231	0.322	<0.2	0.219	<0.2	0.317	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#10}	0.303	0.231	0.322	<0.2	<0.2	<0.2	0.243	---
Calcium (filtered)	mg/L	-	-	188	172	216	187	197	172	203	117.2
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#10}	<50	<50	<50	<50	<50	<50	<50	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#10}	<50	<50	<50	<50	<50	<50	<50	---
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#10}	<50	<50	<50	<50	<50	<50	<50	---
Ferrous Iron	µg/L	-	1,000 ^{#14}	<100	<100	<100	<100	<100	<100	<100	---
Magnesium (filtered)	mg/L	-	-	0.403	0.458	0.0391	0.543	0.431	0.692	0.853	0.3
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#3}	-	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	---
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#4}	-	0.166	0.11	0.102	0.161	0.191	0.131	0.124	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	<100	<100	<100	<100	<100	103	<100	---
Potassium (filtered)	mg/L	-	-	32.8	19.2	47	43.2	46.8	45.1	47.5	11.2
Sodium (filtered)	mg/L	200 ^{#1}	-	11.6	10.1	16.3	18.2	20	16.9	20.6	4.7
Sulphate (filtered)	mg/L	250 (SO4) ^{#5}	-	7.1	17.9	30.6	29	26.6	38.1	19.3	---
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#18}	14	15	<10	<10	<10	<10	26.2	---
PAH											
Naphthalene	µg/L	-	2 ^{#10}	---	---	---	---	---	---	---	---
Naphthalene (filtered)	µg/L	-	2 ^{#10}	0.0982	0.225	0.128	0.431	0.189	0.314	0.327	---
Acenaphthene	µg/L	-	-	---	---	---	---	---	---	---	---
Acenaphthene (filtered)	µg/L	-	-	0.123	0.259	0.0576	1.15	0.111	0.247	0.743	---
Acenaphthylene	µg/L	-	-	---	---	---	---	---	---	---	---
Acenaphthylene (filtered)	µg/L	-	-	0.00545	<0.005	<0.005	0.318	<0.005	<0.005	0.213	---
Fluoranthene	µg/L	-	0.0063 ^{#10}	---	---	---	---	---	---	---	---
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#10}	0.0332	0.013	0.00676	0.0967	0.0473	0.0537	0.0595	---
Anthracene	µg/L	-	0.1 ^{#10}	---	---	---	---	---	---	---	---
Anthracene (filtered)	µg/L	-	0.1 ^{#10}	0.0084	<0.005	<0.005	0.0853	<0.005	<0.005	0.0365	---
Phenanthrene	µg/L	-	-	---	---	---	---	---	---	---	---
Phenanthrene (filtered)	µg/L	-	-	0.048	0.0409	0.0166	0.262	0.081	0.0937	0.269	---
Fluorene	µg/L	-	-	---	---	---	---	---	---	---	---
Fluorene (filtered)	µg/L	-	-	0.0229	0.0813	0.0122	0.261	0.04	0.065	0.239	---
Chrysene	µg/L	-	-	---	---	---	---	---	---	---	---
Chrysene (filtered)	µg/L	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	---
Pyrene	µg/L	-	-	---	---	---	---	---	---	---	---
Pyrene (filtered)	µg/L	-	-	0.0317	0.0132	0.00601	0.0749	0.0452	0.0501	0.0513	---
Benzo(a)anthracene	µg/L	-	-	---	---	---	---	---	---	---	---
Benzo(a)anthracene (filtered)	µg/L	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#6}	See BaP ^{#19}	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#6}	See BaP ^{#19}	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#6}	See BaP ^{#19}	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#6}	See BaP ^{#19}	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#19}	---	---	---	---	---	---	---	---
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#19}	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	---
Dibenz(a,h)anthracene	µg/L	-	-	---	---	---	---	---	---	---	---
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#6}	See BaP ^{#19}	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#6}	See BaP ^{#19}	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#6}	See BaP ^{#19}	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#6}	See BaP ^{#19}	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	---



Concrete Leachate

Matrix Description				Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Location Code				LWW-SP746-S1	LWW-SP747-S1	LWW-SP748-S1	LWW-SP749-S1	LWW-SP750-S1	LWW-SP751-S1	LWW-SP752-S1
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				24-5353-147-071024	24-5353-147-071024	24-5353-147-071024	24-5353-147-071024	24-5353-147-071024	24-5353-147-071024	24-5353-122-190924
Date				15 Aug 2024	15 Aug 2024	15 Aug 2024	16 Aug 2024	16 Aug 2024	16 Aug 2024	19 Aug 2024
Depth										
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
Metals										
Aluminium (filtered)	µg/L	200 ^{#1}	-	1,650	990	1,629	1,762	3,293	589	342
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#10}	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#11}	26	<12	<12	<12	36	<12	<12
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#12}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium (hexavalent)	µg/L	-	0.6 ^{#12}	<2	<2	<2	<2	<2	<2	---
Chromium (hexavalent) (filtered)	µg/L	-	0.6 ^{#12}	---	---	---	---	---	---	---
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#12}	9.9	13.2	<1.5	3.2	<1.5	2.7	<1.5
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#13}	<7	<7	<7	<7	<7	<7	<7
Ferric Iron (filtered)	µg/L	-	1,000 ^{#14}	---	---	---	---	---	---	---
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#10}	<4.7	<4.7	<4.7	5	<4.7	<4.7	<4.7
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#12}	<5	<5	<5	<5	<5	<5	<5
Manganese (filtered)	µg/L	50 ^{#1}	-	<2	<2	<2	<2	<2	<2	<2
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#15}	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#12}	<2	<2	<2	<2	<2	<2	<2
Vanadium (filtered)	µg/L	-	100 ^{#16}	33.5	29.1	<1.5	6.9	5.9	12.6	<1.5
Zinc (filtered)	µg/L	3,000 ^{#2}	7.9 ^{#17}	<3	<3	<3	<3	<3	<3	3
Inorganics										
Inorganic Nitrogen (filtered)	mg/l	-	-	---	---	---	---	---	---	---
Ortho phosphate as PO4 (filtered)	mg/l	-	-	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/L	-	0.021 ^{#10}	---	---	---	---	---	---	---
Calcium (filtered)	mg/L	-	-	108.1	148.5	156.4	154.9	115.3	156	494.7
Cyanide (Free) (filtered)	µg/L	50 ^{#1}	1 ^{#10}	---	---	---	---	---	---	---
Cyanide Total (filtered)	µg/L	50 ^{#1}	1 ^{#10}	---	---	---	---	---	---	---
Cyanide (Complex) (filtered)	µg/L	50 ^{#1}	1 ^{#10}	---	---	---	---	---	---	---
Ferrous Iron	µg/L	-	1,000 ^{#14}	---	---	---	---	---	---	---
Magnesium (filtered)	mg/L	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrate (as NO3-) (filtered)	mg/L	50 (NO3) ^{#3}	-	---	---	---	---	---	---	---
Nitrite (as NO2-) (filtered)	mg/L	0.5 (NO2) ^{#4}	-	---	---	---	---	---	---	---
Nitrogen (Total Oxidised) (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Potassium (filtered)	mg/L	-	-	34.7	20.9	35	46.3	55.3	34.5	69.1
Sodium (filtered)	mg/L	200 ^{#1}	-	14.2	8.8	14	14.6	16.1	11.4	26.8
Sulphate (filtered)	mg/L	250 (SO4) ^{#5}	-	---	---	---	---	---	---	---
Sulphide (filtered)	µg/L	-	10 (MAC) ^{#18}	---	---	---	---	---	---	---
PAH										
Naphthalene	µg/L	-	2 ^{#10}	0.2	<0.1	<0.1	<0.1	0.2	<0.1	---
Naphthalene (filtered)	µg/L	-	2 ^{#10}	---	---	---	---	---	---	---
Acenaphthene	µg/L	-	-	0.021	0.022	0.006	0.011	0.032	0.018	---
Acenaphthene (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Acenaphthylene	µg/L	-	-	0.012	0.008	<0.005	<0.005	0.008	<0.005	---
Acenaphthylene (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Fluoranthene	µg/L	-	0.0063 ^{#10}	0.046	0.117	0.011	0.042	0.041	0.028	---
Fluoranthene (filtered)	µg/L	-	0.0063 ^{#10}	---	---	---	---	---	---	---
Anthracene	µg/L	-	0.1 ^{#10}	0.019	0.017	<0.005	0.011	0.019	0.009	---
Anthracene (filtered)	µg/L	-	0.1 ^{#10}	---	---	---	---	---	---	---
Phenanthrene	µg/L	-	-	0.071	0.076	0.041	0.057	0.086	0.039	---
Phenanthrene (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Fluorene	µg/L	-	-	0.011	0.017	<0.005	0.007	0.043	0.011	---
Fluorene (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Chrysene	µg/L	-	-	0.009	0.057	<0.005	0.006	0.009	0.007	---
Chrysene (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Pyrene	µg/L	-	-	0.031	0.094	0.007	0.027	0.027	0.02	---
Pyrene (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Benzo(a)anthracene	µg/L	-	-	0.009	0.054	<0.005	0.009	0.009	0.008	---
Benzo(a)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Benzo(b)fluoranthene	µg/L	0.025 ^{#6}	See BaP ^{#19}	<0.008	0.061	<0.008	<0.008	<0.008	<0.008	---
Benzo(b)fluoranthene (filtered)	µg/L	0.025 ^{#6}	See BaP ^{#19}	---	---	---	---	---	---	---
Benzo(k)fluoranthene	µg/L	0.025 ^{#6}	See BaP ^{#19}	<0.008	0.024	<0.008	<0.008	<0.008	<0.008	---
Benzo(k)fluoranthene (filtered)	µg/L	0.025 ^{#6}	See BaP ^{#19}	---	---	---	---	---	---	---
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#19}	<0.005	0.037	<0.005	<0.005	<0.005	<0.005	---
Benzo(a)pyrene (filtered)	µg/L	0.01 ^{#1}	0.00017 ^{#19}	---	---	---	---	---	---	---
Dibenz(a,h)anthracene	µg/L	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	---
Dibenz(a,h)anthracene (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	µg/L	0.025 ^{#6}	See BaP ^{#19}	<0.005	0.032	<0.005	<0.005	<0.005	<0.005	---
Benzo(g,h,i)perylene (filtered)	µg/L	0.025 ^{#6}	See BaP ^{#19}	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#6}	See BaP ^{#19}	<0.005	0.032	<0.005	<0.005	<0.005	<0.005	---
Indeno(1,2,3-c,d)pyrene (filtered)	µg/L	0.025 ^{#6}	See BaP ^{#19}	---	---	---	---	---	---	---



Concrete Leachate

Matrix Description				Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Location Code				FOU-SP601-S5	FOU-SP601-S14	FOU-SP601-S15	FOU-SP601-S17	FOU-SP601-S18	FOU-SP601-S21	FOU-SP603-S4	FOU-SP603-S12
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				744142	744142	744142	744142	744142	744142	744142	744142
Date				24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024	24 Sep 2024
Depth											
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
PAH 16 Total	µg/L	-	-	---	---	---	---	---	---	---	---
PAH 16 Total (filtered)	µg/L	-	-	0.649	6.38	3.15	0.501	0.591	20.4	0.764	5.35
Benzo(b+k)fluoranthene	µg/L	-	-	---	---	---	---	---	---	---	---
BTEX											
Benzene	µg/L	1 ^{#1}	8 ^{#10}	<1	<1	<1	<10	<1	<1	<1	<1
Toluene	µg/L	700 ^{#7}	74 ^{#10}	<1	<1	1.35	<10	1.06	<1	<1	<1
Ethylbenzene	µg/L	300 ^{#7}	20 ^{#20}	<1	<1	<1	<10	<1	<1	<1	<1
Xylene (m & p)	µg/L	250 ^{#8}	15 ^{#21}	<1	<1	1.27	<10	<1	<1	<1	<1
Xylene (o)	µg/L	250 ^{#8}	15 ^{#21}	<1	<1	<1	<10	<1	<1	<1	<1
Xylene Total	µg/L	500 ^{#7}	30 ^{#11}	<2	<2	<2	<20	<2	<2	<2	<2
VOC											
MTBE	µg/L	15 ^{#9}	15 ^{#9}	---	---	---	---	---	---	---	---
Other											
Electrical conductivity *(lab)	µS/cm	-	-	919	1,450	2,360	3,320	1,130	1,420	1,060	2,200
Electrical conductivity *(lab) (filtered)	mg/l	-	-	1	1	1	1	1	1	1	1
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#22}	11.7	11.9	12.2	12.3	11.8	12	11.8	12.2
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#22}	11.7	11.9	12.2	12.3	11.8	12	11.8	12.2



Concrete Leachate

Matrix Description				Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Location Code				FOU-SP603-S13	FOU-SP714-S4	FOU-SP714-S5	FOU-SP714-S6	FOU-SP720-S1	FOU-SP720-S3	FOU-SP721-S1	FOU-SP721-S2
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				744142	743847	743847	743847	735543	735543	735543	735543
Date				24 Sep 2024	28 Aug 2024	28 Aug 2024	28 Aug 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024	15 Jul 2024
Depth					0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
PAH 16 Total	µg/L	-	-	---	---	---	---	---	---	---	---
PAH 16 Total (filtered)	µg/L	-	-	3.07	2.4	---	0.0952	1.18	0.54	0.416	0.245
Benzo(b+k)fluoranthene	µg/L	-	-	---	---	---	---	---	---	---	---
BTEX											
Benzene	µg/L	1 ^{#1}	8 ^{#10}	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	µg/L	700 ^{#7}	74 ^{#10}	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	µg/L	300 ^{#7}	20 ^{#20}	<1	<1	<1	<1	<1	<1	<1	<1
Xylene (m & p)	µg/L	250 ^{#8}	15 ^{#21}	<1	<1	<1	<1	<1	<1	<1	<1
Xylene (o)	µg/L	250 ^{#8}	15 ^{#21}	<1	<1	<1	<1	<1	<1	<1	<1
Xylene Total	µg/L	500 ^{#7}	30 ^{#11}	<2	<2	<2	<2	<2	<2	<2	<2
VOC											
MTBE	µg/L	15 ^{#9}	15 ^{#9}	---	---	---	---	---	---	---	---
Other											
Electrical conductivity *(lab)	µS/cm	-	-	1,310	1,720	1,180	1,760	2,240	1,670	2,410	2,540
Electrical conductivity *(lab) (filtered)	mg/l	-	-	1	1	1	1	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#22}	11.9	12	11.8	12.1	12.1	12	12.2	12.2
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#22}	11.9	12	11.8	12.1	12.1	12	12.2	12.2



Concrete Leachate

Matrix Description				Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Location Code				FOU-SP721-S3	FOU-SP722-S2	FOU-SP722-S3	FOU-SP724-S2	FOU-SP724-S3	FOU-SP725-S1	FOU-SP725-S3	LWW-SP745-S1
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				735543	735543	735543	741639	741639	741639	741639	24-5353-130-190924
Date				15 Jul 2024	15 Jul 2024	15 Jul 2024	27 Aug 2024	27 Aug 2024	27 Aug 2024	27 Aug 2024	01 Aug 2024
Depth				0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
PAH 16 Total	µg/L	-	-	---	---	---	---	---	---	---	---
PAH 16 Total (filtered)	µg/L	-	-	0.371	0.633	0.227	2.68	0.514	0.824	1.94	---
Benzo(b+k)fluoranthene	µg/L	-	-	---	---	---	---	---	---	---	---
BTEX											
Benzene	µg/L	1 ^{#1}	8 ^{#10}	<1	<1	<1	<1	<10	<1	<1	---
Toluene	µg/L	700 ^{#7}	74 ^{#10}	<1	<1	<1	<1	<10	<1	<1	---
Ethylbenzene	µg/L	300 ^{#7}	20 ^{#20}	<1	<1	<1	<1	<10	<1	<1	---
Xylene (m & p)	µg/L	250 ^{#8}	15 ^{#21}	<1	<1	<1	<1	<10	<1	<1	---
Xylene (o)	µg/L	250 ^{#8}	15 ^{#21}	<1	<1	<1	<1	<10	<1	<1	---
Xylene Total	µg/L	500 ^{#7}	30 ^{#11}	<2	<2	<2	<2	<20	<2	<2	---
VOC											
MTBE	µg/L	15 ^{#9}	15 ^{#9}	---	---	---	---	---	---	---	---
Other											
Electrical conductivity *(lab)	µS/cm	-	-	2,180	1,800	2,360	1,950	2,080	1,780	2,160	---
Electrical conductivity *(lab) (filtered)	mg/l	-	-	---	---	---	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#22}	12.1	12.1	12.2	12.1	12.1	12.1	12.1	---
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#22}	12.1	12.1	12.2	12.1	12.1	12.1	12.1	---



Concrete Leachate

Matrix Description				Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Location Code				LWW-SP746-S1	LWW-SP747-S1	LWW-SP748-S1	LWW-SP749-S1	LWW-SP750-S1	LWW-SP751-S1	LWW-SP752-S1
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				24-5353-147-071024	24-5353-147-071024	24-5353-147-071024	24-5353-147-071024	24-5353-147-071024	24-5353-147-071024	24-5353-122-190924
Date				15 Aug 2024	15 Aug 2024	15 Aug 2024	16 Aug 2024	16 Aug 2024	16 Aug 2024	19 Aug 2024
Depth										
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS							
PAH 16 Total	µg/L	-	-	0.437	0.648	<0.173	0.18	0.474	<0.173	---
PAH 16 Total (filtered)	µg/L	-	-	---	---	---	---	---	---	---
Benzo(b+k)fluoranthene	µg/L	-	-	0.008	0.085	<0.008	0.01	<0.008	0.008	---
BTEX										
Benzene	µg/L	1 ^{#1}	8 ^{#10}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---
Toluene	µg/L	700 ^{#7}	74 ^{#10}	<5	<5	<5	<5	<5	<5	---
Ethylbenzene	µg/L	300 ^{#7}	20 ^{#20}	<1	<1	<1	<1	<1	<1	---
Xylene (m & p)	µg/L	250 ^{#8}	15 ^{#21}	<2	<2	<2	<2	<2	<2	---
Xylene (o)	µg/L	250 ^{#8}	15 ^{#21}	<1	<1	<1	<1	<1	<1	---
Xylene Total	µg/L	500 ^{#7}	30 ^{#11}	---	---	---	---	---	---	---
VOC										
MTBE	µg/L	15 ^{#9}	15 ^{#9}	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	---
Other										
Electrical conductivity *(lab)	µS/cm	-	-	---	---	---	---	---	---	---
Electrical conductivity *(lab) (filtered)	mg/l	-	-	---	---	---	---	---	---	---
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#22}	---	---	---	---	---	---	---
pH (Lab) (filtered)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#22}	---	---	---	---	---	---	---

Concrete Leachate

Comments

- #1 Water Supply (Water Quality) Regulations 2016.
- #2 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Based on taste rather than a formal guideline.
- #3 Water Supply (Water Quality) Regulations 2016. As NO3.
- #4 Water Supply (Water Quality) Regulations 2016. As NO2.
- #5 Water Supply (Water Quality) Regulations 2016. As SO4.
- #6 Water Supply (Water Quality) Regulations 2016. Value of 0.1µg/l for PAH split between four individual PAH. Requires summation of benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghiperylene and indeno(123cd)pyrene to use 0.1µg/l value.
- #7 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011
- #8 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Value of 500µg/l for sum xylenes split between isomers. Requires summation of m,p & o isomers to use 500µg/l value.
- #9 The taste and odour threshold of 15µg/l is commonly adopted as a guide.
- #10 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015.
- #11 Operational Targets and EQS. EA, April 2018
- #12 Water Framework Directive (Standards & Classification) Directions (England & Wales) 2015. Dissolved fraction.
- #13 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Dissolved Fraction. If DOC >1mg/l then a higher criteria applies $[3.76+(2.677x((DOC/2)-0.5))]$
- #14 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Based on value for dissolved iron.
- #15 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Dissolved Fraction. MAC adopted in absence of AA value.
- #16 Operational Targets and EQS. EA, April 2018.
- #17 Operational Targets and EQS. EA, April 2018. Dissolved plus ambient background concentration. For saltwater, an Ambient Background Concentration of 1.1 µg/l has been used
- #18 Operational Targets and EQS. EA, April 2018. Based on value for hydrogen sulphide. MAC adopted in absence of AA value.
- #19 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Benzo(a)pyrene can be considered as a marker for other PAH for comparison with the corresponding AA-EQS in water.
- #20 Proposed Environmental Quality Standard, in absence of legislative standard (Ayscough et al., 2002). https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/291223/sp2-115-tr4-e-e.pdf
- #21 Operational Targets and EQS. EA, April 2018. Value of 30µg/l for sum xylenes split between isomers. Requires summation of m,p & o isomers to use 30µg/l value.
- #22 Operational Targets and EQS. EA, April 2018. Maximum Allowable Concentration (MAC) adopted in absence of Annual Average (AA) value.



Refractory Brick Soil

Matrix Description Location Code Matrix Type Lab Report Number Date Depth		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	
		FOU-SP803-S1	FOU-SP803-S1	FOU-SP803-S1	FOU-SP803-S2	FOU-SP803-S2	FOU-SP803-S2	FOU-SP803-S3	FOU-SP803-S3	FOU-SP803-S3	FOU-SP803-S3
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424
		15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023
	Unit										
Metals											
Aluminium	mg/kg	<1,000	---	---	<1,000	---	---	2,938	---	---	---
Antimony	mg/kg	<20	---	---	<20	---	---	<20	---	---	---
Arsenic	mg/kg	<10	---	---	<10	---	---	<10	---	---	---
Barium	mg/kg	31	---	---	<20	---	---	<20	---	---	---
Boron	mg/kg	0.2	---	---	0.1	---	---	0.2	---	---	---
Cadmium	mg/kg	<2	---	---	<2	---	---	<2	---	---	---
Calcium	mg/kg	722	---	---	2,302	---	---	10,670	---	---	---
Chromium (hexavalent)	mg/kg	<0.3	---	---	<0.3	---	---	<0.3	---	---	---
Chromium	mg/kg	14	---	---	29.7	---	---	41.8	---	---	---
Copper	mg/kg	<20	---	---	21	---	---	<20	---	---	---
Iron	mg/kg	1,058	---	---	1,203	---	---	1,817	---	---	---
Lead	mg/kg	<100	---	---	<100	---	---	<100	---	---	---
Magnesium	mg/kg	127	---	---	332	---	---	204	---	---	---
Manganese	mg/kg	22	---	---	73	---	---	61	---	---	---
Mercury	mg/kg	<2	---	---	<2	---	---	<2	---	---	---
Molybdenum	mg/kg	<2	---	---	<2	---	---	<2	---	---	---
Nickel	mg/kg	<14	---	---	<14	---	---	<14	---	---	---
Potassium	mg/kg	---	---	---	---	---	---	---	---	---	---
Selenium	mg/kg	<20	---	---	<20	---	---	<20	---	---	---
Silicon	mg/kg	242.1	---	---	275.2	---	---	334	---	---	---
Sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	<20	---	---	<20	---	---	<20	---	---	---
Zinc	mg/kg	<100	---	---	<100	---	---	<100	---	---	---
Asbestos											
Asbestos Containing Material	Detect	---	---	0	---	---	0	---	---	---	0
Asbestos Containing Material (2)	None	---	---	---	---	---	---	---	---	---	---
Asbestos Type	None	---	---	0	---	---	0	---	---	---	0
Asbestos Type 2	None	---	---	---	---	---	---	---	---	---	---
Asbestos fibres	Detect	---	---	0	---	---	0	---	---	---	0
Asbestos Fibres (2)	None	---	---	---	---	---	---	---	---	---	---
General Description (Bulk Analysis)	None	---	---	1	---	---	1	---	---	---	1
Inorganics											
Inorganic Nitrogen	mg/kg	---	---	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/kg	0.8	---	---	0.6	---	---	0.7	---	---	---
Chloride	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	<0.5	---	---	<0.5	---	---	<0.5	---	---	---
Cyanide Total	mg/kg	<0.5	---	---	<0.5	---	---	<0.5	---	---	---
Cyanide (Complex)	mg/kg	<0.5	---	---	<0.5	---	---	<0.5	---	---	---
Nitrate (as NO3-)	mg/kg	43.4	---	---	<2.5	---	---	<2.5	---	---	---
Nitrite (as NO2-)	mg/kg	<0.05	---	---	<0.05	---	---	<0.05	---	---	---
Sulphate	mg/kg	655	---	---	873	---	---	1,842	---	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	0.3286	---	---	0.1798	---	---	1.3589	---	---	---
Phosphorus	mg/kg	<200	---	---	<200	---	---	<200	---	---	---
Sulphur as S	%	0.02	---	---	0.04	---	---	0.07	---	---	---
Sulphide	mg/kg	<10	---	---	<10	---	---	<10	---	---	---
Thiocyanate (as SCN)	mg/kg	<0.6	---	---	<0.6	---	---	<0.6	---	---	---
Ortho phosphate as PO4	mg/kg	<0.3	---	---	<0.3	---	---	<0.3	---	---	---
TPH CWG											
>C5-C6 Aliphatics	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	---
>C6-C8 Aliphatics	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	---
>C8-C10 Aliphatics	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	---
>C10-C12 Aliphatics	mg/kg	<0.2	---	---	<0.2	---	---	<0.2	---	---	---
>C12-C16 Aliphatics	mg/kg	<4	---	---	<4	---	---	<4	---	---	---
>C16-C21 Aliphatics	mg/kg	<7	---	---	<7	---	---	<7	---	---	---
>C21-C35 Aliphatics	mg/kg	<7	---	---	<7	---	---	<7	---	---	---
>C35-C44 Aliphatics	mg/kg	<7	---	---	<7	---	---	<7	---	---	---
Total Aliphatics >C5-C44	mg/kg	<26	---	---	<26	---	---	<26	---	---	---
>EC5-EC7 Aromatics	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	---
>EC7-EC8 Aromatics	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	---
>EC8-EC10 Aromatics	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	---
>EC10-EC12 Aromatics	mg/kg	<0.2	---	---	<0.2	---	---	<0.2	---	---	---
>EC12-EC16 Aromatics	mg/kg	<4	---	---	<4	---	---	<4	---	---	---
>EC16-EC21 Aromatics	mg/kg	<7	---	---	<7	---	---	<7	---	---	---
>EC21-EC35 Aromatics	mg/kg	<7	---	---	<7	---	---	<7	---	---	---
>EC35-EC44 Aromatics	mg/kg	<7	---	---	<7	---	---	<7	---	---	---
Total Aromatics >EC5-EC44	mg/kg	<26	---	---	<26	---	---	<26	---	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	<52	---	---	<52	---	---	<52	---	---	---
BTEX and MTBE											
Benzene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
Toluene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
Ethylbenzene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
Xylene (m & p)	mg/kg	<0.005	---	---	<0.005	---	---	<0.005	---	---	---



Refractory Brick Soil

Matrix Description		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code		FOU-SP803-S4	FOU-SP803-S4	FOU-SP803-S4	FOU-SP803-S5	FOU-SP803-S5	FOU-SP803-S5	FOU-SP803-S6	FOU-SP803-S6	FOU-SP803-S6	FOU-SP803-S8
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424
Date		15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023
Depth											
	Unit										
Metals											
Aluminium	mg/kg	<1,000	---	---	1,763	---	---	<1,000	---	---	<1,000
Antimony	mg/kg	<20	---	---	<20	---	---	<20	---	---	<20
Arsenic	mg/kg	<10	---	---	<10	---	---	<10	---	---	<10
Barium	mg/kg	40	---	---	<20	---	---	<20	---	---	<20
Boron	mg/kg	0.2	---	---	<0.1	---	---	<0.1	---	---	<0.1
Cadmium	mg/kg	<2	---	---	<2	---	---	<2	---	---	<2
Calcium	mg/kg	<500	---	---	11,040	---	---	997	---	---	<500
Chromium (hexavalent)	mg/kg	<0.3	---	---	<0.3	---	---	<0.3	---	---	<0.3
Chromium	mg/kg	17.9	---	---	23.3	---	---	65.5	---	---	<10
Copper	mg/kg	<20	---	---	<20	---	---	26	---	---	<20
Iron	mg/kg	2,976	---	---	1,283	---	---	4,328	---	---	<400
Lead	mg/kg	<100	---	---	<100	---	---	<100	---	---	<100
Magnesium	mg/kg	183	---	---	75	---	---	111	---	---	37
Manganese	mg/kg	31	---	---	24	---	---	<20	---	---	<20
Mercury	mg/kg	<2	---	---	<2	---	---	<2	---	---	<2
Molybdenum	mg/kg	<2	---	---	<2	---	---	<2	---	---	<2
Nickel	mg/kg	<14	---	---	<14	---	---	<14	---	---	<14
Potassium	mg/kg	---	---	---	---	---	---	---	---	---	---
Selenium	mg/kg	<20	---	---	<20	---	---	<20	---	---	<20
Silicon	mg/kg	213.7	---	---	328.9	---	---	302.7	---	---	162.2
Sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	<20	---	---	<20	---	---	<20	---	---	<20
Zinc	mg/kg	<100	---	---	<100	---	---	<100	---	---	<100
Asbestos											
Asbestos Containing Material	Detect	---	---	0	---	---	0	---	---	0	---
Asbestos Containing Material (2)	None	---	---	---	---	---	---	---	---	---	---
Asbestos Type	None	---	---	0	---	---	0	---	---	0	---
Asbestos Type 2	None	---	---	---	---	---	---	---	---	---	---
Asbestos fibres	Detect	---	---	0	---	---	0	---	---	0	---
Asbestos Fibres (2)	None	---	---	---	---	---	---	---	---	---	---
General Description (Bulk Analysis)	None	---	---	1	---	---	1	---	---	1	---
Inorganics											
Inorganic Nitrogen	mg/kg	---	---	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/kg	72.7	---	---	<0.6	---	---	0.8	---	---	<0.6
Chloride	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	<0.5	---	---	<0.5	---	---	<0.5	---	---	<0.5
Cyanide Total	mg/kg	<0.5	---	---	<0.5	---	---	<0.5	---	---	<0.5
Cyanide (Complex)	mg/kg	<0.5	---	---	<0.5	---	---	<0.5	---	---	<0.5
Nitrate (as NO3-)	mg/kg	99.2	---	---	<2.5	---	---	<2.5	---	---	<2.5
Nitrite (as NO2-)	mg/kg	<0.05	---	---	<0.05	---	---	<0.05	---	---	<0.05
Sulphate	mg/kg	6,893	---	---	<500	---	---	3,751	---	---	<500
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	3.0453	---	---	0.0285	---	---	0.2426	---	---	0.0361
Phosphorus	mg/kg	<200	---	---	<200	---	---	<200	---	---	<200
Sulphur as S	%	0.23	---	---	0.02	---	---	0.14	---	---	0.02
Sulphide	mg/kg	<10	---	---	<10	---	---	<10	---	---	<10
Thiocyanate (as SCN)	mg/kg	<0.6	---	---	<0.6	---	---	<0.6	---	---	<0.6
Ortho phosphate as PO4	mg/kg	<0.3	---	---	<0.3	---	---	<0.3	---	---	<0.3
TPH CWG											
>C5-C6 Aliphatics	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	<0.1
>C6-C8 Aliphatics	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	<0.1
>C8-C10 Aliphatics	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	<0.1
>C10-C12 Aliphatics	mg/kg	<0.2	---	---	<0.2	---	---	<0.2	---	---	<0.2
>C12-C16 Aliphatics	mg/kg	<4	---	---	<4	---	---	<4	---	---	<4
>C16-C21 Aliphatics	mg/kg	<7	---	---	<7	---	---	<7	---	---	<7
>C21-C35 Aliphatics	mg/kg	<7	---	---	<7	---	---	<7	---	---	<7
>C35-C44 Aliphatics	mg/kg	<7	---	---	<7	---	---	<7	---	---	<7
Total Aliphatics >C5-C44	mg/kg	<26	---	---	<26	---	---	<26	---	---	<26
>EC5-EC7 Aromatics	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	<0.1
>EC7-EC8 Aromatics	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	<0.1
>EC8-EC10 Aromatics	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	<0.1
>EC10-EC12 Aromatics	mg/kg	<0.2	---	---	<0.2	---	---	<0.2	---	---	<0.2
>EC12-EC16 Aromatics	mg/kg	<4	---	---	<4	---	---	<4	---	---	<4
>EC16-EC21 Aromatics	mg/kg	<7	---	---	<7	---	---	<7	---	---	<7
>EC21-EC35 Aromatics	mg/kg	<7	---	---	<7	---	---	<7	---	---	<7
>EC35-EC44 Aromatics	mg/kg	<7	---	---	<7	---	---	<7	---	---	<7
Total Aromatics >EC5-EC44	mg/kg	<26	---	---	<26	---	---	<26	---	---	<26
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	<52	---	---	<52	---	---	<52	---	---	<52
BTEX and MTBE											
Benzene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
Toluene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
Ethylbenzene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
Xylene (m & p)	mg/kg	<0.005	---	---	<0.005	---	---	<0.005	---	---	<0.005



Refractory Brick Soil

Matrix Description Location Code Matrix Type Lab Report Number Date Depth		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	
		FOU-SP803-S8	FOU-SP803-S8	FOU-SP803-S9	FOU-SP803-S9	FOU-SP803-S9	FOU-SP803-S10	FOU-SP803-S10	FOU-SP803-S10	FOU-SP803-S11	FOU-SP803-S11
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324
		15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023
	Unit										
Metals											
Aluminium	mg/kg	---	---	3,276	---	---	<1,000	---	---	2,111	---
Antimony	mg/kg	---	---	<20	---	---	<20	---	---	<20	---
Arsenic	mg/kg	---	---	<10	---	---	<10	---	---	<10	---
Barium	mg/kg	---	---	<20	---	---	<20	---	---	<20	---
Boron	mg/kg	---	---	0.3	---	---	<0.1	---	---	<0.1	---
Cadmium	mg/kg	---	---	<2	---	---	<2	---	---	<2	---
Calcium	mg/kg	---	---	12,910	---	---	512	---	---	1,698	---
Chromium (hexavalent)	mg/kg	---	---	<0.3	---	---	<0.3	---	---	<0.3	---
Chromium	mg/kg	---	---	43.4	---	---	17.4	---	---	44	---
Copper	mg/kg	---	---	<20	---	---	<20	---	---	<20	---
Iron	mg/kg	---	---	2,938	---	---	5,535	---	---	1,512	---
Lead	mg/kg	---	---	<100	---	---	<100	---	---	<100	---
Magnesium	mg/kg	---	---	217	---	---	153	---	---	295	---
Manganese	mg/kg	---	---	37	---	---	<20	---	---	<20	---
Mercury	mg/kg	---	---	<2	---	---	<2	---	---	<2	---
Molybdenum	mg/kg	---	---	<2	---	---	<2	---	---	<2	---
Nickel	mg/kg	---	---	<14	---	---	<14	---	---	<14	---
Potassium	mg/kg	---	---	---	---	---	---	---	---	---	---
Selenium	mg/kg	---	---	<20	---	---	<20	---	---	<20	---
Silicon	mg/kg	---	---	269.5	---	---	271.5	---	---	293.6	---
Sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	---	---	<20	---	---	<20	---	---	<20	---
Zinc	mg/kg	---	---	<100	---	---	<100	---	---	<100	---
Asbestos											
Asbestos Containing Material	Detect	---	0	---	---	0	---	---	0	---	---
Asbestos Containing Material (2)	None	---	---	---	---	---	---	---	---	---	---
Asbestos Type	None	---	0	---	---	0	---	---	0	---	---
Asbestos Type 2	None	---	---	---	---	---	---	---	---	---	---
Asbestos fibres	Detect	---	0	---	---	0	---	---	0	---	---
Asbestos Fibres (2)	None	---	---	---	---	---	---	---	---	---	---
General Description (Bulk Analysis)	None	---	1	---	---	1	---	---	1	---	---
Inorganics											
Inorganic Nitrogen	mg/kg	---	---	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/kg	---	---	0.7	---	---	<0.6	---	---	<0.6	---
Chloride	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	---	<0.5	---	---	<0.5	---	---	<0.5	---
Cyanide Total	mg/kg	---	---	<0.5	---	---	<0.5	---	---	<0.5	---
Cyanide (Complex)	mg/kg	---	---	<0.5	---	---	<0.5	---	---	<0.5	---
Nitrate (as NO3-)	mg/kg	---	---	<2.5	---	---	<2.5	---	---	<2.5	---
Nitrite (as NO2-)	mg/kg	---	---	<0.05	---	---	<0.05	---	---	<0.05	---
Sulphate	mg/kg	---	---	7,787	---	---	700	---	---	<500	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	---	1.2859	---	---	0.0713	---	---	0.0461	---
Phosphorus	mg/kg	---	---	<200	---	---	<200	---	---	<200	---
Sulphur as S	%	---	---	0.3	---	---	0.04	---	---	0.01	---
Sulphide	mg/kg	---	---	<10	---	---	<10	---	---	<10	---
Thiocyanate (as SCN)	mg/kg	---	---	<0.6	---	---	<0.6	---	---	<0.6	---
Ortho phosphate as PO4	mg/kg	---	---	<0.3	---	---	<0.3	---	---	<0.3	---
TPH CWG											
>C5-C6 Aliphatics	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---
>C6-C8 Aliphatics	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---
>C8-C10 Aliphatics	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---
>C10-C12 Aliphatics	mg/kg	---	---	<0.2	---	---	<0.2	---	---	<0.2	---
>C12-C16 Aliphatics	mg/kg	---	---	<4	---	---	<4	---	---	<4	---
>C16-C21 Aliphatics	mg/kg	---	---	<7	---	---	<7	---	---	<7	---
>C21-C35 Aliphatics	mg/kg	---	---	<7	---	---	<7	---	---	<7	---
>C35-C44 Aliphatics	mg/kg	---	---	<7	---	---	<7	---	---	<7	---
Total Aliphatics >C5-C44	mg/kg	---	---	<26	---	---	<26	---	---	<26	---
>EC5-EC7 Aromatics	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---
>EC7-EC8 Aromatics	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---
>EC8-EC10 Aromatics	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---
>EC10-EC12 Aromatics	mg/kg	---	---	<0.2	---	---	<0.2	---	---	<0.2	---
>EC12-EC16 Aromatics	mg/kg	---	---	<4	---	---	<4	---	---	<4	---
>EC16-EC21 Aromatics	mg/kg	---	---	<7	---	---	<7	---	---	<7	---
>EC21-EC35 Aromatics	mg/kg	---	---	<7	---	---	<7	---	---	<7	---
>EC35-EC44 Aromatics	mg/kg	---	---	<7	---	---	<7	---	---	<7	---
Total Aromatics >EC5-EC44	mg/kg	---	---	<26	---	---	<26	---	---	<26	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	<52	---	---	<52	---	---	<52	---
BTEX and MTBE											
Benzene	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
Toluene	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
Ethylbenzene	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
Xylene (m & p)	mg/kg	---	---	<0.005	---	---	<0.005	---	---	<0.005	---

Matrix Description Location Code Matrix Type Lab Report Number Date Depth		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	
		FOU-SP803-S11	FOU-SP803-S12	FOU-SP803-S12	FOU-SP803-S12	FOU-SP803-S13	FOU-SP803-S13	FOU-SP803-S13	FOU-SP803-S14	FOU-SP803-S14	FOU-SP803-S14
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424
		15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023
	Unit										
Metals											
Aluminium	mg/kg	---	<1,000	---	---	<1,000	---	---	<1,000	---	---
Antimony	mg/kg	---	<20	---	---	<20	---	---	<20	---	---
Arsenic	mg/kg	---	<10	---	---	<10	---	---	<10	---	---
Barium	mg/kg	---	<20	---	---	<20	---	---	<20	---	---
Boron	mg/kg	---	<0.1	---	---	<0.1	---	---	<0.1	---	---
Cadmium	mg/kg	---	<2	---	---	<2	---	---	<2	---	---
Calcium	mg/kg	---	<500	---	---	<500	---	---	2,130	---	---
Chromium (hexavalent)	mg/kg	---	<0.3	---	---	<0.3	---	---	<0.3	---	---
Chromium	mg/kg	---	60.6	---	---	62.1	---	---	27.9	---	---
Copper	mg/kg	---	<20	---	---	<20	---	---	<20	---	---
Iron	mg/kg	---	1,164	---	---	1,330	---	---	1,642	---	---
Lead	mg/kg	---	<100	---	---	<100	---	---	<100	---	---
Magnesium	mg/kg	---	64	---	---	58	---	---	928	---	---
Manganese	mg/kg	---	<20	---	---	<20	---	---	91	---	---
Mercury	mg/kg	---	<2	---	---	<2	---	---	<2	---	---
Molybdenum	mg/kg	---	<2	---	---	<2	---	---	<2	---	---
Nickel	mg/kg	---	<14	---	---	<14	---	---	<14	---	---
Potassium	mg/kg	---	---	---	---	---	---	---	---	---	---
Selenium	mg/kg	---	<20	---	---	<20	---	---	<20	---	---
Silicon	mg/kg	---	254.5	---	---	252.4	---	---	256.3	---	---
Sodium	mg/kg	---	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	---	<20	---	---	<20	---	---	<20	---	---
Zinc	mg/kg	---	<100	---	---	<100	---	---	<100	---	---
Asbestos											
Asbestos Containing Material	Detect	0	---	---	0	---	---	0	---	---	0
Asbestos Containing Material (2)	None	---	---	---	---	---	---	---	---	---	---
Asbestos Type	None	0	---	---	0	---	---	0	---	---	0
Asbestos Type 2	None	---	---	---	---	---	---	---	---	---	---
Asbestos fibres	Detect	0	---	---	0	---	---	0	---	---	0
Asbestos Fibres (2)	None	---	---	---	---	---	---	---	---	---	---
General Description (Bulk Analysis)	None	1	---	---	1	---	---	1	---	---	1
Inorganics											
Inorganic Nitrogen	mg/kg	---	---	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/kg	---	2.8	---	---	<0.6	---	---	0.9	---	---
Chloride	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	---	<0.5	---	---	<0.5	---	---	<0.5	---	---
Cyanide Total	mg/kg	---	<0.5	---	---	<0.5	---	---	<0.5	---	---
Cyanide (Complex)	mg/kg	---	<0.5	---	---	<0.5	---	---	<0.5	---	---
Nitrate (as NO3-)	mg/kg	---	<2.5	---	---	<2.5	---	---	<2.5	---	---
Nitrite (as NO2-)	mg/kg	---	<0.05	---	---	<0.05	---	---	<0.05	---	---
Sulphate	mg/kg	---	<500	---	---	<500	---	---	<500	---	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	0.0628	---	---	0.0148	---	---	0.0721	---	---
Phosphorus	mg/kg	---	<200	---	---	<200	---	---	<200	---	---
Sulphur as S	%	---	0.01	---	---	0.01	---	---	0.02	---	---
Sulphide	mg/kg	---	<10	---	---	<10	---	---	<10	---	---
Thiocyanate (as SCN)	mg/kg	---	<0.6	---	---	<0.6	---	---	<0.6	---	---
Ortho phosphate as PO4	mg/kg	---	<0.3	---	---	<0.3	---	---	<0.3	---	---
TPH CWG											
>C5-C6 Aliphatics	mg/kg	---	<0.1	---	---	<0.1	---	---	<0.1	---	---
>C6-C8 Aliphatics	mg/kg	---	<0.1	---	---	<0.1	---	---	<0.1	---	---
>C8-C10 Aliphatics	mg/kg	---	<0.1	---	---	<0.1	---	---	<0.1	---	---
>C10-C12 Aliphatics	mg/kg	---	<0.2	---	---	<0.2	---	---	<0.2	---	---
>C12-C16 Aliphatics	mg/kg	---	<4	---	---	<4	---	---	<4	---	---
>C16-C21 Aliphatics	mg/kg	---	<7	---	---	<7	---	---	<7	---	---
>C21-C35 Aliphatics	mg/kg	---	<7	---	---	<7	---	---	<7	---	---
>C35-C44 Aliphatics	mg/kg	---	<7	---	---	<7	---	---	<7	---	---
Total Aliphatics >C5-C44	mg/kg	---	<26	---	---	<26	---	---	<26	---	---
>EC5-EC7 Aromatics	mg/kg	---	<0.1	---	---	<0.1	---	---	<0.1	---	---
>EC7-EC8 Aromatics	mg/kg	---	<0.1	---	---	<0.1	---	---	<0.1	---	---
>EC8-EC10 Aromatics	mg/kg	---	<0.1	---	---	<0.1	---	---	<0.1	---	---
>EC10-EC12 Aromatics	mg/kg	---	<0.2	---	---	<0.2	---	---	<0.2	---	---
>EC12-EC16 Aromatics	mg/kg	---	<4	---	---	<4	---	---	<4	---	---
>EC16-EC21 Aromatics	mg/kg	---	<7	---	---	<7	---	---	<7	---	---
>EC21-EC35 Aromatics	mg/kg	---	<7	---	---	<7	---	---	<7	---	---
>EC35-EC44 Aromatics	mg/kg	---	<7	---	---	<7	---	---	<7	---	---
Total Aromatics >EC5-EC44	mg/kg	---	<26	---	---	<26	---	---	<26	---	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	<52	---	---	<52	---	---	<52	---	---
BTEX and MTBE											
Benzene	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
Toluene	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
Ethylbenzene	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
Xylene (m & p)	mg/kg	---	<0.005	---	---	<0.005	---	---	<0.005	---	---

Refractory Brick Soil



Matrix Description Location Code Matrix Type Lab Report Number Date Depth	Unit	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
		FOU-SP803-S15	FOU-SP803-S15	FOU-SP803-S15	FOU-SP803-S16	FOU-SP803-S16	FOU-SP803-S16	FOU-SP804-S1	FOU-SP804-S1	FOU-SP804-S1	FOU-SP805-S2
		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2875-1-070324	24-2875-1-180324	24-2875-1-180424	24-2875-1-070324
		15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	19 Feb 2024	19 Feb 2024	19 Feb 2024	19 Feb 2024
Metals											
Aluminium	mg/kg	3,559	---	---	1,126	---	---	3,203	---	---	386
Antimony	mg/kg	<20	---	---	<20	---	---	<1	---	---	<1
Arsenic	mg/kg	<10	---	---	<10	---	---	2.1	---	---	0.8
Barium	mg/kg	31	---	---	<20	---	---	37	---	---	3
Boron	mg/kg	<0.1	---	---	<0.1	---	---	0.3	---	---	0.1
Cadmium	mg/kg	<2	---	---	<2	---	---	0.5	---	---	0.4
Calcium	mg/kg	12,650	---	---	<500	---	---	4,437	---	---	<500
Chromium (hexavalent)	mg/kg	<0.3	---	---	<0.3	---	---	<0.3	---	---	<0.3
Chromium	mg/kg	24.6	---	---	83	---	---	34.3	---	---	15.6
Copper	mg/kg	29	---	---	<20	---	---	5	---	---	13
Iron	mg/kg	4,245	---	---	994	---	---	---	---	1,959	---
Lead	mg/kg	824	---	---	<100	---	---	107	---	---	<5
Magnesium	mg/kg	51	---	---	43	---	---	764	---	---	102
Manganese	mg/kg	<20	---	---	<20	---	---	56	---	---	7
Mercury	mg/kg	<2	---	---	<2	---	---	<0.1	---	---	<0.1
Molybdenum	mg/kg	3.9	---	---	<2	---	---	0.3	---	---	0.6
Nickel	mg/kg	<14	---	---	<14	---	---	8.1	---	---	2.3
Potassium	mg/kg	---	---	---	---	---	---	762	---	---	239
Selenium	mg/kg	<20	---	---	<20	---	---	<1	---	---	<1
Silicon	mg/kg	241.5	---	---	223.4	---	---	214	---	---	171.5
Sodium	mg/kg	---	---	---	---	---	---	640	---	---	134
Vanadium	mg/kg	28	---	---	<20	---	---	15	---	---	4
Zinc	mg/kg	<100	---	---	<100	---	---	134	---	---	10
Asbestos											
Asbestos Containing Material	Detect	---	---	0	---	---	0	---	---	0	---
Asbestos Containing Material (2)	None	---	---	---	---	---	---	---	---	0	---
Asbestos Type	None	---	---	0	---	---	0	---	---	0	---
Asbestos Type 2	None	---	---	---	---	---	---	---	---	0	---
Asbestos fibres	Detect	---	---	0	---	---	0	---	---	0	---
Asbestos Fibres (2)	None	---	---	---	---	---	---	---	---	0	---
General Description (Bulk Analysis)	None	---	---	1	---	---	1	---	---	1	---
Inorganics											
Inorganic Nitrogen	mg/kg	---	---	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/kg	5.8	---	---	58.9	---	---	---	---	<0.6	---
Chloride	mg/kg	---	---	---	---	---	---	---	---	13	---
Cyanide (Free)	mg/kg	<0.5	---	---	<0.5	---	---	<0.5	---	---	<0.5
Cyanide Total	mg/kg	<0.5	---	---	<0.5	---	---	<0.5	---	---	<0.5
Cyanide (Complex)	mg/kg	<0.5	---	---	<0.5	---	---	---	---	<0.5	---
Nitrate (as NO3-)	mg/kg	110.7	---	---	50.9	---	---	---	---	<2.5	---
Nitrite (as NO2-)	mg/kg	<0.05	---	---	<0.05	---	---	---	---	<0.05	---
Sulphate	mg/kg	26,910	---	---	5,513	---	---	296	---	---	1,336
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	1.581	---	---	3.9573	---	---	---	---	0.0306	---
Phosphorus	mg/kg	<200	---	---	<200	---	---	94	---	---	<10
Sulphur as S	%	1.29	---	---	0.21	---	---	0.02	---	---	0.11
Sulphide	mg/kg	<10	---	---	<10	---	---	---	---	<10	---
Thiocyanate (as SCN)	mg/kg	<0.6	---	---	<0.6	---	---	---	---	<0.6	---
Ortho phosphate as PO4	mg/kg	<0.3	---	---	<0.3	---	---	---	---	0.6	---
TPH CWG											
>C5-C6 Aliphatics	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	<0.1
>C6-C8 Aliphatics	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	<0.1
>C8-C10 Aliphatics	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	<0.1
>C10-C12 Aliphatics	mg/kg	<0.2	---	---	<0.2	---	---	<0.2	---	---	<0.2
>C12-C16 Aliphatics	mg/kg	<4	---	---	<4	---	---	<4	---	---	<4
>C16-C21 Aliphatics	mg/kg	<7	---	---	<7	---	---	<7	---	---	<7
>C21-C35 Aliphatics	mg/kg	<7	---	---	<7	---	---	<7	---	---	<7
>C35-C44 Aliphatics	mg/kg	<7	---	---	<7	---	---	<7	---	---	<7
Total Aliphatics >C5-C44	mg/kg	<26	---	---	<26	---	---	<26	---	---	<26
>EC5-EC7 Aromatics	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	<0.1
>EC7-EC8 Aromatics	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	<0.1
>EC8-EC10 Aromatics	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	<0.1
>EC10-EC12 Aromatics	mg/kg	<0.2	---	---	<0.2	---	---	<0.2	---	---	<0.2
>EC12-EC16 Aromatics	mg/kg	<4	---	---	<4	---	---	<4	---	---	<4
>EC16-EC21 Aromatics	mg/kg	<7	---	---	<7	---	---	<7	---	---	<7
>EC21-EC35 Aromatics	mg/kg	<7	---	---	<7	---	---	<7	---	---	<7
>EC35-EC44 Aromatics	mg/kg	<7	---	---	<7	---	---	<7	---	---	<7
Total Aromatics >EC5-EC44	mg/kg	<26	---	---	<26	---	---	<26	---	---	<26
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	<52	---	---	<52	---	---	<52	---	---	<52
BTEX and MTBE											
Benzene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	<0.003	<0.003
Toluene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	<0.003	<0.003
Ethylbenzene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	<0.003	<0.003
Xylene (m & p)	mg/kg	<0.005	---	---	<0.005	---	---	<0.005	---	<0.005	<0.005



Refractory Brick Soil

Matrix Description		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code		FOU-SP805-S2	FOU-SP805-S2	FOU-SP805-S5	FOU-SP805-S5	FOU-SP805-S5	FOU-SP805-S10	FOU-SP805-S10	FOU-SP805-S10	FOU-SP805-S13	FOU-SP805-S13
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-2875-1-180324	24-2875-1-180424	24-2875-1-070324	24-2875-1-180324	24-2875-1-180424	24-3246-1-070324	24-3246-1-180324	24-3246-1-180424	24-3246-1-070324	24-3246-1-180324
Date		19 Feb 2024	19 Feb 2024	19 Feb 2024	19 Feb 2024	19 Feb 2024	20 Feb 2024	20 Feb 2024	20 Feb 2024	20 Feb 2024	20 Feb 2024
Depth											
	Unit										
Metals											
Aluminium	mg/kg	---	---	1,042	---	---	---	---	4,854	---	---
Antimony	mg/kg	---	---	<1	---	---	---	---	<1	---	---
Arsenic	mg/kg	---	---	1.2	---	---	---	---	0.5	---	---
Barium	mg/kg	---	---	9	---	---	---	---	30	---	---
Boron	mg/kg	---	---	<0.1	---	---	0.1	---	---	0.1	---
Cadmium	mg/kg	---	---	0.3	---	---	---	---	<0.1	---	---
Calcium	mg/kg	---	---	1,962	---	---	15,340	---	---	536	---
Chromium (hexavalent)	mg/kg	---	---	<0.3	---	---	<0.3	---	---	<0.3	---
Chromium	mg/kg	---	---	24.7	---	---	---	---	90.6	---	---
Copper	mg/kg	---	---	8	---	---	---	---	2	---	---
Iron	mg/kg	---	394	---	---	1,081	---	---	3,814	---	---
Lead	mg/kg	---	---	<5	---	---	---	---	<5	---	---
Magnesium	mg/kg	---	---	123	---	---	287	---	---	78	---
Manganese	mg/kg	---	---	11	---	---	---	---	56	---	---
Mercury	mg/kg	---	---	<0.1	---	---	---	---	<0.1	---	---
Molybdenum	mg/kg	---	---	0.7	---	---	---	---	6.6	---	---
Nickel	mg/kg	---	---	3.7	---	---	---	---	2.4	---	---
Potassium	mg/kg	---	---	452	---	---	37	---	---	109	---
Selenium	mg/kg	---	---	<1	---	---	---	---	<1	---	---
Silicon	mg/kg	---	---	241.7	---	---	216	---	---	245.9	---
Sodium	mg/kg	---	---	77	---	---	69	---	---	39	---
Vanadium	mg/kg	---	---	114	---	---	---	---	8	---	---
Zinc	mg/kg	---	---	16	---	---	---	---	6	---	---
Asbestos											
Asbestos Containing Material	Detect	---	0	---	---	0	---	---	0	---	---
Asbestos Containing Material (2)	None	---	---	---	---	0	---	---	---	---	---
Asbestos Type	None	---	0	---	---	0	---	---	0	---	---
Asbestos Type 2	None	---	---	---	---	0	---	---	---	---	---
Asbestos fibres	Detect	---	0	---	---	0	---	---	0	---	---
Asbestos Fibres (2)	None	---	---	---	---	0	---	---	---	---	---
General Description (Bulk Analysis)	None	---	1	---	---	1	---	---	1	---	---
Inorganics											
Inorganic Nitrogen	mg/kg	---	---	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/kg	---	136.3	---	---	22.1	---	---	<0.6	---	---
Chloride	mg/kg	---	111	---	---	30	---	---	16	---	---
Cyanide (Free)	mg/kg	---	---	<0.5	---	---	<0.5	---	---	<0.5	---
Cyanide Total	mg/kg	---	---	<0.5	---	---	<0.5	---	---	<0.5	---
Cyanide (Complex)	mg/kg	---	<0.5	---	---	<0.5	---	---	<0.5	---	---
Nitrate (as NO3-)	mg/kg	---	88.1	---	---	17.7	---	---	<2.5	---	---
Nitrite (as NO2-)	mg/kg	---	<0.05	---	---	<0.05	---	---	<0.05	---	---
Sulphate	mg/kg	---	---	3,661	---	---	67	---	---	579	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	---	0.5632	---	---	1,2039	---	---	0.0488	---	---
Phosphorus	mg/kg	---	---	20	---	---	---	---	44	---	---
Sulphur as S	%	---	---	0.17	---	---	<0.01	---	---	0.02	---
Sulphide	mg/kg	---	<10	---	---	<10	---	---	<10	---	---
Thiocyanate (as SCN)	mg/kg	---	0.9	---	---	<0.6	---	---	<0.6	---	---
Ortho phosphate as PO4	mg/kg	---	<0.3	---	---	<0.3	---	---	3	---	---
TPH CWG											
>C5-C6 Aliphatics	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---
>C6-C8 Aliphatics	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---
>C8-C10 Aliphatics	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---
>C10-C12 Aliphatics	mg/kg	---	---	<0.2	---	---	<0.2	---	---	<0.2	---
>C12-C16 Aliphatics	mg/kg	---	---	<4	---	---	<4	---	---	<4	---
>C16-C21 Aliphatics	mg/kg	---	---	<7	---	---	<7	---	---	<7	---
>C21-C35 Aliphatics	mg/kg	---	---	<7	---	---	<7	---	---	<7	---
>C35-C44 Aliphatics	mg/kg	---	---	<7	---	---	<7	---	---	<7	---
Total Aliphatics >C5-C44	mg/kg	---	---	<26	---	---	<26	---	---	<26	---
>EC5-EC7 Aromatics	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---
>EC7-EC8 Aromatics	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---
>EC8-EC10 Aromatics	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---
>EC10-EC12 Aromatics	mg/kg	---	---	<0.2	---	---	<0.2	---	---	<0.2	---
>EC12-EC16 Aromatics	mg/kg	---	---	<4	---	---	<4	---	---	<4	---
>EC16-EC21 Aromatics	mg/kg	---	---	<7	---	---	<7	---	---	<7	---
>EC21-EC35 Aromatics	mg/kg	---	---	<7	---	---	<7	---	---	<7	---
>EC35-EC44 Aromatics	mg/kg	---	---	<7	---	---	<7	---	---	<7	---
Total Aromatics >EC5-EC44	mg/kg	---	---	<26	---	---	<26	---	---	<26	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	---	<52	---	---	<52	---	---	<52	---
BTEx and MTBE											
Benzene	mg/kg	---	<0.003	<0.003	---	<0.003	---	---	<0.003	---	---
Toluene	mg/kg	---	<0.003	<0.003	---	<0.003	---	---	<0.003	---	---
Ethylbenzene	mg/kg	---	<0.003	<0.003	---	<0.003	---	---	<0.003	---	---
Xylene (m & p)	mg/kg	---	<0.005	<0.005	---	<0.005	---	---	<0.005	---	---

	Unit										
Metals											
Aluminium	mg/kg	1,090	6,154	---	---	2,511	2,321	2,615	1,709	1,431	---
Antimony	mg/kg	<1	<20	---	---	<1	<20	<20	<20	<20	---
Arsenic	mg/kg	1.2	<10	---	---	1.9	<10	<10	<10	<10	---
Barium	mg/kg	8	34	---	---	43	20	<20	<20	<20	---
Boron	mg/kg	---	0.2	1	---	---	0.2	0.2	0.2	0.2	---
Cadmium	mg/kg	<0.1	<2	---	---	0.2	<2	<2	<2	<2	---
Calcium	mg/kg	---	1,192	1,987	---	---	12,940	16,370	680	10,790	---
Chromium (hexavalent)	mg/kg	---	<0.3	<0.3	---	---	<0.3	<0.3	<0.3	<0.3	---
Chromium	mg/kg	69.5	31	---	---	65.4	44.8	56	47.2	42	---
Copper	mg/kg	11	<20	---	---	17	<20	<20	<20	<20	---
Iron	mg/kg	1,604	4,105	---	---	3,079	2,163	2,799	<400	976	---
Lead	mg/kg	<5	<100	---	---	<5	<100	<100	<100	<100	---
Magnesium	mg/kg	---	1,194	415	---	---	220	298	325	72	---
Manganese	mg/kg	9	26	---	---	18	34	50	<20	36	---
Mercury	mg/kg	<0.1	<2	---	---	<0.1	<2	<2	<2	<2	---
Molybdenum	mg/kg	5.9	4.1	---	---	5.7	3.9	4.4	4.4	3.7	---
Nickel	mg/kg	6.1	14.2	---	---	19.7	<14	<14	<14	<14	---
Potassium	mg/kg	---	---	217	---	---	---	---	---	---	---
Selenium	mg/kg	<1	<20	---	---	<1	<20	<20	<20	<20	---
Silicon	mg/kg	---	296.2	245.8	---	---	202.2	288.1	289.4	288	---
Sodium	mg/kg	---	---	56	---	---	---	---	---	---	---
Vanadium	mg/kg	15	22	---	---	13	<20	<20	<20	<20	---
Zinc	mg/kg	<5	<100	---	---	32	<100	<100	<100	<100	---
Asbestos											
Asbestos Containing Material	Detect	0	---	---	---	0	---	---	---	---	---
Asbestos Containing Material (2)	None	---	---	---	---	---	---	---	---	---	---
Asbestos Type	None	0	---	---	---	0	---	---	---	---	---
Asbestos Type 2	None	---	---	---	---	---	---	---	---	---	---
Asbestos fibres	Detect	0	---	---	---	0	---	---	---	---	---
Asbestos Fibres (2)	None	---	---	---	---	---	---	---	---	---	---
General Description (Bulk Analysis)	None	1	---	---	---	1	---	---	---	---	---
Inorganics											
Inorganic Nitrogen	mg/kg	---	---	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/kg	<0.6	0.7	---	---	<0.6	3.3	0.6	0.7	0.7	---
Chloride	mg/kg	6	---	---	---	15	---	---	---	---	---
Cyanide (Free)	mg/kg	---	<0.5	<0.5	---	---	<0.5	<0.5	<0.5	<0.5	---
Cyanide Total	mg/kg	---	<0.5	<0.5	---	---	<0.5	<0.5	<0.5	<0.5	---
Cyanide (Complex)	mg/kg	<0.5	<0.5	---	---	<0.5	<0.5	<0.5	<0.5	<0.5	---
Nitrate (as NO3-)	mg/kg	<2.5	46.1	---	---	33.2	<2.5	<2.5	<2.5	<2.5	---
Nitrite (as NO2-)	mg/kg	<0.05	<0.05	---	---	<0.05	<0.05	<0.05	<0.05	<0.05	---
Sulphate	mg/kg	---	<500	131	---	---	<500	<500	72	<500	---
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	0.1652	0.1193	---	---	0.042	0.0607	0.0383	0.0357	0.1912	---
Phosphorus	mg/kg	14	<200	---	---	30	<200	<200	<200	<200	---
Sulphur as S	%	---	0.01	0.01	---	---	<0.01	<0.01	<0.01	0.02	---
Sulphide	mg/kg	<10	<10	---	---	<10	<10	<10	<10	<10	---
Thiocyanate (as SCN)	mg/kg	1.8	<0.6	---	---	<0.6	<0.6	<0.6	<0.6	<0.6	---
Ortho phosphate as PO4	mg/kg	<0.3	<0.3	---	---	<0.3	<0.3	0.6	<0.3	<0.3	---
TPH CWG											
>C5-C6 Aliphatics	mg/kg	---	<0.1	<0.1	---	---	<0.1	<0.1	<0.1	<0.1	---
>C6-C8 Aliphatics	mg/kg	---	<0.1	<0.1	---	---	<0.1	<0.1	<0.1	<0.1	---
>C8-C10 Aliphatics	mg/kg	---	<0.1	<0.1	---	---	<0.1	<0.1	<0.1	<0.1	---
>C10-C12 Aliphatics	mg/kg	---	<0.2	<0.2	---	---	<0.2	<0.2	<0.2	<0.2	---
>C12-C16 Aliphatics	mg/kg	---	<4	<4	---	---	<4	<4	<4	<4	---
>C16-C21 Aliphatics	mg/kg	---	<7	<7	---	---	<7	<7	<7	<7	---
>C21-C35 Aliphatics	mg/kg	---	<7	<7	---	---	<7	<7	<7	<7	---
>C35-C44 Aliphatics	mg/kg	---	<7	<7	---	---	<7	<7	<7	<7	---
Total Aliphatics >C5-C44	mg/kg	---	<26	<26	---	---	<26	<26	<26	<26	---
>EC5-EC7 Aromatics	mg/kg	---	<0.1	<0.1	---	---	<0.1	<0.1	<0.1	<0.1	---
>EC7-EC8 Aromatics	mg/kg	---	<0.1	<0.1	---	---	<0.1	<0.1	<0.1	<0.1	---
>EC8-EC10 Aromatics	mg/kg	---	<0.1	<0.1	---	---	<0.1	<0.1	<0.1	<0.1	---
>EC10-EC12 Aromatics	mg/kg	---	<0.2	<0.2	---	---	<0.2	<0.2	<0.2	<0.2	---
>EC12-EC16 Aromatics	mg/kg	---	<4	<4	---	---	<4	<4	<4	<4	---
>EC16-EC21 Aromatics	mg/kg	---	<7	<7	---	---	<7	<7	<7	<7	---
>EC21-EC35 Aromatics	mg/kg	---	<7	<7	---	---	<7	<7	<7	<7	---
>EC35-EC44 Aromatics	mg/kg	---	<7	<7	---	---	<7	<7	<7	<7	---
Total Aromatics >EC5-EC44	mg/kg	---	<26	<26	---	---	<26	<26	<26	<26	---
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	---	<52	<52	---	---	<52	<52	<52	<52	---
BTEX and MTBE											
Benzene	mg/kg	<0.003	<0.003	---	---	0.027	<0.003	<0.003	<0.003	<0.003	---
Toluene	mg/kg	<0.003	0.003	---	---	0.024	<0.003	<0.003	0.003	0.007	---
Ethylbenzene	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
Xylene (m & p)	mg/kg	<0.005	<0.005	---	---	0.018	<0.005	<0.005	<0.005	0.006	---

Refractory Brick Soil



Matrix Description		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code		FOU-SP806-S18	FOU-SP806-S23	FOU-SP806-S24	FOU-SP807-S1	FOU-SP807-S18	FOU-SP807-S19	FOU-SP807-S22	FOU-SP807-S29	FOU-SP807-S34
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424
Date		29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024
Depth										
	Unit									
Metals										
Aluminium	mg/kg	2,239	1,474	<1,000	<1,000	<1,000	1,000	1,123	<1,000	1,448
Antimony	mg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20
Arsenic	mg/kg	<10	<10	<10	<10	<10	<10	<10	<10	<10
Barium	mg/kg	22	<20	<20	<20	64	<20	21	192	<20
Boron	mg/kg	0.2	0.2	0.3	0.3	0.3	0.1	0.2	0.2	0.2
Cadmium	mg/kg	<2	<2	<2	<2	<2	<2	<2	<2	<2
Calcium	mg/kg	10,090	9,257	<500	<500	<500	<500	15,520	1,697	860
Chromium (hexavalent)	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Chromium	mg/kg	54.9	51	26	39.6	64.9	56	47.1	41.6	39.8
Copper	mg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20
Iron	mg/kg	1,769	2,630	3,873	1,055	922	1,064	1,730	408	686
Lead	mg/kg	<100	<100	<100	<100	<100	<100	<100	<100	<100
Magnesium	mg/kg	227	171	111	66	34	59	140	298	223
Manganese	mg/kg	36	33	<20	<20	<20	<20	31	<20	<20
Mercury	mg/kg	<2	<2	<2	<2	<2	<2	<2	<2	<2
Molybdenum	mg/kg	3.4	5.1	2.1	4.9	6.4	4.7	3.7	4.3	3.8
Nickel	mg/kg	<14	<14	<14	<14	<14	<14	<14	<14	<14
Potassium	mg/kg	---	---	---	---	---	---	---	---	---
Selenium	mg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20
Silicon	mg/kg	255	298.4	282.7	269	271.8	236.5	305.6	248.2	256.8
Sodium	mg/kg	---	---	---	---	---	---	---	---	---
Vanadium	mg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20
Zinc	mg/kg	<100	<100	<100	<100	<100	<100	<100	<100	<100
Asbestos										
Asbestos Containing Material	Detect	---	---	---	---	---	---	---	---	---
Asbestos Containing Material (2)	None	---	---	---	---	---	---	---	---	---
Asbestos Type	None	---	---	---	---	---	---	---	---	---
Asbestos Type 2	None	---	---	---	---	---	---	---	---	---
Asbestos fibres	Detect	---	---	---	---	---	---	---	---	---
Asbestos Fibres (2)	None	---	---	---	---	---	---	---	---	---
General Description (Bulk Analysis)	None	---	---	---	---	---	---	---	---	---
Inorganics										
Inorganic Nitrogen	mg/kg	---	---	---	---	---	---	---	---	---
Ammoniacal Nitrogen as N	mg/kg	5.2	3.7	1.5	0.8	2.6	2.7	1.7	2.7	2.6
Chloride	mg/kg	---	---	---	---	---	---	---	---	---
Cyanide (Free)	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cyanide Total	mg/kg	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cyanide (Complex)	mg/kg	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Nitrate (as NO3-)	mg/kg	42.1	<2.5	118.3	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Nitrite (as NO2-)	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Sulphate	mg/kg	<500	<500	529	<500	733	2,230	<500	3,943	2,308
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	0.0957	0.0854	0.2125	0.0159	0.1498	0.827	0.1428	1.5807	0.9107
Phosphorus	mg/kg	<200	<200	<200	<200	<200	<200	<200	<200	<200
Sulphur as S	%	0.01	0.01	0.03	<0.01	0.04	0.09	0.02	0.16	0.09
Sulphide	mg/kg	<10	<10	<10	<10	<10	<10	<10	<10	<10
Thiocyanate (as SCN)	mg/kg	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6
Ortho phosphate as PO4	mg/kg	0.6	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
TPH CWG										
>C5-C6 Aliphatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>C6-C8 Aliphatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>C8-C10 Aliphatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>C10-C12 Aliphatics	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
>C12-C16 Aliphatics	mg/kg	<4	<4	<4	<4	<4	<4	<4	<4	<4
>C16-C21 Aliphatics	mg/kg	<7	<7	<7	<7	<7	<7	<7	<7	<7
>C21-C35 Aliphatics	mg/kg	<7	<7	<7	<7	<7	<7	<7	<7	<7
>C35-C44 Aliphatics	mg/kg	<7	<7	<7	<7	<7	<7	<7	<7	<7
Total Aliphatics >C5-C44	mg/kg	<26	<26	<26	<26	<26	<26	<26	<26	<26
>EC5-EC7 Aromatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>EC7-EC8 Aromatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>EC8-EC10 Aromatics	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
>EC10-EC12 Aromatics	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
>EC12-EC16 Aromatics	mg/kg	<4	<4	<4	<4	<4	<4	<4	<4	<4
>EC16-EC21 Aromatics	mg/kg	<7	<7	<7	<7	<7	<7	<7	<7	<7
>EC21-EC35 Aromatics	mg/kg	<7	<7	<7	<7	<7	<7	<7	<7	<7
>EC35-EC44 Aromatics	mg/kg	<7	<7	<7	<7	<7	<7	<7	<7	<7
Total Aromatics >EC5-EC44	mg/kg	<26	<26	<26	<26	<26	<26	<26	<26	<26
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	<52	<52	<52	<52	<52	<52	<52	<52	<52
BTEX and MTBE										
Benzene	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Toluene	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Ethylbenzene	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Xylene (m & p)	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Refractory Brick Soil



Matrix Description		Refractory Brick	Refractory Brick
Location Code		FOU-SP807-S37	FOU-SP807-S39
Matrix Type		Soil	Soil
Lab Report Number		24-3806-1-190424	24-3806-1-190424
Date		29 Feb 2024	29 Feb 2024
Depth			
	Unit		
Metals			
Aluminium	mg/kg	<1,000	1,047
Antimony	mg/kg	<20	<20
Arsenic	mg/kg	<10	<10
Barium	mg/kg	26	24
Boron	mg/kg	0.2	0.4
Cadmium	mg/kg	<2	<2
Calcium	mg/kg	<500	1,390
Chromium (hexavalent)	mg/kg	<0.3	<0.3
Chromium	mg/kg	58.6	34.2
Copper	mg/kg	<20	<20
Iron	mg/kg	1,129	564
Lead	mg/kg	<100	<100
Magnesium	mg/kg	91	298
Manganese	mg/kg	<20	<20
Mercury	mg/kg	<2	<2
Molybdenum	mg/kg	5.8	4.8
Nickel	mg/kg	<14	<14
Potassium	mg/kg	---	---
Selenium	mg/kg	<20	<20
Silicon	mg/kg	302.1	288.3
Sodium	mg/kg	---	---
Vanadium	mg/kg	<20	<20
Zinc	mg/kg	<100	<100
Asbestos			
Asbestos Containing Material	Detect	---	---
Asbestos Containing Material (2)	None	---	---
Asbestos Type	None	---	---
Asbestos Type 2	None	---	---
Asbestos fibres	Detect	---	---
Asbestos Fibres (2)	None	---	---
General Description (Bulk Analysis)	None	---	---
Inorganics			
Inorganic Nitrogen	mg/kg	---	---
Ammoniacal Nitrogen as N	mg/kg	0.8	0.8
Chloride	mg/kg	---	---
Cyanide (Free)	mg/kg	<0.5	<0.5
Cyanide Total	mg/kg	<0.5	<0.5
Cyanide (Complex)	mg/kg	<0.5	<0.5
Nitrate (as NO3-)	mg/kg	236.1	2,088.7
Nitrite (as NO2-)	mg/kg	<0.05	<0.05
Sulphate	mg/kg	526	2,105
Water Soluble Sulphate (2:1 Leachate Equivalent)	g/l	0.2584	0.9817
Phosphorus	mg/kg	<200	<200
Sulphur as S	%	0.03	0.09
Sulphide	mg/kg	<10	<10
Thiocyanate (as SCN)	mg/kg	<0.6	<0.6
Ortho phosphate as PO4	mg/kg	<0.3	<0.3
TPH CWG			
>C5-C6 Aliphatics	mg/kg	<0.1	<0.1
>C6-C8 Aliphatics	mg/kg	<0.1	<0.1
>C8-C10 Aliphatics	mg/kg	<0.1	<0.1
>C10-C12 Aliphatics	mg/kg	<0.2	<0.2
>C12-C16 Aliphatics	mg/kg	<4	<4
>C16-C21 Aliphatics	mg/kg	<7	<7
>C21-C35 Aliphatics	mg/kg	<7	82
>C35-C44 Aliphatics	mg/kg	<7	<7
Total Aliphatics >C5-C44	mg/kg	<26	82
>EC5-EC7 Aromatics	mg/kg	<0.1	<0.1
>EC7-EC8 Aromatics	mg/kg	<0.1	<0.1
>EC8-EC10 Aromatics	mg/kg	<0.1	<0.1
>EC10-EC12 Aromatics	mg/kg	<0.2	<0.2
>EC12-EC16 Aromatics	mg/kg	<4	<4
>EC16-EC21 Aromatics	mg/kg	<7	<7
>EC21-EC35 Aromatics	mg/kg	<7	<7
>EC35-EC44 Aromatics	mg/kg	<7	<7
Total Aromatics >EC5-EC44	mg/kg	<26	<26
TPH >C5-C44 Aliphatics/Aromatics	mg/kg	<52	82
BTEX and MTBE			
Benzene	mg/kg	<0.003	<0.003
Toluene	mg/kg	<0.003	<0.003
Ethylbenzene	mg/kg	<0.003	<0.003
Xylene (m & p)	mg/kg	<0.005	<0.005

Refractory Brick Soil



Matrix Description		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code		FOU-SP803-S1	FOU-SP803-S1	FOU-SP803-S1	FOU-SP803-S2	FOU-SP803-S2	FOU-SP803-S2	FOU-SP803-S3	FOU-SP803-S3	FOU-SP803-S3	FOU-SP803-S3
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424
Date		15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023
Depth											
	Unit										
Xylene (o)	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
MTBE	mg/kg	<0.002	---	---	<0.002	---	---	<0.002	---	---	---
PAH											
Naphthalene	mg/kg	<0.027	---	---	<0.027	---	---	<0.027	0.05	---	---
Acenaphthene	mg/kg	<0.05	---	---	<0.05	---	---	<0.05	---	---	---
Acenaphthylene	mg/kg	<0.03	---	---	<0.03	---	---	<0.03	---	---	---
Fluoranthene	mg/kg	<0.03	---	---	<0.03	---	---	0.15	---	---	---
Anthracene	mg/kg	<0.04	---	---	<0.04	---	---	<0.04	---	---	---
Phenanthrene	mg/kg	<0.03	---	---	<0.03	---	---	0.09	---	---	---
Fluorene	mg/kg	<0.04	---	---	<0.04	---	---	<0.04	---	---	---
Chrysene	mg/kg	<0.02	---	---	<0.02	---	---	0.11	---	---	---
Pyrene	mg/kg	<0.03	---	---	<0.03	---	---	0.11	---	---	---
Benzo(a)anthracene	mg/kg	<0.06	---	---	<0.06	---	---	0.1	---	---	---
Benzo(b)fluoranthene	mg/kg	<0.05	---	---	<0.05	---	---	0.09	---	---	---
Benzo(k)fluoranthene	mg/kg	<0.02	---	---	<0.02	---	---	0.04	---	---	---
Benzo(b+k)fluoranthene	mg/kg	<0.07	---	---	<0.07	---	---	0.13	---	---	---
Benzo(a)pyrene	mg/kg	<0.04	---	---	<0.04	---	---	0.05	---	---	---
Dibenz(a,h)anthracene	mg/kg	<0.04	---	---	<0.04	---	---	<0.04	---	---	---
Benzo(g,h,i)perylene	mg/kg	<0.04	---	---	<0.04	---	---	<0.04	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.04	---	---	<0.04	---	---	<0.04	---	---	---
PAH 16 Total	mg/kg	<0.6	---	---	<0.6	---	---	0.8	---	---	---
Phenolics											
3/4-Methylphenol (m/p-cresol)	mg/kg	<0.02	---	---	<0.02	---	---	<0.02	---	---	---
Xylenols	mg/kg	<0.06	---	---	<0.06	---	---	<0.06	---	---	---
1-naphthol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
Cresol Total	mg/kg	<0.03	---	---	<0.03	---	---	<0.03	---	---	---
Phenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
Resorcinol (m-dihydroxybenzene)	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
Total Speciated Phenols	mg/kg	<0.15	---	---	<0.15	---	---	<0.15	---	---	---
VOC											
Styrene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
cis-1,3-dichloropropene	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	---
trans-1,3-dichloropropene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
1,1,1,2-tetrachloroethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
1,1,1-trichloroethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
1,1,2,2-tetrachloroethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
1,1,2-trichloroethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
1,1-dichloroethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
1,1-dichloroethene	mg/kg	<0.006	---	---	<0.006	---	---	<0.006	---	---	---
1,1-dichloropropene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
1,2,3-trichloropropane	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	---
1,2,4-trimethylbenzene	mg/kg	<0.006	---	---	<0.006	---	---	<0.006	---	---	---
1,2-dibromo-3-chloropropane	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	---
1,2-dibromoethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
1,2-dichloroethane	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	---
1,2-dichloropropane	mg/kg	<0.006	---	---	<0.006	---	---	<0.006	---	---	---
1,3,5-trimethylbenzene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
1,3-dichloropropane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
2,2-dichloropropane	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	---
2-chlorotoluene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
4-chlorotoluene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
Bromobenzene	mg/kg	<0.002	---	---	<0.002	---	---	<0.002	---	---	---
Bromochloromethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
Bromodichloromethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
Bromoform	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
Bromomethane	mg/kg	<0.001	---	---	<0.001	---	---	<0.001	---	---	---
Carbon tetrachloride	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	---
Chlorodibromomethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
Chloroethane	mg/kg	<0.002	---	---	<0.002	---	---	<0.002	---	---	---
Chloroform	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
Chloromethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
cis-1,2-dichloroethene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
Dibromomethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
Dichlorodifluoromethane	mg/kg	<0.002	---	---	<0.002	---	---	<0.002	---	---	---
Dichloromethane	mg/kg	<0.007	---	---	<0.007	---	---	<0.007	---	---	---
Isopropylbenzene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
n-butylbenzene	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	---
n-propylbenzene	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	---
p-isopropyltoluene	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	---
sec-butylbenzene	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	---
Trichloroethene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
tert-butylbenzene	mg/kg	<0.005	---	---	<0.005	---	---	<0.005	---	---	---
Tetrachloroethene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
trans-1,2-dichloroethene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---

Refractory Brick Soil



Matrix Description		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code		FOU-SP803-S4	FOU-SP803-S4	FOU-SP803-S4	FOU-SP803-S5	FOU-SP803-S5	FOU-SP803-S5	FOU-SP803-S6	FOU-SP803-S6	FOU-SP803-S6	FOU-SP803-S8
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424
Date		15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023
Depth											
	Unit										
Xylene (o)	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
MTBE	mg/kg	<0.002	---	---	<0.002	---	---	<0.002	---	---	<0.002
PAH											
Naphthalene	mg/kg	<0.027	---	---	<0.027	---	---	<0.027	---	---	<0.027
Acenaphthene	mg/kg	<0.05	---	---	<0.05	---	---	<0.05	---	---	<0.05
Acenaphthylene	mg/kg	<0.03	---	---	<0.03	---	---	<0.03	---	---	<0.03
Fluoranthene	mg/kg	<0.03	---	---	<0.03	---	---	0.12	---	---	0.14
Anthracene	mg/kg	<0.04	---	---	<0.04	---	---	<0.04	---	---	<0.04
Phenanthrene	mg/kg	<0.03	---	---	<0.03	---	---	0.08	---	---	0.06
Fluorene	mg/kg	<0.04	---	---	<0.04	---	---	<0.04	---	---	<0.04
Chrysene	mg/kg	<0.02	---	---	<0.02	---	---	0.11	---	---	0.13
Pyrene	mg/kg	<0.03	---	---	<0.03	---	---	0.09	---	---	0.1
Benzo(a)anthracene	mg/kg	<0.06	---	---	<0.06	---	---	0.1	---	---	0.12
Benzo(b)fluoranthene	mg/kg	<0.05	---	---	<0.05	---	---	0.1	---	---	0.12
Benzo(k)fluoranthene	mg/kg	<0.02	---	---	<0.02	---	---	0.04	---	---	0.04
Benzo(b+k)fluoranthene	mg/kg	<0.07	---	---	<0.07	---	---	0.14	---	---	0.16
Benzo(a)pyrene	mg/kg	<0.04	---	---	<0.04	---	---	0.07	---	---	0.07
Dibenz(a,h)anthracene	mg/kg	<0.04	---	---	<0.04	---	---	<0.04	---	---	<0.04
Benzo(g,h,i)perylene	mg/kg	<0.04	---	---	<0.04	---	---	0.05	---	---	0.04
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.04	---	---	<0.04	---	---	0.04	---	---	0.04
PAH 16 Total	mg/kg	<0.6	---	---	<0.6	---	---	0.8	---	---	0.9
Phenolics											
3/4-Methylphenol (m/p-cresol)	mg/kg	<0.02	---	---	<0.02	---	---	<0.02	---	---	<0.02
Xylenols	mg/kg	<0.06	---	---	<0.06	---	---	<0.06	---	---	<0.06
1-naphthol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
Cresol Total	mg/kg	<0.03	---	---	<0.03	---	---	<0.03	---	---	<0.03
Phenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
Resorcinol (m-dihydroxybenzene)	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
Total Speciated Phenols	mg/kg	<0.15	---	---	<0.15	---	---	<0.15	---	---	<0.15
VOC											
Styrene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
cis-1,3-dichloropropene	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	<0.004
trans-1,3-dichloropropene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
1,1,1,2-tetrachloroethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
1,1,1-trichloroethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
1,1,2,2-tetrachloroethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
1,1,2-trichloroethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
1,1-dichloroethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
1,1-dichloroethene	mg/kg	<0.006	---	---	<0.006	---	---	<0.006	---	---	<0.006
1,1-dichloropropene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
1,2,3-trichloropropane	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	<0.004
1,2,4-trimethylbenzene	mg/kg	<0.006	---	---	<0.006	---	---	<0.006	---	---	<0.006
1,2-dibromo-3-chloropropane	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	<0.004
1,2-dibromoethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
1,2-dichloroethane	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	<0.004
1,2-dichloropropane	mg/kg	<0.006	---	---	<0.006	---	---	<0.006	---	---	<0.006
1,3,5-trimethylbenzene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
1,3-dichloropropane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
2,2-dichloropropane	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	<0.004
2-chlorotoluene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
4-chlorotoluene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
Bromobenzene	mg/kg	<0.002	---	---	<0.002	---	---	<0.002	---	---	<0.002
Bromochloromethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
Bromodichloromethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
Bromoform	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
Bromomethane	mg/kg	<0.001	---	---	<0.001	---	---	<0.001	---	---	<0.001
Carbon tetrachloride	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	<0.004
Chlorodibromomethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
Chloroethane	mg/kg	<0.002	---	---	<0.002	---	---	<0.002	---	---	<0.002
Chloroform	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
Chloromethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
cis-1,2-dichloroethene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
Dibromomethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
Dichlorodifluoromethane	mg/kg	<0.002	---	---	<0.002	---	---	<0.002	---	---	<0.002
Dichloromethane	mg/kg	<0.007	---	---	<0.007	---	---	<0.007	---	---	<0.007
Isopropylbenzene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
n-butylbenzene	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	<0.004
n-propylbenzene	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	<0.004
p-isopropyltoluene	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	<0.004
sec-butylbenzene	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	<0.004
Trichloroethene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
tert-butylbenzene	mg/kg	<0.005	---	---	<0.005	---	---	<0.005	---	---	<0.005
Tetrachloroethene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
trans-1,2-dichloroethene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003



Refractory Brick Soil

Matrix Description		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code		FOU-SP803-S8	FOU-SP803-S8	FOU-SP803-S9	FOU-SP803-S9	FOU-SP803-S9	FOU-SP803-S10	FOU-SP803-S10	FOU-SP803-S10	FOU-SP803-S11	FOU-SP803-S11
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324
Date		15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023
Depth											
	Unit										
Xylene (o)	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
MTBE	mg/kg	---	---	<0.002	---	---	<0.002	---	---	<0.002	---
PAH											
Naphthalene	mg/kg	---	---	<0.027	---	---	<0.027	---	---	<0.027	---
Acenaphthene	mg/kg	---	---	<0.05	---	---	<0.05	---	---	<0.05	---
Acenaphthylene	mg/kg	---	---	<0.03	---	---	<0.03	---	---	<0.03	---
Fluoranthene	mg/kg	---	---	0.08	---	---	0.23	---	---	0.11	---
Anthracene	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---
Phenanthrene	mg/kg	---	---	0.04	---	---	0.11	---	---	0.07	---
Fluorene	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---
Chrysene	mg/kg	---	---	0.08	---	---	0.15	---	---	0.09	---
Pyrene	mg/kg	---	---	0.06	---	---	0.17	---	---	0.09	---
Benzo(a)anthracene	mg/kg	---	---	0.08	---	---	0.15	---	---	0.1	---
Benzo(b)fluoranthene	mg/kg	---	---	0.07	---	---	0.14	---	---	0.1	---
Benzo(k)fluoranthene	mg/kg	---	---	0.03	---	---	0.06	---	---	0.04	---
Benzo(b+k)fluoranthene	mg/kg	---	---	0.1	---	---	0.2	---	---	0.14	---
Benzo(a)pyrene	mg/kg	---	---	<0.04	---	---	0.08	---	---	0.05	---
Dibenz(a,h)anthracene	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---
Benzo(g,h,i)perylene	mg/kg	---	---	<0.04	---	---	0.06	---	---	0.04	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	<0.04	---	---	0.07	---	---	0.05	---
PAH 16 Total	mg/kg	---	---	<0.6	---	---	1.2	---	---	0.7	---
Phenolics											
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	<0.02	---	---	<0.02	---	---	<0.02	---
Xylenols	mg/kg	---	---	<0.06	---	---	<0.06	---	---	<0.06	---
1-naphthol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Cresol Total	mg/kg	---	---	<0.03	---	---	<0.03	---	---	<0.03	---
Phenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Resorcinol (m-dihydroxybenzene)	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Total Speciated Phenols	mg/kg	---	---	<0.15	---	---	<0.15	---	---	<0.15	---
VOC											
Styrene	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
cis-1,3-dichloropropene	mg/kg	---	---	<0.004	---	---	<0.004	---	---	<0.004	---
trans-1,3-dichloropropene	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
1,1,1-trichloroethane	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
1,1,2-trichloroethane	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
1,1-dichloroethane	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
1,1-dichloroethene	mg/kg	---	---	<0.006	---	---	<0.006	---	---	<0.006	---
1,1-dichloropropene	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
1,2,3-trichloropropane	mg/kg	---	---	<0.004	---	---	<0.004	---	---	<0.004	---
1,2,4-trimethylbenzene	mg/kg	---	---	<0.006	---	---	<0.006	---	---	<0.006	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	<0.004	---	---	<0.004	---	---	<0.004	---
1,2-dibromoethane	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
1,2-dichloroethane	mg/kg	---	---	<0.004	---	---	<0.004	---	---	<0.004	---
1,2-dichloropropane	mg/kg	---	---	<0.006	---	---	<0.006	---	---	<0.006	---
1,3,5-trimethylbenzene	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
1,3-dichloropropane	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
2,2-dichloropropane	mg/kg	---	---	<0.004	---	---	<0.004	---	---	<0.004	---
2-chlorotoluene	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
4-chlorotoluene	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
Bromobenzene	mg/kg	---	---	<0.002	---	---	<0.002	---	---	<0.002	---
Bromochloromethane	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
Bromodichloromethane	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
Bromoform	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
Bromomethane	mg/kg	---	---	<0.001	---	---	<0.001	---	---	<0.001	---
Carbon tetrachloride	mg/kg	---	---	<0.004	---	---	<0.004	---	---	<0.004	---
Chlorodibromomethane	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
Chloroethane	mg/kg	---	---	<0.002	---	---	<0.002	---	---	<0.002	---
Chloroform	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
Chloromethane	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
cis-1,2-dichloroethene	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
Dibromomethane	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
Dichlorodifluoromethane	mg/kg	---	---	<0.002	---	---	<0.002	---	---	<0.002	---
Dichloromethane	mg/kg	---	---	<0.007	---	---	<0.007	---	---	<0.007	---
Isopropylbenzene	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
n-butylbenzene	mg/kg	---	---	<0.004	---	---	<0.004	---	---	<0.004	---
n-propylbenzene	mg/kg	---	---	<0.004	---	---	<0.004	---	---	<0.004	---
p-isopropyltoluene	mg/kg	---	---	<0.004	---	---	<0.004	---	---	<0.004	---
sec-butylbenzene	mg/kg	---	---	<0.004	---	---	<0.004	---	---	<0.004	---
Trichloroethene	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
tert-butylbenzene	mg/kg	---	---	<0.005	---	---	<0.005	---	---	<0.005	---
Tetrachloroethene	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
trans-1,2-dichloroethene	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---

Refractory Brick Soil



Matrix Description		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code		FOU-SP803-S11	FOU-SP803-S12	FOU-SP803-S12	FOU-SP803-S12	FOU-SP803-S13	FOU-SP803-S13	FOU-SP803-S13	FOU-SP803-S14	FOU-SP803-S14	FOU-SP803-S14
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424
Date		15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023
Depth											
	Unit										
Xylene (o)	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
MTBE	mg/kg	---	<0.002	---	---	<0.002	---	---	<0.002	---	---
PAH											
Naphthalene	mg/kg	---	<0.027	---	---	<0.027	---	---	<0.027	---	---
Acenaphthene	mg/kg	---	<0.05	---	---	<0.05	---	---	<0.05	---	---
Acenaphthylene	mg/kg	---	<0.03	---	---	<0.03	---	---	<0.03	---	---
Fluoranthene	mg/kg	---	<0.03	---	---	<0.03	---	---	0.13	---	---
Anthracene	mg/kg	---	<0.04	---	---	<0.04	---	---	<0.04	---	---
Phenanthrene	mg/kg	---	<0.03	---	---	<0.03	---	---	0.07	---	---
Fluorene	mg/kg	---	<0.04	---	---	<0.04	---	---	<0.04	---	---
Chrysene	mg/kg	---	<0.02	---	---	<0.02	---	---	0.17	---	---
Pyrene	mg/kg	---	<0.03	---	---	<0.03	---	---	0.12	---	---
Benzo(a)anthracene	mg/kg	---	<0.06	---	---	<0.06	---	---	0.13	---	---
Benzo(b)fluoranthene	mg/kg	---	<0.05	---	---	<0.05	---	---	0.19	---	---
Benzo(k)fluoranthene	mg/kg	---	<0.02	---	---	<0.02	---	---	0.07	---	---
Benzo(b+k)fluoranthene	mg/kg	---	<0.07	---	---	<0.07	---	---	0.26	---	---
Benzo(a)pyrene	mg/kg	---	<0.04	---	---	<0.04	---	---	0.11	---	---
Dibenz(a,h)anthracene	mg/kg	---	<0.04	---	---	<0.04	---	---	<0.04	---	---
Benzo(g,h,i)perylene	mg/kg	---	<0.04	---	---	<0.04	---	---	0.09	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	<0.04	---	---	<0.04	---	---	0.09	---	---
PAH 16 Total	mg/kg	---	<0.6	---	---	<0.6	---	---	1.2	---	---
Phenolics											
3/4-Methylphenol (m/p-cresol)	mg/kg	---	<0.02	---	---	<0.02	---	---	<0.02	---	---
Xylenols	mg/kg	---	<0.06	---	---	<0.06	---	---	<0.06	---	---
1-naphthol	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
Cresol Total	mg/kg	---	<0.03	---	---	<0.03	---	---	<0.03	---	---
Phenol	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
Resorcinol (m-dihydroxybenzene)	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
Total Speciated Phenols	mg/kg	---	<0.15	---	---	<0.15	---	---	<0.15	---	---
VOC											
Styrene	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
cis-1,3-dichloropropene	mg/kg	---	<0.004	---	---	<0.004	---	---	<0.004	---	---
trans-1,3-dichloropropene	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
1,1,1-trichloroethane	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
1,1,2-trichloroethane	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
1,1-dichloroethane	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
1,1-dichloroethene	mg/kg	---	<0.006	---	---	<0.006	---	---	<0.006	---	---
1,1-dichloropropene	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
1,2,3-trichloropropane	mg/kg	---	<0.004	---	---	<0.004	---	---	<0.004	---	---
1,2,4-trimethylbenzene	mg/kg	---	<0.006	---	---	<0.006	---	---	<0.006	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	<0.004	---	---	<0.004	---	---	<0.004	---	---
1,2-dibromoethane	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
1,2-dichloroethane	mg/kg	---	<0.004	---	---	<0.004	---	---	<0.004	---	---
1,2-dichloropropane	mg/kg	---	<0.006	---	---	<0.006	---	---	<0.006	---	---
1,3,5-trimethylbenzene	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
1,3-dichloropropane	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
2,2-dichloropropane	mg/kg	---	<0.004	---	---	<0.004	---	---	<0.004	---	---
2-chlorotoluene	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
4-chlorotoluene	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
Bromobenzene	mg/kg	---	<0.002	---	---	<0.002	---	---	<0.002	---	---
Bromochloromethane	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
Bromodichloromethane	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
Bromoform	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
Bromomethane	mg/kg	---	<0.001	---	---	<0.001	---	---	<0.001	---	---
Carbon tetrachloride	mg/kg	---	<0.004	---	---	<0.004	---	---	<0.004	---	---
Chlorodibromomethane	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
Chloroethane	mg/kg	---	<0.002	---	---	<0.002	---	---	<0.002	---	---
Chloroform	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
Chloromethane	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
cis-1,2-dichloroethene	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
Dibromomethane	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
Dichlorodifluoromethane	mg/kg	---	<0.002	---	---	<0.002	---	---	<0.002	---	---
Dichloromethane	mg/kg	---	<0.007	---	---	<0.007	---	---	<0.007	---	---
Isopropylbenzene	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
n-butylbenzene	mg/kg	---	<0.004	---	---	<0.004	---	---	<0.004	---	---
n-propylbenzene	mg/kg	---	<0.004	---	---	<0.004	---	---	<0.004	---	---
p-isopropyltoluene	mg/kg	---	<0.004	---	---	<0.004	---	---	<0.004	---	---
sec-butylbenzene	mg/kg	---	<0.004	---	---	<0.004	---	---	<0.004	---	---
Trichloroethene	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
tert-butylbenzene	mg/kg	---	<0.005	---	---	<0.005	---	---	<0.005	---	---
Tetrachloroethene	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
trans-1,2-dichloroethene	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---

Refractory Brick Soil



Matrix Description		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code		FOU-SP803-S15	FOU-SP803-S15	FOU-SP803-S15	FOU-SP803-S16	FOU-SP803-S16	FOU-SP803-S16	FOU-SP804-S1	FOU-SP804-S1	FOU-SP804-S1	FOU-SP805-S2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2875-1-070324	24-2875-1-180324	24-2875-1-180424	24-2875-1-070324
Date		15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	19 Feb 2024	19 Feb 2024	19 Feb 2024	19 Feb 2024
Depth											
	Unit										
Xylene (o)	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	<0.003	<0.003
MTBE	mg/kg	<0.002	---	---	<0.002	---	---	<0.002	---	<0.002	<0.002
PAH											
Naphthalene	mg/kg	<0.027	---	---	<0.027	---	---	<0.027	---	---	<0.027
Acenaphthene	mg/kg	<0.05	---	---	<0.05	---	---	<0.05	---	---	0.14
Acenaphthylene	mg/kg	<0.03	---	---	<0.03	---	---	<0.03	---	---	<0.03
Fluoranthene	mg/kg	<0.03	---	---	<0.03	---	---	<0.03	---	---	<0.03
Anthracene	mg/kg	<0.04	---	---	<0.04	---	---	<0.04	---	---	<0.04
Phenanthrene	mg/kg	<0.03	---	---	<0.03	---	---	<0.03	---	---	0.42
Fluorene	mg/kg	<0.04	---	---	<0.04	---	---	<0.04	---	---	0.36
Chrysene	mg/kg	<0.02	---	---	<0.02	---	---	<0.02	---	---	<0.02
Pyrene	mg/kg	<0.03	---	---	<0.03	---	---	<0.03	---	---	<0.03
Benzo(a)anthracene	mg/kg	<0.06	---	---	<0.06	---	---	<0.06	---	---	<0.06
Benzo(b)fluoranthene	mg/kg	<0.05	---	---	<0.05	---	---	<0.05	---	---	<0.05
Benzo(k)fluoranthene	mg/kg	<0.02	---	---	<0.02	---	---	<0.02	---	---	<0.02
Benzo(b+k)fluoranthene	mg/kg	<0.07	---	---	<0.07	---	---	<0.07	---	---	<0.07
Benzo(a)pyrene	mg/kg	<0.04	---	---	<0.04	---	---	<0.04	---	---	<0.04
Dibenz(a,h)anthracene	mg/kg	<0.04	---	---	<0.04	---	---	<0.04	---	---	<0.04
Benzo(g,h,i)perylene	mg/kg	<0.04	---	---	<0.04	---	---	<0.04	---	---	<0.04
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.04	---	---	<0.04	---	---	<0.04	---	---	<0.04
PAH 16 Total	mg/kg	<0.6	---	---	<0.6	---	---	<0.6	---	---	0.9
Phenolics											
3/4-Methylphenol (m/p-cresol)	mg/kg	<0.02	---	---	<0.02	---	---	<0.02	---	---	<0.02
Xylenols	mg/kg	<0.06	---	---	<0.06	---	---	<0.06	---	---	<0.06
1-naphthol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
Cresol Total	mg/kg	<0.03	---	---	<0.03	---	---	<0.03	---	---	<0.03
Phenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
Resorcinol (m-dihydroxybenzene)	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	0.17
Total Speciated Phenols	mg/kg	<0.15	---	---	<0.15	---	---	<0.15	---	---	0.17
VOC											
Styrene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
cis-1,3-dichloropropene	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	<0.004
trans-1,3-dichloropropene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
1,1,1,2-tetrachloroethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
1,1,1-trichloroethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
1,1,2,2-tetrachloroethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
1,1,2-trichloroethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
1,1-dichloroethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
1,1-dichloroethene	mg/kg	<0.006	---	---	<0.006	---	---	<0.006	---	---	<0.006
1,1-dichloropropene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
1,2,3-trichloropropane	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	<0.004
1,2,4-trimethylbenzene	mg/kg	<0.006	---	---	<0.006	---	---	<0.006	---	---	<0.006
1,2-dibromo-3-chloropropane	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	<0.004
1,2-dibromoethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
1,2-dichloroethane	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	<0.004
1,2-dichloropropane	mg/kg	<0.006	---	---	<0.006	---	---	<0.006	---	---	<0.006
1,3,5-trimethylbenzene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
1,3-dichloropropane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
2,2-dichloropropane	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	<0.004
2-chlorotoluene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
4-chlorotoluene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
Bromobenzene	mg/kg	<0.002	---	---	<0.002	---	---	<0.002	---	---	<0.002
Bromochloromethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
Bromodichloromethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
Bromoform	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
Bromomethane	mg/kg	<0.001	---	---	<0.001	---	---	<0.001	---	---	<0.001
Carbon tetrachloride	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	<0.004
Chlorodibromomethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
Chloroethane	mg/kg	<0.002	---	---	<0.002	---	---	<0.002	---	---	<0.002
Chloroform	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
Chloromethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
cis-1,2-dichloroethene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
Dibromomethane	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
Dichlorodifluoromethane	mg/kg	<0.002	---	---	<0.002	---	---	<0.002	---	---	<0.002
Dichloromethane	mg/kg	<0.007	---	---	<0.007	---	---	<0.007	---	---	<0.007
Isopropylbenzene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
n-butylbenzene	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	<0.004
n-propylbenzene	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	<0.004
p-isopropyltoluene	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	<0.004
sec-butylbenzene	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	<0.004
Trichloroethene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
tert-butylbenzene	mg/kg	<0.005	---	---	<0.005	---	---	<0.005	---	---	<0.005
Tetrachloroethene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
trans-1,2-dichloroethene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003

Refractory Brick Soil



Matrix Description		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code		FOU-SP805-S2	FOU-SP805-S2	FOU-SP805-S5	FOU-SP805-S5	FOU-SP805-S5	FOU-SP805-S10	FOU-SP805-S10	FOU-SP805-S10	FOU-SP805-S13	FOU-SP805-S13
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-2875-1-180324	24-2875-1-180424	24-2875-1-070324	24-2875-1-180324	24-2875-1-180424	24-3246-1-070324	24-3246-1-180324	24-3246-1-180424	24-3246-1-070324	24-3246-1-180324
Date		19 Feb 2024	19 Feb 2024	19 Feb 2024	19 Feb 2024	19 Feb 2024	20 Feb 2024	20 Feb 2024	20 Feb 2024	20 Feb 2024	20 Feb 2024
Depth											
	Unit										
Xylene (o)	mg/kg	---	<0.003	<0.003	---	<0.003	---	---	<0.003	---	---
MTBE	mg/kg	---	<0.002	<0.002	---	<0.002	---	---	<0.002	---	---
PAH											
Naphthalene	mg/kg	---	---	<0.027	---	---	<0.04	---	<0.027	<0.04	---
Acenaphthene	mg/kg	---	---	<0.05	---	---	<0.05	---	---	<0.05	---
Acenaphthylene	mg/kg	---	---	<0.03	---	---	<0.03	---	---	<0.03	---
Fluoranthene	mg/kg	---	---	<0.03	---	---	<0.03	---	---	<0.03	---
Anthracene	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---
Phenanthrene	mg/kg	---	---	<0.03	---	---	<0.03	---	---	<0.03	---
Fluorene	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---
Chrysene	mg/kg	---	---	<0.02	---	---	<0.02	---	---	<0.02	---
Pyrene	mg/kg	---	---	<0.03	---	---	<0.03	---	---	<0.03	---
Benzo(a)anthracene	mg/kg	---	---	<0.06	---	---	<0.06	---	---	<0.06	---
Benzo(b)fluoranthene	mg/kg	---	---	<0.05	---	---	<0.05	---	---	<0.05	---
Benzo(k)fluoranthene	mg/kg	---	---	<0.02	---	---	<0.02	---	---	<0.02	---
Benzo(b+k)fluoranthene	mg/kg	---	---	<0.07	---	---	<0.07	---	---	<0.07	---
Benzo(a)pyrene	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---
Dibenz(a,h)anthracene	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---
Benzo(g,h,i)perylene	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	<0.04	---	---	<0.04	---	---	<0.04	---
PAH 16 Total	mg/kg	---	---	<0.6	---	---	<0.6	---	---	<0.6	---
Phenolics											
3/4-Methylphenol (m/p-cresol)	mg/kg	---	---	<0.02	---	---	<0.02	---	---	<0.02	---
Xylenols	mg/kg	---	---	<0.06	---	---	<0.06	---	---	<0.06	---
1-naphthol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Cresol Total	mg/kg	---	---	<0.03	---	---	<0.03	---	---	<0.03	---
Phenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Resorcinol (m-dihydroxybenzene)	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Total Speciated Phenols	mg/kg	---	---	<0.15	---	---	<0.15	---	---	<0.15	---
VOC											
Styrene	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---
cis-1,3-dichloropropene	mg/kg	---	---	<0.004	---	---	---	---	<0.004	---	---
trans-1,3-dichloropropene	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---
1,1,1,2-tetrachloroethane	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---
1,1,1-trichloroethane	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---
1,1,2,2-tetrachloroethane	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---
1,1,2-trichloroethane	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---
1,1-dichloroethane	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---
1,1-dichloroethene	mg/kg	---	---	<0.006	---	---	---	---	<0.006	---	---
1,1-dichloropropene	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---
1,2,3-trichloropropane	mg/kg	---	---	<0.004	---	---	---	---	<0.004	---	---
1,2,4-trimethylbenzene	mg/kg	---	---	<0.006	---	---	---	---	<0.006	---	---
1,2-dibromo-3-chloropropane	mg/kg	---	---	<0.004	---	---	---	---	<0.004	---	---
1,2-dibromoethane	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---
1,2-dichloroethane	mg/kg	---	---	<0.004	---	---	---	---	<0.004	---	---
1,2-dichloropropane	mg/kg	---	---	<0.006	---	---	---	---	<0.006	---	---
1,3,5-trimethylbenzene	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---
1,3-dichloropropane	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---
2,2-dichloropropane	mg/kg	---	---	<0.004	---	---	---	---	<0.004	---	---
2-chlorotoluene	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---
4-chlorotoluene	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---
Bromobenzene	mg/kg	---	---	<0.002	---	---	---	---	<0.002	---	---
Bromochloromethane	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---
Bromodichloromethane	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---
Bromoform	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---
Bromomethane	mg/kg	---	---	<0.001	---	---	---	---	<0.001	---	---
Carbon tetrachloride	mg/kg	---	---	<0.004	---	---	---	---	<0.004	---	---
Chlorodibromomethane	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---
Chloroethane	mg/kg	---	---	<0.002	---	---	---	---	<0.002	---	---
Chloroform	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---
Chloromethane	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---
cis-1,2-dichloroethene	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---
Dibromomethane	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---
Dichlorodifluoromethane	mg/kg	---	---	<0.002	---	---	---	---	<0.002	---	---
Dichloromethane	mg/kg	---	---	<0.007	---	---	---	---	<0.007	---	---
Isopropylbenzene	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---
n-butylbenzene	mg/kg	---	---	<0.004	---	---	---	---	<0.004	---	---
n-propylbenzene	mg/kg	---	---	<0.004	---	---	---	---	<0.004	---	---
p-isopropyltoluene	mg/kg	---	---	<0.004	---	---	---	---	<0.004	---	---
sec-butylbenzene	mg/kg	---	---	<0.004	---	---	---	---	<0.004	---	---
Trichloroethene	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---
tert-butylbenzene	mg/kg	---	---	<0.005	---	---	---	---	<0.005	---	---
Tetrachloroethene	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---
trans-1,2-dichloroethene	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---

Refractory Brick Soil



Matrix Description Location Code Matrix Type Lab Report Number Date Depth											
	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
	FOU-SP805-S13	FOU-SP805-S19	FOU-SP806-S2	FOU-SP806-S2	FOU-SP806-S2	FOU-SP806-S12	FOU-SP806-S13	FOU-SP806-S16	FOU-SP806-S17	FOU-SP806-S17	FOU-SP806-S17
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	24-3246-1-180424	24-3562-1-170424	24-3246-1-070324	24-3246-1-180324	24-3246-1-180424	24-3562-1-170424	24-3562-1-170424	24-3562-1-170424	24-3562-1-170424	24-3562-1-170424	24-3562-1-170424
Depth	20 Feb 2024	28 Feb 2024	20 Feb 2024	20 Feb 2024	20 Feb 2024	27 Feb 2024	27 Feb 2024	27 Feb 2024	27 Feb 2024	27 Feb 2024	27 Feb 2024
	Unit										
Xylene (o)	mg/kg	<0.003	<0.003	---	---	0.004	<0.003	<0.003	<0.003	<0.003	---
MTBE	mg/kg	<0.002	<0.002	---	---	<0.002	<0.002	<0.002	<0.002	<0.002	---
PAH											
Naphthalene	mg/kg	<0.027	<0.027	1.24	---	<0.027	<0.027	<0.027	<0.027	<0.027	0.1
Acenaphthene	mg/kg	---	<0.05	<0.05	---	---	<0.05	<0.05	<0.05	<0.05	---
Acenaphthylene	mg/kg	---	<0.03	<0.03	---	---	<0.03	<0.03	<0.03	<0.03	---
Fluoranthene	mg/kg	---	0.07	<0.03	---	---	0.07	0.06	<0.03	<0.03	---
Anthracene	mg/kg	---	<0.04	<0.04	---	---	<0.04	<0.04	<0.04	<0.04	---
Phenanthrene	mg/kg	---	0.04	<0.03	---	---	0.04	0.04	<0.03	<0.03	---
Fluorene	mg/kg	---	<0.04	<0.04	---	---	<0.04	<0.04	<0.04	<0.04	---
Chrysene	mg/kg	---	0.05	<0.02	---	---	0.04	---	<0.02	<0.02	---
Pyrene	mg/kg	---	0.05	<0.03	---	---	0.05	0.05	<0.03	<0.03	---
Benzo(a)anthracene	mg/kg	---	<0.06	<0.06	---	---	<0.06	0.06	<0.06	<0.06	---
Benzo(b)fluoranthene	mg/kg	---	0.06	<0.05	---	---	<0.05	---	<0.05	<0.05	---
Benzo(k)fluoranthene	mg/kg	---	0.02	<0.02	---	---	<0.02	<0.02	<0.02	<0.02	---
Benzo(b+k)fluoranthene	mg/kg	---	0.08	<0.07	---	---	<0.07	0.07	<0.07	<0.07	---
Benzo(a)pyrene	mg/kg	---	<0.04	<0.04	---	---	<0.04	<0.04	<0.04	<0.04	---
Dibenz(a,h)anthracene	mg/kg	---	<0.04	<0.04	---	---	<0.04	<0.04	<0.04	<0.04	---
Benzo(g,h,i)perylene	mg/kg	---	<0.04	<0.04	---	---	<0.04	<0.04	<0.04	<0.04	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	<0.04	<0.04	---	---	<0.04	<0.04	<0.04	<0.04	---
PAH 16 Total	mg/kg	---	<0.6	1.2	---	---	<0.6	<0.6	<0.6	<0.6	---
Phenolics											
3/4-Methylphenol (m/p-cresol)	mg/kg	---	<0.02	<0.02	---	---	<0.02	<0.02	<0.02	<0.02	---
Xylenols	mg/kg	---	<0.06	<0.06	---	---	<0.06	<0.06	<0.06	<0.06	---
1-naphthol	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
Cresol Total	mg/kg	---	<0.03	<0.03	---	---	<0.03	<0.03	<0.03	<0.03	---
Phenol	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
Resorcinol (m-dihydroxybenzene)	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
Total Speciated Phenols	mg/kg	---	<0.15	<0.15	---	---	<0.15	<0.15	<0.15	<0.15	---
VOC											
Styrene	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
cis-1,3-dichloropropene	mg/kg	<0.004	<0.004	---	---	<0.004	<0.004	<0.004	<0.004	<0.004	---
trans-1,3-dichloropropene	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
1,1,1,2-tetrachloroethane	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
1,1,1-trichloroethane	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
1,1,2,2-tetrachloroethane	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
1,1,2-trichloroethane	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
1,1-dichloroethane	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
1,1-dichloroethene	mg/kg	<0.006	<0.006	---	---	<0.006	<0.006	<0.006	<0.006	<0.006	---
1,1-dichloropropene	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
1,2,3-trichloropropane	mg/kg	<0.004	<0.004	---	---	<0.004	<0.004	<0.004	<0.004	<0.004	---
1,2,4-trimethylbenzene	mg/kg	<0.006	<0.006	---	---	<0.006	<0.006	<0.006	<0.006	<0.006	---
1,2-dibromo-3-chloropropane	mg/kg	<0.004	<0.004	---	---	<0.004	<0.004	<0.004	<0.004	<0.004	---
1,2-dibromoethane	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
1,2-dichloroethane	mg/kg	<0.004	<0.004	---	---	<0.004	<0.004	<0.004	<0.004	<0.004	---
1,2-dichloropropane	mg/kg	<0.006	<0.006	---	---	<0.006	<0.006	<0.006	<0.006	<0.006	---
1,3,5-trimethylbenzene	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
1,3-dichloropropane	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
2,2-dichloropropane	mg/kg	<0.004	<0.004	---	---	<0.004	<0.004	<0.004	<0.004	<0.004	---
2-chlorotoluene	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
4-chlorotoluene	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
Bromobenzene	mg/kg	<0.002	<0.002	---	---	<0.002	<0.002	<0.002	<0.002	<0.002	---
Bromochloromethane	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
Bromodichloromethane	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
Bromoform	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
Bromomethane	mg/kg	<0.001	<0.001	---	---	<0.001	<0.001	<0.001	<0.001	<0.001	---
Carbon tetrachloride	mg/kg	<0.004	<0.004	---	---	<0.004	<0.004	<0.004	<0.004	<0.004	---
Chlorodibromomethane	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
Chloroethane	mg/kg	<0.002	<0.002	---	---	<0.002	<0.002	<0.002	<0.002	<0.002	---
Chloroform	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
Chloromethane	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
cis-1,2-dichloroethene	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
Dibromomethane	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
Dichlorodifluoromethane	mg/kg	<0.002	<0.002	---	---	<0.002	<0.002	<0.002	<0.002	<0.002	---
Dichloromethane	mg/kg	<0.007	<0.007	---	---	0.019	<0.007	<0.007	0.032	<0.007	---
Isopropylbenzene	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
n-butylbenzene	mg/kg	<0.004	<0.004	---	---	<0.004	<0.004	<0.004	<0.004	<0.004	---
n-propylbenzene	mg/kg	<0.004	<0.004	---	---	<0.004	<0.004	<0.004	<0.004	<0.004	---
p-isopropyltoluene	mg/kg	<0.004	<0.004	---	---	<0.004	<0.004	<0.004	<0.004	<0.004	---
sec-butylbenzene	mg/kg	<0.004	<0.004	---	---	<0.004	<0.004	<0.004	<0.004	<0.004	---
Trichloroethene	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
tert-butylbenzene	mg/kg	<0.005	<0.005	---	---	<0.005	<0.005	<0.005	<0.005	<0.005	---
Tetrachloroethene	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
trans-1,2-dichloroethene	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---

Refractory Brick Soil



Matrix Description Location Code Matrix Type Lab Report Number Date Depth										
	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
	FOU-SP806-S18	FOU-SP806-S23	FOU-SP806-S24	FOU-SP807-S1	FOU-SP807-S18	FOU-SP807-S19	FOU-SP807-S22	FOU-SP807-S29	FOU-SP807-S34	
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424
Unit	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024
	Depth									
	Unit									
Xylene (o)	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
MTBE	mg/kg	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
PAH										
Naphthalene	mg/kg	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027
Acenaphthene	mg/kg	<0.05	<0.05	<0.05	0.07	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthylene	mg/kg	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Fluoranthene	mg/kg	0.06	<0.03	0.08	0.2	<0.03	<0.03	<0.03	<0.03	<0.03
Anthracene	mg/kg	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Phenanthrene	mg/kg	0.05	<0.03	0.04	0.22	<0.03	<0.03	<0.03	<0.03	<0.03
Fluorene	mg/kg	<0.04	<0.04	<0.04	0.05	<0.04	<0.04	<0.04	<0.04	<0.04
Chrysene	mg/kg	0.05	<0.02	0.04	0.08	<0.02	<0.02	<0.02	<0.02	<0.02
Pyrene	mg/kg	0.04	<0.03	0.04	0.13	<0.03	<0.03	<0.03	<0.03	<0.03
Benzo(a)anthracene	mg/kg	0.07	<0.06	<0.06	0.09	<0.06	<0.06	<0.06	<0.06	<0.06
Benzo(b)fluoranthene	mg/kg	0.06	<0.05	<0.05	0.13	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(k)fluoranthene	mg/kg	0.03	<0.02	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02
Benzo(b+k)fluoranthene	mg/kg	0.09	<0.07	<0.07	0.18	<0.07	<0.07	<0.07	<0.07	<0.07
Benzo(a)pyrene	mg/kg	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Dibenz(a,h)anthracene	mg/kg	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Benzo(g,h,i)perylene	mg/kg	<0.04	<0.04	<0.04	0.09	<0.04	<0.04	<0.04	<0.04	<0.04
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.04	<0.04	<0.04	0.09	<0.04	<0.04	<0.04	<0.04	<0.04
PAH 16 Total	mg/kg	<0.6	<0.6	<0.6	1.2	<0.6	<0.6	<0.6	<0.6	<0.6
Phenolics										
3/4-Methylphenol (m/p-cresol)	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Xylenols	mg/kg	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
1-naphthol	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cresol Total	mg/kg	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Phenol	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Resorcinol (m-dihydroxybenzene)	mg/kg	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total Speciated Phenols	mg/kg	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
VOC										
Styrene	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
cis-1,3-dichloropropene	mg/kg	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
trans-1,3-dichloropropene	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,1,1,2-tetrachloroethane	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,1,1-trichloroethane	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,1,2,2-tetrachloroethane	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,1,2-trichloroethane	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,1-dichloroethane	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,1-dichloroethene	mg/kg	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
1,1-dichloropropene	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,2,3-trichloropropane	mg/kg	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
1,2,4-trimethylbenzene	mg/kg	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
1,2-dibromo-3-chloropropane	mg/kg	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
1,2-dibromoethane	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,2-dichloroethane	mg/kg	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
1,2-dichloropropane	mg/kg	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
1,3,5-trimethylbenzene	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1,3-dichloropropane	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
2,2-dichloropropane	mg/kg	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
2-chlorotoluene	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
4-chlorotoluene	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Bromobenzene	mg/kg	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Bromochloromethane	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Bromodichloromethane	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Bromoform	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Bromomethane	mg/kg	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Carbon tetrachloride	mg/kg	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Chlorodibromomethane	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Chloroethane	mg/kg	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Chloroform	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Chloromethane	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
cis-1,2-dichloroethene	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Dibromomethane	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Dichlorodifluoromethane	mg/kg	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dichloromethane	mg/kg	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007
Isopropylbenzene	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
n-butylbenzene	mg/kg	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
n-propylbenzene	mg/kg	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
p-isopropyltoluene	mg/kg	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
sec-butylbenzene	mg/kg	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Trichloroethene	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
tert-butylbenzene	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
trans-1,2-dichloroethene	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Refractory Brick Soil



Matrix Description		Refractory Brick	Refractory Brick
Location Code		FOU-SP807-S37	FOU-SP807-S39
Matrix Type		Soil	Soil
Lab Report Number		24-3806-1-190424	24-3806-1-190424
Date		29 Feb 2024	29 Feb 2024
Depth			
	Unit		
Xylene (o)	mg/kg	<0.003	<0.003
MTBE	mg/kg	<0.002	<0.002
PAH			
Naphthalene	mg/kg	<0.027	<0.027
Acenaphthene	mg/kg	<0.05	<0.05
Acenaphthylene	mg/kg	<0.03	<0.03
Fluoranthene	mg/kg	<0.03	<0.03
Anthracene	mg/kg	<0.04	<0.04
Phenanthrene	mg/kg	<0.03	<0.03
Fluorene	mg/kg	<0.04	<0.04
Chrysene	mg/kg	<0.02	<0.02
Pyrene	mg/kg	<0.03	<0.03
Benzo(a)anthracene	mg/kg	<0.06	<0.06
Benzo(b)fluoranthene	mg/kg	<0.05	<0.05
Benzo(k)fluoranthene	mg/kg	<0.02	<0.02
Benzo(b+k)fluoranthene	mg/kg	<0.07	<0.07
Benzo(a)pyrene	mg/kg	<0.04	<0.04
Dibenz(a,h)anthracene	mg/kg	<0.04	<0.04
Benzo(g,h,i)perylene	mg/kg	<0.04	<0.04
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.04	<0.04
PAH 16 Total	mg/kg	<0.6	<0.6
Phenolics			
3/4-Methylphenol (m/p-cresol)	mg/kg	<0.02	<0.02
Xylenols	mg/kg	<0.06	<0.06
1-naphthol	mg/kg	<0.01	<0.01
Cresol Total	mg/kg	<0.03	<0.03
Phenol	mg/kg	<0.01	<0.01
Resorcinol (m-dihydroxybenzene)	mg/kg	<0.01	<0.01
Total Speciated Phenols	mg/kg	<0.15	<0.15
VOC			
Styrene	mg/kg	<0.003	<0.003
cis-1,3-dichloropropene	mg/kg	<0.004	<0.004
trans-1,3-dichloropropene	mg/kg	<0.003	<0.003
1,1,1,2-tetrachloroethane	mg/kg	<0.003	<0.003
1,1,1-trichloroethane	mg/kg	<0.003	<0.003
1,1,2,2-tetrachloroethane	mg/kg	<0.003	<0.003
1,1,2-trichloroethane	mg/kg	<0.003	<0.003
1,1-dichloroethane	mg/kg	<0.003	<0.003
1,1-dichloroethene	mg/kg	<0.006	<0.006
1,1-dichloropropene	mg/kg	<0.003	<0.003
1,2,3-trichloropropane	mg/kg	<0.004	<0.004
1,2,4-trimethylbenzene	mg/kg	<0.006	<0.006
1,2-dibromo-3-chloropropane	mg/kg	<0.004	<0.004
1,2-dibromoethane	mg/kg	<0.003	<0.003
1,2-dichloroethane	mg/kg	<0.004	<0.004
1,2-dichloropropane	mg/kg	<0.006	<0.006
1,3,5-trimethylbenzene	mg/kg	<0.003	<0.003
1,3-dichloropropane	mg/kg	<0.003	<0.003
2,2-dichloropropane	mg/kg	<0.004	<0.004
2-chlorotoluene	mg/kg	<0.003	<0.003
4-chlorotoluene	mg/kg	<0.003	<0.003
Bromobenzene	mg/kg	<0.002	<0.002
Bromochloromethane	mg/kg	<0.003	<0.003
Bromodichloromethane	mg/kg	<0.003	<0.003
Bromoform	mg/kg	<0.003	<0.003
Bromomethane	mg/kg	<0.001	<0.001
Carbon tetrachloride	mg/kg	<0.004	<0.004
Chlorodibromomethane	mg/kg	<0.003	<0.003
Chloroethane	mg/kg	<0.002	<0.002
Chloroform	mg/kg	<0.003	<0.003
Chloromethane	mg/kg	<0.003	<0.003
cis-1,2-dichloroethene	mg/kg	<0.003	<0.003
Dibromomethane	mg/kg	<0.003	<0.003
Dichlorodifluoromethane	mg/kg	<0.002	<0.002
Dichloromethane	mg/kg	<0.007	<0.007
Isopropylbenzene	mg/kg	<0.003	<0.003
n-butylbenzene	mg/kg	<0.004	<0.004
n-propylbenzene	mg/kg	<0.004	<0.004
p-isopropyltoluene	mg/kg	<0.004	<0.004
sec-butylbenzene	mg/kg	<0.004	<0.004
Trichloroethene	mg/kg	<0.003	<0.003
tert-butylbenzene	mg/kg	<0.005	<0.005
Tetrachloroethene	mg/kg	<0.003	<0.003
trans-1,2-dichloroethene	mg/kg	<0.003	<0.003

Refractory Brick Soil



Matrix Description		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code		FOU-SP803-S1	FOU-SP803-S1	FOU-SP803-S1	FOU-SP803-S2	FOU-SP803-S2	FOU-SP803-S2	FOU-SP803-S3	FOU-SP803-S3	FOU-SP803-S3	FOU-SP803-S3
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424
Date		15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023
Depth											
	Unit										
Trichlorofluoromethane	mg/kg	<0.002	---	---	<0.002	---	---	<0.002	---	---	---
Vinyl chloride	mg/kg	<0.002	---	---	<0.002	---	---	<0.002	---	---	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	<0.007	---	---	<0.007	---	---	<0.007	---	---	---
1,2,4-trichlorobenzene	mg/kg	<0.007	---	---	<0.007	---	---	<0.007	---	---	---
1,2-dichlorobenzene	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	---
1,3-dichlorobenzene	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	---
1,4-dichlorobenzene	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	---
Chlorobenzene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	---
Hexachlorobutadiene	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	---
SVOC											
4-bromophenyl phenyl ether	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
4-nitroaniline	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
4-nitrophenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
Diphenyl isopropylphenyl phosphate	mg/kg	---	---	---	---	---	---	---	---	---	---
catechol (o-dihydroxybenzene)	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
1-Methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,5-Trimethylphenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
2,4,5-trichlorophenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
2,4,6-trichlorophenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
2,4-dichlorophenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
2,4-dimethylphenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
2,4-dinitrotoluene	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
2,6-dinitrotoluene	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
2-chloronaphthalene	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
2-chlorophenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
2-Isopropylphenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
2-methylnaphthalene	mg/kg	<0.01	---	---	<0.01	---	---	0.014	---	---	---
2-methylphenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
2-nitroaniline	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
2-nitrophenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
3-nitroaniline	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
4-chloro-3-methylphenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
4-chloroaniline	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
4-chlorophenyl phenyl ether	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
4-methylphenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
Azobenzene	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
Bis(2-chloroethoxy) methane	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
Bis(2-chloroethyl)ether	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	---
Butyl benzyl phthalate	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	---
Carbazole	mg/kg	<0.01	---	---	<0.01	---	---	0.013	---	---	---
Dibenzofuran	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
Diethylphthalate	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	---
Dimethyl phthalate	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	---
Di-n-butyl phthalate	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	---
Di-n-octyl phthalate	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	---
Hexachlorobenzene	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
Hexachlorocyclopentadiene	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
Hexachloroethane	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
Isophorone	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
Nitrobenzene	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
N-nitrosodi-n-propylamine	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
Pentachlorophenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	---
Phthalic anhydride	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC TIC											
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	0.695	---	---	---	---	---	---	---	---	---
Naphthalene, 2-ethenyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC Tentatively Identified Compounds	None	---	---	---	0	---	---	0	---	---	---
11H-Benzo(b)fluorene	mg/kg	---	---	---	---	---	---	---	---	---	---
11H-Benzo[a]fluorene	mg/kg	---	---	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-methylfluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Methylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-one	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,1-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyclic octaatomic sulfur	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenanthrene, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC TIC											
VOC TICs - Detect	Detect	0	---	---	0	---	---	0	---	---	---
Calorific Value											
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---	---	---
Other											
Natural Moisture Content	percent	5.6	---	---	6.8	---	---	9.8	---	---	---

Refractory Brick Soil



Matrix Description		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code		FOU-SP803-S4	FOU-SP803-S4	FOU-SP803-S4	FOU-SP803-S5	FOU-SP803-S5	FOU-SP803-S5	FOU-SP803-S6	FOU-SP803-S6	FOU-SP803-S6	FOU-SP803-S8
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424
Date		15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023
Depth											
	Unit										
Trichlorofluoromethane	mg/kg	<0.002	---	---	<0.002	---	---	<0.002	---	---	<0.002
Vinyl chloride	mg/kg	<0.002	---	---	<0.002	---	---	<0.002	---	---	<0.002
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	<0.007	---	---	<0.007	---	---	<0.007	---	---	<0.007
1,2,4-trichlorobenzene	mg/kg	<0.007	---	---	<0.007	---	---	<0.007	---	---	<0.007
1,2-dichlorobenzene	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	<0.004
1,3-dichlorobenzene	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	<0.004
1,4-dichlorobenzene	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	<0.004
Chlorobenzene	mg/kg	<0.003	---	---	<0.003	---	---	<0.003	---	---	<0.003
Hexachlorobutadiene	mg/kg	<0.004	---	---	<0.004	---	---	<0.004	---	---	<0.004
SVOC											
4-bromophenyl phenyl ether	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
4-nitroaniline	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
4-nitrophenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
Diphenyl isopropylphenyl phosphate	mg/kg	---	---	---	---	---	---	---	---	---	---
catechol (o-dihydroxybenzene)	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
1-Methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,5-Trimethylphenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
2,4,5-trichlorophenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
2,4,6-trichlorophenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
2,4-dichlorophenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
2,4-dimethylphenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
2,4-dinitrotoluene	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
2,6-dinitrotoluene	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
2-chloronaphthalene	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
2-chlorophenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
2-Isopropylphenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
2-methylnaphthalene	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
2-methylphenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
2-nitroaniline	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
2-nitrophenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
3-nitroaniline	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
4-chloro-3-methylphenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
4-chloroaniline	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
4-chlorophenyl phenyl ether	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
4-methylphenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
Azobenzene	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
Bis(2-chloroethoxy) methane	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
Bis(2-chloroethyl)ether	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
Bis(2-ethylhexyl) phthalate	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	<0.1
Butyl benzyl phthalate	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	<0.1
Carbazole	mg/kg	<0.01	---	---	<0.01	---	---	0.023	---	---	<0.01
Dibenzofuran	mg/kg	<0.01	---	---	<0.01	---	---	0.013	---	---	<0.01
Diethylphthalate	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	<0.1
Dimethyl phthalate	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	<0.1
Di-n-butyl phthalate	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	<0.1
Di-n-octyl phthalate	mg/kg	<0.1	---	---	<0.1	---	---	<0.1	---	---	<0.1
Hexachlorobenzene	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
Hexachlorocyclopentadiene	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
Hexachloroethane	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
Isophorone	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
Nitrobenzene	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
N-nitrosodi-n-propylamine	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
Pentachlorophenol	mg/kg	<0.01	---	---	<0.01	---	---	<0.01	---	---	<0.01
Phthalic anhydride	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC TIC											
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	0.545	---	---	---	---	---	---	---	---	0.496
Naphthalene, 2-ethenyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC Tentatively Identified Compounds	None	---	---	---	0	---	---	0	---	---	---
11H-Benzo(b)fluorene	mg/kg	---	---	---	---	---	---	---	---	---	---
11H-Benzo[a]fluorene	mg/kg	---	---	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-methylfluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Methylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-one	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,1-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyclic octaatomic sulfur	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenanthrene, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC TIC											
VOC TICs - Detect	Detect	0	---	---	0	---	---	0	---	---	0
Calorific Value											
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---	---	---
Other											
Natural Moisture Content	percent	6.1	---	---	9.3	---	---	8.7	---	---	7.1

Refractory Brick Soil



Matrix Description		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code		FOU-SP803-S8	FOU-SP803-S8	FOU-SP803-S9	FOU-SP803-S9	FOU-SP803-S9	FOU-SP803-S10	FOU-SP803-S10	FOU-SP803-S10	FOU-SP803-S11	FOU-SP803-S11
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324
Date		15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023
Depth											
	Unit										
Trichlorofluoromethane	mg/kg	---	---	<0.002	---	---	<0.002	---	---	<0.002	---
Vinyl chloride	mg/kg	---	---	<0.002	---	---	<0.002	---	---	<0.002	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	---	<0.007	---	---	<0.007	---	---	<0.007	---
1,2,4-trichlorobenzene	mg/kg	---	---	<0.007	---	---	<0.007	---	---	<0.007	---
1,2-dichlorobenzene	mg/kg	---	---	<0.004	---	---	<0.004	---	---	<0.004	---
1,3-dichlorobenzene	mg/kg	---	---	<0.004	---	---	<0.004	---	---	<0.004	---
1,4-dichlorobenzene	mg/kg	---	---	<0.004	---	---	<0.004	---	---	<0.004	---
Chlorobenzene	mg/kg	---	---	<0.003	---	---	<0.003	---	---	<0.003	---
Hexachlorobutadiene	mg/kg	---	---	<0.004	---	---	<0.004	---	---	<0.004	---
SVOC											
4-bromophenyl phenyl ether	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
4-nitroaniline	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
4-nitrophenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Diphenyl isopropylphenyl phosphate	mg/kg	---	---	---	---	---	---	---	---	---	---
catechol (o-dihydroxybenzene)	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
1-Methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,5-Trimethylphenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2,4,5-trichlorophenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2,4,6-trichlorophenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2,4-dichlorophenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2,4-dimethylphenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2,4-dinitrotoluene	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2,6-dinitrotoluene	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2-chloronaphthalene	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2-chlorophenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2-Isopropylphenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2-methylnaphthalene	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2-methylphenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2-nitroaniline	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2-nitrophenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
3-nitroaniline	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
4-chloro-3-methylphenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
4-chloroaniline	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
4-chlorophenyl phenyl ether	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
4-methylphenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Azobenzene	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Bis(2-chloroethyl)ether	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---
Butyl benzyl phthalate	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---
Carbazole	mg/kg	---	---	<0.01	---	---	<0.01	---	---	0.015	---
Dibenzofuran	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Diethylphthalate	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---
Dimethyl phthalate	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---
Di-n-butyl phthalate	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---
Di-n-octyl phthalate	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---
Hexachlorobenzene	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Hexachlorocyclopentadiene	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Hexachloroethane	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Isophorone	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Nitrobenzene	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
N-nitrosodi-n-propylamine	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Pentachlorophenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Phthalic anhydride	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC TIC											
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	---	---	---	---	---	0.84	---	---	---	---
Naphthalene, 2-ethenyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC Tentatively Identified Compounds	None	---	---	0	---	---	---	---	---	0	---
11H-Benzo(b)fluorene	mg/kg	---	---	---	---	---	---	---	---	---	---
11H-Benzo[a]fluorene	mg/kg	---	---	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-methylfluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Methylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-one	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,1-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyclic octaatomic sulfur	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenanthrene, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC TIC											
VOC TICs - Detect	Detect	---	---	0	---	---	0	---	---	0	---
Calorific Value											
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---	---	---
Other											
Natural Moisture Content	percent	---	---	10.1	---	---	11.8	---	---	9.1	---

Refractory Brick Soil



Matrix Description		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code		FOU-SP803-S11	FOU-SP803-S12	FOU-SP803-S12	FOU-SP803-S12	FOU-SP803-S13	FOU-SP803-S13	FOU-SP803-S13	FOU-SP803-S14	FOU-SP803-S14	FOU-SP803-S14
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424
Date		15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023
Depth											
	Unit										
Trichlorofluoromethane	mg/kg	---	<0.002	---	---	<0.002	---	---	<0.002	---	---
Vinyl chloride	mg/kg	---	<0.002	---	---	<0.002	---	---	<0.002	---	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	<0.007	---	---	<0.007	---	---	<0.007	---	---
1,2,4-trichlorobenzene	mg/kg	---	<0.007	---	---	<0.007	---	---	<0.007	---	---
1,2-dichlorobenzene	mg/kg	---	<0.004	---	---	<0.004	---	---	<0.004	---	---
1,3-dichlorobenzene	mg/kg	---	<0.004	---	---	<0.004	---	---	<0.004	---	---
1,4-dichlorobenzene	mg/kg	---	<0.004	---	---	<0.004	---	---	<0.004	---	---
Chlorobenzene	mg/kg	---	<0.003	---	---	<0.003	---	---	<0.003	---	---
Hexachlorobutadiene	mg/kg	---	<0.004	---	---	<0.004	---	---	<0.004	---	---
SVOC											
4-bromophenyl phenyl ether	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
4-nitroaniline	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
4-nitrophenol	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
Diphenyl isopropylphenyl phosphate	mg/kg	---	---	---	---	---	---	---	---	---	---
catechol (o-dihydroxybenzene)	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
1-Methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,5-Trimethylphenol	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
2,4,5-trichlorophenol	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
2,4,6-trichlorophenol	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
2,4-dichlorophenol	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
2,4-dimethylphenol	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
2,4-dinitrotoluene	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
2,6-dinitrotoluene	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
2-chloronaphthalene	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
2-chlorophenol	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
2-Isopropylphenol	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
2-methylnaphthalene	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
2-methylphenol	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
2-nitroaniline	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
2-nitrophenol	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
3-nitroaniline	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
4-chloro-3-methylphenol	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
4-chloroaniline	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
4-chlorophenyl phenyl ether	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
4-methylphenol	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
Azobenzene	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
Bis(2-chloroethoxy) methane	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
Bis(2-chloroethyl)ether	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	<0.1	---	---	<0.1	---	---	<0.1	---	---
Butyl benzyl phthalate	mg/kg	---	<0.1	---	---	<0.1	---	---	<0.1	---	---
Carbazole	mg/kg	---	<0.01	---	---	<0.01	---	---	0.012	---	---
Dibenzofuran	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
Diethylphthalate	mg/kg	---	<0.1	---	---	<0.1	---	---	<0.1	---	---
Dimethyl phthalate	mg/kg	---	<0.1	---	---	<0.1	---	---	<0.1	---	---
Di-n-butyl phthalate	mg/kg	---	<0.1	---	---	<0.1	---	---	<0.1	---	---
Di-n-octyl phthalate	mg/kg	---	<0.1	---	---	<0.1	---	---	<0.1	---	---
Hexachlorobenzene	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
Hexachlorocyclopentadiene	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
Hexachloroethane	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
Isophorone	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
Nitrobenzene	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
N-nitrosodi-n-propylamine	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
Pentachlorophenol	mg/kg	---	<0.01	---	---	<0.01	---	---	<0.01	---	---
Phthalic anhydride	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC TIC											
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	---	0.641	---	---	0.67	---	---	---	---	---
Naphthalene, 2-ethenyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC Tentatively Identified Compounds	None	---	---	---	---	---	---	---	0	---	---
11H-Benzo(b)fluorene	mg/kg	---	---	---	---	---	---	---	---	---	---
11H-Benzo[a]fluorene	mg/kg	---	---	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-methylfluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Methylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-one	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,1-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyclic octaatomic sulfur	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenanthrene, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC TIC											
VOC TICs - Detect	Detect	---	0	---	---	0	---	---	0	---	---
Calorific Value											
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---	---	---
Other											
Natural Moisture Content	percent	---	7	---	---	7.7	---	---	5.3	---	---

Refractory Brick Soil



Matrix Description		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code		FOU-SP803-S15	FOU-SP803-S15	FOU-SP803-S15	FOU-SP803-S16	FOU-SP803-S16	FOU-SP803-S16	FOU-SP803-S16	FOU-SP804-S1	FOU-SP804-S1	FOU-SP804-S1
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-290424	24-2875-1-070324	24-2875-1-180324	24-2875-1-180424
Date		15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	19 Feb 2024	19 Feb 2024	19 Feb 2024
Depth											
	Unit										
Trichlorofluoromethane	mg/kg	<0.002	---	---	<0.002	---	---	---	<0.002	---	<0.002
Vinyl chloride	mg/kg	<0.002	---	---	<0.002	---	---	---	<0.002	---	<0.002
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	<0.007	---	---	<0.007	---	---	---	<0.007	---	<0.007
1,2,4-trichlorobenzene	mg/kg	<0.007	---	---	<0.007	---	---	---	<0.007	---	<0.007
1,2-dichlorobenzene	mg/kg	<0.004	---	---	<0.004	---	---	---	<0.004	---	<0.004
1,3-dichlorobenzene	mg/kg	<0.004	---	---	<0.004	---	---	---	<0.004	---	<0.004
1,4-dichlorobenzene	mg/kg	<0.004	---	---	<0.004	---	---	---	<0.004	---	<0.004
Chlorobenzene	mg/kg	<0.003	---	---	<0.003	---	---	---	<0.003	---	<0.003
Hexachlorobutadiene	mg/kg	<0.004	---	---	<0.004	---	---	---	<0.004	---	<0.004
SVOC											
4-bromophenyl phenyl ether	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
4-nitroaniline	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
4-nitrophenol	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
Diphenyl isopropylphenyl phosphate	mg/kg	---	---	---	---	---	---	---	---	---	---
catechol (o-dihydroxybenzene)	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
1-Methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,5-Trimethylphenol	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
2,4,5-trichlorophenol	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
2,4,6-trichlorophenol	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
2,4-dichlorophenol	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
2,4-dimethylphenol	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
2,4-dinitrotoluene	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
2,6-dinitrotoluene	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
2-chloronaphthalene	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
2-chlorophenol	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
2-Isopropylphenol	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
2-methylnaphthalene	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
2-methylphenol	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
2-nitroaniline	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
2-nitrophenol	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
3-nitroaniline	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
4-chloro-3-methylphenol	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
4-chloroaniline	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
4-chlorophenyl phenyl ether	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
4-methylphenol	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
Azobenzene	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
Bis(2-chloroethoxy) methane	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
Bis(2-chloroethyl)ether	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
Bis(2-ethylhexyl) phthalate	mg/kg	<0.1	---	---	<0.1	---	---	---	<0.1	---	<0.1
Butyl benzyl phthalate	mg/kg	<0.1	---	---	<0.1	---	---	---	<0.1	---	<0.1
Carbazole	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
Dibenzofuran	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	0.255
Diethylphthalate	mg/kg	<0.1	---	---	<0.1	---	---	---	<0.1	---	<0.1
Dimethyl phthalate	mg/kg	<0.1	---	---	<0.1	---	---	---	<0.1	---	<0.1
Di-n-butyl phthalate	mg/kg	<0.1	---	---	<0.1	---	---	---	<0.1	---	<0.1
Di-n-octyl phthalate	mg/kg	<0.1	---	---	<0.1	---	---	---	<0.1	---	<0.1
Hexachlorobenzene	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
Hexachlorocyclopentadiene	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
Hexachloroethane	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
Isophorone	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
Nitrobenzene	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
N-nitrosodi-n-propylamine	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
Pentachlorophenol	mg/kg	<0.01	---	---	<0.01	---	---	---	<0.01	---	<0.01
Phthalic anhydride	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC TIC											
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	0.66	---	---	0.964	---	---	---	---	---	---
Naphthalene, 2-ethenyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC Tentatively Identified Compounds	None	---	---	---	---	---	---	---	0	---	---
11H-Benzo(b)fluorene	mg/kg	---	---	---	---	---	---	---	---	---	---
11H-Benzo[a]fluorene	mg/kg	---	---	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-methylfluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Methylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-one	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,1-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyclic octaatomic sulfur	mg/kg	---	---	---	---	---	---	---	---	---	2.745
Phenanthrene, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC TIC											
VOC TICs - Detect	Detect	0	---	---	0	---	---	---	0	---	0
Calorific Value											
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---	<1	---
Other											
Natural Moisture Content	percent	4.3	---	---	3.2	---	---	---	8.2	---	1.7

Refractory Brick Soil



Matrix Description		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code		FOU-SP805-S2	FOU-SP805-S2	FOU-SP805-S5	FOU-SP805-S5	FOU-SP805-S5	FOU-SP805-S10	FOU-SP805-S10	FOU-SP805-S10	FOU-SP805-S13	FOU-SP805-S13
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-2875-1-180324	24-2875-1-180424	24-2875-1-070324	24-2875-1-180324	24-2875-1-180424	24-3246-1-070324	24-3246-1-180324	24-3246-1-180424	24-3246-1-070324	24-3246-1-180324
Date		19 Feb 2024	19 Feb 2024	19 Feb 2024	19 Feb 2024	19 Feb 2024	20 Feb 2024	20 Feb 2024	20 Feb 2024	20 Feb 2024	20 Feb 2024
Depth											
	Unit										
Trichlorofluoromethane	mg/kg	---	---	<0.002	---	---	---	---	<0.002	---	---
Vinyl chloride	mg/kg	---	---	<0.002	---	---	---	---	<0.002	---	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	---	---	<0.007	---	---	---	---	<0.007	---	---
1,2,4-trichlorobenzene	mg/kg	---	---	<0.007	---	---	<0.01	---	<0.007	<0.01	---
1,2-dichlorobenzene	mg/kg	---	---	<0.004	---	---	<0.01	---	<0.004	<0.01	---
1,3-dichlorobenzene	mg/kg	---	---	<0.004	---	---	<0.01	---	<0.004	<0.01	---
1,4-dichlorobenzene	mg/kg	---	---	<0.004	---	---	<0.01	---	<0.004	<0.01	---
Chlorobenzene	mg/kg	---	---	<0.003	---	---	---	---	<0.003	---	---
Hexachlorobutadiene	mg/kg	---	---	<0.004	---	---	<0.01	---	<0.004	<0.01	---
SVOC											
4-bromophenyl phenyl ether	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
4-nitroaniline	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
4-nitrophenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Diphenyl isopropylphenyl phosphate	mg/kg	---	---	---	---	---	---	---	---	---	---
catechol (o-dihydroxybenzene)	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
1-Methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,5-Trimethylphenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2,4,5-trichlorophenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2,4,6-trichlorophenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2,4-dichlorophenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2,4-dimethylphenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2,4-dinitrotoluene	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2,6-dinitrotoluene	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2-chloronaphthalene	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2-chlorophenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2-Isopropylphenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2-methylnaphthalene	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2-methylphenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2-nitroaniline	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
2-nitrophenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
3-nitroaniline	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
4-chloro-3-methylphenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
4-chloroaniline	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
4-chlorophenyl phenyl ether	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
4-methylphenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Azobenzene	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Bis(2-chloroethoxy) methane	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Bis(2-chloroethyl)ether	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---
Butyl benzyl phthalate	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---
Carbazole	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Dibenzofuran	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Diethylphthalate	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---
Dimethyl phthalate	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---
Di-n-butyl phthalate	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---
Di-n-octyl phthalate	mg/kg	---	---	<0.1	---	---	<0.1	---	---	<0.1	---
Hexachlorobenzene	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Hexachlorocyclopentadiene	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Hexachloroethane	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Isophorone	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Nitrobenzene	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
N-nitrosodi-n-propylamine	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Pentachlorophenol	mg/kg	---	---	<0.01	---	---	<0.01	---	---	<0.01	---
Phthalic anhydride	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC TIC											
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
Naphthalene, 2-ethenyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC Tentatively Identified Compounds	None	---	---	0	---	---	0	---	---	0	---
11H-Benzo(b)fluorene	mg/kg	---	---	---	---	---	---	---	---	---	---
11H-Benzo[a]fluorene	mg/kg	---	---	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-methylfluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Methylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-one	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,1-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyclic octaatomic sulfur	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenanthrene, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC TIC											
VOC TICs - Detect	Detect	---	0	0	---	0	0	---	0	0	---
Calorific Value											
Calorific Value	MJ/kg	---	<1	---	---	<1	---	---	<1	---	---
Other											
Natural Moisture Content	percent	---	---	7.5	---	---	7.1	---	7.1	7.7	---

Refractory Brick Soil



Matrix Description		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code		FOU-SP805-S13	FOU-SP805-S19	FOU-SP806-S2	FOU-SP806-S2	FOU-SP806-S2	FOU-SP806-S12	FOU-SP806-S13	FOU-SP806-S16	FOU-SP806-S17	FOU-SP806-S17
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-3246-1-180424	24-3562-1-170424	24-3246-1-070324	24-3246-1-180324	24-3246-1-180424	24-3562-1-170424	24-3562-1-170424	24-3562-1-170424	24-3562-1-170424	24-3562-1-170424
Date		20 Feb 2024	28 Feb 2024	20 Feb 2024	20 Feb 2024	20 Feb 2024	27 Feb 2024	27 Feb 2024	27 Feb 2024	27 Feb 2024	27 Feb 2024
Depth											
	Unit										
Trichlorofluoromethane	mg/kg	<0.002	<0.002	---	---	<0.002	<0.002	<0.002	<0.002	<0.002	---
Vinyl chloride	mg/kg	<0.002	<0.002	---	---	<0.002	<0.002	<0.002	<0.002	<0.002	---
VOC/SVOC											
1,2,3-trichlorobenzene	mg/kg	<0.007	<0.007	---	---	<0.007	<0.007	<0.007	<0.007	<0.007	---
1,2,4-trichlorobenzene	mg/kg	<0.007	<0.007	<0.01	---	<0.007	<0.007	<0.007	<0.007	<0.007	---
1,2-dichlorobenzene	mg/kg	<0.004	<0.004	<0.01	---	<0.004	<0.004	<0.004	<0.004	<0.004	---
1,3-dichlorobenzene	mg/kg	<0.004	<0.004	<0.01	---	<0.004	<0.004	<0.004	<0.004	<0.004	---
1,4-dichlorobenzene	mg/kg	<0.004	<0.004	<0.01	---	<0.004	<0.004	<0.004	<0.004	<0.004	---
Chlorobenzene	mg/kg	<0.003	<0.003	---	---	<0.003	<0.003	<0.003	<0.003	<0.003	---
Hexachlorobutadiene	mg/kg	<0.004	<0.004	<0.01	---	<0.004	<0.004	<0.004	<0.004	<0.004	---
SVOC											
4-bromophenyl phenyl ether	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
4-nitroaniline	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
4-nitrophenol	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
Diphenyl isopropylphenyl phosphate	mg/kg	---	---	---	---	---	---	---	---	---	---
catechol (o-dihydroxybenzene)	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
1-Methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---	---
2,3,5-Trimethylphenol	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
2,4,5-trichlorophenol	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
2,4,6-trichlorophenol	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
2,4-dichlorophenol	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
2,4-dimethylphenol	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
2,4-dinitrotoluene	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
2,6-dinitrotoluene	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
2-chloronaphthalene	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
2-chlorophenol	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
2-Isopropylphenol	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
2-methylnaphthalene	mg/kg	---	<0.01	0.077	---	---	<0.01	<0.01	<0.01	<0.01	---
2-methylphenol	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
2-nitroaniline	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
2-nitrophenol	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
3-nitroaniline	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
4-chloro-3-methylphenol	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
4-chloroaniline	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
4-chlorophenyl phenyl ether	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
4-methylphenol	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
Azobenzene	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
Bis(2-chloroethoxy) methane	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
Bis(2-chloroethyl)ether	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
Bis(2-ethylhexyl) phthalate	mg/kg	---	<0.1	<0.1	---	---	<0.1	<0.1	<0.1	<0.1	---
Butyl benzyl phthalate	mg/kg	---	<0.1	<0.1	---	---	<0.1	<0.1	<0.1	<0.1	---
Carbazole	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
Dibenzofuran	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
Diethylphthalate	mg/kg	---	<0.1	<0.1	---	---	<0.1	<0.1	<0.1	<0.1	---
Dimethyl phthalate	mg/kg	---	<0.1	<0.1	---	---	<0.1	<0.1	<0.1	<0.1	---
Di-n-butyl phthalate	mg/kg	---	<0.1	<0.1	---	---	<0.1	<0.1	<0.1	<0.1	---
Di-n-octyl phthalate	mg/kg	---	<0.1	<0.1	---	---	<0.1	<0.1	<0.1	<0.1	---
Hexachlorobenzene	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
Hexachlorocyclopentadiene	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
Hexachloroethane	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
Isophorone	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
Nitrobenzene	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
N-nitrosodi-n-propylamine	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
Pentachlorophenol	mg/kg	---	<0.01	<0.01	---	---	<0.01	<0.01	<0.01	<0.01	---
Phthalic anhydride	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC TIC											
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	---	---	2.989	---	---	---	---	---	---	---
Naphthalene, 2-ethenyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
SVOC Tentatively Identified Compounds	None	---	0	---	---	---	0	0	0	0	---
11H-Benzo(b)fluorene	mg/kg	---	---	---	---	---	---	---	---	---	---
11H-Benzo[a]fluorene	mg/kg	---	---	---	---	---	---	---	---	---	---
1-methylantracene	mg/kg	---	---	---	---	---	---	---	---	---	---
2-methylfluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
4-Methylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-one	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,1-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---	---
Cyclic octaatomic sulfur	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenanthrene, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---	---
VOC TIC											
VOC TICs - Detect	Detect	0	0	0	---	0	0	0	0	0	---
Calorific Value											
Calorific Value	MJ/kg	<1	---	---	---	2	---	---	---	---	---
Other											
Natural Moisture Content	percent	7.7	8.6	3.4	---	3.4	0.3	1.5	5.5	6.5	---

Refractory Brick Soil



Matrix Description		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code		FOU-SP806-S18	FOU-SP806-S23	FOU-SP806-S24	FOU-SP807-S1	FOU-SP807-S18	FOU-SP807-S19	FOU-SP807-S22	FOU-SP807-S29	FOU-SP807-S34
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424
Date		29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024
Depth										
	Unit									
Trichlorofluoromethane	mg/kg	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Vinyl chloride	mg/kg	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
VOC/SVOC										
1,2,3-trichlorobenzene	mg/kg	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007
1,2,4-trichlorobenzene	mg/kg	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007
1,2-dichlorobenzene	mg/kg	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
1,3-dichlorobenzene	mg/kg	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
1,4-dichlorobenzene	mg/kg	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Chlorobenzene	mg/kg	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Hexachlorobutadiene	mg/kg	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
SVOC										
4-bromophenyl phenyl ether	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-nitroaniline	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-nitrophenol	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Diphenyl isopropylphenyl phosphate	mg/kg	---	---	---	---	---	---	---	---	---
catechol (o-dihydroxybenzene)	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1-Methylnaphthalene	mg/kg	---	---	---	---	---	---	---	---	---
2,3,5-Trimethylphenol	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2,4,5-trichlorophenol	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2,4,6-trichlorophenol	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2,4-dichlorophenol	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2,4-dimethylphenol	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2,4-dinitrotoluene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2,6-dinitrotoluene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-chloronaphthalene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-chlorophenol	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Isopropylphenol	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-methylnaphthalene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-methylphenol	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-nitroaniline	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-nitrophenol	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3-nitroaniline	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-chloro-3-methylphenol	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-chloroaniline	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-chlorophenyl phenyl ether	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-methylphenol	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Azobenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bis(2-chloroethoxy) methane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bis(2-chloroethyl)ether	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bis(2-ethylhexyl) phthalate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Butyl benzyl phthalate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Carbazole	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibenzofuran	mg/kg	<0.01	<0.01	<0.01	0.027	<0.01	<0.01	<0.01	<0.01	<0.01
Diethylphthalate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dimethyl phthalate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Di-n-butyl phthalate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Di-n-octyl phthalate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hexachlorobenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Hexachlorocyclopentadiene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Hexachloroethane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Isophorone	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrobenzene	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
N-nitrosodi-n-propylamine	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pentachlorophenol	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phthalic anhydride	mg/kg	---	---	---	---	---	---	---	---	---
SVOC TIC										
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	---	---	---	---	---	---	---	---	---
Naphthalene, 2-ethenyl-	mg/kg	---	---	---	---	---	---	---	---	---
SVOC Tentatively Identified Compounds	None	0	0	0	0	0	0	0	0	0
11H-Benzo(b)fluorene	mg/kg	---	---	---	---	---	---	---	---	---
11H-Benzo[a]fluorene	mg/kg	---	---	---	---	---	---	---	---	---
1-methylanthracene	mg/kg	---	---	---	---	---	---	---	---	---
2-methylfluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
4-Methylphenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
9H-Fluoren-9-one	mg/kg	---	---	---	---	---	---	---	---	---
Benzo[b]naphtho[2,1-d]thiophene	mg/kg	---	---	---	---	---	---	---	---	---
Cyclic octaatomic sulfur	mg/kg	---	---	---	---	---	---	---	---	---
Phenanthrene, 2-methyl-	mg/kg	---	---	---	---	---	---	---	---	---
VOC TIC										
VOC TICs - Detect	Detect	0	0	0	0	0	---	0	0	0
Calorific Value										
Calorific Value	MJ/kg	---	---	---	---	---	---	---	---	---
Other										
Natural Moisture Content	percent	0.1	1.1	10.2	2.2	4.1	24.5	5.5	0.1	2.8

Refractory Brick Soil



Matrix Description		Refractory Brick	Refractory Brick
Location Code		FOU-SP807-S37	FOU-SP807-S39
Matrix Type		Soil	Soil
Lab Report Number		24-3806-1-190424	24-3806-1-190424
Date		29 Feb 2024	29 Feb 2024
Depth			
	Unit		
Trichlorofluoromethane	mg/kg	<0.002	<0.002
Vinyl chloride	mg/kg	<0.002	<0.002
VOC/SVOC			
1,2,3-trichlorobenzene	mg/kg	<0.007	<0.007
1,2,4-trichlorobenzene	mg/kg	<0.007	<0.007
1,2-dichlorobenzene	mg/kg	<0.004	<0.004
1,3-dichlorobenzene	mg/kg	<0.004	<0.004
1,4-dichlorobenzene	mg/kg	<0.004	<0.004
Chlorobenzene	mg/kg	<0.003	<0.003
Hexachlorobutadiene	mg/kg	<0.004	<0.004
SVOC			
4-bromophenyl phenyl ether	mg/kg	<0.01	<0.01
4-nitroaniline	mg/kg	<0.01	<0.01
4-nitrophenol	mg/kg	<0.01	<0.01
Diphenyl isopropylphenyl phosphate	mg/kg	---	---
catechol (o-dihydroxybenzene)	mg/kg	<0.01	<0.01
1-Methylnaphthalene	mg/kg	---	---
2,3,5-Trimethylphenol	mg/kg	<0.01	<0.01
2,4,5-trichlorophenol	mg/kg	<0.01	<0.01
2,4,6-trichlorophenol	mg/kg	<0.01	<0.01
2,4-dichlorophenol	mg/kg	<0.01	<0.01
2,4-dimethylphenol	mg/kg	<0.01	<0.01
2,4-dinitrotoluene	mg/kg	<0.01	<0.01
2,6-dinitrotoluene	mg/kg	<0.01	<0.01
2-chloronaphthalene	mg/kg	<0.01	<0.01
2-chlorophenol	mg/kg	<0.01	<0.01
2-Isopropylphenol	mg/kg	<0.01	<0.01
2-methylnaphthalene	mg/kg	<0.01	<0.01
2-methylphenol	mg/kg	<0.01	<0.01
2-nitroaniline	mg/kg	<0.01	<0.01
2-nitrophenol	mg/kg	<0.01	<0.01
3-nitroaniline	mg/kg	<0.01	<0.01
4-chloro-3-methylphenol	mg/kg	<0.01	<0.01
4-chloroaniline	mg/kg	<0.01	<0.01
4-chlorophenyl phenyl ether	mg/kg	<0.01	<0.01
4-methylphenol	mg/kg	<0.01	<0.01
Azobenzene	mg/kg	<0.01	<0.01
Bis(2-chloroethoxy) methane	mg/kg	<0.01	<0.01
Bis(2-chloroethyl)ether	mg/kg	<0.01	<0.01
Bis(2-ethylhexyl) phthalate	mg/kg	<0.1	<0.1
Butyl benzyl phthalate	mg/kg	<0.1	<0.1
Carbazole	mg/kg	<0.01	<0.01
Dibenzofuran	mg/kg	<0.01	<0.01
Diethylphthalate	mg/kg	<0.1	<0.1
Dimethyl phthalate	mg/kg	<0.1	<0.1
Di-n-butyl phthalate	mg/kg	<0.1	<0.1
Di-n-octyl phthalate	mg/kg	<0.1	<0.1
Hexachlorobenzene	mg/kg	<0.01	<0.01
Hexachlorocyclopentadiene	mg/kg	<0.01	<0.01
Hexachloroethane	mg/kg	<0.01	<0.01
Isophorone	mg/kg	<0.01	<0.01
Nitrobenzene	mg/kg	<0.01	<0.01
N-nitrosodi-n-propylamine	mg/kg	<0.01	<0.01
Pentachlorophenol	mg/kg	<0.01	<0.01
Phthalic anhydride	mg/kg	---	---
SVOC TIC			
Cyclohexanone, 3,3,5-trimethyl-	mg/kg	---	---
Naphthalene, 2-ethenyl-	mg/kg	---	---
SVOC Tentatively Identified Compounds	None	0	0
11H-Benzo(b)fluorene	mg/kg	---	---
11H-Benzo[a]fluorene	mg/kg	---	---
1-methylantracene	mg/kg	---	---
2-methylfluoranthene	mg/kg	---	---
4-Methylphenanthrene	mg/kg	---	---
9H-Fluoren-9-one	mg/kg	---	---
Benzo[b]naphtho[2,1-d]thiophene	mg/kg	---	---
Cyclic octaatomic sulfur	mg/kg	---	---
Phenanthrene, 2-methyl-	mg/kg	---	---
VOC TIC			
VOC TICs - Detect	Detect	0	0
Calorific Value			
Calorific Value	MJ/kg	---	---
Other			
Natural Moisture Content	percent	3.1	16.5

Refractory Brick Soil



Matrix Description		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code		FOU-SP803-S1	FOU-SP803-S1	FOU-SP803-S1	FOU-SP803-S2	FOU-SP803-S2	FOU-SP803-S2	FOU-SP803-S3	FOU-SP803-S3	FOU-SP803-S3	FOU-SP803-S3
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424
Date		15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023
Depth											
	Unit										
Loss on ignition	%	---	---	---	---	---	---	---	---	---	---
Moisture Content 105C	%	5.2	---	---	5.5	---	---	8.5	---	---	---
Total Organic Carbon	%	---	0.03	---	---	0.04	---	---	---	1.85	---
Total Inorganic Carbon	mg/kg	---	<2,000	---	---	<2,000	---	---	---	8,000	---
pH (Lab)	pH_Units	8.87	---	---	7.25	---	---	7.86	---	---	---



Refractory Brick Soil

Matrix Description		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code		FOU-SP803-S4	FOU-SP803-S4	FOU-SP803-S4	FOU-SP803-S5	FOU-SP803-S5	FOU-SP803-S5	FOU-SP803-S6	FOU-SP803-S6	FOU-SP803-S6
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424
Date		15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023
Depth										
	Unit									
Loss on ignition	%	---	---	---	---	---	---	---	---	---
Moisture Content 105C	%	6.1	---	---	8.5	---	---	8.4	---	7
Total Organic Carbon	%	---	0.05	---	---	0.06	---	---	0.04	---
Total Inorganic Carbon	mg/kg	---	<2,000	---	---	<2,000	---	---	<2,000	---
pH (Lab)	pH_Units	3.92	---	---	8.21	---	---	8.4	---	8.64



Refractory Brick Soil

Matrix Description		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code		FOU-SP803-S8	FOU-SP803-S8	FOU-SP803-S9	FOU-SP803-S9	FOU-SP803-S9	FOU-SP803-S10	FOU-SP803-S10	FOU-SP803-S10	FOU-SP803-S11	FOU-SP803-S11
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324
Date		15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023
Depth											
	Unit										
Loss on ignition	%	---	---	---	---	---	---	---	---	---	---
Moisture Content 105C	%	---	---	8.2	---	---	12	---	---	8.8	---
Total Organic Carbon	%	<0.02	---	---	<0.02	---	---	0.14	---	---	0.04
Total Inorganic Carbon	mg/kg	<2,000	---	---	<2,000	---	---	<2,000	---	---	<2,000
pH (Lab)	pH_Units	---	---	7.63	---	---	8.28	---	---	8.56	---



Refractory Brick Soil

Matrix Description		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code		FOU-SP803-S11	FOU-SP803-S12	FOU-SP803-S12	FOU-SP803-S12	FOU-SP803-S13	FOU-SP803-S13	FOU-SP803-S13	FOU-SP803-S14	FOU-SP803-S14	FOU-SP803-S14
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424
Date		15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023
Depth											
	Unit										
Loss on ignition	%	---	---	---	---	---	---	---	---	---	---
Moisture Content 105C	%	---	6.6	---	---	7.3	---	---	4.6	---	---
Total Organic Carbon	%	---	---	0.03	---	---	0.03	---	---	0.09	---
Total Inorganic Carbon	mg/kg	---	---	<2,000	---	---	<2,000	---	---	<2,000	---
pH (Lab)	pH_Units	---	8.65	---	---	9.1	---	---	9.01	---	---



Refractory Brick Soil

Matrix Description		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code		FOU-SP803-S15	FOU-SP803-S15	FOU-SP803-S15	FOU-SP803-S16	FOU-SP803-S16	FOU-SP803-S16	FOU-SP804-S1	FOU-SP804-S1	FOU-SP804-S1	FOU-SP805-S2
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2765-1-110424	24-2765-1-180324	24-2765-1-290424	24-2875-1-070324	24-2875-1-180324	24-2875-1-180424	24-2875-1-070324
Date		15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	19 Feb 2024	19 Feb 2024	19 Feb 2024	19 Feb 2024
Depth											
	Unit										
Loss on ignition	%	---	---	---	---	---	---	---	---	<1	---
Moisture Content 105C	%	4.6	---	---	3.9	---	---	---	---	7.2	---
Total Organic Carbon	%	---	<0.02	---	---	<0.02	---	---	<0.02	---	---
Total Inorganic Carbon	mg/kg	---	<2,000	---	---	<2,000	---	---	<2,000	---	---
pH (Lab)	pH_Units	6.57	---	---	4.17	---	---	9.82	---	---	4.69



Refractory Brick Soil

Matrix Description		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code		FOU-SP805-S2	FOU-SP805-S2	FOU-SP805-S5	FOU-SP805-S5	FOU-SP805-S5	FOU-SP805-S10	FOU-SP805-S10	FOU-SP805-S10	FOU-SP805-S13
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-2875-1-180324	24-2875-1-180424	24-2875-1-070324	24-2875-1-180324	24-2875-1-180424	24-3246-1-070324	24-3246-1-180324	24-3246-1-180424	24-3246-1-070324
Date		19 Feb 2024	19 Feb 2024	19 Feb 2024	19 Feb 2024	19 Feb 2024	20 Feb 2024	20 Feb 2024	20 Feb 2024	20 Feb 2024
Depth										
	Unit									
Loss on ignition	%	---	<1	---	---	<1	---	---	<1	---
Moisture Content 105C	%	---	0.9	---	---	6.7	---	---	12.1	---
Total Organic Carbon	%	0.02	---	---	<0.02	---	---	<0.02	---	<0.02
Total Inorganic Carbon	mg/kg	<2,000	---	---	<2,000	---	---	<2,000	---	<2,000
pH (Lab)	pH_Units	---	---	4.42	---	---	9.18	---	---	7.93



Refractory Brick Soil

Matrix Description		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code		FOU-SP805-S13	FOU-SP805-S19	FOU-SP806-S2	FOU-SP806-S2	FOU-SP806-S2	FOU-SP806-S12	FOU-SP806-S13	FOU-SP806-S16	FOU-SP806-S17	FOU-SP806-S17
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-3246-1-180424	24-3562-1-170424	24-3246-1-070324	24-3246-1-180324	24-3246-1-180424	24-3562-1-170424	24-3562-1-170424	24-3562-1-170424	24-3562-1-170424	24-3562-1-170424
Date		20 Feb 2024	28 Feb 2024	20 Feb 2024	20 Feb 2024	20 Feb 2024	27 Feb 2024	27 Feb 2024	27 Feb 2024	27 Feb 2024	27 Feb 2024
Depth											
	Unit										
Loss on ignition	%	<1	---	---	---	<1	---	---	---	---	---
Moisture Content 105C	%	8.3	8.6	---	---	2.8	<0.1	1.6	5.4	5.2	---
Total Organic Carbon	%	---	<0.02	---	9.27	---	<0.02	<0.02	<0.02	0.17	---
Total Inorganic Carbon	mg/kg	---	<2,000	---	3,000	---	<2,000	<2,000	<2,000	<2,000	---
pH (Lab)	pH_Units	---	8.74	10.07	---	---	9.21	9.28	8.25	8.53	---



Refractory Brick Soil

Matrix Description		Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code		FOU-SP806-S18	FOU-SP806-S23	FOU-SP806-S24	FOU-SP807-S1	FOU-SP807-S18	FOU-SP807-S19	FOU-SP807-S22	FOU-SP807-S29	FOU-SP807-S34
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424
Date		29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024
Depth										
	Unit									
Loss on ignition	%	---	---	---	---	---	---	---	---	---
Moisture Content 105C	%	0.3	1.5	9.5	1.9	4.1	24	5.9	0.4	2.8
Total Organic Carbon	%	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Total Inorganic Carbon	mg/kg	<2,000	<2,000	<2,000	<2,000	<2,000	<2,000	<2,000	<2,000	<2,000
pH (Lab)	pH_Units	9.1	9.13	6.18	8.82	7.97	4.47	9.11	7.6	4.49

Refractory Brick Soil



Matrix Description		Refractory Brick	Refractory Brick
Location Code		FOU-SP807-S37	FOU-SP807-S39
Matrix Type		Soil	Soil
Lab Report Number		24-3806-1-190424	24-3806-1-190424
Date		29 Feb 2024	29 Feb 2024
Depth			
	Unit		
Loss on ignition	%	---	---
Moisture Content 105C	%	3	16.2
Total Organic Carbon	%	<0.02	0.02
Total Inorganic Carbon	mg/kg	<2,000	<2,000
pH (Lab)	pH_Units	6.95	8.27

Statistics
* A Non Detect Multiplier of 0.5 has been applied.

Refractory Brick Leachate



Matrix Description				Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code				FOU-SP803-S1	FOU-SP803-S2	FOU-SP803-S3	FOU-SP803-S4	FOU-SP803-S5	FOU-SP803-S6	FOU-SP803-S8	FOU-SP803-S9
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				24-2765-1-110424	24-2765-1-110424	24-2765-1-110424	24-2765-1-110424	24-2765-1-110424	24-2765-1-110424	24-2765-1-110424	24-2765-1-110424
Date				15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023
Depth											
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	273	182	127	39,553	163	41	376	21
Antimony (filtered)	µg/L	5 ^{#1}	-	<2	<2	<2	<2	<2	<2	<2	<2
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#9}	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Barium (filtered)	µg/L	1,300 ^{#2}	-	6	5	9	37	<3	<3	<3	18
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#10}	17	13	14	20	<12	<12	<12	15
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#11}	<0.5	<0.5	<0.5	19.1	<0.5	<0.5	<0.5	<0.5
Calcium (filtered)	mg/L	-	-	25.7	29.6	126.5	17.7	10.6	20.9	8.8	386.1
Chromium (hexavalent)	µg/L	-	0.6 ^{#11}	8	32	<6	<6	<6	17	<6	<6
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#11}	4.8	<1.5	<1.5	60.2	<1.5	3.8	<1.5	6.3
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#12}	<7	<7	<7	860	<7	<7	<7	<7
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#9}	<20	<20	<20	470	<20	<20	38	<20
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#11}	<5	<5	<5	2,044	<5	<5	<5	<5
Magnesium (filtered)	mg/L	-	-	1.6	0.9	0.7	10	0.1	0.3	0.2	0.3
Manganese (filtered)	µg/L	50 ^{#1}	-	2	<2	14	963	<2	<2	<2	30
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#13}	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Molybdenum (filtered)	µg/L	70 ^{#3}	-	<2	<2	<2	<2	<2	<2	<2	72
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#11}	<2	<2	<2	110	<2	<2	<2	2
Selenium (filtered)	µg/L	10 ^{#1}	-	<3	<3	<3	<3	<3	<3	<3	<3
Silicon (filtered)	µg/L	-	-	1,393	1,975	1,709	1,018	1,586	2,217	1,588	2,321
Vanadium (filtered)	µg/L	-	100 ^{#14}	51.5	19.3	7.7	1.9	<1.5	<1.5	4.3	<1.5
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#15}	<3	<3	<3	4,741	<3	<3	<3	<3
Inorganics											
Ammoniacal Nitrogen as N	mg/L	-	0.02 ^{#9}	<0.03	<0.03	<0.03	10.59	<0.03	<0.03	<0.03	<0.03
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#9}	<1	<1	<1	<1	<1	<1	<1	<1
Cyanide Total	µg/L	50 ^{#1}	1 ^{#9}	<1	<1	1	<1	<1	2	<1	7
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#9}	<1	<1	1	<1	<1	2	<1	7
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	5.1	<0.2	1	13.6	1.8	<0.2	<0.2	<0.2
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Sulphate	mg/L	250 (SO4) ^{#7}	-	71.4	60.6	277.8	714.9	20.7	36.6	6.8	567.6
Sulphide	µg/L	-	10 (MAC) ^{#17}	<10	<10	<10	<10	<10	<10	<10	<10
Thiocyanate (as SCN)	µg/L	-	-	<20	<20	<20	<20	<20	<20	<20	<20
Ortho phosphate as PO4	mg/l	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	0.15	<0.06
PAH											
Naphthalene	µg/L	-	2 ^{#9}	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene	µg/L	-	-	<0.005	0.006	0.019	0.015	0.014	0.006	0.037	0.018
Acenaphthylene	µg/L	-	-	<0.005	<0.005	0.061	0.009	0.049	0.006	0.053	0.021
Fluoranthene	µg/L	-	0.0063 ^{#9}	0.007	0.027	1.004	0.062	0.708	0.105	0.892	0.344
Anthracene	µg/L	-	0.1 ^{#9}	<0.005	0.007	0.149	0.018	0.099	0.019	0.262	0.052
Phenanthrene	µg/L	-	-	<0.005	0.02	0.449	0.049	0.24	0.046	0.388	0.149
Fluorene	µg/L	-	-	<0.005	0.007	0.044	0.013	0.033	0.009	0.07	0.021
Chrysene	µg/L	-	-	<0.005	0.022	0.575	0.041	0.53	0.084	0.639	0.261
Pyrene	µg/L	-	-	0.005	0.022	0.704	0.049	0.487	0.081	0.638	0.256
Benzo(a)anthracene	µg/L	-	-	<0.005	0.019	0.558	0.042	0.502	0.079	0.587	0.24
Benzo(b)fluoranthene	µg/L	0.025 ^{#8}	See BaP ^{#18}	<0.008	0.022	0.724	0.053	0.655	0.097	0.778	0.351
Benzo(k)fluoranthene	µg/L	0.025 ^{#8}	See BaP ^{#18}	<0.008	0.008	0.281	0.02	0.255	0.038	0.303	0.137
Benzo(b+k)fluoranthene	µg/L	-	-	<0.008	0.03	1.005	0.073	0.91	0.135	1.081	0.488
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#18}	<0.005	0.011	0.469	0.032	0.428	0.06	0.508	0.227
Dibenz(a,h)anthracene	µg/L	-	-	<0.005	<0.005	0.091	<0.005	0.089	0.011	0.097	0.05
Benzo(g,h,i)perylene	µg/L	0.025 ^{#8}	See BaP ^{#18}	<0.005	0.008	0.269	0.019	0.206	0.025	0.277	0.127
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#8}	See BaP ^{#18}	<0.005	0.009	0.343	0.021	0.244	0.03	0.324	0.159
PAH 16 Total	µg/L	-	-	<0.173	0.188	5.74	0.443	4.539	0.696	5.853	2.413
Other											
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#16}	8.04	6.94	6.93	4.35	6.56	6.79	7.29	6.9

Refractory Brick Leachate



Matrix Description				Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code				FOU-SP803-S10	FOU-SP803-S11	FOU-SP803-S12	FOU-SP803-S13	FOU-SP803-S14	FOU-SP803-S15	FOU-SP803-S16	FOU-SP804-S1
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				24-2765-1-110424	24-2765-1-110424	24-2765-1-110424	24-2765-1-110424	24-2765-1-110424	24-2765-1-110424	24-2765-1-110424	24-2875-1-180424
Date				15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	15 Feb 2023	19 Feb 2024
Depth											
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	498	410	525	291	420	78	58,357	552
Antimony (filtered)	µg/L	5 ^{#1}	-	<2	<2	<2	<2	<2	<2	<2	<2
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#9}	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Barium (filtered)	µg/L	1,300 ^{#2}	-	40	<3	59	<3	10	16	50	14
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#10}	<12	<12	<12	<12	<12	<12	<12	29
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#11}	<0.5	<0.5	<0.5	<0.5	<0.5	1	0.8	<0.5
Calcium (filtered)	mg/L	-	-	10.9	10.6	7.7	6.8	11.1	468.6	25	18.8
Chromium (hexavalent)	µg/L	-	0.6 ^{#11}	<6	92	30	6	9	<6	<6	<6
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#11}	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	35.3	2.3
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#12}	<7	<7	<7	<7	<7	<7	101	<7
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#9}	64	30	<20	41	55	<20	183	<20
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#11}	<5	<5	<5	<5	<5	426	17	<5
Magnesium (filtered)	mg/L	-	-	0.2	0.2	0.1	0.3	0.3	1.4	1.7	0.3
Manganese (filtered)	µg/L	50 ^{#1}	-	<2	<2	<2	<2	6	99	209	<2
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#13}	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Molybdenum (filtered)	µg/L	70 ^{#3}	-	<2	<2	<2	<2	<2	<2	<2	<2
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#11}	<2	<2	<2	<2	<2	5	20	<2
Selenium (filtered)	µg/L	10 ^{#1}	-	<3	<3	<3	<3	<3	<3	<3	<3
Silicon (filtered)	µg/L	-	-	1,284	1,214	775	1,921	1,144	831	485	6,498
Vanadium (filtered)	µg/L	-	100 ^{#14}	6.7	5.2	11	6.5	9.2	<1.5	<1.5	79.3
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#15}	3	<3	<3	3	<3	130	58	<3
Inorganics											
Ammoniacal Nitrogen as N	mg/L	-	0.02 ^{#9}	<0.03	<0.03	<0.03	<0.03	<0.03	0.65	7.77	<0.03
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#9}	<1	<1	<1	<1	<1	<1	<1	<1
Cyanide Total	µg/L	50 ^{#1}	1 ^{#9}	3	<1	<1	<1	1	<1	1	<1
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#9}	3	<1	<1	<1	1	<1	1	<1
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	<0.2	<0.2	0.3	1	0.4	12.9	8.5	0.7
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Sulphate	mg/L	250 (SO4) ^{#7}	-	13.8	11	8.2	2.5	12.5	1,017.9	443.6	16.2
Sulphide	µg/L	-	10 (MAC) ^{#17}	<10	<10	<10	<10	<10	<10	<10	<10
Thiocyanate (as SCN)	µg/L	-	-	<20	<20	<20	<20	<20	<20	<20	<20
Ortho phosphate as PO4	mg/l	-	-	<0.06	0.11	<0.06	0.07	<0.06	<0.06	<0.06	<0.06
PAH											
Naphthalene	µg/L	-	2 ^{#9}	<0.1	0.2	<0.1	<0.1	<0.3	<0.1	<0.3	<0.1
Acenaphthene	µg/L	-	-	0.018	0.146	0.019	0.037	0.121	0.039	0.035	0.008
Acenaphthylene	µg/L	-	-	0.054	0.073	0.017	0.03	0.273	0.014	0.033	0.005
Fluoranthene	µg/L	-	0.0063 ^{#9}	1.408	1.36	0.278	0.392	2.894	0.06	0.425	0.021
Anthracene	µg/L	-	0.1 ^{#9}	0.228	0.266	0.044	0.082	0.496	0.016	0.068	0.006
Phenanthrene	µg/L	-	-	0.677	0.667	0.123	0.203	1.421	0.06	0.224	0.02
Fluorene	µg/L	-	-	0.071	0.131	0.025	0.054	0.215	0.027	0.039	0.009
Chrysene	µg/L	-	-	0.674	0.9	0.193	0.221	2.537	0.064	0.284	0.014
Pyrene	µg/L	-	-	0.928	0.977	0.21	0.28	2.175	0.043	0.302	0.017
Benzo(a)anthracene	µg/L	-	-	0.659	0.849	0.176	0.206	2.206	0.066	0.257	0.018
Benzo(b)fluoranthene	µg/L	0.025 ^{#8}	See BaP ^{#18}	0.772	1.014	0.232	0.269	3.566	0.078	0.382	0.016
Benzo(k)fluoranthene	µg/L	0.025 ^{#8}	See BaP ^{#18}	0.3	0.394	0.09	0.104	1.387	0.03	0.148	<0.008
Benzo(b+k)fluoranthene	µg/L	-	-	1.072	1.408	0.322	0.373	4.953	0.108	0.53	0.022
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#18}	0.485	0.693	0.154	0.17	2.114	0.057	0.206	0.009
Dibenz(a,h)anthracene	µg/L	-	-	0.091	0.117	0.029	0.033	0.473	<0.005	0.05	<0.005
Benzo(g,h,i)perylene	µg/L	0.025 ^{#8}	See BaP ^{#18}	0.248	0.323	0.083	0.101	1.194	0.032	0.134	0.008
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#8}	See BaP ^{#18}	0.308	0.39	0.098	0.11	1.507	0.035	0.163	0.008
PAH 16 Total	µg/L	-	-	6.921	8.5	1.771	2.292	22.579	0.621	2.75	<0.173
Other											
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#16}	7.33	7.39	7.37	7.39	8.21	5.83	4.26	10.01

Refractory Brick Leachate



Matrix Description				Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code				FOU-SP805-S2	FOU-SP805-S5	FOU-SP805-S10	FOU-SP805-S13	FOU-SP805-S19	FOU-SP806-S2	FOU-SP806-S12	FOU-SP806-S13
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				24-2875-1-180424	24-2875-1-180424	24-3246-1-180424	24-3246-1-180424	24-3562-1-170424	24-3246-1-180424	24-3562-1-170424	24-3562-1-170424
Date				19 Feb 2024	19 Feb 2024	20 Feb 2024	20 Feb 2024	28 Feb 2024	20 Feb 2024	27 Feb 2024	27 Feb 2024
Depth											
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	30	2,696	769	34	1,154	1,239	141	31
Antimony (filtered)	µg/L	5 ^{#1}	-	<2	<2	<2	<2	<2	<2	<2	<2
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#9}	<2.5	<2.5	<2.5	<2.5	<2.5	8.9	<2.5	<2.5
Barium (filtered)	µg/L	1,300 ^{#2}	-	9	31	13	6	10	35	<3	6
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#10}	13	<12	<12	<12	<12	35	<12	<12
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#11}	<0.5	32.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Calcium (filtered)	mg/L	-	-	10	16.1	8.8	8.7	13.8	13.2	9.9	4
Chromium (hexavalent)	µg/L	-	0.6 ^{#11}	<6	<6	<6	<6	<6	<6	<6	<6
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#11}	<1.5	2.6	10.8	<1.5	<1.5	<1.5	<1.5	<1.5
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#12}	<7	13	<7	<7	<7	<7	<7	<7
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#9}	<20	439	551	<20	<20	38	<20	<20
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#11}	<5	<5	<5	<5	<5	<5	<5	<5
Magnesium (filtered)	mg/L	-	-	6	6.4	0.2	0.1	0.7	0.2	<0.1	0.2
Manganese (filtered)	µg/L	50 ^{#1}	-	154	490	15	3	<2	<2	<2	<2
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#13}	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Molybdenum (filtered)	µg/L	70 ^{#3}	-	4	<2	<2	<2	<2	<2	<2	<2
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#11}	<2	45	<2	<2	<2	<2	<2	<2
Selenium (filtered)	µg/L	10 ^{#1}	-	<3	<3	<3	<3	<3	<3	<3	<3
Silicon (filtered)	µg/L	-	-	651	886	34,722	838	1,397	3,376	3,306	6,811
Vanadium (filtered)	µg/L	-	100 ^{#14}	16.1	25.5	4.8	5.9	15.7	13.8	3.2	3.8
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#15}	12	1,465	8	3	<3	3	<3	<3
Inorganics											
Ammoniacal Nitrogen as N	mg/L	-	0.02 ^{#9}	15.5	2.74	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#9}	<1	<1	<1	<1	<1	<1	<1	<1
Cyanide Total	µg/L	50 ^{#1}	1 ^{#9}	<1	<1	<1	<1	<1	<1	<1	<1
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#9}	<1	<1	<1	<1	<1	<1	<1	<1
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	10.5	4.7	0.2	0.3	4.9	3.5	<0.2	<0.2
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Sulphate	mg/L	250 (SO4) ^{#7}	-	136.4	103.6	7.6	20.2	29.5	6.5	14.6	4.5
Sulphide	µg/L	-	10 (MAC) ^{#17}	<10	<10	<10	<10	<10	<10	<10	<10
Thiocyanate (as SCN)	µg/L	-	-	80	<20	20	<20	<20	<20	<20	<20
Ortho phosphate as PO4	mg/l	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
PAH											
Naphthalene	µg/L	-	2 ^{#9}	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1
Acenaphthene	µg/L	-	-	0.134	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthylene	µg/L	-	-	0.12	<0.005	0.005	<0.005	<0.005	<0.005	<0.005	0.008
Fluoranthene	µg/L	-	0.0063 ^{#9}	0.026	0.005	0.03	0.01	0.028	<0.005	0.056	0.101
Anthracene	µg/L	-	0.1 ^{#9}	0.023	<0.005	0.007	<0.005	0.009	<0.005	0.014	0.017
Phenanthrene	µg/L	-	-	0.281	0.009	0.026	0.009	0.028	<0.005	0.075	0.066
Fluorene	µg/L	-	-	0.278	<0.005	0.007	<0.005	0.006	<0.005	0.017	0.011
Chrysene	µg/L	-	-	0.01	<0.005	0.021	<0.005	0.014	<0.005	0.036	0.071
Pyrene	µg/L	-	-	0.017	0.005	0.023	0.009	0.02	<0.005	0.045	0.073
Benzo(a)anthracene	µg/L	-	-	0.013	<0.005	0.024	<0.005	0.015	<0.005	0.033	0.062
Benzo(b)fluoranthene	µg/L	0.025 ^{#8}	See BaP ^{#18}	0.009	<0.008	0.022	<0.008	0.014	<0.008	0.039	0.081
Benzo(k)fluoranthene	µg/L	0.025 ^{#8}	See BaP ^{#18}	<0.008	<0.008	0.008	<0.008	<0.008	<0.008	0.015	0.031
Benzo(b+k)fluoranthene	µg/L	-	-	0.012	<0.008	0.03	0.01	0.02	<0.008	0.054	0.112
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#18}	<0.005	<0.005	0.013	<0.005	0.007	<0.005	0.02	0.043
Dibenz(a,h)anthracene	µg/L	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.012
Benzo(g,h,i)perylene	µg/L	0.025 ^{#8}	See BaP ^{#18}	<0.005	<0.005	0.01	<0.005	0.006	<0.005	0.015	0.031
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#8}	See BaP ^{#18}	<0.005	<0.005	0.011	<0.005	0.006	<0.005	0.016	0.034
PAH 16 Total	µg/L	-	-	0.914	<0.173	0.207	<0.173	<0.173	0.2	0.381	0.641
Other											
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#16}	7.08	4.95	8.16	8.02	7.33	9.37	7.73	6.9

Refractory Brick Leachate



Matrix Description				Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code				FOU-SP806-S16	FOU-SP806-S17	FOU-SP806-S18	FOU-SP806-S23	FOU-SP806-S24	FOU-SP807-S1	FOU-SP807-S18	FOU-SP807-S19
Matrix Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number				24-3562-1-170424	24-3562-1-170424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424
Date				27 Feb 2024	27 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024
Depth											
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS								
Metals											
Aluminium (filtered)	µg/L	200 ^{#1}	-	145	46	29	31	32	---	79	10,751
Antimony (filtered)	µg/L	5 ^{#1}	-	<2	<2	<2	<2	<2	<2	<2	<2
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#9}	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Barium (filtered)	µg/L	1,300 ^{#2}	-	<3	<3	4	6	90	3	95	26
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#10}	<12	<12	<12	<12	<12	<12	<12	15
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#11}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.1
Calcium (filtered)	mg/L	-	-	3.4	14.4	8.4	15.8	10.1	7.7	10.7	23.9
Chromium (hexavalent)	µg/L	-	0.6 ^{#11}	<6	<6	<6	<6	<6	<6	<6	<6
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#11}	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	1.8
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#12}	<7	<7	<7	<7	<7	<7	<7	204
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#9}	<20	<20	29	<20	46	43	<20	256
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#11}	<5	<5	<5	<5	<5	<5	<5	<5
Magnesium (filtered)	mg/L	-	-	0.2	0.1	1	0.1	2.4	0.2	0.3	3.6
Manganese (filtered)	µg/L	50 ^{#1}	-	3	<2	<2	<2	23	<2	21	225
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#13}	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Molybdenum (filtered)	µg/L	70 ^{#3}	-	<2	<2	<2	<2	<2	4	5	<2
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#11}	<2	<2	<2	<2	3	<2	<2	17
Selenium (filtered)	µg/L	10 ^{#1}	-	<3	<3	<3	<3	<3	<3	<3	<3
Silicon (filtered)	µg/L	-	-	1,012	4,431	7,532	5,981	906	1,303	806	1,521
Vanadium (filtered)	µg/L	-	100 ^{#14}	4.1	<1.5	2.3	5	<1.5	6.6	1.6	<1.5
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#15}	<3	9	<3	5	11	<3	<3	530
Inorganics											
Ammoniacal Nitrogen as N	mg/L	-	0.02 ^{#9}	<0.03	0.05	<0.03	<0.03	0.09	<0.03	<0.03	0.24
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#9}	<1	<1	<1	<1	<1	<1	<1	<1
Cyanide Total	µg/L	50 ^{#1}	1 ^{#9}	<1	<1	<1	<1	2	6	<1	<1
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#9}	<1	<1	<1	<1	2	6	<1	<1
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	<0.2	0.4	4.7	<0.2	11.8	<0.2	<0.2	1.3
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Sulphate	mg/L	250 (SO4) ^{#7}	-	7.6	29.4	18.1	20.8	37.3	3.8	25.4	217.6
Sulphide	µg/L	-	10 (MAC) ^{#17}	<10	<10	<10	<10	<10	<10	<10	<10
Thiocyanate (as SCN)	µg/L	-	-	<20	<20	<20	<20	<20	<20	<20	<20
Ortho phosphate as PO4	mg/l	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	0.1	<0.06	<0.06
PAH											
Naphthalene	µg/L	-	2 ^{#9}	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene	µg/L	-	-	<0.005	<0.005	0.008	0.005	0.007	0.061	<0.005	<0.005
Acenaphthylene	µg/L	-	-	<0.005	0.006	0.008	0.006	<0.005	0.014	<0.005	<0.005
Fluoranthene	µg/L	-	0.0063 ^{#9}	0.016	0.069	0.135	0.098	0.019	0.071	<0.005	<0.005
Anthracene	µg/L	-	0.1 ^{#9}	<0.005	0.011	0.022	0.012	0.006	0.025	<0.005	<0.005
Phenanthrene	µg/L	-	-	0.013	0.034	0.103	0.045	0.045	0.078	<0.005	<0.005
Fluorene	µg/L	-	-	<0.005	<0.005	0.013	0.007	0.012	0.039	<0.005	<0.005
Chrysene	µg/L	-	-	0.008	0.042	0.077	0.051	0.008	0.052	<0.005	<0.005
Pyrene	µg/L	-	-	0.013	0.05	0.096	0.067	0.017	0.053	<0.005	<0.005
Benzo(a)anthracene	µg/L	-	-	0.011	0.043	0.069	0.059	0.014	0.041	<0.005	<0.005
Benzo(b)fluoranthene	µg/L	0.025 ^{#8}	See BaP ^{#18}	0.01	0.062	0.094	0.059	<0.008	0.073	<0.008	<0.008
Benzo(k)fluoranthene	µg/L	0.025 ^{#8}	See BaP ^{#18}	<0.008	0.024	0.036	0.023	<0.008	0.029	<0.008	<0.008
Benzo(b+k)fluoranthene	µg/L	-	-	0.014	0.086	0.13	0.082	0.011	0.102	<0.008	<0.008
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#18}	0.005	0.034	0.046	0.031	<0.005	0.05	<0.005	<0.005
Dibenz(a,h)anthracene	µg/L	-	-	<0.005	0.008	0.012	0.007	<0.005	0.01	<0.005	<0.005
Benzo(g,h,i)perylene	µg/L	0.025 ^{#8}	See BaP ^{#18}	<0.005	0.028	0.037	0.022	<0.005	0.098	<0.005	<0.005
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#8}	See BaP ^{#18}	<0.005	0.028	0.043	0.025	<0.005	0.044	<0.005	<0.005
PAH 16 Total	µg/L	-	-	<0.173	0.439	0.799	0.517	<0.173	0.738	<0.173	<0.173
Other											
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#16}	6.64	6.61	8.36	8.56	7.19	7.82	6.73	4.55

Refractory Brick Leachate



Matrix Description				Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick	Refractory Brick
Location Code				FOU-SP807-S22	FOU-SP807-S29	FOU-SP807-S34	FOU-SP807-S37	FOU-SP807-S39
Matrix Type				Soil	Soil	Soil	Soil	Soil
Lab Report Number				24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424	24-3806-1-190424
Date				29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024	29 Feb 2024
Depth								
	Unit	UK Drinking Water Standards	UK Estuaries and coastal waters EQS					
Metals								
Aluminium (filtered)	µg/L	200 ^{#1}	-	46	59	8,053	335	1,014
Antimony (filtered)	µg/L	5 ^{#1}	-	<2	<2	<2	<2	<2
Arsenic (filtered)	µg/L	10 ^{#1}	25 ^{#9}	<2.5	<2.5	<2.5	<2.5	<2.5
Barium (filtered)	µg/L	1,300 ^{#2}	-	37	87	33	105	18
Boron (filtered)	µg/L	1,000 ^{#1}	7,000 ^{#10}	<12	<12	<12	<12	42
Cadmium (filtered)	µg/L	5 ^{#1}	0.2 ^{#11}	<0.5	<0.5	21.4	<0.5	<0.5
Calcium (filtered)	mg/L	-	-	22.7	117.5	7.4	23.9	41.1
Chromium (hexavalent)	µg/L	-	0.6 ^{#11}	<6	<6	<6	<6	<6
Chromium (filtered)	µg/L	50 ^{#1}	0.6 ^{#11}	<1.5	<1.5	6	<1.5	<1.5
Copper (filtered)	µg/L	2,000 ^{#1}	3.76 ^{#12}	<7	<7	169	<7	<7
Iron (filtered)	µg/L	200 ^{#1}	1,000 ^{#9}	<20	<20	2,209	<20	<20
Lead (filtered)	µg/L	10 ^{#1}	1.3 ^{#11}	<5	<5	<5	<5	<5
Magnesium (filtered)	mg/L	-	-	0.3	15.6	9.4	1.7	10.2
Manganese (filtered)	µg/L	50 ^{#1}	-	<2	190	283	3	3
Mercury (filtered)	µg/L	1 ^{#1}	0.07 (MAC) ^{#13}	<0.01	<0.01	<0.01	<0.01	<0.01
Molybdenum (filtered)	µg/L	70 ^{#3}	-	<2	<2	<2	5	110
Nickel (filtered)	µg/L	20 ^{#1}	8.6 ^{#11}	<2	6	84	<2	<2
Selenium (filtered)	µg/L	10 ^{#1}	-	<3	<3	3	<3	18
Silicon (filtered)	µg/L	-	-	6,511	689	1,266	619	626
Vanadium (filtered)	µg/L	-	100 ^{#14}	13.8	99.6	8.8	11	14.2
Zinc (filtered)	µg/L	3,000 ^{#4}	7.9 ^{#15}	<3	<3	323	<3	<3
Inorganics								
Ammoniacal Nitrogen as N	mg/L	-	0.02 ^{#9}	<0.03	<0.03	0.09	<0.03	<0.03
Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#9}	<1	<1	<1	<1	<1
Cyanide Total	µg/L	50 ^{#1}	1 ^{#9}	<1	<1	<1	3	26
Cyanide (Complex)	µg/L	50 ^{#1}	1 ^{#9}	<1	<1	<1	3	26
Nitrate (as NO3-)	mg/L	50 (NO3) ^{#5}	-	<0.2	<0.2	<0.2	26.9	230.8
Nitrite (as NO2-)	mg/L	0.5 (NO2) ^{#6}	-	<0.02	<0.02	<0.02	<0.02	<0.02
Sulphate	mg/L	250 (SO4) ^{#7}	-	48.2	348	223.3	61.5	168.5
Sulphide	µg/L	-	10 (MAC) ^{#17}	<10	<10	<10	<10	<10
Thiocyanate (as SCN)	µg/L	-	-	<20	<20	<20	<20	<20
Ortho phosphate as PO4	mg/l	-	-	0.08	<0.06	0.1	<0.06	0.06
PAH								
Naphthalene	µg/L	-	2 ^{#9}	0.1	<0.1	<0.1	0.1	<0.1
Acenaphthene	µg/L	-	-	0.006	0.005	<0.005	<0.005	<0.005
Acenaphthylene	µg/L	-	-	<0.005	<0.005	<0.005	<0.005	<0.005
Fluoranthene	µg/L	-	0.0063 ^{#9}	0.005	0.009	<0.005	0.007	0.006
Anthracene	µg/L	-	0.1 ^{#9}	<0.005	<0.005	<0.005	<0.005	0.006
Phenanthrene	µg/L	-	-	0.018	0.02	<0.005	<0.005	0.01
Fluorene	µg/L	-	-	0.005	<0.005	<0.005	0.005	<0.005
Chrysene	µg/L	-	-	<0.005	<0.005	<0.005	<0.005	<0.005
Pyrene	µg/L	-	-	<0.005	0.007	<0.005	0.006	0.006
Benzo(a)anthracene	µg/L	-	-	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(b)fluoranthene	µg/L	0.025 ^{#8}	See BaP ^{#18}	<0.008	<0.008	<0.008	<0.008	<0.008
Benzo(k)fluoranthene	µg/L	0.025 ^{#8}	See BaP ^{#18}	<0.008	<0.008	<0.008	<0.008	<0.008
Benzo(b+k)fluoranthene	µg/L	-	-	<0.008	<0.008	<0.008	0.008	<0.008
Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#18}	<0.005	<0.005	<0.005	<0.005	<0.005
Dibenz(a,h)anthracene	µg/L	-	-	<0.005	<0.005	<0.005	<0.005	<0.005
Benzo(g,h,i)perylene	µg/L	0.025 ^{#8}	See BaP ^{#18}	<0.005	<0.005	<0.005	<0.005	<0.005
Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#8}	See BaP ^{#18}	<0.005	<0.005	<0.005	<0.005	<0.005
PAH 16 Total	µg/L	-	-	<0.173	<0.173	<0.173	<0.173	<0.173
Other								
pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5 (MAC) ^{#16}	8.01	6.5	4.67	7.41	8.06

Comments

- #1 Water Supply (Water Quality) Regulations 2016.
- #2 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011
- #3 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Informal value.
- #4 Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Based on taste rather than a formal guideline.
- #5 Water Supply (Water Quality) Regulations 2016. As NO3.
- #6 Water Supply (Water Quality) Regulations 2016. As NO2.
- #7 Water Supply (Water Quality) Regulations 2016. As SO4.
- #8 Water Supply (Water Quality) Regulations 2016. Value of 0.1µg/l for PAH split between four individual PAH. Requires summation of benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghiperylene and indeno(123cd)pyrene to use 0.1µg/l value.
- #9 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015.
- #10 Operational Targets and EQS. EA, April 2018
- #11 Water Framework Directive (Standards & Classification) Directions (England & Wales) 2015. Dissolved fraction.
- #12 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Dissolved Fraction. If DOC >1mg/l then a higher criteria applies $[3.76+(2.677x((DOC/2)-0.5))]$
- #13 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Dissolved Fraction. MAC adopted in absence of AA value.
- #14 Operational Targets and EQS. EA, April 2018.
- #15 Operational Targets and EQS. EA, April 2018. Dissolved plus ambient background concentration. For saltwater, an Ambient Background Concentration of 1.1 µg/l has been used
- #16 Operational Targets and EQS. EA, April 2018. Maximum Allowable Concentration (MAC) adopted in absence of Annual Average (AA) value.
- #17 Operational Targets and EQS. EA, April 2018. Based on value for hydrogen sulphide. MAC adopted in absence of AA value.
- #18 Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Benzo(a)pyrene can be considered as a marker for other PAH for comparison with the corresponding AA-EQS in water.

Appendix M

Mudstone Data

Matrix Description		Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone
Location Code		RBT040722	RBT040722A	RBT120722	RBT120722A	RBT180722	RBT180722A	RBT300622	RBT300622A	ST010222	ST010222A
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		22-13045	22-13044	22-13436	22-13434	22-13994	22-14161	22-13046	22-13042	22-02572	22-02568
Date		04 Jul 2022	04 Jul 2022	12 Jul 2022	12 Jul 2022	18 Jul 2022	18 Jul 2022	30 Jun 2022	30 Jun 2022	01 Feb 2022	01 Feb 2022
Depth											
	Unit										
Metals											
Arsenic	mg/kg	---	13	---	15	---	12	---	11	---	37
Cadmium	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---	0.2
Chromium (hexavalent)	mg/kg	---	<1	---	<1	---	<1	---	<1	---	<1
Chromium	mg/kg	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	24	---	12	---	28	---	22	---	36
Lead	mg/kg	---	12	---	14	---	17	---	8.8	---	40
Mercury	mg/kg	---	<0.05	---	<0.05	---	<0.05	---	<0.05	---	0.08
Nickel	mg/kg	---	29	---	29	---	33	---	27	---	49
Selenium	mg/kg	---	<0.5	---	<0.5	---	<0.5	---	<0.5	---	1.4
Zinc	mg/kg	---	47	---	42	---	54	---	35	---	78
Inorganics											
Sulphate (Acid Soluble)	%	---	---	---	---	---	---	---	---	---	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Naphthalene	mg/kg	---	<0.1	---	0.1	---	<0.1	---	<0.1	---	1.1
Acenaphthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Acenaphthylene	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Anthracene	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluorene	mg/kg	---	---	---	---	---	---	---	---	---	---
Chrysene	mg/kg	---	---	---	---	---	---	---	---	---	---
Pyrene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(a)anthracene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1
Dibenz(a,h)anthracene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH 16 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Other											
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Moisture	%	7.7	---	5.1	---	22	---	5.2	---	3	---
pH (Lab)	pH_Units	---	9.1	---	7.6	---	9.1	---	9.1	---	9.5

Matrix Description		Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone
Location Code		ST010621A	ST020221	ST020221A	ST020223	ST020321A	ST021121A	ST040723	ST040723A	ST040921A	ST041021
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		21-11692	21-02267	21-02266	23-03295	21-04546	21-23569	23-16113	23-16118	21-21331	21-21341
Date		01 Jun 2021	02 Feb 2021	02 Feb 2021	02 Feb 2023	02 Mar 2021	02 Nov 2021	04 Jul 2023	04 Jul 2023	04 Oct 2021	04 Oct 2021
Depth											
	Unit										
Metals											
Arsenic	mg/kg	15	---	18	---	7.6	29	---	11	25	---
Cadmium	mg/kg	<0.1	---	<0.1	---	1.6	0.4	---	<0.1	0.2	---
Chromium (hexavalent)	mg/kg	<1	---	<1	---	<1	<1	---	<1	<1	---
Chromium	mg/kg	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	36	---	22	---	650	29	---	18	32	---
Lead	mg/kg	21	---	15	---	220	40	---	8.5	29	---
Mercury	mg/kg	<0.1	---	<0.05	---	<0.1	0.05	---	<0.05	0.07	---
Nickel	mg/kg	53	---	32	---	31	35	---	27	42	---
Selenium	mg/kg	<0.5	---	<0.5	---	<0.5	1.4	---	<0.5	0.5	---
Zinc	mg/kg	120	---	71	---	1,400	120	---	38	64	---
Inorganics											
Sulphate (Acid Soluble)	%	---	---	---	---	---	---	---	---	---	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Naphthalene	mg/kg	<0.1	---	<0.1	---	0.2	0.1	---	<0.1	<0.1	---
Acenaphthene	mg/kg	<0.1	---	---	---	0.1	---	---	---	---	---
Acenaphthylene	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Fluoranthene	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Anthracene	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Phenanthrene	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Fluorene	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Chrysene	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Pyrene	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Benzo(a)anthracene	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Benzo(b)fluoranthene	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Benzo(k)fluoranthene	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Benzo(a)pyrene	mg/kg	<0.1	---	<0.1	---	<0.1	<0.1	---	<0.1	<0.1	---
Dibenz(a,h)anthracene	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.1	---	---	---	<0.1	---	---	---	---	---
PAH 16 Total	mg/kg	<1.6	---	---	---	<1.6	---	---	---	---	---
Other											
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Moisture	%	---	6.3	---	3.4	---	---	6.3	---	---	2.1
pH (Lab)	pH_Units	9.8	---	9.6	---	9.2	9.1	---	9.7	9.3	---

Matrix Description		Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone
Location Code		ST060323	ST060323A	ST060721	ST060721A	ST060922	ST060922A	ST061022	ST061022A	ST061221A	ST061222A
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-06373	23-06338	21-14312	21-14310	22-22786	22-17879	22-20549	22-20562	21-26169	22-25410
Date		06 Mar 2023	06 Mar 2023	06 Jul 2021	06 Jul 2021	06 Sep 2022	06 Sep 2022	06 Oct 2022	06 Oct 2022	06 Dec 2021	06 Dec 2022
Depth											
	Unit										
Metals											
Arsenic	mg/kg	---	1.2	---	18	---	12	---	15	33	9.7
Cadmium	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	<0.1	<0.1
Chromium (hexavalent)	mg/kg	---	<1	---	<1	---	<1	---	<1	<1	<1
Chromium	mg/kg	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	14	---	34	---	28	---	28	31	42
Lead	mg/kg	---	7.1	---	17	---	17	---	13	23	19
Mercury	mg/kg	---	<0.05	---	<0.05	---	<0.05	---	<0.05	0.06	<0.05
Nickel	mg/kg	---	8.6	---	56	---	32	---	30	41	23
Selenium	mg/kg	---	<0.5	---	<0.5	---	<0.5	---	<0.5	<0.5	<0.5
Zinc	mg/kg	---	30	---	97	---	55	---	58	67	45
Inorganics											
Sulphate (Acid Soluble)	%	---	---	---	---	---	---	---	---	---	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Naphthalene	mg/kg	---	0.1	---	<0.1	---	<0.1	---	0.1	0.2	<0.1
Acenaphthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Acenaphthylene	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Anthracene	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluorene	mg/kg	---	---	---	---	---	---	---	---	---	---
Chrysene	mg/kg	---	---	---	---	---	---	---	---	---	---
Pyrene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(a)anthracene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	---	<0.1	---	<0.1	---	<0.1	---	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH 16 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Other											
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Moisture	%	3.7	---	5.5	---	3.1	---	3.9	---	---	---
pH (Lab)	pH_Units	---	9.2	---	9.5	---	9.6	---	9.7	9.4	9.6

Matrix Description		Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone
Location Code		ST070921	ST070921A	ST080222	ST080222A	ST080223	ST080223A	ST080223A	ST080621A	ST081122
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		21-19165	21-19164	22-02575	22-02570	23-03298	23-03301	23-03301	21-12306	22-23635
Date		07 Sep 2021	07 Sep 2021	08 Feb 2022	08 Feb 2022	08 Feb 2023	08 Feb 2023	08 Feb 2023	08 Jun 2021	08 Nov 2022
Depth										
	Unit									
Metals										
Arsenic	mg/kg	---	19	---	32	---	8.1	11	14	---
Cadmium	mg/kg	---	6.1	---	0.2	---	<0.1	<0.1	<0.1	---
Chromium (hexavalent)	mg/kg	---	<1	---	<1	---	<1	<1	<1	---
Chromium	mg/kg	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	27	---	51	---	20	17	30	---
Lead	mg/kg	---	17	---	19	---	9.7	15	17	---
Mercury	mg/kg	---	0.06	---	<0.05	---	0.33	0.42	<0.1	---
Nickel	mg/kg	---	38	---	61	---	27	29	44	---
Selenium	mg/kg	---	<0.5	---	<0.5	---	0.5	<0.5	<0.5	---
Zinc	mg/kg	---	610	---	77	---	37	54	89	---
Inorganics										
Sulphate (Acid Soluble)	%	---	---	---	---	---	---	---	---	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	---	---	---	---	---	---	---	---
PAH										
Naphthalene	mg/kg	---	<0.1	---	<0.1	---	<0.1	<0.1	0.4	---
Acenaphthene	mg/kg	---	---	---	---	---	---	---	0.4	---
Acenaphthylene	mg/kg	---	---	---	---	---	---	---	<0.1	---
Fluoranthene	mg/kg	---	---	---	---	---	---	---	<0.1	---
Anthracene	mg/kg	---	---	---	---	---	---	---	<0.1	---
Phenanthrene	mg/kg	---	---	---	---	---	---	---	<0.1	---
Fluorene	mg/kg	---	---	---	---	---	---	---	0.2	---
Chrysene	mg/kg	---	---	---	---	---	---	---	<0.1	---
Pyrene	mg/kg	---	---	---	---	---	---	---	<0.1	---
Benzo(a)anthracene	mg/kg	---	---	---	---	---	---	---	<0.1	---
Benzo(b)fluoranthene	mg/kg	---	---	---	---	---	---	---	<0.1	---
Benzo(k)fluoranthene	mg/kg	---	---	---	---	---	---	---	<0.1	---
Benzo(a)pyrene	mg/kg	---	<0.1	---	<0.1	---	<0.1	<0.1	<0.1	---
Dibenz(a,h)anthracene	mg/kg	---	---	---	---	---	---	---	<0.1	---
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	---	---	<0.1	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	---	---	---	---	<0.1	---
PAH 16 Total	mg/kg	---	---	---	---	---	---	---	<1.6	---
Other										
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---
Moisture	%	3.2	---	3.1	---	9.5	---	---	---	5.4
pH (Lab)	pH_Units	---	9.4	---	7.2	---	9.9	9.9	9.7	---

Matrix Description		Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone
Location Code		ST081122A	ST090221	ST090221A	ST100122	ST100122A	ST100723	ST100723A	ST110423A	ST110521A	ST111022
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		22-23637	21-03105	21-03104	22-00676	22-00663	23-16766	23-16765	23-09462	21-10085	22-20554
Date		08 Nov 2022	09 Feb 2021	09 Feb 2021	10 Jan 2021	10 Jan 2022	10 Jul 2023	10 Jul 2023	11 Apr 2023	11 May 2021	11 Oct 2022
Depth											
	Unit										
Metals											
Arsenic	mg/kg	10	---	36	---	31	---	11	14	31	---
Cadmium	mg/kg	<0.1	---	0.2	---	<0.1	---	0.2	<0.1	<0.1	---
Chromium (hexavalent)	mg/kg	<1	---	<1	---	<1	---	<1	<1	<1	---
Chromium	mg/kg	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	27	---	35	---	31	---	230	21	29	---
Lead	mg/kg	16	---	23	---	22	---	160	110	17	---
Mercury	mg/kg	<0.05	---	0.07	---	<0.1	---	0.15	<0.05	<0.1	---
Nickel	mg/kg	32	---	50	---	46	---	13	29	37	---
Selenium	mg/kg	0.8	---	0.9	---	0.8	---	<0.5	<0.5	<0.5	---
Zinc	mg/kg	47	---	92	---	180	---	140	58	68	---
Inorganics											
Sulphate (Acid Soluble)	%	---	---	---	---	---	---	---	---	---	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Naphthalene	mg/kg	0.1	---	<0.1	---	0.1	---	1.4	0.1	<0.1	---
Acenaphthene	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Acenaphthylene	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Fluoranthene	mg/kg	---	---	---	---	0.2	---	---	---	<0.1	---
Anthracene	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Phenanthrene	mg/kg	---	---	---	---	0.3	---	---	---	<0.1	---
Fluorene	mg/kg	---	---	---	---	0.5	---	---	---	<0.1	---
Chrysene	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Pyrene	mg/kg	---	---	---	---	0.1	---	---	---	<0.1	---
Benzo(a)anthracene	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Benzo(b)fluoranthene	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Benzo(k)fluoranthene	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Benzo(a)pyrene	mg/kg	<0.1	---	<0.1	---	<0.1	---	2.2	<0.1	<0.1	---
Dibenz(a,h)anthracene	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	---	<0.1	---	---	---	<0.1	---
PAH 16 Total	mg/kg	---	---	---	---	<1.6	---	---	---	<1.6	---
Other											
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Moisture	%	---	4.2	---	3.2	---	5.3	---	---	---	5
pH (Lab)	pH_Units	9.5	---	9.7	---	9.5	---	9.6	9.2	10.7	---

Matrix Description		Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone
Location Code		ST111022A	ST120121	ST120121A	ST120821	ST120821A	ST121021A	ST130921A	ST130922	ST130922A
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		22-20556	21-00740	21-00743	21-18188	21-18178	21-21914	21-19715	22-18331	22-18327
Date		11 Oct 2022	12 Jan 2021	12 Jan 2021	12 Aug 2021	12 Aug 2021	12 Oct 2021	13 Sep 2021	13 Sep 2022	13 Sep 2022
Depth										
	Unit									
Metals										
Arsenic	mg/kg	13	---	15	---	16	16	24	---	15
Cadmium	mg/kg	<0.1	---	<0.1	---	<0.1	<0.1	<0.1	---	<0.1
Chromium (hexavalent)	mg/kg	<1	---	<1	---	<1	<1	<1	---	<1
Chromium	mg/kg	---	---	---	---	---	---	---	---	---
Copper	mg/kg	25	---	22	---	30	25	40	---	28
Lead	mg/kg	10	---	12	---	19	13	29	---	14
Mercury	mg/kg	<0.05	---	<0.05	---	0.06	<0.05	<0.05	---	0.05
Nickel	mg/kg	35	---	36	---	46	36	43	---	29
Selenium	mg/kg	<0.5	---	<0.5	---	<0.5	<0.5	<0.5	---	<0.5
Zinc	mg/kg	42	---	48	---	95	64	120	---	61
Inorganics										
Sulphate (Acid Soluble)	%	---	---	---	---	---	---	---	---	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	---	---	---	---	---	---	---	---
PAH										
Naphthalene	mg/kg	0.1	---	0.24	---	0.2	<0.1	<0.1	---	<0.1
Acenaphthene	mg/kg	---	---	---	---	---	---	---	---	---
Acenaphthylene	mg/kg	---	---	---	---	---	---	---	---	---
Fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene	mg/kg	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
Fluorene	mg/kg	---	---	---	---	---	---	---	---	---
Chrysene	mg/kg	---	---	---	---	---	---	---	---	---
Pyrene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(a)anthracene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	<0.1	---	<0.03	---	<0.1	<0.1	<0.1	---	<0.1
Dibenz(a,h)anthracene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
PAH 16 Total	mg/kg	---	---	---	---	---	---	---	---	---
Other										
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---
Moisture	%	---	5	5.2	4.3	---	---	---	2	---
pH (Lab)	pH_Units	9.8	---	10	---	9	9.4	10.3	---	9.9

Matrix Description		Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone
Location Code		ST131221	ST131221A	ST131222	ST131222A	ST140222	ST140222A	ST140721A	ST150621A	ST150823
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		21-26710	21-26709	22-26839	22-26862	22-03150	22-03151	21-14887	21-12761	23-19862
Date		13 Dec 2021	13 Dec 2021	13 Dec 2022	13 Dec 2022	14 Feb 2022	14 Feb 2022	14 Jul 2021	15 Jun 2021	15 Aug 2023
Depth										
	Unit									
Metals										
Arsenic	mg/kg	---	28	---	8.8	---	31	17	17	---
Cadmium	mg/kg	---	<0.1	---	<0.1	---	0.5	<0.1	<0.1	---
Chromium (hexavalent)	mg/kg	---	<1	---	<1	---	<1	<1	<1	---
Chromium	mg/kg	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	31	---	25	---	22	35	34	---
Lead	mg/kg	---	21	---	11	---	14	18	17	---
Mercury	mg/kg	---	0.05	---	<0.05	---	<0.05	0.06	<0.1	---
Nickel	mg/kg	---	36	---	31	---	25	47	51	---
Selenium	mg/kg	---	<0.5	---	0.7	---	<0.5	<0.5	<0.5	---
Zinc	mg/kg	---	58	---	41	---	100	110	100	---
Inorganics										
Sulphate (Acid Soluble)	%	---	---	---	---	---	---	---	---	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	---	---	---	---	---	---	---	---
PAH										
Naphthalene	mg/kg	---	<0.1	---	<0.1	---	<0.1	<0.1	0.4	---
Acenaphthene	mg/kg	---	---	---	---	---	---	---	0.5	---
Acenaphthylene	mg/kg	---	---	---	---	---	---	---	<0.1	---
Fluoranthene	mg/kg	---	---	---	---	---	---	---	<0.1	---
Anthracene	mg/kg	---	---	---	---	---	---	---	<0.1	---
Phenanthrene	mg/kg	---	---	---	---	---	---	---	0.3	---
Fluorene	mg/kg	---	---	---	---	---	---	---	0.1	---
Chrysene	mg/kg	---	---	---	---	---	---	---	<0.1	---
Pyrene	mg/kg	---	---	---	---	---	---	---	<0.1	---
Benzo(a)anthracene	mg/kg	---	---	---	---	---	---	---	<0.1	---
Benzo(b)fluoranthene	mg/kg	---	---	---	---	---	---	---	<0.1	---
Benzo(k)fluoranthene	mg/kg	---	---	---	---	---	---	---	<0.1	---
Benzo(a)pyrene	mg/kg	---	<0.1	---	<0.1	---	<0.1	<0.1	<0.1	---
Dibenz(a,h)anthracene	mg/kg	---	---	---	---	---	---	---	<0.1	---
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	---	---	<0.1	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	---	---	---	---	<0.1	---
PAH 16 Total	mg/kg	---	---	---	---	---	---	---	<1.6	---
Other										
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---
Moisture	%	2.4	---	3	---	4	---	---	---	4.3
pH (Lab)	pH_Units	---	9.9	---	9.4	---	10	9.9	8	---

Matrix Description		Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone
Location Code		ST150823A	ST151122	ST151122A	ST160221A	ST160223	ST160223A	ST160321A	ST160323A	ST170723	ST170723A
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-19864	22-23631	22-23639	21-03435	23-04576	23-04427	21-05752	23-07139	23-17438	23-17428
Date		15 Aug 2023	15 Nov 2022	15 Nov 2022	16 Feb 2021	16 Feb 2023	16 Feb 2023	16 Mar 2021	16 Mar 2023	17 Jul 2023	17 Jul 2023
Depth											
	Unit										
Metals											
Arsenic	mg/kg	16	---	12	23	---	15	28	12	---	12
Cadmium	mg/kg	<0.1	---	<0.1	0.1	---	<0.1	<0.1	<0.1	---	<0.1
Chromium (hexavalent)	mg/kg	<1	---	<1	<1	---	<1	<1	<1	---	<1
Chromium	mg/kg	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	25	---	25	19	---	15	38	16	---	18
Lead	mg/kg	28	---	12	14	---	18	17	61	---	13
Mercury	mg/kg	0.14	---	<0.05	<0.1	---	<0.05	<0.1	<0.05	---	<0.05
Nickel	mg/kg	31	---	35	30	---	35	38	24	---	27
Selenium	mg/kg	<0.5	---	0.8	0.6	---	<0.5	<0.5	<0.5	---	<0.5
Zinc	mg/kg	62	---	40	90	---	46	61	43	---	57
Inorganics											
Sulphate (Acid Soluble)	%	---	---	---	---	---	---	---	---	---	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Naphthalene	mg/kg	<0.1	---	<0.1	<0.1	---	<0.1	<0.1	0.1	---	<0.1
Acenaphthene	mg/kg	---	---	---	<0.1	---	---	<0.1	---	---	---
Acenaphthylene	mg/kg	---	---	---	<0.1	---	---	<0.1	---	---	---
Fluoranthene	mg/kg	---	---	---	<0.1	---	---	<0.1	---	---	---
Anthracene	mg/kg	---	---	---	<0.1	---	---	<0.1	---	---	---
Phenanthrene	mg/kg	---	---	---	<0.1	---	---	<0.1	---	---	---
Fluorene	mg/kg	---	---	---	<0.1	---	---	<0.1	---	---	---
Chrysene	mg/kg	---	---	---	<0.1	---	---	<0.1	---	---	---
Pyrene	mg/kg	---	---	---	<0.1	---	---	<0.1	---	---	---
Benzo(a)anthracene	mg/kg	---	---	---	<0.1	---	---	<0.1	---	---	---
Benzo(b)fluoranthene	mg/kg	---	---	---	<0.1	---	---	<0.1	---	---	---
Benzo(k)fluoranthene	mg/kg	---	---	---	<0.1	---	---	<0.1	---	---	---
Benzo(a)pyrene	mg/kg	<0.1	---	<0.1	<0.1	---	<0.1	<0.1	<0.1	---	<0.1
Dibenz(a,h)anthracene	mg/kg	---	---	---	<0.1	---	---	<0.1	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	---	---	<0.1	---	---	<0.1	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	<0.1	---	---	<0.1	---	---	---
PAH 16 Total	mg/kg	---	---	---	<1.6	---	---	<1.6	---	---	---
Other											
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Moisture	%	---	5.2	---	---	5.3	---	---	---	3.2	---
pH (Lab)	pH_Units	8.9	---	9.6	9.6	---	9.5	9.6	9.7	---	9.8

Matrix Description		Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone
Location Code		ST170821	ST170821A	ST180122	ST180122A	ST180423A	ST180521A	ST181021	ST181021A	ST190121
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		21-18191	21-18179	22-01129	22-01127	23-09464	21-10627	21-22424	21-22421	21-01164
Date		17 Aug 2021	17 Aug 2021	18 Jan 2022	18 Jan 2022	11 Apr 2023	18 May 2021	18 Oct 2021	18 Oct 2021	19 Jan 2021
Depth										
	Unit									
Metals										
Arsenic	mg/kg	---	17	---	30	14	20	---	15	---
Cadmium	mg/kg	---	<0.1	---	<0.1	<0.1	0.1	---	<0.1	---
Chromium (hexavalent)	mg/kg	---	<1	---	<1	<1	<1	---	<1	---
Chromium	mg/kg	---	---	---	---	---	---	---	---	---
Copper	mg/kg	---	31	---	30	24	24	---	22	---
Lead	mg/kg	---	14	---	23	13	15	---	12	---
Mercury	mg/kg	---	0.05	---	<0.05	<0.05	<0.1	---	<0.05	---
Nickel	mg/kg	---	44	---	37	30	32	---	33	---
Selenium	mg/kg	---	<0.5	---	1.3	<0.5	<0.5	---	<0.5	---
Zinc	mg/kg	---	98	---	71	47	80	---	52	---
Inorganics										
Sulphate (Acid Soluble)	%	---	---	---	---	---	---	---	---	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	---	---	---	---	---	---	---	---
PAH										
Naphthalene	mg/kg	---	0.5	---	<0.1	<0.1	<0.1	---	<0.1	---
Acenaphthene	mg/kg	---	---	---	---	---	<0.1	---	---	---
Acenaphthylene	mg/kg	---	---	---	---	---	<0.1	---	---	---
Fluoranthene	mg/kg	---	---	---	---	---	<0.1	---	---	---
Anthracene	mg/kg	---	---	---	---	---	<0.1	---	---	---
Phenanthrene	mg/kg	---	---	---	---	---	<0.1	---	---	---
Fluorene	mg/kg	---	---	---	---	---	<0.1	---	---	---
Chrysene	mg/kg	---	---	---	---	---	<0.1	---	---	---
Pyrene	mg/kg	---	---	---	---	---	<0.1	---	---	---
Benzo(a)anthracene	mg/kg	---	---	---	---	---	<0.1	---	---	---
Benzo(b)fluoranthene	mg/kg	---	---	---	---	---	<0.1	---	---	---
Benzo(k)fluoranthene	mg/kg	---	---	---	---	---	<0.1	---	---	---
Benzo(a)pyrene	mg/kg	---	<0.1	---	<0.1	<0.1	<0.1	---	<0.1	---
Dibenz(a,h)anthracene	mg/kg	---	---	---	---	---	<0.1	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	<0.1	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	---	---	<0.1	---	---	---
PAH 16 Total	mg/kg	---	---	---	---	---	<1.6	---	---	---
Other										
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---
Moisture	%	3.8	---	2.9	---	---	---	2.8	---	3.5
pH (Lab)	pH_Units	---	9.3	---	9.9	9.6	9.7	---	9.8	---

Matrix Description		Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone
Location Code		ST190121A	ST190123	ST190123A	ST191022	ST191022A	ST200721	ST200721A	ST201221	ST201221A	ST201222
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		21-01161	23-02071	23-02077	22-21233	22-21242	21-15407	21-15405	21-27240	21-27238	22-26841
Date		19 Jan 2021	19 Jan 2023	19 Jan 2023	19 Oct 2022	19 Oct 2022	20 Jul 2021	20 Jul 2021	20 Dec 2021	20 Dec 2021	20 Dec 2022
Depth											
	Unit										
Metals											
Arsenic	mg/kg	17	---	14	---	11	---	31	---	27	---
Cadmium	mg/kg	<0.1	---	<0.1	---	0.1	---	<0.1	---	0.1	---
Chromium (hexavalent)	mg/kg	---	---	<1	---	<1	---	<1	---	<1	---
Chromium	mg/kg	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	23	---	27	---	24	---	33	---	27	---
Lead	mg/kg	54	---	11	---	17	---	16	---	20	---
Mercury	mg/kg	<0.05	---	<0.05	---	<0.05	---	<0.05	---	0.06	---
Nickel	mg/kg	38	---	39	---	34	---	38	---	40	---
Selenium	mg/kg	<0.5	---	0.8	---	1	---	<0.5	---	<0.5	---
Zinc	mg/kg	66	---	43	---	55	---	65	---	73	---
Inorganics											
Sulphate (Acid Soluble)	%	---	---	---	---	---	---	---	---	---	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	---	---	---	---	---	---	---	---	---	---
Sulphate	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH											
Naphthalene	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Acenaphthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Acenaphthylene	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Anthracene	mg/kg	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/kg	---	---	---	---	---	---	---	---	---	---
Fluorene	mg/kg	---	---	---	---	---	---	---	---	---	---
Chrysene	mg/kg	---	---	---	---	---	---	---	---	---	---
Pyrene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(a)anthracene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Dibenz(a,h)anthracene	mg/kg	---	---	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	---	---	---	---	---	---	---
PAH 16 Total	mg/kg	---	---	---	---	---	---	---	---	---	---
Other											
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Moisture	%	4.1	3.8	---	2.1	---	5.4	---	2.6	---	2.8
pH (Lab)	pH_Units	9.1	---	9.7	---	9.7	---	9.2	---	9.6	---

Matrix Description		Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone
Location Code		ST201222A	ST210222	ST210222A	ST210223	ST220621A	ST220823A	ST230221A	ST230321A	ST230822
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		22-26861	22-03700	22-03699	23-04574	21-13304	23-20275	21-03971	21-06285	22-17287
Date		20 Dec 2022	21 Feb 2022	21 Feb 2022	21 Feb 2023	22 Jun 2021	22 Aug 2023	23 Feb 2021	23 Mar 2021	23 Aug 2022
Depth										
	Unit									
Metals										
Arsenic	mg/kg	9.1	---	17	---	17	17	32	34	---
Cadmium	mg/kg	<0.1	---	<0.1	---	<0.1	<0.1	0.1	0.2	---
Chromium (hexavalent)	mg/kg	<1	---	<1	---	<1	<1	<1	<1	---
Chromium	mg/kg	---	---	---	---	---	---	---	---	---
Copper	mg/kg	18	---	24	---	30	20	31	36	---
Lead	mg/kg	9.4	---	15	---	18	9.3	15	19	---
Mercury	mg/kg	<0.05	---	<0.05	---	<0.1	<0.05	<0.1	<0.1	---
Nickel	mg/kg	32	---	31	---	51	35	38	47	---
Selenium	mg/kg	<0.5	---	<0.5	---	<0.5	<0.5	0.6	<0.5	---
Zinc	mg/kg	37	---	87	---	95	54	85	78	---
Inorganics										
Sulphate (Acid Soluble)	%	0.02	---	0.06	---	---	0.07	---	---	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	33	---	100	---	---	230	---	---	---
Sulphate	mg/kg	4,200	---	5,200	---	---	5,600	---	---	---
PAH										
Naphthalene	mg/kg	<0.1	---	<0.1	---	<0.1	<0.1	<0.1	<0.1	---
Acenaphthene	mg/kg	---	---	---	---	<0.1	---	<0.1	<0.1	---
Acenaphthylene	mg/kg	---	---	---	---	<0.1	---	0.2	<0.1	---
Fluoranthene	mg/kg	---	---	---	---	<0.1	---	<0.1	<0.1	---
Anthracene	mg/kg	---	---	---	---	<0.1	---	0.4	<0.1	---
Phenanthrene	mg/kg	---	---	---	---	<0.1	---	0.2	<0.1	---
Fluorene	mg/kg	---	---	---	---	<0.1	---	0.2	<0.1	---
Chrysene	mg/kg	---	---	---	---	<0.1	---	<0.1	<0.1	---
Pyrene	mg/kg	---	---	---	---	<0.1	---	<0.1	<0.1	---
Benzo(a)anthracene	mg/kg	---	---	---	---	<0.1	---	<0.1	<0.1	---
Benzo(b)fluoranthene	mg/kg	---	---	---	---	<0.1	---	<0.1	<0.1	---
Benzo(k)fluoranthene	mg/kg	---	---	---	---	<0.1	---	<0.1	<0.1	---
Benzo(a)pyrene	mg/kg	<0.1	---	<0.1	---	<0.1	<0.1	<0.1	<0.1	---
Dibenz(a,h)anthracene	mg/kg	---	---	---	---	<0.1	---	<0.1	<0.1	---
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	<0.1	---	<0.1	<0.1	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	---	<0.1	---	<0.1	<0.1	---
PAH 16 Total	mg/kg	---	---	---	---	<1.6	---	<1.6	<1.6	---
Other										
Acid Reserve	gNaOH/100g	---	---	<1	---	---	---	---	---	---
Moisture	%	---	5.7	---	3.8	---	---	---	---	6.6
pH (Lab)	pH_Units	9.5	---	9.8	---	9.8	9.7	9.8	9.7	---

Matrix Description		Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone
Location Code		ST230822A	ST231122	ST231122A	ST240821	ST240821A	ST241022	ST241022A	ST250122	ST250122A
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		22-17292	22-24244	22-24242	21-18186	21-18181	22-22507	22-22509	22-01526	22-01527
Date		23 Aug 2022	23 Nov 2022	23 Nov 2022	24 Aug 2021	24 Aug 2021	24 Oct 2022	24 Oct 2022	25 Jan 2022	25 Jan 2022
Depth										
	Unit									
Metals										
Arsenic	mg/kg	11	---	7	---	15	---	9.7	---	23
Cadmium	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1
Chromium (hexavalent)	mg/kg	<1	---	<1	---	<1	---	<1	---	<1
Chromium	mg/kg	---	---	---	---	---	---	---	---	---
Copper	mg/kg	20	---	29	---	21	---	24	---	22
Lead	mg/kg	9.3	---	8.9	---	10	---	12	---	18
Mercury	mg/kg	<0.05	---	<0.05	---	<0.05	---	<0.05	---	<0.05
Nickel	mg/kg	29	---	24	---	33	---	33	---	32
Selenium	mg/kg	<0.5	---	<0.5	---	0.6	---	<0.5	---	1
Zinc	mg/kg	49	---	40	---	62	---	45	---	63
Inorganics										
Sulphate (Acid Soluble)	%	0.09	---	---	---	---	---	---	---	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	200	---	---	---	---	---	---	---	---
Sulphate	mg/kg	2,900	---	---	---	---	---	---	---	---
PAH										
Naphthalene	mg/kg	<0.1	---	0.2	---	0.2	---	0.1	---	0.2
Acenaphthene	mg/kg	---	---	---	---	---	---	---	---	---
Acenaphthylene	mg/kg	---	---	---	---	---	---	---	---	---
Fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
Anthracene	mg/kg	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/kg	---	---	---	---	---	---	---	---	---
Fluorene	mg/kg	---	---	---	---	---	---	---	---	---
Chrysene	mg/kg	---	---	---	---	---	---	---	---	---
Pyrene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(a)anthracene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1
Dibenz(a,h)anthracene	mg/kg	---	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	---	---	---	---	---	---
PAH 16 Total	mg/kg	---	---	---	---	---	---	---	---	---
Other										
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---
Moisture	%	---	4.1	---	3.8	---	2.7	---	2.6	---
pH (Lab)	pH_Units	9.2	---	9.6	---	9.9	---	10.1	---	9.5

Matrix Description		Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone
Location Code		ST250123	ST250123A	ST250521A	ST260121	ST260121A	ST261021A	ST270721	ST270721A	ST270922A	ST281122
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		23-02073	23-02079	21-11201	21-01744	21-01752	21-23019	21-15922	21-15919	22-20558	22-25412
Date		25 Jan 2023	25 Jan 2023	25 May 2021	26 Jan 2021	26 Jan 2021	26 Oct 2021	27 Jul 2021	27 Jul 2021	27 Sep 2022	28 Nov 2022
Depth											
	Unit										
Metals											
Arsenic	mg/kg	---	11	13	---	20	24	---	30	12	---
Cadmium	mg/kg	---	<0.1	<0.1	---	---	4	---	<0.1	<0.1	---
Chromium (hexavalent)	mg/kg	---	<1	<1	---	<1	<1	---	<1	<1	---
Chromium	mg/kg	---	---	---	---	25	---	---	---	---	---
Copper	mg/kg	---	24	24	---	24	22	---	27	16	---
Lead	mg/kg	---	14	16	---	16	8.3	---	16	12	---
Mercury	mg/kg	---	<0.05	<0.1	---	<0.05	0.36	---	<0.05	<0.05	---
Nickel	mg/kg	---	38	40	---	30	19	---	36	28	---
Selenium	mg/kg	---	<0.5	<0.5	---	<0.5	<0.5	---	<0.5	<0.5	---
Zinc	mg/kg	---	39	87	---	49	2,100	---	68	54	---
Inorganics											
Sulphate (Acid Soluble)	%	---	0.04	---	---	---	0.08	---	---	0.07	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	---	110	---	---	---	140	---	---	150	---
Sulphate	mg/kg	---	7,700	---	---	---	4,600	---	---	3,600	---
PAH											
Naphthalene	mg/kg	---	<0.1	<0.1	---	0.1	0.2	---	<0.1	<0.1	---
Acenaphthene	mg/kg	---	---	<0.1	---	---	<0.1	---	---	---	---
Acenaphthylene	mg/kg	---	---	<0.1	---	---	<0.1	---	---	---	---
Fluoranthene	mg/kg	---	---	<0.1	---	---	<0.1	---	---	---	---
Anthracene	mg/kg	---	---	<0.1	---	---	<0.1	---	---	---	---
Phenanthrene	mg/kg	---	---	<0.1	---	---	0.1	---	---	---	---
Fluorene	mg/kg	---	---	<0.1	---	---	<0.1	---	---	---	---
Chrysene	mg/kg	---	---	<0.1	---	---	<0.1	---	---	---	---
Pyrene	mg/kg	---	---	<0.1	---	---	<0.1	---	---	---	---
Benzo(a)anthracene	mg/kg	---	---	<0.1	---	---	<0.1	---	---	---	---
Benzo(b)fluoranthene	mg/kg	---	---	<0.1	---	---	<0.1	---	---	---	---
Benzo(k)fluoranthene	mg/kg	---	---	<0.1	---	---	<0.1	---	---	---	---
Benzo(a)pyrene	mg/kg	---	<0.1	<0.1	---	<0.1	<0.1	---	<0.1	<0.1	---
Dibenz(a,h)anthracene	mg/kg	---	---	<0.1	---	---	<0.1	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	---	---	<0.1	---	---	<0.1	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	<0.1	---	---	<0.1	---	---	---	---
PAH 16 Total	mg/kg	---	---	<1.6	---	---	<1.6	---	---	---	---
Other											
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---	---
Moisture	%	4.2	---	---	3.1	6.1	---	2.5	---	---	2.5
pH (Lab)	pH_Units	---	9.6	8.9	---	9.2	9.8	---	9.8	9.5	---

Matrix Description		Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone
Location Code		ST281122A	ST290323A	ST290621	ST290621A	ST290921	ST290921A	ST300321A	ST300822	ST300822A
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		22-25409	23-07822	21-13849	21-13848	21-21343	21-21353	21-06877	22-17289	22-17298
Date		28 Nov 2022	29 Mar 2023	29 Jun 2021	29 Jun 2021	06 Oct 2021	29 Sep 2021	30 Mar 2021	30 Aug 2022	30 Aug 2022
Depth										
	Unit									
Metals										
Arsenic	mg/kg	11	13	---	16	---	37	31	---	21
Cadmium	mg/kg	<0.1	<0.1	---	<0.1	---	0.3	0.1	---	0.1
Chromium (hexavalent)	mg/kg	<1	<1	---	<1	---	<1	<1	---	<1
Chromium	mg/kg	---	---	---	---	---	---	---	---	---
Copper	mg/kg	18	17	---	30	---	54	29	---	24
Lead	mg/kg	11	12	---	16	---	36	26	---	81
Mercury	mg/kg	<0.05	<0.05	---	<0.05	---	<0.1	0.17	---	<0.05
Nickel	mg/kg	28	30	---	46	---	48	44	---	32
Selenium	mg/kg	<0.5	<0.5	---	<0.5	---	0.8	0.5	---	<0.5
Zinc	mg/kg	40	45	---	110	---	110	78	---	46
Inorganics										
Sulphate (Acid Soluble)	%	---	0.05	---	---	---	0.05	---	---	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	---	160	---	---	---	360	---	---	---
Sulphate	mg/kg	---	4,400	---	---	---	27,000	---	---	---
PAH										
Naphthalene	mg/kg	<0.1	<0.1	---	<0.1	---	<0.1	<0.1	---	<0.1
Acenaphthene	mg/kg	---	---	---	---	---	<0.1	<0.1	---	---
Acenaphthylene	mg/kg	---	---	---	---	---	<0.1	<0.1	---	---
Fluoranthene	mg/kg	---	---	---	---	---	<0.1	<0.1	---	---
Anthracene	mg/kg	---	---	---	---	---	<0.1	<0.1	---	---
Phenanthrene	mg/kg	---	---	---	---	---	<0.1	<0.1	---	---
Fluorene	mg/kg	---	---	---	---	---	<0.1	<0.1	---	---
Chrysene	mg/kg	---	---	---	---	---	<0.1	<0.1	---	---
Pyrene	mg/kg	---	---	---	---	---	<0.1	<0.1	---	---
Benzo(a)anthracene	mg/kg	---	---	---	---	---	<0.1	<0.1	---	---
Benzo(b)fluoranthene	mg/kg	---	---	---	---	---	<0.1	<0.1	---	---
Benzo(k)fluoranthene	mg/kg	---	---	---	---	---	<0.1	<0.1	---	---
Benzo(a)pyrene	mg/kg	<0.1	<0.1	---	<0.1	---	<0.1	<0.1	---	<0.1
Dibenz(a,h)anthracene	mg/kg	---	---	---	---	---	<0.1	<0.1	---	---
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	<0.1	<0.1	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	---	---	---	---	---	<0.1	<0.1	---	---
PAH 16 Total	mg/kg	---	---	---	---	---	<1.6	<1.6	---	---
Other										
Acid Reserve	gNaOH/100g	---	---	---	---	---	---	---	---	---
Moisture	%	---	---	<0.1	---	6	---	---	3.3	---
pH (Lab)	pH_Units	9.1	9.9	---	9.5	---	8.5	9.7	---	8.8

Matrix Description		Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone
Location Code		ST301121A	ST310723	ST310723A	ST310821	ST310821A	ST311022	ST311022A	ST0612222	STO70823A	STT40721
Matrix Type		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Lab Report Number		21-25757	23-18746	23-18571	21-18457	21-18461	22-22504	22-22513	22-25411	23-19194	21-14889
Date		30 Nov 2021	31 Jul 2023	31 Jul 2023	31 Aug 2021	31 Aug 2021	31 Oct 2022	31 Oct 2022	06 Dec 2022	07 Aug 2023	14 Jul 2021
Depth											
	Unit										
Metals											
Arsenic	mg/kg	34	---	25	---	20	---	11	---	13	---
Cadmium	mg/kg	1.1	---	16	---	0.1	---	<0.1	---	<0.1	---
Chromium (hexavalent)	mg/kg	<1	---	<1	---	<1	---	<1	---	<1	---
Chromium	mg/kg	---	---	---	---	---	---	---	---	---	---
Copper	mg/kg	33	---	71	---	24	---	26	---	15	---
Lead	mg/kg	32	---	1,500	---	17	---	15	---	13	---
Mercury	mg/kg	<0.1	---	0.41	---	<0.05	---	<0.05	---	<0.05	---
Nickel	mg/kg	45	---	23	---	41	---	35	---	28	---
Selenium	mg/kg	1.2	---	<0.5	---	<0.5	---	0.6	---	<0.5	---
Zinc	mg/kg	280	---	1,000	---	120	---	49	---	51	---
Inorganics											
Sulphate (Acid Soluble)	%	0.07	---	0.39	---	---	---	0.13	---	---	---
Sulphate Aqueous Extract as SO4 (2:1)	mg/l	280	---	930	---	---	---	81	---	---	---
Sulphate	mg/kg	21,000	---	4,800	---	---	---	4,300	---	---	---
PAH											
Naphthalene	mg/kg	0.2	---	0.1	---	<0.1	---	0.2	---	<0.1	---
Acenaphthene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Acenaphthylene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Fluoranthene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Anthracene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/kg	0.2	---	---	---	---	---	---	---	---	---
Fluorene	mg/kg	0.6	---	---	---	---	---	---	---	---	---
Chrysene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Pyrene	mg/kg	0.4	---	---	---	---	---	---	---	---	---
Benzo(a)anthracene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Benzo(b)fluoranthene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Benzo(k)fluoranthene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Benzo(a)pyrene	mg/kg	<0.1	---	<0.1	---	<0.1	---	<0.1	---	<0.1	---
Dibenz(a,h)anthracene	mg/kg	0.4	---	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	mg/kg	<0.1	---	---	---	---	---	---	---	---	---
Indeno(1,2,3-c,d)pyrene	mg/kg	1.8	---	---	---	---	---	---	---	---	---
PAH 16 Total	mg/kg	3.6	---	---	---	---	---	---	---	---	---
Other											
Acid Reserve	gNaOH/100g	<1	---	1.5	---	---	---	---	---	---	---
Moisture	%	---	5.1	---	2.3	---	2.5	---	2.5	---	4
pH (Lab)	pH_Units	9.7	---	11.7	---	9.6	---	9.5	---	9.8	---

Comments

#1 Water Supply (Water Quality) Regulations 2016, As Solved.

#2 Guidelines for Drinking-water Quality, 4th Edition, WHO, 2011. Informal value.

#3 Guidelines for Drinking-water Quality, 4th Edition, WHO, 2011. Based on both urban and a formal guideline.

#4 Water Supply (Water Quality) Regulations 2016, As Solved.

#5 Water Supply (Water Quality) Regulations 2016, Volume 2 of FPH set approved by four individual IPAs. Requires compliance of benzene(benzene),benzene(benzene),benzene(benzene),benzene(benzene)and nitrobenz(nitrobenzene)s as per 1 ug/l water quality standard.

#6 Water Framework Directive (Standards and Classification) Regulations (England & Wales), Dissolved Fraction.

#7 Water Framework Directive (Standards and Classification) Regulations (England & Wales), Dissolved Fraction.

#8 Water Framework Directive (Standards and Classification) Regulations (England & Wales), Dissolved Fraction. This has a higher criteria than [1,79+2,47x10^(-0.002)+6] ug/L.

#9 Water Framework Directive (Standards and Classification) Regulations (England & Wales), 2015. Based on value for dissolved ion.

#10 Operational Targets and EQS, EA, April 2018. Maximum value against background concentration. For substance, an Ambient Background Concentration of 1 µg/l has been determined based on the highest measured concentrations observed in England and Wales. Benzenehexachlorocyclohexane can be used as a marker for the compound with the corresponding AA-ECOS value of 1.

#11 Operational Targets and EQS, EA, April 2018. Maximum value against background concentration. For substance, an Ambient Background Concentration of 1 µg/l has been determined based on the highest measured concentrations observed in England and Wales. Benzenehexachlorocyclohexane can be used as a marker for the compound with the corresponding AA-ECOS value of 1.

#12 Operational Targets and EQS, April 2018. Maximum Allowable Concentration (MAC) adopted in absence of Annual Average (AA) ECOS values.

Appendix N

Leachate Data Conservatism

Conservatism in Leachate Data

Leachate testing methods are typically used to represent worst-case conditions (with respect to what may leach from soil) and, in many situations, are an overestimate of concentrations which may leach from soils due to infiltration alone. This overestimate is due in part to the volume and eluate used (de-ionised water), and also to the crushing involved in sample preparation. A smaller sample size creates a larger surface area, increasing the leaching potential of the media (e.g. soil) tested. Substances will often be extracted into the de-ionised water eluate more favourably than rainwater due to the absence of existing ions in de-ionised water causing a greater concentration gradient. The volume of eluate used also is large compared to daily rainfall volumes (10:1 ratio used in testing). This means that leachate tests may be more representative of long-term leachable mass, rather than representing actual soil leaching conditions.

The below sections provide a technical discussion on how the leachate testing sample preparation compares to the earthworks specification.

Particle Size Reduction

The recovery process involves processing (primarily crushing over-sized materials to less than 125mm and screening of materials below 125mm) and backfilling to a compacted engineering specification. Crushing of materials has the potential to increase surface area and expose previously un-weathered surfaces. Based on particle size distribution assessments previously undertaken across Teesworks associated with comparable material types (Slag Made Ground and Granular Made Ground), approximately 69% of slag rich Made Ground was coarser than 4mm post processing.

The leachate testing process involves, where necessary, the crushing of materials to below a specified size. A maximum 4mm particle size is used in the CEN method (CEN/TC 292/WG 2N 164-3) which was applied during analysis of the additional soil samples and for other recent datasets. Other common leachate preparation methods which may have been used on historical data are the National Rivers Authority (NRA) procedure which also involves a maximum particle size specification (5mm).

The degree of crushing during leachate testing is to a smaller particle size than that planned during materials treatment. As such, leachate testing is on materials with a higher surface area and greater degree of exposed faces than materials that are to be treated. Leachate testing therefore provides a likely overestimate of leachable concentrations from potential recovered materials.

Appendix O

Datasets

Datasets

Where analysis of a CoC has been undertaken by two different methods, such as Polycyclic Aromatic Hydrocarbons (PAH) by Semi Volatile Organic Compound (SVOC) analysis or by PAH specific method, the method with the lower Method Detection Limit (MDL) has been used as this is more precise. Additionally, where repeat analysis has been undertaken, the higher of the two results has been selected.

Sum Total Petroleum Hydrocarbon (TPH) by Criteria Working Group (CWG) method has been reported over the duration of the investigations to a number of different specifications including:

- Aliphatic/Aromatic C5-C35
- Aliphatic/Aromatic C5-C40
- Aliphatic/Aromatic C5-C44

Where sum TPH by CWG is reported, the laboratories have only reported one of the above (e.g. the laboratories have not reported Aliphatic/Aromatic C5-C35 **and** Aliphatic/Aromatic C5-C40, they have reported only e.g. Aliphatic/Aromatic C5-C35). For the purpose of the assessment, and to maximise the levels of confidence based on sample size (dataset size), the above three datasets have been combined and referenced as "Sum TPH". Hydrocarbon fractions above C35 are only sparingly soluble (below laboratory MDLs). Therefore, the combining of these datasets for the purpose of this assessment is reasonable. TPH data not analysed via the CWG method has not been included as analysis has been done in conjunction with TPH CWG. Unless TPH is done by the CWG method, it is unclear what extraction and clean up has been done and an incorrect representation is given.

Additionally for TPH, where a sum TPH value has not been provided by a laboratory, this has been manually calculated as part of the statistical assessment (C5 up to C44 where available). Similarly for total xylenes, where only individual isomers have been reported a total has also been manually calculated.

A number of CoC have been reported in a range of different units by laboratories over the duration of the investigations. These include:

- Ammoniacal Nitrogen
- Nitrate and Nitrite
- Sulphate
- Phosphate

Simple stoichiometric conversion calculations have been undertaken on the original data to ensure that all data is in consistent units that all assessment of the dataset as a whole.

WQS

Appendix P

WQS

Chemical Group	Compound	Units	UK Drinking Water Standards	UK Estuaries and coastal waters Environmental Quality Standards
Metals	Aluminium	µg/L	200 ^{#1}	
	Antimony	µg/L	5 ^{#1}	
	Arsenic	µg/L	10 ^{#1}	25 ^{#2}
	Barium	µg/L	1300 ^{#3}	
	Boron	µg/L	1000 ^{#1}	7000 ^{#4}
	Cadmium	µg/L	5 ^{#1}	0.2 ^{#5}
	Chromium (hexavalent)	µg/L		0.6 ^{#5}
	Chromium	µg/L	50 ^{#1}	0.6 ^{#5}
	Copper	µg/L	2000 ^{#1}	3.76 ^{#6}
	Iron	µg/L	200 ^{#1}	1000 ^{#2}
	Lead	µg/L	10 ^{#1}	1.3 ^{#5}
	Manganese	µg/L	50 ^{#1}	
	Mercury	µg/L	1 ^{#1}	0.07(MAC) ^{#7}
	Molybdenum	µg/L	70 ^{#8}	
	Nickel	µg/L	20 ^{#1}	8.6 ^{#5}
	Selenium	µg/L	10 ^{#1}	
Inorganics	Tin	µg/L		10 ^{#9}
	Vanadium	µg/L		100 ^{#10}
	Zinc	µg/L	3000 ^{#11}	7.9 ^{#12}
	Ammoniacal Nitrogen as N	mg/L		0.021 ^{#2}
	Chloride	mg/L	250 ^{#1}	
	Cyanide (Free)	µg/L	50 ^{#1}	1 ^{#2}
	Cyanide Total	µg/L	50 ^{#1}	1 ^{#2}
	cyanides-complex	µg/L	50 ^{#1}	1 ^{#2}
	Fluoride	µg/L	1500 ^{#1}	5000 ^{#13}
	Nitrate (as NO3-)	mg/L	50(NO3) ^{#14}	
Other	Nitrite (as NO2-)	mg/L	0.5(NO2) ^{#15}	
	Sodium	mg/L	200 ^{#1}	
	Sulphate	mg/L	250(SO4) ^{#16}	
	Sulphide	µg/L		10(MAC) ^{#17}
Total Petroleum Hydrocarbon Criteria Working Group	Thiocyanate (as SCN)	µg/L		9 ^{#37}
	pH (Lab)	pH_Units	6.5-9.5 ^{#1}	6-8.5(MAC) ^{#18}
Benzene, Toluene, Ethylbenzene and Xylenes	TPH >C5-C44 Aliphatics/Aromatics	µg/L	10 ^{#19}	50 ^{#20}
	Benzene	µg/L	1 ^{#1}	8 ^{#2}
	Toluene	µg/L	700 ^{#3}	74 ^{#2}
	Ethylbenzene	µg/L	300 ^{#3}	20 ^{#21}
	Xylene (m & p)	µg/L	250 ^{#22}	15 ^{#23}
	Xylene (o)	µg/L	250 ^{#22}	15 ^{#23}
	Xylene Total	µg/L	500 ^{#3}	30 ^{#4}
Polycyclic Aromatic Hydrocarbons	MTBE	µg/L	15 ^{#24}	15 ^{#24}
	Naphthalene	µg/L		2 ^{#2}
	Fluoranthene	µg/L		0.0063 ^{#2}
	Anthracene	µg/L		0.1 ^{#2}
	Benzo(b)fluoranthene	µg/L	0.025 ^{#25}	See BaP ^{#26}
	Benzo(k)fluoranthene	µg/L	0.025 ^{#25}	See BaP ^{#26}
	Benzo(a)pyrene	µg/L	0.01 ^{#1}	0.00017 ^{#26}
Phenolics	Benzo(g,h,i)perylene	µg/L	0.025 ^{#25}	See BaP ^{#26}
	Indeno(1,2,3-c,d)pyrene	µg/L	0.025 ^{#25}	See BaP ^{#26}
	Phenol	µg/L	5800 ^{#27}	7.7 ^{#2}
Volatile Organic Compounds	Phenols Monohydric	µg/L	5800 ^{#28}	7.7 ^{#29}
	Styrene	µg/L		50 ^{#4}
	1,1,1-trichloroethane	µg/L	2000 ^{#30}	100 ^{#4}
	1,2-dichloropropane	µg/L		8 ^{#31}
	Bromodichloromethane	µg/L	25 ^{#32}	
	Bromoform	µg/L	25 ^{#32}	
	Carbon tetrachloride	µg/L	3 ^{#1}	12 ^{#2}
	Chlorodibromomethane	µg/L	25 ^{#32}	
	Chloroform	µg/L	25 ^{#32}	2.5 ^{#2}
	cis-1,2-dichloroethene	µg/L	25 ^{#33}	
	Dichloromethane	µg/L		20 ^{#2}
	Trichloroethene	µg/L	5 ^{#34}	10 ^{#2}
	Tetrachloroethene	µg/L	5 ^{#34}	10 ^{#2}
	Sum Tetrachloroethene and Trichloroethene	µg/L	10 ^{#34}	

Appendix P: Water Quality Standard Sources

Chemical Group	Compound	Units	UK Drinking Water Standards	UK Estuaries and coastal waters Environmental Quality Standards
Volatile Organic Compounds / Semi-Volatile Organic Compounds	1,2,4-trichlorobenzene	µg/L		0.13 ^{#35}
	1,2-dichlorobenzene	µg/L		6.7 ^{#36}
	Chlorobenzene	µg/L	100 ^{#37}	
Semi-Volatile Organic Compounds	2,4-dimethylphenol	µg/L	360 ^{#27}	
	2-chlorophenol	µg/L		50 ^{#4}
	2-methylphenol	µg/L	930 ^{#27}	
	4-methylphenol	µg/L	370 ^{#27}	
	Bis(2-ethylhexyl) phthalate	µg/L		1.3 ^{#2}
	Benzyl alcohol	µg/L	2000 ^{#27}	
	Dibenzofuran	µg/L	7.9 ^{#27}	
	Di-n-butyl phthalate	µg/L		8 ^{#4}
	Pentachlorophenol	µg/L		0.4 ^{#2}
Pesticides	2-Methyl-4-chlorophenoxyacetic acid	µg/L	80 ^{#4}	

Notes

	No water quality Standard readily identified
DWS	Drinking Water Standard
EQS	Environmental Quality Standard
AA	Annual Average
MAC	Maximum Acceptable Concentration
EA	UK Environment Agency
WHO	World Health Organisation

References

- #1:Water Supply (Water Quality) Regulations 2016.
- #2:Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015.
- #3:Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011
- #4:Operational Targets and EQS. EA, April 2018
- #5:Water Framework Directive (Standards & Classification) Directions (England & Wales) 2015. Dissolved fraction.
- #6:Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Dissolved Fraction. If DOC >1mg/l then a higher criteria applies $[3.76 + (2.677 \times ((\text{DOC}/2) - 0.5))]$
- #7:Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Dissolved Fraction. MAC adopted in absence of AA value.
- #8:Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Informal value.
- #9:Operational Targets and EQS. EA, April 2018. Dissolved Fraction.
- #10:Operational Targets and EQS. EA, April 2018.
- #11:Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Based on taste rather than a formal guideline.
- #12:Operational Targets and EQS. EA, April 2018. Dissolved plus ambient background concentration. For saltwater, an Ambient Background Concentration of 1.1 µg/l has been used.
- #13:Operational Targets and EQS. EA, April 2018. Dissolved fraction.
- #14:Water Supply (Water Quality) Regulations 2016. As NO3.
- #15:Water Supply (Water Quality) Regulations 2016. As NO2.
- #16:Water Supply (Water Quality) Regulations 2016. As SO4.
- #17:Operational Targets and EQS. EA, April 2018. Based on value for hydrogen sulphide. MAC adopted in absence of AA value.
- #18:Operational Targets and EQS. EA, April 2018. Maximum Allowable Concentration (MAC) adopted in absence of Annual Average (AA) value.
- #19:No UK DWS for total petroleum hydrocarbons (TPH), or speciated TPH fractions. A value of 10 µg/l is adopted for sum TPH based on the rescinded Private Water Supply Regulations, 1991.
- #20:No UK EQS for total petroleum hydrocarbons (TPH), or speciated TPH fractions. A value of 50 µg/l is adopted for sum TPH protection of surface water based on 50µg/l-1000µg/l (Surface Waters (Abstraction for Drinking Water) Regulations 1989).
- #21:Proposed Environmental Quality Standard, in absence of legislative standard (Ayscough et al., 2002).
- #22:Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Value of 500µg/l for sum xylenes split between isomers.
- #23:Operational Targets and EQS. EA, April 2018. Value of 30µg/l for sum xylenes split between isomers.
- #24:The taste and odour threshold of 15µg/l is commonly adopted as a guide.
- #25:Water Supply (Water Quality) Regulations 2016. Value of 0.1µg/l for PAH split between four individual PAH.
- #26:Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Benzo(a)pyrene can be considered as a marker for other Polycyclic Aromatic Hydrocarbons for comparison with the corresponding AA-EQS in water.
- #27:US EPA Regional Screening Levels, November 2023. <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables>.
- #28:Phenol DWS value adopted.
- #29:Phenol EQS value adopted.
- #30:Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. In Scotland a value of 200µg/l is used (WAT-PS-10-01).
- #31:Predicted No Effect Concentration - Registration, Evaluation, Authorisation and Restriction of Chemicals, 2023.
- #32:Water Supply (Water Quality) Regulations 2016. Value of 100µg/l for sum trihalomethanes split between individual compounds.
- #33:Guidelines for Drinking-water Quality, 4th Edition. WHO, 2011. Value of 50µg/l for sum cis & trans-dichloroethene split between isomers.
- #34:Water Supply (Water Quality) Regulations 2016. Value of 10µg/l for sum of trichloroethene and tetrachloroethene split between individual compounds.
- #35:Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Value of 0.4µg/l for sum isomers split between 3 isomers.
- #36:Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. Value of 20µg/l for sum isomers split between 3 isomers.
- #37:Position statement (WAT-PS-10-01), SEPA August 2014.

Appendix Q

Box and Whisker Plots

Box and Whisker Plots

Box and Whisker plots have been produced for the nine indicators selected as priority substances.

Each plot presents the data split into the following series for the seven potential recovered materials

Box and Whisker plots show the spread of concentrations for each of the series assessed. This helps visualise whether concentrations are generally higher or lower, for example, when comparing leachate concentrations with superficial groundwater concentrations.

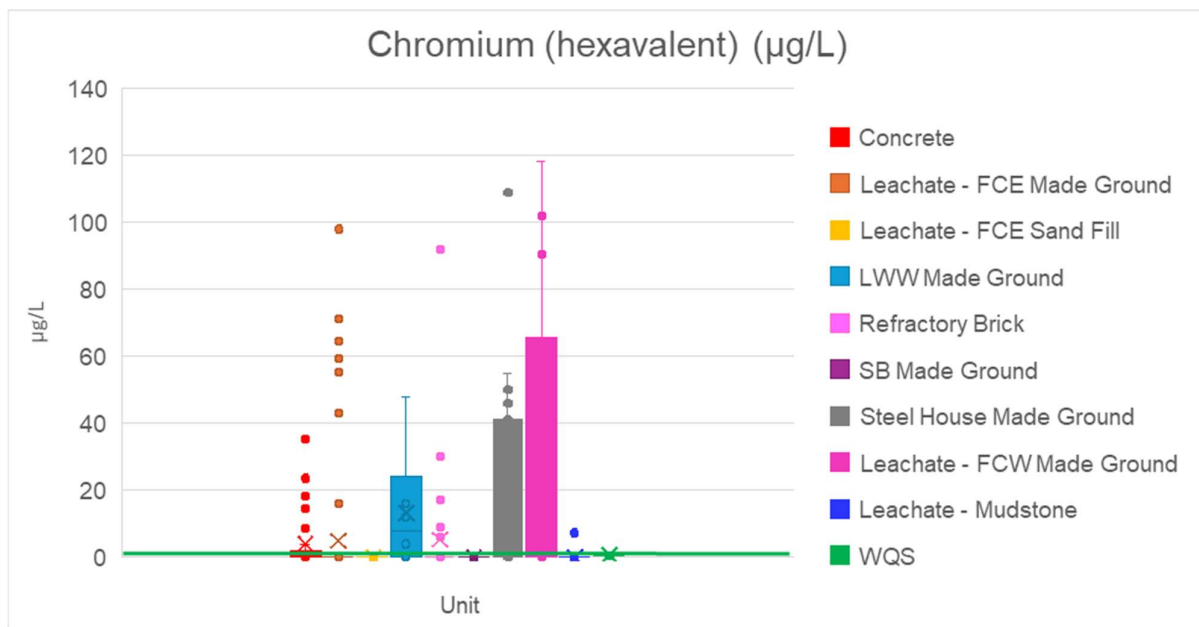
The use of Box and Whisker plots is recommended in the 2020 guidance published by CL:AIRE: *Guidance on applying statistics to land contamination decision-making*.

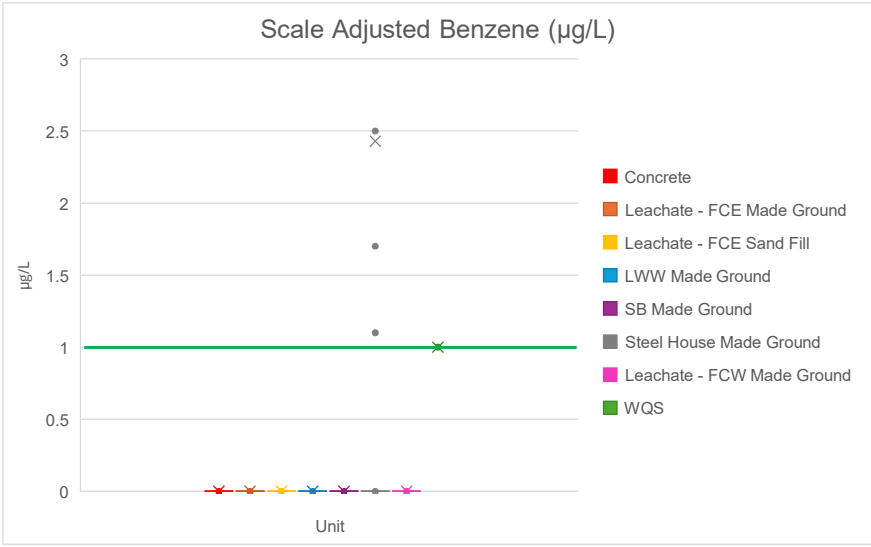
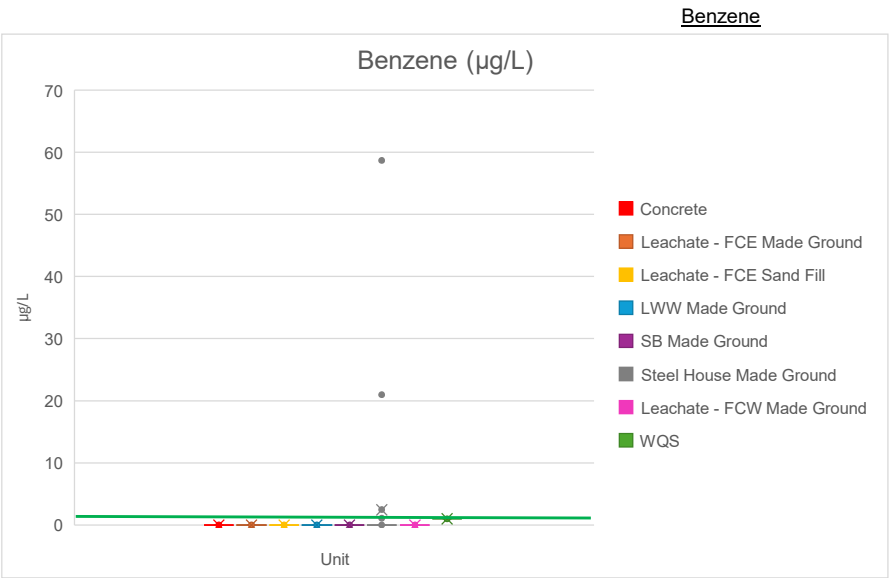
In the plots presented in this appendix, each of the measured sample concentrations has been plotted as a separate data point. The components of the Box and Whisker plot that are also shown include:

- 'Whiskers' of upper and lower ends of data (excluding those at extremes if data were normally distributed)
- Upper and lower quartiles (25th %ile and 75th %ile, value between which 50% of data points will fall)
- Median value
- Mean value (arithmetic mean – may differ from other statistical outputs if a geometric mean was used)

Values less than the laboratory MDL are shown as zero on the plots.

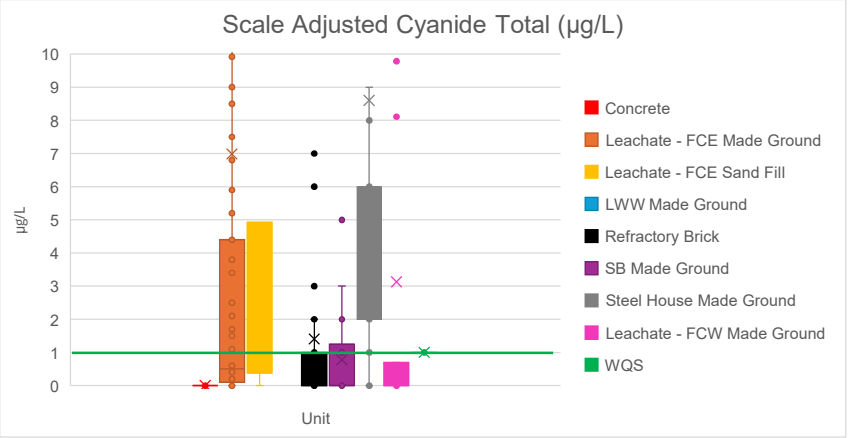
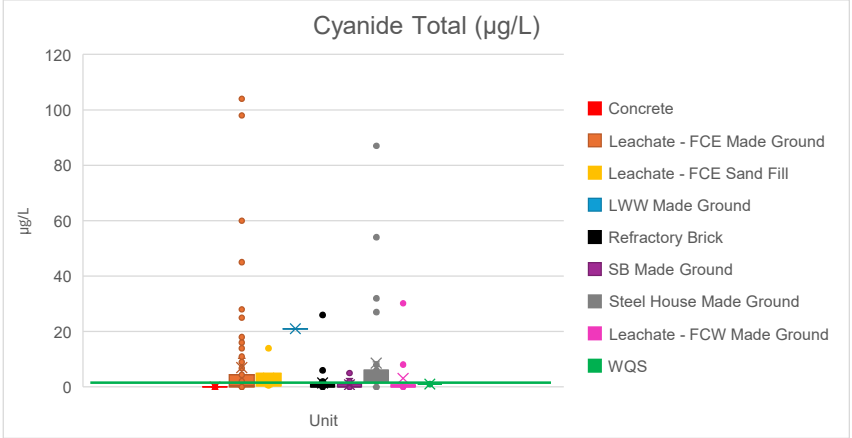
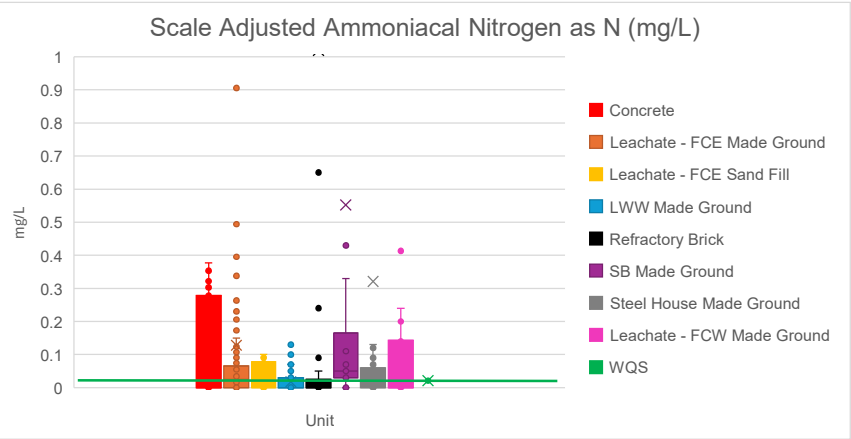
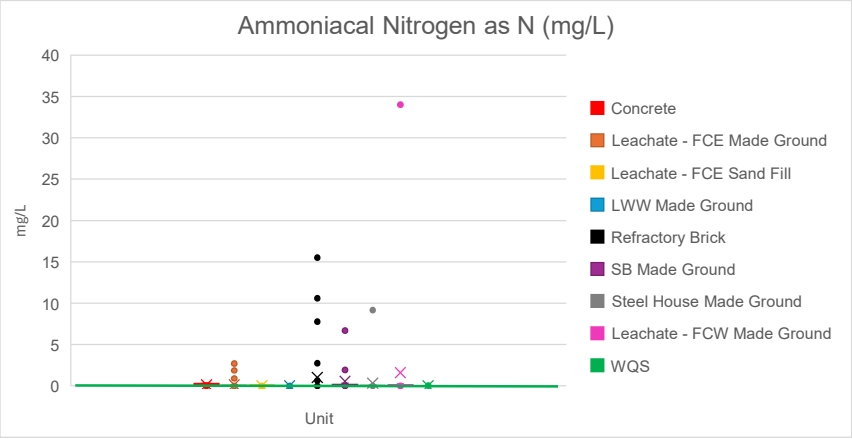
An example plot is shown below:





- Notes**
- FCE Foundry Central East
 - FCW Foundry Central West
 - LWW Land West of Warrenby
 - SB South Bank
 - WQS Water Quality Standard

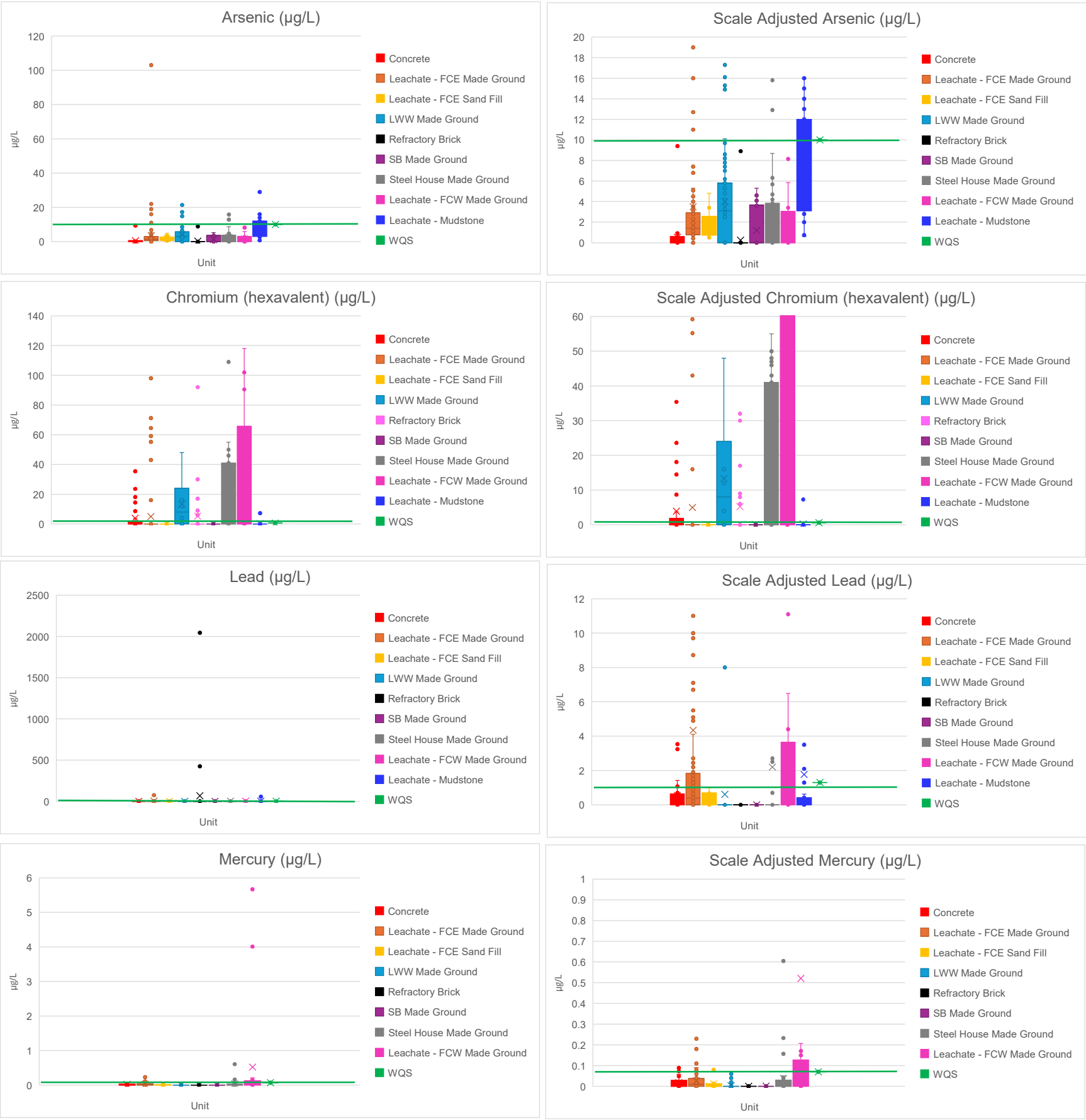
Inorganics



Notes

FCE	Foundry Central East
FCW	Foundry Central West
LWW	Land West of Warrenby
SB	South Bank
WQS	Water Quality Standard

Metals



Notes

FCE Foundry Central East

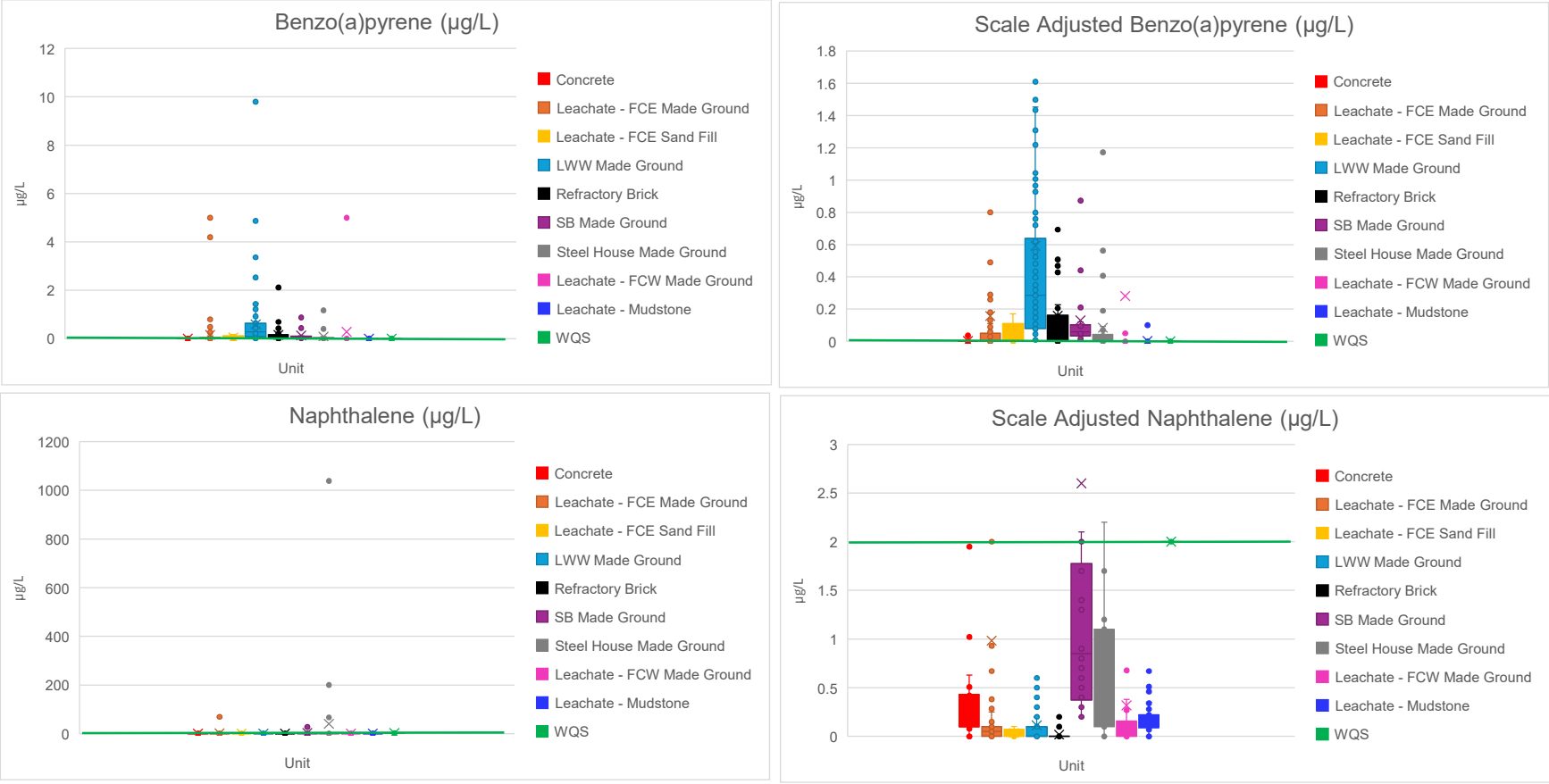
FCW Foundry Central West

LWW Land West of Warrenby

SB South Bank

WQS Water Quality Standard

PAH



Notes

FCE	Foundry Central East
FCW	Foundry Central West
LWW	Land West of Warrenby
SB	South Bank
WQS	Water Quality Standard

Appendix R

Degradation Secondary Evidence

ARCADIS

Hydrocarbons

Hydrogeochemical Parameters			B-BH22S	B-BH11S	B-BH5S	B-BH2S	B-BH1S	B-BH3S
Dissolved Oxygen	(mg/l)		2.61	1.47	1.33	1.44	1.69	1.34
Oxidation-Reduction Potential			-241.1	-250.9	-86.1	-313.4	-353.2	-129.3
CoC Concentrations			B-BH22S	B-BH11S	B-BH5S	B-BH2S	B-BH1S	B-BH3S
TPH (>C5-C35)	(µg/l)		<10	<10	<10	<10	<10	36

Ammoniacal Nitrogen

Hydrogeochemical Parameters			B-BH22S	B-BH11S	B-BH5S	B-BH2S	B-BH1S	B-BH3S
Dissolved Oxygen	(mg/l)		2.61	1.01	1.32	1.44	1.69	1.34
Oxidation-Reduction Potential			-241.1	-250.9	-86.1	-313.4	-353.2	-129.3
Nitrate (as NO-3)	(mg/l)		0.76	<0.3	<0.3	14.3	<0.3	<0.3
CoC Concentrations								
Ammoniacal Nitrogen	(mg/l)		2.51	3.07	5.51	<0.3	<0.2	40.7

Total Cyanide

Hydrogeochemical Parameters			B-BH22S	B-BH11S	B-BH5S	B-BH2S	B-BH1S	B-BH3S
Thiocyanate	(µg/l)		120	260	4560	<50	<50	16100
CoC Concentrations								
Total Cyanide	(µg/l)		19	55.9	27.1	<5	<5	214



February 2024 Data

Figure 8a
Measured Concentrations of Hydrocarbon Contaminants of Concern with Oxidation Reduction Potentials as Recorded at Well Head (February 2024)

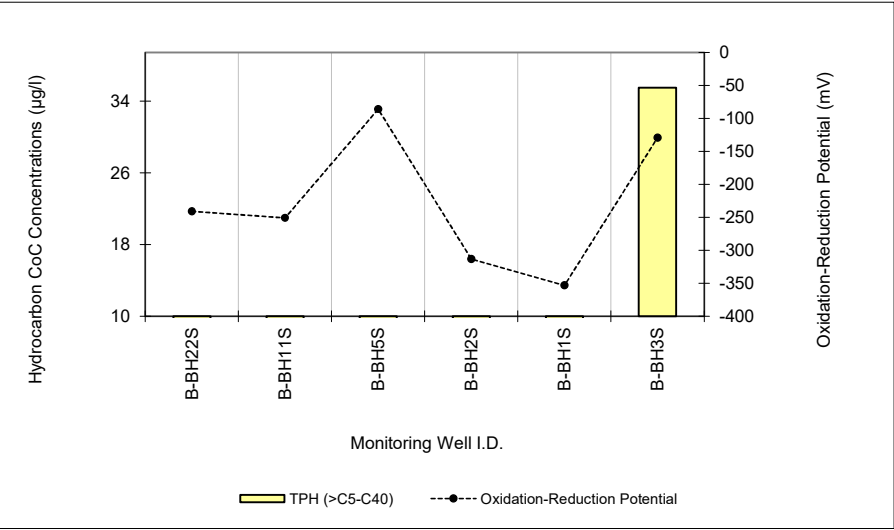


Figure 8b
Measured Concentrations of Hydrocarbon Contaminants of Concern with Dissolved Oxygen Concentrations as Recorded at Well Head (February 2024)

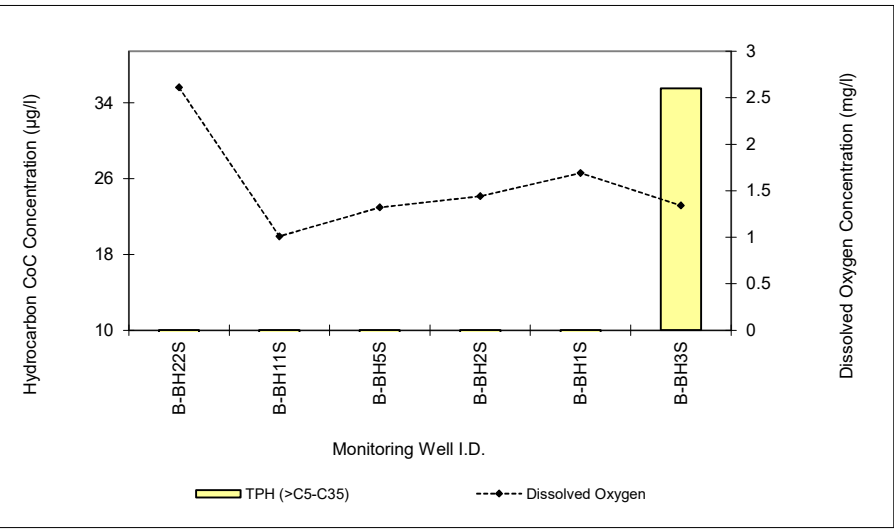


Figure 8c
Measured Concentrations of Ammoniacal Nitrogen Contaminants of Concern with Oxidation Reduction Potentials as Recorded at Well Head (February 2024)

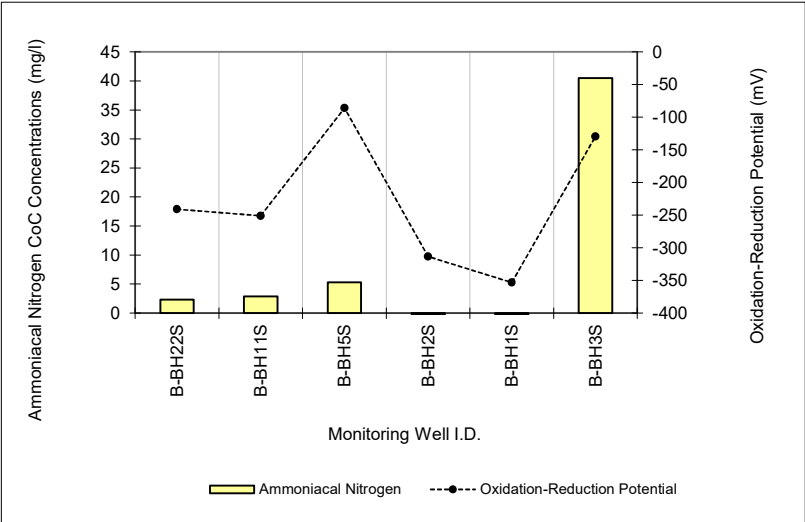


Figure 8d
Measured Concentrations of Ammoniacal Nitrogen Contaminants of Concern with Dissolved Oxygen Concentrations as Recorded at Well Head (February 2024)

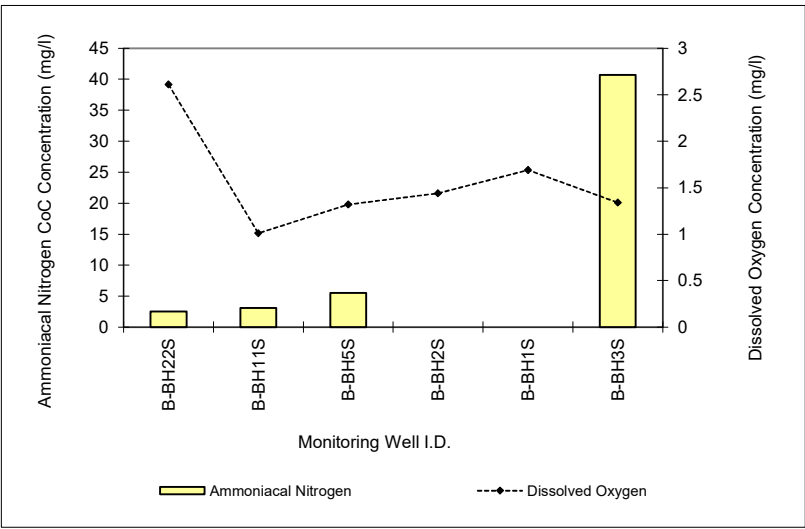


Figure 8e
Measured Concentrations of Ammoniacal Nitrogen Contaminants of Concern with Measured Concentrations of Nitrate (as NO-3) (February 2024)

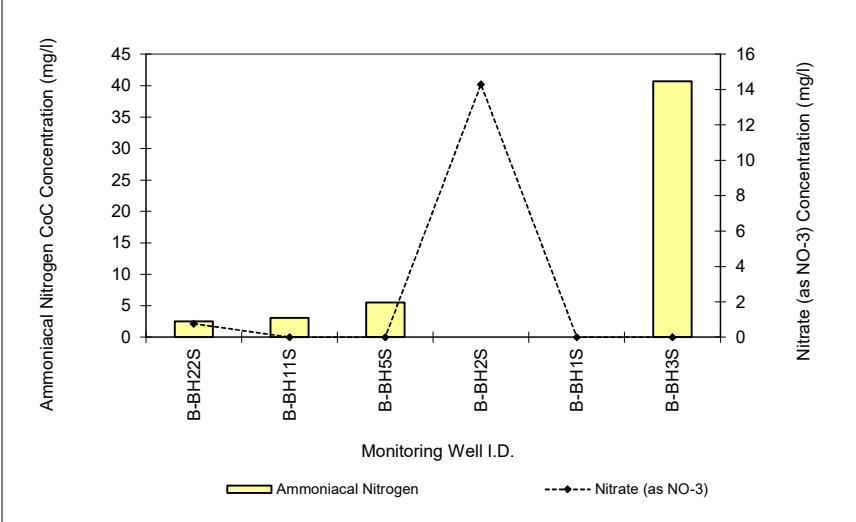
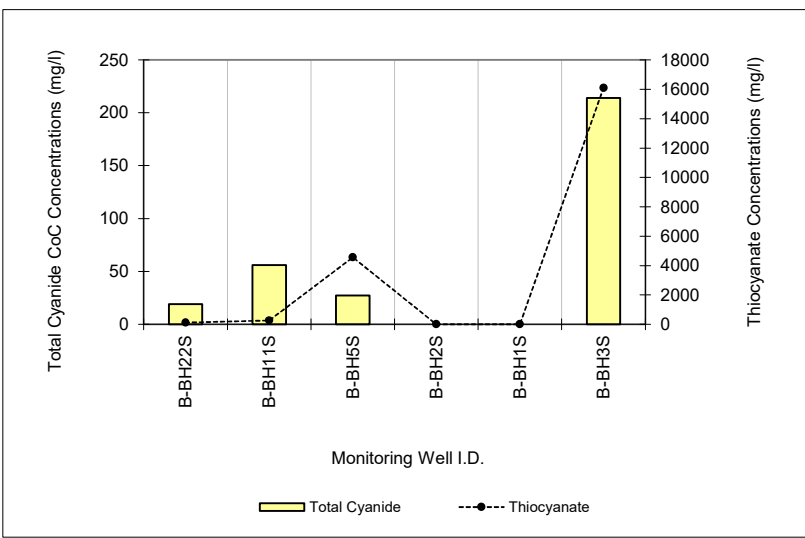


Figure 8f
Measured Concentrations of Total Cyanide Contaminants of Concern with Measured Concentrations of Thiocyanate (February 2024)



Appendix S

Chemical Parameters

Appendix S: Chemical Input Parameter Values

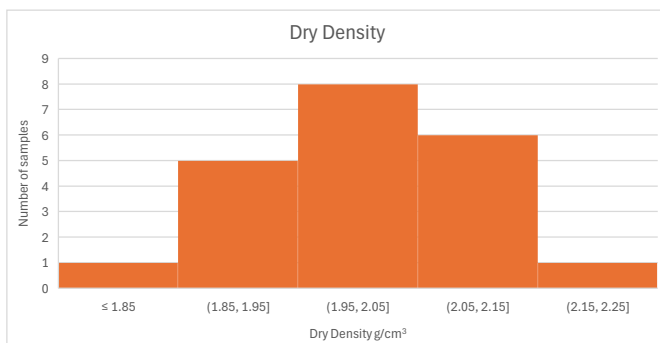
Contaminant	Organic Carbon Coefficient	Henry's Law Constant	Soil Water Partition Coefficient	Justification
Symbol	K _{oc}	H	K _d	
Units	l/kg	Dimensionless	l/kg	
Indicator Compounds				
Benzene	67.6	0.116	Not applicable	EA 2008. SC050021/SR7.
Polycyclic Aromatic Hydrocarbons				
Naphthalene	645.7	0.0066	Not applicable	EA 2008. SC050021/SR7.
Benzo(a)pyrene	1.29 x 10 ⁵	1.76 x 10 ⁻⁶	Not applicable	EA 2008. SC050021/SR7.
Metals				
Arsenic	Not applicable	Not applicable	117 -- 500 (uniform)	ConSim presents a range of values dependent on soil conditions. A value of 117l/kg is report (unspecified conditions) and was considered most appropriate to represent the Made Ground and Tidal Flat Deposits. EA 2015 CLEA Software v1.071 (SC050021/SR3) presents a single value of 500l/kg. These values have been used to define the modelled parameter range and consider the uncertainty due to variability in the materials present.
Chromium (hexavalent)	Not applicable	Not applicable	1 -- 67 (uniform)	Chromium may exist in the environment in a number of oxidation states including the mobile and soluble hexavalent form and less mobile trivalent form. ConSim presents a min of 1l/kg, exp of 67l/kg and max of 4,400 for chromium for sand (unspecified pH) which covers the typical forms of chromium which may be present and consider appropriate for the Made Ground and Tidal Flat Deposits. Given the higher mobility of hexavalent chromium, the low to mid end of the range presented in ConSim have been adopted. This is in line with Sayed M. Hassan & Arthur W. Garrison (1996,) <i>Distribution of chromium species between soil and porewater</i> , which states values in the range of 1-50l/kg for Cr(VI) and 850-5600l/kg for Cr(III), and the single value presented of 8.5l/kg presented within the EA 2015 CLEA Software v1.071 (SC050021/SR3).
Lead	Not applicable	Not applicable	27 -- 270 -- 27000 (log triangular)	EA 2015 CLEA Software v1.071 (SC050021/SR3) presents a single value of 1,000l/kg, while a range is presented within ConSim dependent on soil conditions. The range of values for a sand (unspecified pH, min 27, exp 270 and max 27,000l/kg) were considered appropriate to represent the Made Ground and Tidal Flat Deposits. These values have been used to define the modelled parameter range and consider the uncertainty due to variability in the materials present.
Mercury	Not applicable	Not applicable	450 -- 500 (uniform)	ConSim presents a range of values dependent on soil conditions. The value for a sand (unspecified pH) of 450l/kg was considered appropriate to represent the Made Ground and Tidal Flat Deposits. EA 2015 CLEA Software v1.071 (SC050021/SR3) presents a single value of 500l/kg. These values have been used to define the modelled parameter range and consider the uncertainty due to variability in the materials present.
Inorganics				
Ammoniacal Nitrogen (Nitrogen)	Not applicable	Not applicable	0.4 -- 0.9 (uniform)	Buss, S. R. et al., 2004. <i>A Review of Ammonium Attenuation in Soil and Groundwater, Quarterly Journal of Engineering Geology and Hydrogeology</i> . Range of values for sand and gravel, clayey was adopted.
Cyanide	Not applicable	Not applicable	2.3 -- 8.9 -- 19 (Triangular)	kd values for cyanide vary depending on species with 2.3l/kg to 19l/kg presented by Dzombak et. al, 2006, <i>Physical-Chemical properties and reactivity of cyanide in water and soil</i> . A value of 9.9l/kg is presented in USEPA regional screening levels (accessed online at https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables, 5 November 2024). The kd adopted is based on log kd of 0.95 from Texas Risk Reduction programme PCL 2023 which represents an approximate mid point within the literature values reviewed.

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA
Appendix S: Chemical Input Parameter Values

Contaminant	Half Life	Justification
Symbol	t _{1/2}	
Units	years	
Indicator Compounds		
Benzene	0.86 -- 0.96 -- 1.06 (triangular)	Noble and Morgan, 2002. <i>The Effects of Contaminant Concentration on the Potential for Natural Attenuation</i> . Upper end of the aerobic degradation half lifes adopted. A range of +/- 10% has been modelled to demonstrate parameter sensitivity.
Polycyclic Aromatic Hydrocarbons		
Naphthalene	0.74 -- 0.82 -- 0.90 (triangular)	Noble and Morgan, 2002. <i>The Effects of Contaminant Concentration on the Potential for Natural Attenuation</i> . Upper end of the aerobic degradation half lifes adopted. A range of +/- 10% has been modelled to demonstrate parameter sensitivity.
Benzo(a)pyrene	2.61 -- 2.9 -- 3.19 (triangular)	Howard et al. <i>Handbook of Environmental Degradation Rates</i> , Lewis Publishers Inc. Chelsea, MI (1991). High end of range presented based on "Scientific judgement based on estimated unacclimated aqueous aerobic half life". A range of +/- 10% has been modelled to demonstrate parameter sensitivity.
Metals		
Arsenic	1E+30	Assumed no degradation
Chromium (hexavalent) - Unsaturated Zone	1E+30	Assumed no degradation
Chromium (hexavalent) - Aquifer	0.14 -- 1.4 (log uniform)	N Kumar, 2023, <i>Chromium in Plants and Environment, Speciation, Chemistry, Geogenic Formation and Dispersion of Chromium in Groundwater</i> , provides a degradation rate via precipitation of 50 days in groundwater and the US Department of Health and Human Services Agency for Toxic Substances and Disease Registry provides a degradation rate of between 4 and 140 days. The presence of hexavalent chromium in Made Ground is attributed to weathering of the trivalent chromium within the slag, a process that both requires the presence of manganese (a component within the slag) [Pan <i>et al.</i> 2017 Rates of Cr(VI) generation from Cr(x)Fe(1-x)(OH)(3) upon reaction within manganese oxide] and which tends to increase in ambient air. On entering groundwater, hexavalent chromium maybe precipitated via the presence of magnesium and calcium in a process favoured by alkaline conditions [West, A J & Foster P.P, <i>Environmental Chemistry of Chromium in Groundwater: Precipitation of Calcium Chromate and its influence on Contamination Mitigation</i>] or be reduced into the less soluble Cr(III) oxidation state in the presence of Iron (II) or sulphide in anoxic conditions or soil organic carbon in oxic conditions [Carl D. Palmer* and Robert W. Puls, 1994, <i>Natural Attenuation of Hexavalent Chromium in Groundwater and Soils</i>] and subsequently precipitated. Evidence that the precipitation process is active beneath the Site is provided by a number of detections of hexavalent chromium in leachate, compared to groundwater, where it was typically absent, albeit the MDL of 7µg/l may not identify low level detections of hexavalent chromium. As such, no degradation has been modelled in the unsaturated zone and a conservative degradation rate of 50-5,000days has been modelled in the aquifer.
Lead	1E+30	Assumed no degradation
Mercury	1E+30	Assumed no degradation
Inorganics		
Ammoniacal Nitrogen (Nitrogen)	1 -- 6	Buss, S. R. et al., 2004. <i>A Review of Ammonium Attenuation in Soil and Groundwater, Quarterly Journal of Engineering Geology and Hydrogeology</i> , based on sand and gravel lithology and aerobic conditions.
Cyanide	0.37 -- 0.41 -- 0.45 (triangular)	Review of environmental fate and transport data for cyanide indicates that degradation readily occurs, as discussed in the EA document <i>The Effects of Contaminant Concentration on the Potential for Natural Attenuation</i> (EA, 2002). Degradation rates are variable, with a range in half-life of 1 day to 28 days identified in the literature review presented in EA, 2002 for different cyanide species. A conservative half-life value of 150 days has been selected. This is based on a value of 15 days with a safety factor of 10 applied. The 15 day half-life is discussed in the Joint Assessment of Commodity Chemicals (JACC) document Cyanides of Hydrogen, Sodium and Potassium, and Acetone Cyanohydrin (JACC, 2007) for water and in line mid-range values from EA reviewed literature. A range of +/- 10% has been modelled to demonstrate parameter sensitivity.

Appendix T

Physical Parameter Histograms

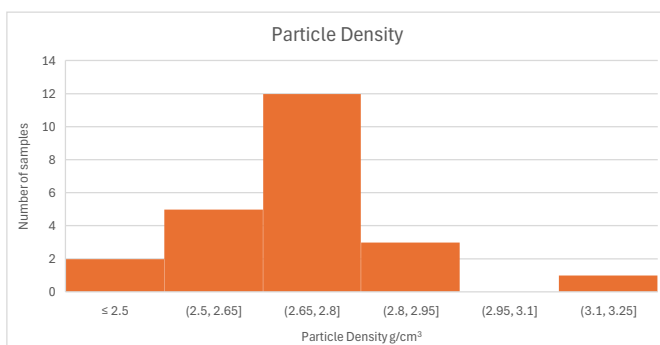


Dry Density Data

Based on 21 samples of Made Ground. Samples obtained from stockpiles during validation sampling at the adjacent Land West of Warrenby site.

A mean of 2.0g/cm^3 was calculated

Values ranged from 1.7 to 2.2g/cm^3 and typically between 1.8 to 2.2g/cm^3

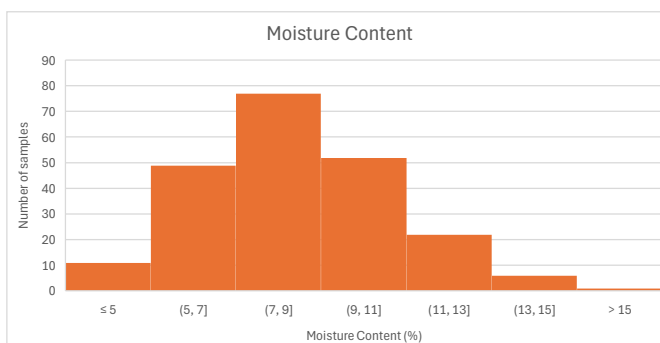


Particle Density Data

Based on 23 samples of Made Ground. Samples obtained from stockpiles during validation sampling at the adjacent Land West of Warrenby site.

A mean of 2.7g/cm^3 was calculated

Values ranged from 2.37 to 3.15g/cm^3 and typically between 2.7 to 2.9g/cm^3



Moisture Content Data

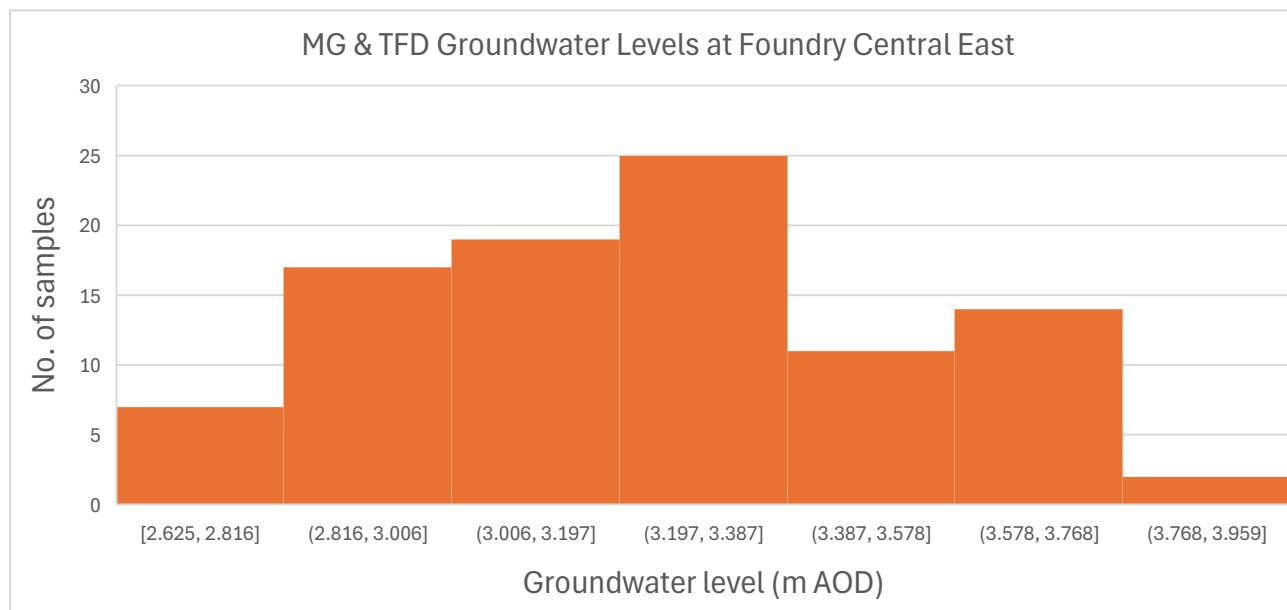
Based on 218 samples of Made Ground. Samples obtained from stockpiles during validation sampling at the adjacent Land West of Warrenby site.

A mean of 8.6% was calculated

Values ranged from 3.1 to 22% . The histogram suggests the value of 22% is an outlier. The minimum has been set at 3.1% , the most likely value at the average of 8.6% and the maximum at 15% .

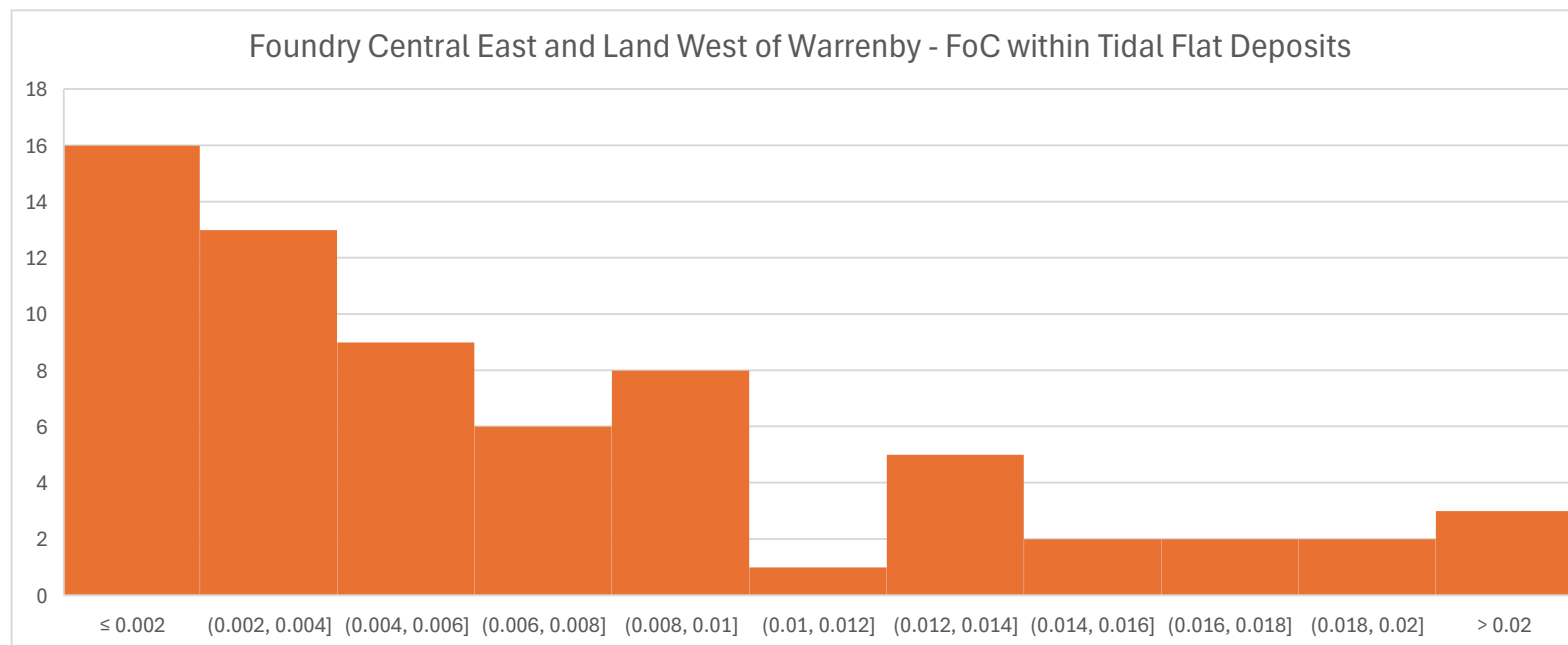
Note

The potential recovered materials have been considered as seven material types in the HRA. The majority of materials are slag-rich Made Ground. Other components include brick and concrete, which are also components within the slag-rich Made Ground itself. As such, use of data from slag-rich Made Ground is appropriate for assigning recovered material characteristics.



Based on 95 groundwater level readings from boreholes at the Site screened in the Made Ground and Tidal Flat Deposits. The histogram generally shows a triangular distribution.

The minimum value recorded was 2.63m AOD, the mode groundwater level was calculated to be 2.85 m AOD and the maximum groundwater level calculated to be 3.96m AOD.



FoC Data

Based on 21 samples of the granular component of Tidal Flat Deposits from the adjacent Land West of Warrenby (LWoW DQRA, 10035117-AUK-XX-XX-RP-ZZ-0428-03-LWoW_DQRA) and 46 from Foundry Central East. Samples obtained during intrusive investigation. Laboratory analysis was reported as soil organic matter. Soil organic matter has been converted to a fraction of organic carbon by multiplying by 0.0058. The data excludes samples in which higher levels of hydrocarbon contamination were identified. These were defined as samples containing sum Polycyclic Aromatic Hydrocarbons greater than 1 mg/kg. The minimum value chosen is 0.0018 (- 10% of the typical method detection limit of 0.002 for Made Ground). The maximum value chosen is 0.016 as 90% of values are less than 0.016.

Appendix U

ConSim Modelling Sensitivity Output

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA
Appendix U - ConSim Sensitivity

Input Parameter	Sensitivity	
Compliance Point	Site Boundary	
Source Parameters		
Concentration	0.34	Medium
Dry Bulk Density (g/cm ³)	-0.012	Low
Infiltration (mm/yr)	0.037	Low
Unsaturated Parameters		
Unsaturated Conductivity (m/s)	0.049	Low
Dry Bulk Density (g/cm ³)	0.0039	Low
Water Filled Porosity	-0.011	Low
Thickness (m)	-0.081	Low
Partition Coefficient	-0.0006	Low
Vertical Dispersivity (m)	0.015	Low
Aquifer Parameters		
Thickness (m)	-0.052	Low
Hydraulic Conductivity	-0.044	Low
Hydraulic Gradient	0.054	Low
Effective porosity	-0.033	Low
Bulk density	0.031	Low
Half-life	0.19	Medium
Partition Coefficient	-0.025	Low
Compliance Point	Bran Sands Lagoon	
Source Parameters		
Concentration	0.092	Low
Dry Bulk Density (g/cm ³)	0.069	Low
Infiltration (mm/yr)	0.039	Low
Unsaturated Parameters		
Unsaturated Conductivity (m/s)	-0.004	Low
Dry Bulk Density (g/cm ³)	0.019	Low
Water Filled Porosity	0.032	Low
Thickness (m)	0.047	Low
Partition Coefficient	-0.0032	Low
Vertical Dispersivity (m)	-0.035	Low
Aquifer Parameters		
Thickness (m)	-0.094	Low
Hydraulic Conductivity	0.052	Low
Hydraulic Gradient	-0.06	Low
Effective porosity	-0.0032	Low
Bulk density	0.019	Low
Half-life	0.35	Medium
Partition Coefficient	0.049	Low

For the sensitivity analysis, values can range between -1 and 1. The value of 1 demonstrates a linear positive correlation between the input parameter and the output, whereas the value of -1 demonstrates a linear negative correlation. A value close to 0 demonstrates that the parameter has little sensitivity, as a change in the parameter has little effect on the output.

Sensitivity presented for hexavalent chromium. At site boundary, sensitivity of concentrations at 1,800yrs is presented. At Bran Sands Lagoon, sensitivity at 6,000yrs (Bran Sands 1) is presented. 1,8000 and 6,000yrs represented the timeslices for respective maximum predicted concentrations

Appendix V

Compliance Criteria

10047374-AUK-XX-XX-RP-ZZ-1038-01-Foundry Central East HRA

Appendix V: Compliance Criteria

Analyte	Determined as Hazardous Pollutant	Critical Concentrations			Units
		Drinking Water Standard (DWS)	Environmental Water Standard (EQS) ¹	Limit of Quantification (Minimum Reporting Value)	
Metals					
Arsenic	Yes	10	25 ^{AA}	5	µg/L
Chromium (hexavalent)	Yes	50	0.6 ^{AA} (32) ^{MAC}	1	µg/L
Lead	Yes	10	1.3 ^{AA} (14) ^{MAC}	0.2	µg/L
Mercury	Yes	1	0.07 ^{MAC}	0.02	µg/L
Inorganics					
Ammoniacal Nitrogen as N	No	0.5 ²	0.021	n/a	mg/l
Cyanide Total	No	50	1	n/a	µg/L
Polycyclic Aromatic Hydrocarbons					
Naphthalene	No	2 ³	2	n/a	µg/L
Benzo(a)pyrene	Yes	0.01	0.00017	0.02	µg/L
BTEX					
Benzene	Yes	1	8	0.2	µg/L

1 - Estuaries and Coastal EQS

2 - As ammonium

3 - EQS adopted in the absence of drinking water standard

AA - Annual Average

MAC - Maximum Allowable Concentration

n/a - Not applicable. Not identified as a hazardous pollutant.

Not applicable as hazardous substance

EQS - [https://www.gov.uk/guidance/surface-water-pollution-risk-assessment-for-your-environmental-permit-or-Water-Framework-Directive-\(Standards-&-Classification\)-Directions-\(England-&-Wales\)-2015](https://www.gov.uk/guidance/surface-water-pollution-risk-assessment-for-your-environmental-permit-or-Water-Framework-Directive-(Standards-&-Classification)-Directions-(England-&-Wales)-2015), for "Other surface waters". See Appendix N for clarity.

DWS - The Water Supply (Water Quality) Regulations 2016