VIRTUS HOLDCO LIMITED

SITE CONDITION REPORT

Virtus Slough Campus (London 3, London 4 & London 10 Data Centres)

SCR/001
APRIL 2022

PUBLIC

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Virtus Slough Campus (London 3, London 4 & London 10 Data Centres)

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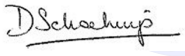
Signature	 Digitally signed by Schoehuys, Derek (UKDPS001) Reason: I am approving this document Date: 2022.04.22 14:40:01 +01'00'			
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1 INTRODUCTION

1.1 AUTHORISATION

On the instruction of VIRTUS HOLDCO LIMITED (hereafter referred to as “Virtus”), a Site Condition Report (SCR) has been compiled for the London 3 (LON3), London 4 (LON4) and London 10 (LON10) Data Centres located within the Slough Trading Estate west of London (hereafter referred to as the “Virtus Slough Campus”).

1.2 BACKGROUND INFORMATION

The Data Centres are connected to the local electricity transmission network via multiple grid connections.

The nature of the Data Centres and the requirement to always have an available energy supply has resulted in the installation of ultra-low sulphur diesel-fired standby generators at the Virtus Slough Campus. The full complement installation numbers of standby generator engines and fuel oil storage tanks to be located at the Virtus Slough Campus is included in Table 1-1.

Table 1-1 – Virtus Slough Campus Standby Generators and Fuel Oil Storage Tanks

Data Centre	Generator Make/Model	Quantity Generator Sets		Net Power Output (kWe Each)	Maximum Thermal Input (Input total MW thermal)	Dedicated Bulk Fuel Oil Day Tanks	
		Installed	Designed			Fuel Type	Fuel Storage for Each Generator (maximum capacity in litres)
LON3	AVK DS2500	6	6	1,850.00	30.86	Ultra low sulphur diesel	23,500.00
LON4 (High Voltage)	AVK XC3300	5	5	2,400.00	34.29		33,600.00
LON4 (Low Voltage)	CAT 3516C-HD	10	11	2,200.00	69.14		26,300.00
LON4 (Low Voltage)	CAT 3516B	0	3	2,000.00	17.14		25,000.00
LON10	AVK DS2500	5	5	1,850.00	25.71		24,384.00
TOTAL		26	30		**177.14**		**795,220.00**

The Data Centres are operated independently but managed under a common management system and management structure as other Virtus Data Centres across North London.

The generators will provide power to each Data Centre in the event of an emergency situation such as a failure of the local electricity transmission network, or an internal component failure requiring disconnection from the grid. During such events there is a potential for a delay between fault detection and initial operation of these back-up generators; hence the initial uninterruptible power supply is provided by on-site battery arrays in order to cover this 'time gap' and the consequent loss or reduction in the power supply to the data servers.

The total rated thermal input (under standby power operating conditions) of all generators across the Virtus Slough Campus will be 177.14 MWth on completion and, as such, will be required to be operated as a Part A1 combustion activity installation under an Environmental Permit as per the Environmental Permitting (England and Wales) Regulations 2016, as amended.

As part of the Environmental Permit application process, this Site Condition Report (SCR) has been prepared to provide information on the previous and current condition of the land and groundwater at the Virtus Slough Campus. This will be a 'live' document and will be updated during the lifetime of the installation and used to inform the surrender SCR at the time of installation closure.

This SCR has been developed in accordance with the Environment Agency Guidance Note H5 (Site Condition Report – Guidance and Templates), Version 3.0, April 2013.

1.3 OBJECTIVES OF THE SITE CONDITION REPORT (SCR)

The SCR comprises a desk-based research of private and public domain information along with a site visit and a review of current site operations. The objectives of this SCR include:

- Provide information on current and proposed site activities and site condition;
- Establish the environmental setting and land pollution history for the site;
- Identify activities that are conducted at the installation which may cause pollution of the land and / or groundwater;
- Identity and assess the preventative measures that are in place and will be put in place to protect the land and / or groundwater;
- Assess whether there is a risk to the land and / or groundwater beneath the site and potential for impact from existing and proposed site activities; and,
- Be sufficient to form the basis of any required further work to establish baseline conditions.

1.4 SCOPE OF WORK

The SCR considered the following elements:

- A desk-study including a review of existing reports, Landmark Envirocheck report, site history, local geology, hydrogeology and hydrology as well as historical Ordnance Survey maps; and,
- Discussions and site walkover with Virtus personnel, namely Danial Burgon and Hussain Chaudry (February 2019).

2 SITE DETAILS

2.1 SITE DETAILS

INSTALLATION ADDRESS

The installation address for the LON3 Data Centre is:

16 Liverpool Road

Slough Trading Estate

Slough

SL1 4QZ

The OS National Grid Reference of the approximate centre of the LON3 Data Centre is SU 95723 81248.

The installation address for the LON4 Data Centre is:

14 Liverpool Road

Slough Trading Estate

Slough

SL1 4QZ

The OS National Grid Reference of the approximate centre of the LON4 Data Centre is SU 95733 81337.

The installation address for the LON10 Data Centre is:

75 Buckingham Avenue

Slough Trading Estate

Slough

SL1 4PN

The OS National Grid Reference of the approximate centre of the LON10 Data Centre is SU 95778 81181.

SITE LOCALITY

The Virtus Slough Campus is located within the Slough Trading Estate, approximately 3 km north-west of Slough town centre. The Trading Estate dominates a large area of the town and is well located with the Bath Road (A4) to the south providing access to the M4 motorway and the Farnham Road (A355) to the east. The Estate is also bisected by the London (Paddington) to Bristol Railway Line (www.slough.gov.uk). The Estate comprises a wide variety of business, industrial and warehouse uses.

DESCRIPTION OF THE SURROUNDING AREA

The Virtus Slough Campus is surrounded by a number of business, industrial and warehouse uses which form part of the Slough Trading Estate. Residential areas border the Estate boundary in all directions. Alongside residential properties, these areas consist of typical residential amenities including schools and other educational facilities, supermarkets / grocers, sports and community centres, retail facilities and some restaurants. The closest residential receptors are located approximately 150 m north-east of the Campus.

2.2 TOPOGRAPHY

The Virtus Slough Campus is generally level. The engine enclosure areas have a slight gradation from the outside edges towards a central surface water drain.

2.3 INSTALLATION LAYOUT

The Virtus Slough Campus incorporates a single installation comprising one stationary technical unit (STU) made up of multiple generator engine sets and associated fuel oil storage tanks.

The installation comprises three data centres referred to as LON3, LON4 and LON10. LON3 (7.2MW IT load) has its full capacity of 6 (six) diesel-fired standby generators installed. LON4 (27MW IT load) has 5 (five) engines for HV generation installed and 10 (ten) LV generators installed with a further 4 (four) ordered and awaiting commissioning to meet its full design capacity. LON10 (6.6MW IT load) has its full capacity of five engines installed.

The LON3, LON4 and LON10 layouts are provided in Appendix A.

3 CONDITION OF THE LAND AT PERMIT ISSUE

Information was obtained from both private and public sources including previous geo-environmental assessments and Landmark Envirocheck Report, dated February 2022. The data obtained from various sources is referenced in Tables 3-1 below.

Table 3-1 – Public Domain Information

Document/ Resource Title	Information Obtained
Historical Ordnance Survey Plans (where these were available in previous reports)	Information relating to: o Historical land use of site o Historical land use of surrounding area
Landmark Envirocheck Report, February 2022	Environmental data relating to: o Operational and non-operational landfills o Abstraction licenses (groundwater and surface water) o Chemical releases o Discharge consents o EPR Authorisations o Pollution Incidents o Operational and non-operational scrap yards and waste transfer / treatment sites o Current industrial land uses o Geology and hydrogeology o Statutory records and authorisations o Borehole and trade directory entries o Flood risk o Protected sites, habitats and species
British Geological Survey Website http://www.bgs.ac.uk/mineralsuk/planning/resource.html#MRM	Mineral extraction data
Geology of Britain Viewer	Geology
Environment Agency Website (What's in Your Back Yard?) http://apps.environment-agency.gov.uk/wiyby/	Environmental data relating to: o Flood risk o River quality surveys
Natural England MAGIC Website http://www.magic.gov.uk/	Environmental data relating to: o Protected sites, habitats and species o Flood risk

Post Construction Environmental Audit, WSP, 2012 35168_121212PSREP_EdinburghPCA_V1.3)	LON4 Data Centre: o Previous geo-environmental assessments o Identify remaining hazards
Post Construction Environmental Audit, Delta-Simons Environmental Consultants Limited, Project No. 18-0935.01	LON3 Data Centre: o Previous geo-environmental assessments o Identify remaining hazards
Phase I and II Geo-Environmental Assessment, Delta-Simons Environmental Consultants Limited, Project No. 18-0144.01	LON10 Data Centre: o Previous geo-environmental assessments o Identify remaining hazards

3.1 ENVIRONMENTAL SETTING

GEOLOGY

The Geology of Britain Viewer (displaying BGS data) indicates that the Virtus Slough Campus is underlain by superficial deposits of clay and silt (Langley Silt Member). The underlying solid bedrock geology comprises the Lambeth Group – clay, silt and sand.

The WSP, 2007, Phase I and II Environmental Risk Assessment (Ref: 12041233/001) confirmed that the ground conditions encountered in the exploratory holes correspond broadly to the anticipated geological sequence as described in the British Geological Survey map. A summary of the ground conditions encountered within the exploratory holes is presented in Table 3-2.

Table 3-2 – Summary of Ground Conditions

Stratum Description	Typical Thickness (m)	Depth to Top of Strata (mbgl)
Topsoil*: Grass-covered orange-brown slightly gravelly sandy clay with rootlets or a brown gravelly silt sand with rootlets.	0.20 – 0.30	Ground Level
Hardstanding*: Concrete or tarmac and dry-mix concrete sub-base.	0.10 – 0.80	Ground Level
Made Ground*: Generally encountered as a brown gravelly sand fill, occasionally clayey, with gravel of brick, concrete and flint. Occasional clinker.	0.1 – 0.9	0.1 – 0.3
Langley Silt: Soft to firm orange-brown CLAY to CLAY/SILT, occasionally with rare fine to medium subrounded flint gravel.	0.1 – 2.5	0.2 – 0.8
Taplow Gravels: Granular and cohesive drift deposits: Orange-brown sandy gravelly CLAY, sandy GRAVELS, occasionally clayey, or gravelly SANDS. Gravels are of fine to medium, occasionally coarse, subrounded to subangular flint.	3.8 – 4.3	0.7 – 3.2

Lambeth Group: Mottled brown-grey or brown CLAY. Thin clayey SAND layer encountered along Lambeth Group/River Terrace Deposit interface.	Not determined	7.0 – 7.4

* Not present at all locations

HYDROGEOLOGY

Groundwater vulnerability data provided by the Environment Agency within the Landmark Envirocheck Report dated February 2022 indicates that the Superficial Langley Silt Deposits are classified as Unproductive Strata and the Lambeth Group is classified as a Secondary A Aquifer.

The Virtus Slough Campus is located within a Zone 3 (total catchment) groundwater Source Protection Zone.

There are no groundwater abstractions located on the Virtus Slough Campus. Six licensed groundwater abstractions are located within 1 km of the Virtus Slough Campus (Table 3-3).

Table 3-3 – Licensed Groundwater Abstractions within 1 km of the Virtus Slough Campus (Landmark Envirocheck, 2022)

Licensee	Details	Abstraction Point	Approximate Distance (m)	Direction
Aeroserve Euro Limited	Industrial; Commercial and Public Services: Laundry Use	Groundwater	119	East
Equinix (UK) Ltd	Other industrial / commercial / public services: evaporative cooling	Groundwater	436	West
Aeroserve Euro Limited	Industrial; commercial and public services: laundry use	Groundwater	588	South-East
Slough Energy Supplies Ltd	Private water undertaking: general use	Groundwater	810	North-West
Unilever UK Limited	Other industrial / commercial / public services: non-evaporative cooling	Groundwater	830	South-West
Equinix (UK) Ltd	Other industrial / commercial / public services: evaporative cooling	Groundwater	881	West

HYDROLOGY

The Chalvey Ditches at Slough (heavily modified water body) flows in a south-easterly direction passing the western boundary of the Slough Trading Estate. The Salthill Stream (heavily modified water body) flows in a southerly direction approximately 0.65 km from the eastern boundary of the Estate. These river water bodies confluence near the Eton College Golf Course before joining the River Thames (Cookham to Egham) (Figure 3-1).

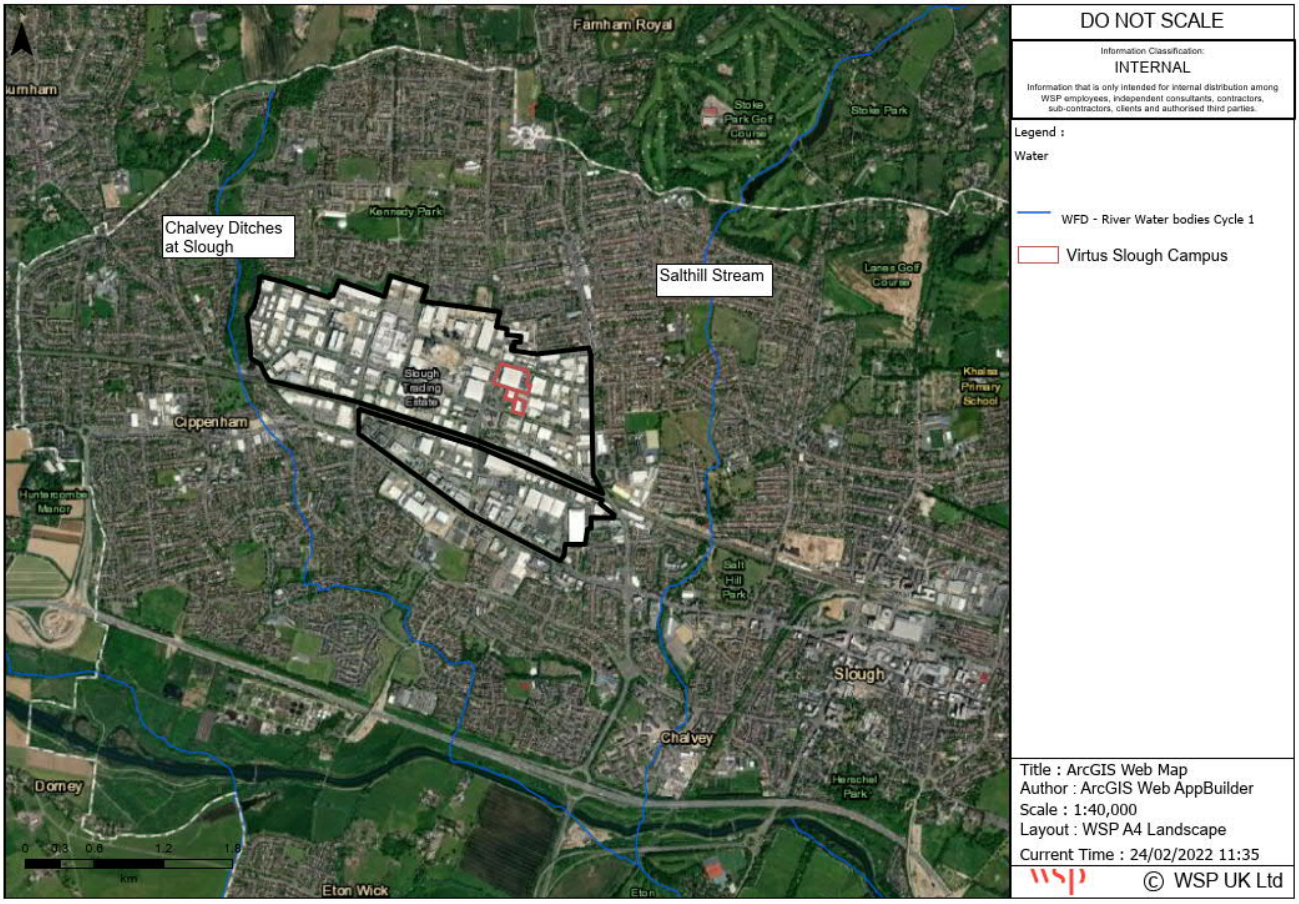

Figure 3-1 - Surface Water Features

The Landmark Envirocheck Report dated February 2022 indicates that there is one surface water feature within 1 km of the Virtus Slough Campus (Table 3-4).

Table 3-4 – Surface Water Features within 1 km of the Virtus Slough Campus (Landmark Envirocheck, 2022)

Surface Water Feature	Approximate Distance (m)	Direction	National Grid Reference
Un-named feature	572	South-East	496221; 180837

The Landmark Envirocheck Report indicates that there are no surface water abstractions within 1 km of the Virtus Slough Campus.

FLOOD RISK

The Environment Agency's indicative Flood Zones map of the Virtus Slough Campus and nearby areas depicts that the Campus is located within Flood Zone 1, an area with a low probability of flooding (Figure 3-2).

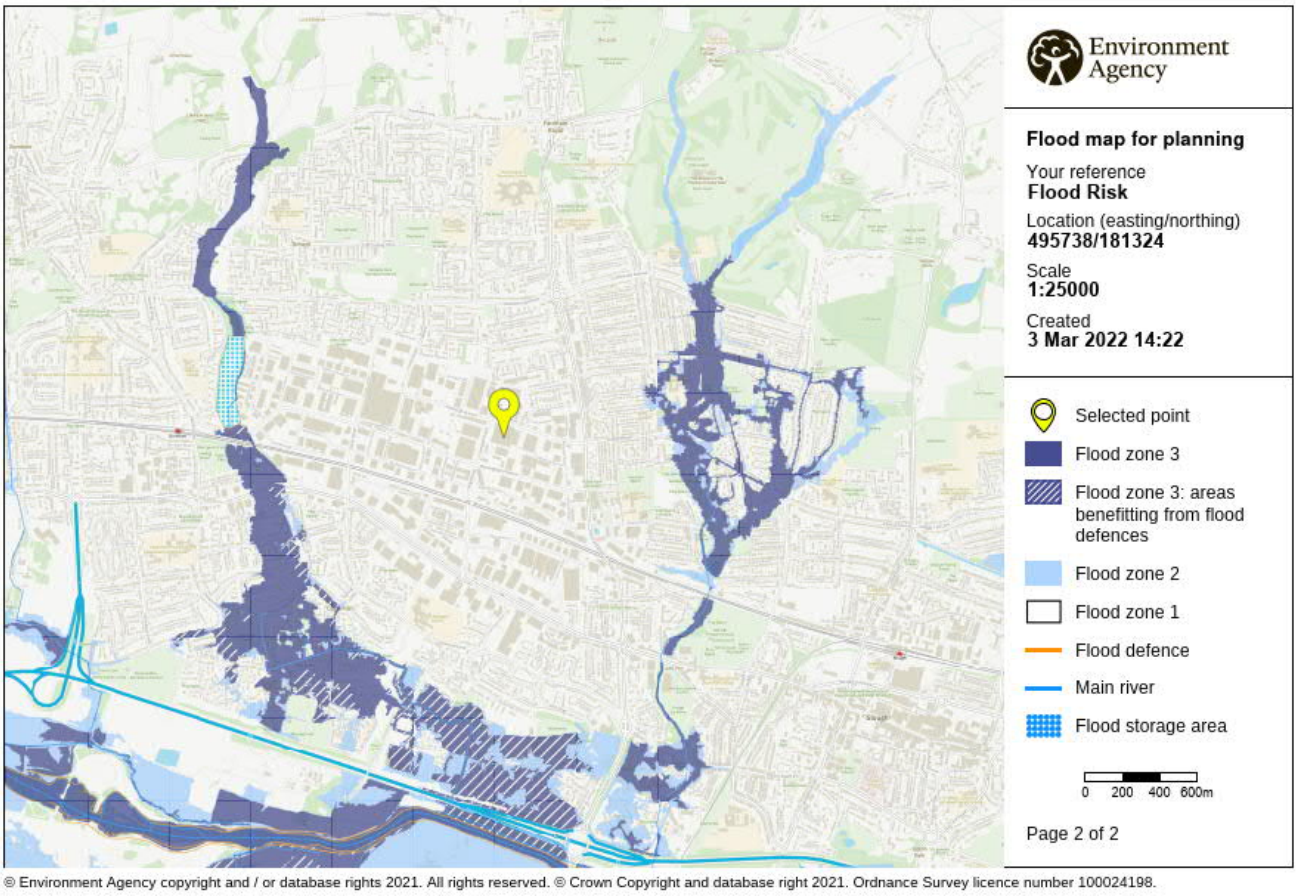

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Figure 3-2 - Flood Zones (Environment Agency, 2022)

NATURE AND HERITAGE CONSERVATION

A nature and heritage conservation screening report dated 24/03/2022 was provided by the Environment Agency. Table 3-5 outlines the nature and heritage conservation sites identified within a screening distance from the Virtus Slough Campus. These are presented in Figure 3-3 and Figure 3-4 respectively.

Table 3-5 – Nature and Heritage Conservation Sites (Environment Agency, 2022)

Designations	Screening Distance (km)	Nature and Heritage Conservation Sites	Figure Reference
Special Areas of Conservation	10	Burnham Beeches	Figure 3-3
		Windsor Forest & Great Park	
Special Protection Area	10	South West London Waterbodies	
Ramsar	10	South West London Waterbodies	
Local Nature Reserves	2	Cocksherd Wood	

		Haymill Valley	
Local Wildlife Sites	2	Railway Triangle (off Stranraer Gardens)	Figure 3-4
		Wet Woodland next to Farnham Park Golf Course	
		Haymill Valley	
		Cocksherd Wood	

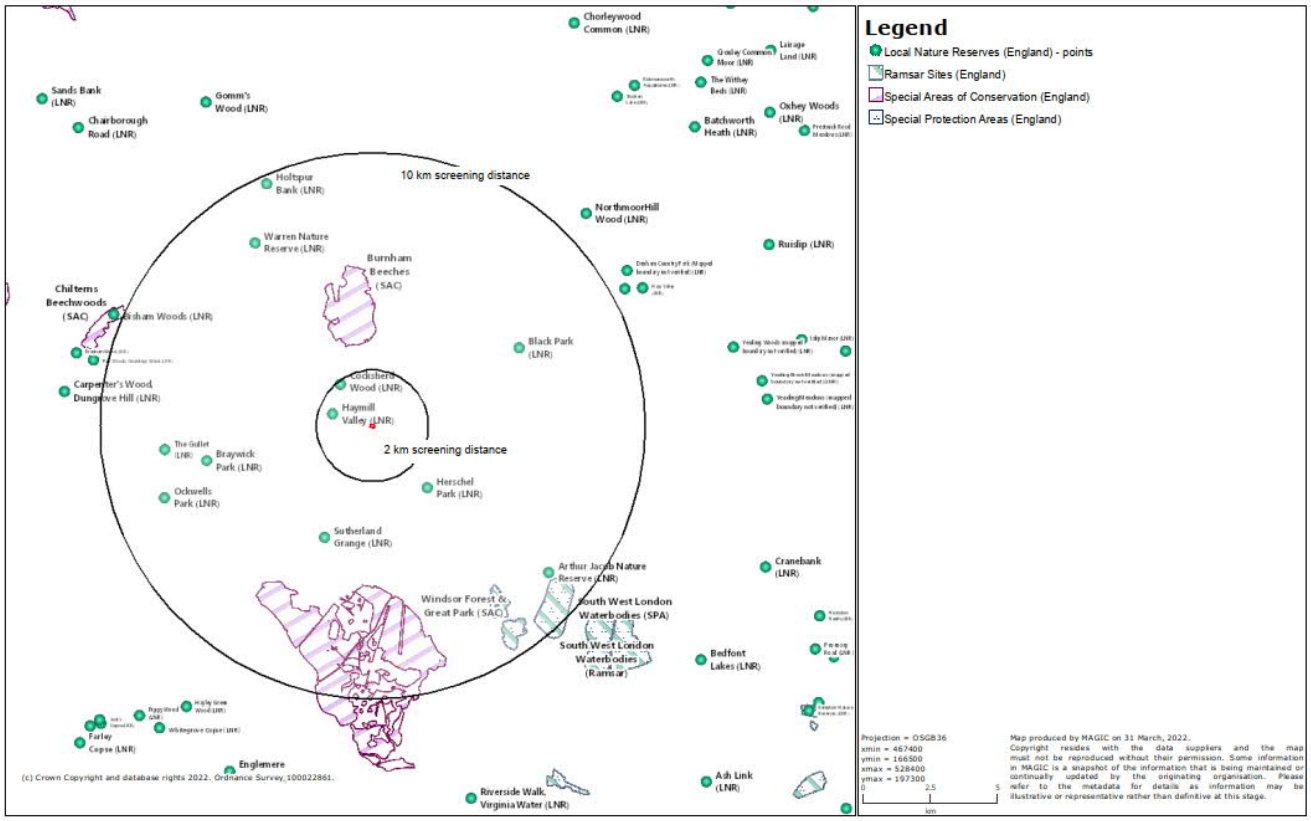

Figure 3-3 - Nature and Heritage Conservation Sites (magic.defra.gov.uk, 2022)

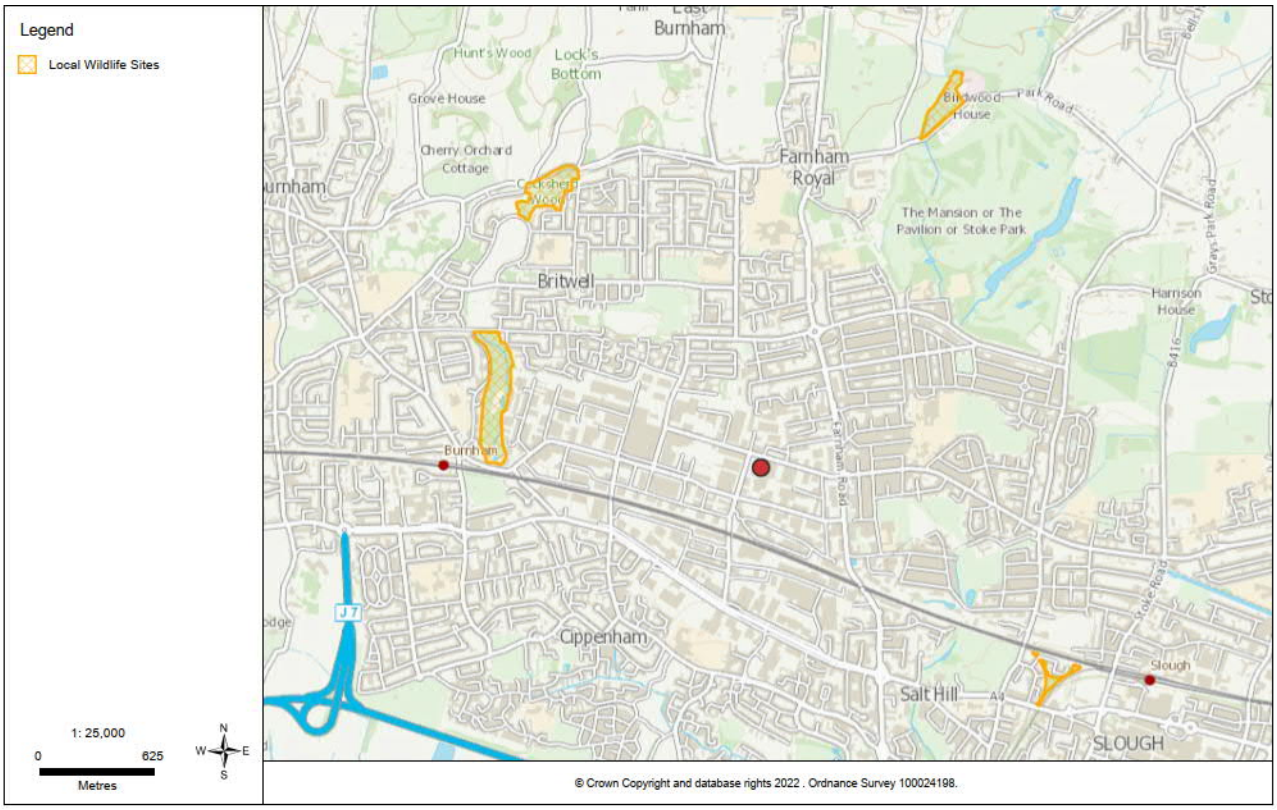

Figure 3-4 - Local Wildlife Sites (Environment Agency, 2022)

Seventeen Sites of Special Scientific Interest have been identified within a screening distance of 10 km from the Virtus Slough Campus (Figure 3-5). These include the following:

- Windsor Forest and Great Park;
- Wraysbury No. 1 Gravel Pit;
- Wraysbury & Hythe End Gravel Pits;
- Wraysbury Reservoir;
- Chawridge Bourne;
- Bray Pennyroyal Field;
- Great Thrift Wood;
- Bray Meadows;
- South Lodge Pit;
- Cannoncourt Farm Pit;
- Cock Marsh;
- Littleworth Common;
- Burnham Beeches;
- Stoke Common;
- Black Park;
- Kingcup Meadows and Oldhouse Wood; and,
- Old Rectory Meadows.

There is 1 Nitrate Vulnerable Zone within a screening distance of 10 km (Figure 3-5), namely Roundmoor Ditch and Boveney Ditch. The screening report indicated that there is a protected

species, namely Bullhead located within a screening distance of up to 500 m from the Virtus Slough Campus.

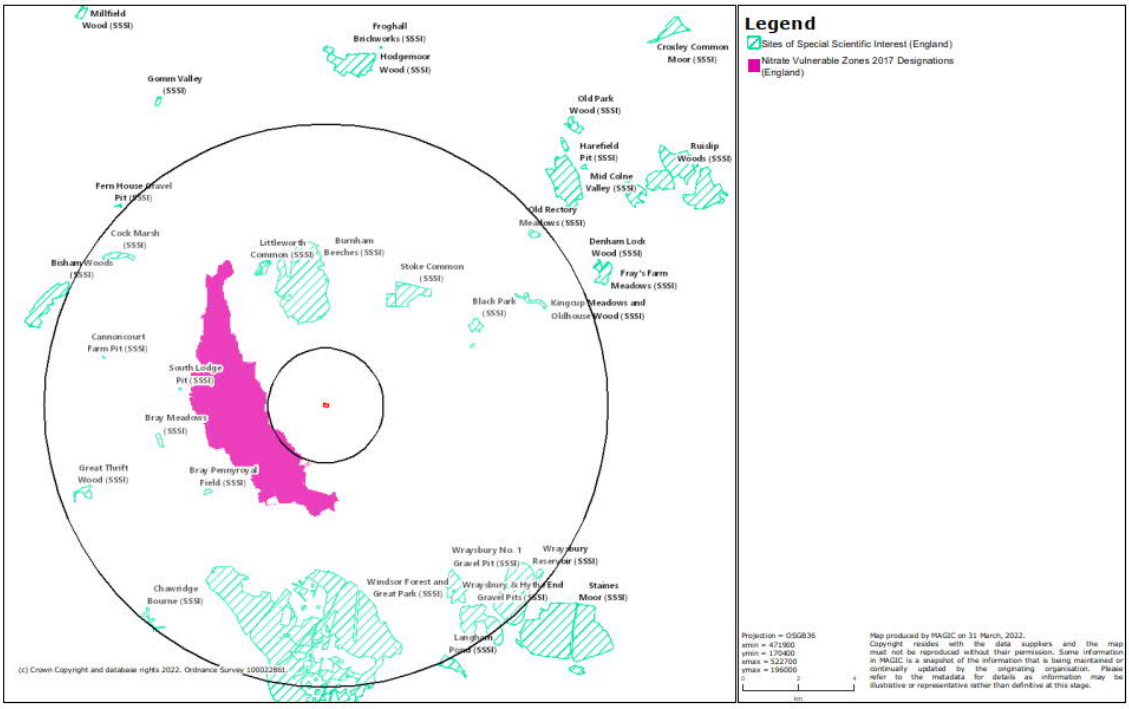

Figure 3-5 – Sites of Special Scientific Interest and Nitrate Vulnerable Zone (magic.defra.gov.uk, 2022)

3.2 POLLUTION HISTORY

HISTORICAL LAND USE AND ASSOCIATED CONTAMINANTS

To determine the history of the Virtus Slough Campus and surrounding areas, the following sources have been consulted:

- Historical Ordnance Survey Maps and Aerial photographs dating from 1876 to 2021 (Landmark Envirocheck, 2022);
- Post Construction Environmental Audit, WSP, 2012 (35168_121212PSREP_EdinburghPCA_V1.3);
- Post Construction Environmental Audit, Delta-Simons Environmental Consultants Limited, 2018, Project No. 18-0935.01; and,
- Phase I and II Geo-Environmental Assessment, Delta-Simons Environmental Consultants Limited, 2018, Project No. 18-0144.01.

Historical Ordnance Survey Maps and Aerial Photographs, Landmark Envirocheck, 2022

- Site History

The Site history has been interpreted from Ordnance Survey Country Series and Ordnance Survey Plan (1:2,250) of the area between 1876 to 1995, along with an aerial photograph from 1999.

The 1876 map shows that the Site comprised fields with some non-coniferous trees located along the field margins to the north of the Site. The 1899 map shows no real signs of any significant development, although the non-coniferous trees appear to have been removed and a boundary line present along the western side of the Site with an antiquity marking.

The 1924 map is the first map which shows the development of Slough Trading Estate with several roads and railway lines traversing the Estate. A motor works facility is located on the Site with railway lines bordering the northern and southern Site boundary. A cable and rubber works facility is located west of the Site. Brick works is located east north-east of the Site. An orchard is located north-east of the Site representing signs of residential settlement beginning to develop on the outskirts of the trading estate. There are several clay pits located to the north of the Site.

Further development of the Estate is evident in the 1932 map. These include Mop and Polish Works to the north, Preserving Works to the south-west, Piston Ring Works and Aspro Works to the south and an Engineering Works and several smaller industrial facilities to the south-east. A more formalised residential settlement to the north-east is evident with a nearby bowling green and sports ground. A sports ground is evident directly east of the Site. Rough pasture is evident on the eastern portion of the Site and immediately north of the Site.

The 1955-1956 Ordnance Survey Plan illustrated the significant expansion of the Trading Estate with industrial facilities expanding in all directions of the Site. The Site is labelled as Gasket Works. The former sports ground and bowling green to the north appear to have been replaced with industrial premises in the form of Rubber Works. There has also been an expansion of the residential settlement to the north-east.

The 1961-1974 and 1973-1975 maps are similar to the 1955-1956 map with noticeable changes from the former industrial premises to textile and food manufacturing premises.

There is not much change in the land use of the immediate surroundings in the 1977-1986 and 1984-1992 maps; however, the Site is labelled as ‘Works’.

The most recent map provided is from 1996 and shows that there have not been any significant land use changes on the Site or in the immediate surroundings, comprising various industrial / business premises.

The historical aerial photograph provided is from 1999 and shows the Site consisting of one large unit and a car park.

- Surrounding Area History

The surrounding area history has been interpreted from Ordnance Survey Country Series (1:10, 560), Ordnance Survey Plan (1:10 000), Raster Mapping (1:10 000) and a VectorMap (1:10 000) of the area between 1883 and 2021, along with an aerial photograph from 1947-1948.

The 1883 map shows that the Site and surrounding area comprised agricultural fields with some farmhouses and woodland located to the north and north-east. The 1900 map shows a similar representation; however, one notable development is the emergence of the Great Western Railway. There is also the appearance of some residential facilities (including a lodge, church and public house) in the village of Cippenham to the south-west and Salt Hill to the south-east alongside development of some main roads and more public footpaths in the overall area.

The 1926 map shows a significant change in the land use of the Site and the surrounding area with the emergence of the Slough Trading Estate. The Site is labelled as Motor Works and several factories and works are present within the Trading Estate, particularly to the west of the Site. There is also evidence of some expansion of residential areas with a sports ground and Timber Town (residential development) in the south-east and several farms and smaller amenities to the north which was largely still agricultural land.

By 1938 there is evidence of further expansion of the Trading Estate and the residential developments surrounding the Estate, most notably to the north and east where a large residential estate has appeared complete with schools and community buildings. The north-west still remained somewhat undeveloped in comparison with the other surrounding areas however a reservoir to serve the Trading Estate is now present amidst the fields.

The 1960-1962 map shows expansion of the residential housing settlement to the north-west, with loss of some agricultural land. The Trading Estate has also expanded south of the Great Western Railway Line. By 1975 almost all the agricultural land has been developed into residential dwellings and associated amenities, such as recreation grounds and schools. The Trading Estate has also expanded to the south (beyond the Great Western Railway Line), west and east with several 'factories' and 'works' present. Further west, beyond the Trading Estate there has also been significant residential development with the emergence of more housing and community facilities such as schools and playing grounds. By 1987-1988 the most noticeable change is again more residential development to the north-west. There is some evidence of sparse woodland on a disused pit to the north-east beyond the residential settlement.

The 1999 and 2006 Raster Maps present a similar description above; in that the Trading Estate and surrounding residential settlements are completely developed. The only undeveloped space is the green area located on the disused pit in the north-east.

The most recent map dated 2021 shows very little change of the area.

The aerial photograph from 1947-1948 illustrates the large residential settlement to the north and east of the Site and the extent of 'factories' and 'works' located within the Trading Estate. Fields to the north-west of the Trading Estate are still evident.

Post Construction Environmental Audit (LON3 Data Centre), 2018

The post construction environmental audit concerns the construction of new buildings at the LON3 Data Centre site. The objective was to review relevant information pertaining to the remediation and construction of new buildings at the Site and identify remaining environmental hazards (if any) and the significance of any residual contamination or other environment impact on Site.

Previous investigations at the Site indicated the presence of asbestos and hydrocarbon contamination in shallow soils. Remediation works comprised the offsite disposal of approximately 3,500 m^3 material (including crushed concrete, Made Ground soils and hydrocarbon impacted soils), and the importation of approximate 2,450 m^3 of recycled aggregates and natural aggerates to bring the Site up to formation level.

Previous investigations identified impact of groundwater by petroleum hydrocarbons within the shallow Taplow Gravel aquifer, including a separate non-aqueous phase liquid (LNAPL) of up to 10 mm thick and concentrations of dissolved phase contamination. Remediation works involved a dual-phase vacuum extraction to remove the LNAPL. The Environment Agency agreed with the

conclusions of the Remediation Validation Report in that the remediation methods used had reduced the contaminant impact and therefore the risk to controlled waters receptors.

Based on the findings of the Post Construction Audit, the following conclusions were made:

- No significantly elevated levels of contaminants are considered to remain within the soil or groundwater that would be deemed to require specific further remediation measures, and mitigation in the form of the proposed development and construction undertaken in accordance with good environmental practice and details provided herein, should ameliorate any residual risks.
- No significant remaining hazards are considered likely to be present on Site.
- On the basis of the investigations undertaken, the development construction and specific mitigation measures applied, no residual land contamination matter has been identified that should preclude either a prospective purchaser from proceeding with an acquisition of the Property or a prospective tenant taking a long leasehold interest in the Property.

Post Construction Environmental Audit (LON4 Data Centre), 2012

The Post Construction Environmental Audit concerns the redevelopment of the LON4 site from the manufacturing facility for the automotive sector (head and manifold gaskets) into a large data hall including office space and generators. The objective was to review and summarise available information and identify remaining hazards and the significance of any residual contamination or other environmental impairment with regard to value, leaseability or use of the redeveloped site.

Several phases of ground investigation were used to assess potential liability concerns relating to the automotive sector and to assess the overall contamination status of the site prior to redevelopment. These included:

- URS, 2007, Phase I Environmental Assessment: Federal Mogul Sealing Systems (Slough) Ltd (Ref:44407566/LORP0001);
- WSP, 2007, Phase I and II Environmental Risk Assessment (Ref: 12041233/001);
- WSP, 2008, Phase II Geo-Environmental Investigation & Preliminary Groundwater Detailed Quantitate Risk Assessment (Ref: 12041233/002)
- WSP, 2008, QRA Southern Car Park (Letter Report) (Ref: 12041233/003);
- WSP, 2011, Soil Infiltration Testing, 157 Edinburgh Avenue (Ref: 24477/001);
- WSP, 2011, Phase II Assessment of Asbestos Containing Materials Contamination (Ref: 24477/002); and,
- WSP, 2011, Phase II Groundwater Investigation (Ref: 24477/003).

Sanctus carried out remediation works in 2011/2012 involving the controlled excavation of Asbestos Containing Materials contaminated soil and rubble historically used to raise ground level at the Site (Sanctus, 2012, Contract Completion Report, Edinburgh Avenue, Slough (Ref: S1172 Rev A). WSP's previous ground investigations were used to estimate the area of contaminated Made Ground. In addition, Sanctus excavated hydrocarbon impacted materials in the area of the former soakaway, which were treated by chemical oxidation and were reported to have been disposed of as non-hazardous waste. A number of additional 'hotspots' where hydrocarbon or Asbestos Containing Materials contamination had been identified were excavated and validated.

The excavations were backfilled with 6F2 material and the foundation and slab laid.

Based on the findings of the Post Construction Audit, the following conclusions were made:

- WSP consider it likely that the majority of Asbestos Containing Materials contaminated soils have been removed from the Site. Furthermore, as the majority of the Site is to be covered with hard standing, Asbestos Containing Materials contamination below ground is unlikely to present a risk to human health at the Site.
- Based on the results of the WSP 2011 groundwater sampling and the results provided within the 2012 Sanctus Contract Completion Report (Ref: S1172 Rev A), WSP consider it likely that identified areas of Total Petroleum Hydrocarbons contamination in soil have been removed and residual impact to groundwater is likely to be low and with remaining contaminant concentrations to attenuate naturally over time.
- Sampling carried out by WSP in 2011 indicated that concentrations of chlorinated solvents in groundwater are below laboratory limits of detection at the Site. The Environment Agency has stated that it appears unlikely that significant sources of contamination are now present at the Site.
- Based on the results provided within the 2012 Sanctus Contract Completion Report (Ref: S1172 Rev A) the on-going risk due to elevated levels of Polycyclic Aromatic Hydrocarbons, cyanide and chlorinated hydrocarbons within the soil in the area of the former chemical store is considered to be low, as the majority of the aforementioned contaminants have been removed from Site during the remediation works.
- Ground gas is considered to be a very low risk at the Site.

Phase I & II Geo-Environmental Assessment (LON10 Data Centre), 2018

The Geo-Environmental Assessment concerns the construction of new buildings at the LON10 Data Centre site. The site investigation was carried out in order to provide information on the quality of the soil and groundwater beneath the site in the context of contaminated land and provide information on the ground gas regime beneath the site.

The chemical analysis undertaken on soil and groundwater samples did not identify any significant elevated concentrations of contamination in the tested locations, with the exception of benzo[b]fluoranthene, benzo[a]pyrene and, dibenz(a,h)anthracene at one location (TP105) assumed to be related to the tarmacadam.

From the gas results obtained, the Site would classify the Site as Characterisation Situation 1 (CS1). This presents a very low risk rating from ground gas to current and future site users and buildings. As such, ground gas protection measures are not required for the proposed development.

VISUAL/ OLFACTORY EVIDENCE OF EXISTING CONTAMINATION

The LON4 Data Centre was subject to a site walkover on the 7th February 2019 by Derek Schoehuys and Derek Main from WSP and Daniel Burgon from Virtus. The site walkover showed that the Data Centre was fully developed and covered in hardstanding with no evidence of visual or olfactory pollution.

At the time of the site walkover, LON3 was currently under construction. The construction of LON10 had not yet commenced.

EVIDENCE OF DAMAGE TO POLLUTION PREVENTION MEASURES

LON3:

Six generators were commissioned in 2020. The existing generators are all located within an acoustic louvered enclosure with the southern end open for diesel deliveries. The building is located on concrete hardstanding and under a gantry. There is no evidence of damage to the hardstanding area within the engine enclosure area.

LON4:

Five HV and ten LV generators have been commissioned between 2013/2014 and 2019 with four new generators proposed. The existing generators are all located within an acoustic louvered enclosure with the southern end remaining open for diesel deliveries, except units at location 17/18. The building is located on concrete hardstanding and under a gantry. When new generators will be installed these will be positioned within the same area (i.e., just adding the generators as commercial contracts are entered into). There is no evidence of damage to the hardstanding area within the engine enclosure area.

LON10:

Five generators were commissioned in 2021. The existing generators are all located within an acoustic louvered enclosure with the northern end open for diesel deliveries. The building is located on concrete hardstanding and under a gantry. There is no evidence of damage to the hardstanding area within the engine enclosure area.

ENVIRONMENTAL CONSENTS, LICENCES, AUTHORISATIONS, PERMITS AND DESIGNATIONS

The following section contains regulatory information related to potentially polluting activities associated with the Site and within a 1km radius of the Virtus Slough Campus. Much of this information has been obtained from the Envirocheck Report, 2022.

Pollution Incidents which may have Affected the Land

The Envirocheck Report, 2022 identifies 13 pollution incidents to controlled waters within 1 km of the Virtus Slough Campus (Table 3-6). There are no entries on the Substantiated Pollution Incident Register.

Table 3-6 – Pollution incidents to Controlled Waters within 1 km of the Virtus Slough Campus

Details	Direction	Distance (m)	Incident Category	Incident Year
Chemicals - Unknown	North-West	191	Category 1 – major incident	1997
Unknown sewage	North-West	194	Category 3 – minor incident	1997
Chemicals - Unknown	South-West	207	Category 3 – minor incident	1998

Oils - Unknown	North	300	Category 3 – minor incident	1998
Chemicals - Unknown	South-east	305	Category 3 – minor incident	1994
Chemicals - Unknown	South-west	335	Category 1 - major incident	1998
Miscellaneous – Fire Water / Foam	North-west	338	Category 3 – minor incident	1996
Oils - Unknown	South	552	Category 3 – minor incident	1999
Miscellaneous – Fire Water / Foam	North-east	566	Category 3 – minor incident	1996
Agricultural: General	South-west	707	Category 3 – minor incident	1995
Oils - Unknown	South	716	Category 3 – minor incident	1996
Unknown sewage	South-east	983	Category 3 – minor incident	1997
Chemicals - Unknown	South	990	Category 3 – minor incident	1997

Environmental Permitting Regulations (EPR) Authorisations

The Envirocheck Report, 2022 indicates that there are 7 effective permits and 1 revoked permit under the Integrated Pollution Prevention and Control (IPPC) / Environmental Permitting Regulations located within 1 km of the Virtus Slough Campus (Table 3-7). There are also 18 Local Authority Integrated Pollution Prevention and Control permitted facilities which comprise the following types of premises / industries:

- Combustion (power station);
- Adhesive coating;
- Packaging;
- Re-spraying of road vehicles;
- Textile and fabric coating;
- Iron, steel and non-metal foundry processes; and,
- Dry cleaning.

Table 3-7 – EPR/ IPPC Authorisations

Licensee	Details	Approximate Distance (m)	Direction	Status
Slough Heat & Power Limited	- 1.1 A (1) (A) Combustion; any fuel greater or equal to 50 MW - 5.1 A (1) (B) The incineration of non-hazardous waste in an incineration or co-incineration plant with a capacity exceeding 3 tonnes/hour	211	North-West	Effective (26 October 2020)
Cyrusone Uk3 Limited	- 1.1 A (1) (A) Combustion; any fuel greater or equal to 50MW	311	North-West	Effective (16 February 2021)
Metal Colours Limited	- 6.4 B (B) Coating Printing and Textiles; Repainting or Respraying Vehicles Greater than 1T/12 months - 2.3 A (1) (A) Surface Treating Metals and Plastics; Electrolytic/Chemical greater than 30 m^3.	343	West	Revoked (4 April 2018)
Equinix (UK) Limited	- 1.1 A (1) (A) Combustion; any fuel greater or equal to 50MW	452	West	Effective (8 November 2021)
Cyxtera Technology UK Limited	- 1.1 A (1) (A) Combustion; any fuel greater or equal to 50MW	585	South	Effective (1 July 2019)
Mars Chocolate UK Limited	- 6.8 A (1) (D) (I) Animal Vegetable & Food - 5.4 A (1) (a) (ii) Disposal of > 50T/D non-hazardous waste (>100 T/D if only AD) involving physico-chemical treatment	587	West	Effective (27 February 2014)
Lonza Biologics	4.5 A (1) (A) Pharmaceuticals; Producing Pharmaceuticals using chemical/biological processes	668	South	Effective (3 March 2017)
Ntt Gdc Emea UK Limited	25 A (a) New Medium Combustion Plant	774	South-East	Valid

Discharge Consents

The Envirocheck Report, 2022 indicates that there are no recorded discharge consents located within 1 km of the Virtus Slough Campus. This was confirmed on the Environment Agency Public Register which revealed that the two closest former discharge consents have now been revoked (in December 1990 and May 2019).

Operational and Non-operational Landfill Sites

There are five historical landfill sites and no active landfill sites located within 1 km of the Virtus Slough Campus (Table 3-8).

Table 3-8 – Historical Landfill Sites

Licensee	Details	Waste Deposited	Direction	Approximate Distance (m)
Nicholas Recreation	Historical landfill	Inert industrial and commercial waste	South-West	699
Pennine Road	Historical landfill	Inert and industrial waste	North-West	737
Galvin and Thirkleby Road	Historical landfill	Inert, industrial and commercial waste	South	772
Northborough Road	Historical landfill	Inert industrial and commercial waste	North-West	845
Galvin and Thirkleby Road	Historical landfill	Inert waste	South	938

Licensed Waste Management Facilities

The Envirocheck Report, 2022 identifies five licensed waste management facilities located within 1 km of the Virtus Slough Campus (Table 3-9). Only 1 facility, namely Fibre Fuel Limited, is permitted.

Table 3-9 – Licensed Waste Management Facilities within 1 km of Virtus Slough Campus

Operators	Details	Licence Status	Direction	Approximate Distance (m)
Slough Borough Council	Kennedy Park	Closure	North-West	788
Fibre Fuel Limited	Physical treatment facilities	Surrendered	North	140
Fibre Fuel Limited	Physical treatment facilities	To PPC	North-West	417
Slough Recycling Ltd	Greener World Recycling Centre	Revoked	South-East	816
Benton Plant Ltd	Metal recycling	Expired	South-East	854

British Geological Survey Recorded Mineral Sites

The Envirocheck Report, 2022 indicates that there are no active BGS Recorded Mineral Sites within 1 km of the Virtus Slough Campus. There are 5 ceased Recorded Mineral Sites which are detailed below (Table 3-10).

Table 3-10 – British Geological Survey Recorded Mineral Sites

Operator/Site Name	Details	Licence Status	Direction	Distance (m)
Timbertown Brick Works	Opencast	Ceased	East	251
Biddles Farm Gravel Pit	Opencast	Ceased	North-West	829
Salthill Gravel Pit	Opencast	Ceased	South	866
Cippenham Gravel Pit	Opencast	Ceased	South-West	969
Cippenham Gravel Pit	Opencast	Ceased	South-West	986

Radioactive Substances

The Envirocheck Report, 2022 indicates that there is one Radioactive Substance authorisation within 1 km of the Virtus Slough Campus which is showing the status as 'Application has been determined by EA'. This relates to a site owned / operated by Ucb Celltech on Bath Road. The remaining Radioactive Substance Authorisations within 1 km have either been revoked or cancelled.

3.3 EVIDENCE OF HISTORIC CONTAMINATION

LON3:

Previous ground investigation studies namely Sanctus Completion Report Ref S2379-004 dated December 2017 and QDS 16 Liverpool Road, Slough Remediation Validation Report Ref: 5355/4/Q-08800/JH dated May 2018 have reference.

- Soil Contamination

Previous investigations (Sanctus July 2017) at the Site had indicated the presence of asbestos and hydrocarbon contamination in shallow soils and Sanctus had recommended remediation (via removal) under suitable health safety and environmental controls.

The Client's Health Safety and Environment Manager visited Site during demolition and preparation works (by others) and had identified visible asbestos containing material (ACM) within the crushed concrete, uncrushed concrete and soils resulting in a stoppage of works.

Following the cessation of works, further investigation was undertaken by Sanctus on 24th October 2017. Fragments of ACM were identified within:

- Stockpiles of material originally destined to be crushed for re-use;
- Materials which had already been crushed on Site; and
- Within a mix of soils on the surface at the Site.

A Remediation Strategy was then designed to remove the risk of harm to construction workers undertaking future works; the general public; and future Site users and, as stated in the Sanctus report, meet Segro's requirement to leave an 'inert' Site with respect to future waste disposal.

The Sanctus Completion Report documents the validation evidence to confirm that remediation proposed (soil removal) had successfully been achieved including details of segregated asbestos materials disposed from site, formation validation sampling, environmental test results confirming suitability of imported materials, and environmental monitoring results. Works overseen by Sanctus comprised the offsite disposal of approximately 3,500 m^3 material (including crushed concrete, Made Ground soils and hydrocarbon impacted soils), and the importation of approximate 2,450 m^3 of recycled aggregates and natural aggerates to bring the Site up to formation level.

The chemical analytical results for soil are being requested as these will provide the baseline reference data.

- Groundwater Contamination

FLI-QDS Remediation Ltd was contracted by the Kier, to undertake remediation works at the Site. The previous investigation had identified free phase hydrocarbon contamination (LNAPL) at the groundwater table. Twenty-five wells were installed across the Site to delineate the LNAPL plume and better assess groundwater quality (an increase to that proposed, which had provided further delineation to LNAPL impacted areas). Following delineation, a dual-phase vacuum extraction (DPVE) system was installed to remove the LNAPL. The DPVE system was operated for eight weeks, between mid-February and mid-April 2018, and removed 150 litres of LNAPL.

Monitoring of the groundwater during remediation showed significant reductions in the thickness of LNAPL in wells across Site, from a maximum of 110mm prior to remediation to a maximum of 4 mm at the end of works. Post treatment monitoring showed minimal rebound of thicknesses in the boreholes. During the period of the remediation works, groundwater concentrations of dissolved phase hydrocarbons reduced from a maximum of 129 mg/l to 0.46 mg/l. Light end hydrocarbons in the groundwater, in particular benzene and naphthalene, were reduced to near non-detectable concentrations.

Down groundwater gradient monitoring wells, on an adjacent site, did not show any impact of elevated hydrocarbons from the Site. A detailed quantitative risk assessment (DQRA) was carried out and groundwater monitoring data collected towards the end of the remediation works demonstrated that groundwater concentrations were below the remedial target values for benzene and naphthalene.

Oxygen release substrate was injected into the impacted area of the groundwater at the end of the remedial works to enhance long term biological attenuation. Early monitoring data demonstrated that the injection was successful and oxygen levels were already increasing in the groundwater. This was stated to enhance the long term biological attenuation of the groundwater.

It was concluded by QDS that remediation works had effectively removed the mobile free product and greatly reduced TPH concentrations in groundwater (Appendix B). The downgradient groundwater was shown to be free of TPH impact and consequently the residual risk presented by

the contamination was considered to be very low. The chemical analytical results for groundwater are detailed in Appendix C, as these provide the baseline reference data.

LON4:

Several phases of ground investigation and remediation have been carried out at the Site.

In summary, the main contamination issues identified at the Site comprise:

- ACM

ACM has been identified in the area to the east of the Site and was considered to be associated with fill material used in the construction of the previous development. In 2011 WSP carried out a further ground investigation which identified that ACM containing materials and free fibres were present in a widespread area across the eastern portion of the Site. In 2011/2012 Sanctus carried out remediation involving excavation of these areas; segregation of reusable granular material (brick and concrete) and hazardous material. Sanctus reported that validation samples were taken from the base and sides of the excavations and when no further ACM fibres were identified the excavations were backfilled with 6F2 material.

- Chlorinated Solvents

Chlorinated solvents were recorded at concentrations exceeding WQS at one location in the south of the Site during 2008 monitoring. The EA recommended that additional groundwater sampling be undertaken to monitor concentrations of chlorinated hydrocarbons (tetrachloroethane and daughter products). The frequency and duration of sampling was not specified by the EA. Analysis of groundwater samples taken in 2011 indicated that chlorinated solvents concentrations were below laboratory limits of detection.

- Total Petroleum Hydrocarbons (TPH)

Elevated concentrations of TPH were observed during investigations in 2007 at two locations in the south of Site (an interceptor proximal to the former chemical store and to BH4 in centre of the southern site boundary). Further investigation in 2008 indicated that hydrocarbon contamination was also present off-site, to the south of BH4.

A QRA was carried out for each area of contamination, which were was forwarded to the EA. In the EA's response they recommended that:

- Drainage and interceptors in the chemical store area should be inspected and repaired/decommissioned where necessary to ensure they are not leaching contamination into soils;
- Contamination identified during redevelopment should be assessed;,
- The thickness of free product at BH111 (located off-site and down hydraulic gradient of the Site) should be monitored and should the thickness increase significantly, or in the event of site redevelopment further works may be necessary; and,
- It was recommended that drainage plans were procured for the entire site.

Further monitoring and groundwater sampling of the Site was carried out in 2011, the results of which indicated that concentrations of TPH had decreased significantly since the previous sampling events. In addition, although LNAPL was still present in BH111, it was only present in measureable thickness (8mm) on one occasion out of four monitoring visits.

As part of the 2011 report available drainage plans for the Site were reviewed. The available resources did not provide any conclusive evidence of drainage runs beneath the areas of interest, although it was noted that surface water drainage runs were not fully traced out at all locations on Site.

In recent correspondence (by email December 2012), the EA have stated that it appears unlikely that significant sources of contamination are now present. They agreed with the recommendations of the report for further groundwater monitoring and sampling. It is noted that, considering the redevelopment of the Site, this would now be constrained to BH111 which is located off-site and down hydraulic gradient.

In 2011/2012 Sanctus carried out remediation of a number of 'hotspots' at the Site, including the excavation of the interceptor in the area of the former chemical store and three locations in the northern portion of the Site.

Sanctus reported that excavations were validated and backfilled with 6F2 material.

- Former Chemical Store

Elevated concentrations of TPH, PAH, cyanide and chlorinated hydrocarbon concentrations were recorded within soil in the vicinity of the former chemical storage area in 2007 and 2008. In 2011/2012 Sanctus carried out remediation of a number of 'hotspots' at the Site, including the excavation of the interceptor in the area of the former chemical store and three locations in the northern portion of the Site. Sanctus reported that excavations were validated and backfilled with 6F2 material.

- Ground gas

The ground gas assessment carried out as part of the 2007 WSP report indicated that there was a very low risk from ground gas at the Site requiring no special ground gas protection measures.

A copy of the Sanctus, 2012, Contract Completion Report, Edinburgh Avenue, Slough. Ref: S1172 Rev A is being requested from Segro/Slough Trading Estate as this will provide the baseline reference data.

<u>LON10:</u>

The Phase I and II Geo-Environmental Assessment, Delta-Simons Environmental Consultants Limited, Project No. 18-0144.01 has reference. The chemical analysis undertaken on soil and groundwater samples did not identify any significant elevated concentrations of contamination with the exception of benzo[b]fluoranthene, benzo[a]pyrene and, dibenz(a,h)anthracene at one location (TP105) assumed to be related to the tarmacadam. The chemical analytical results for soil and groundwater are detailed in Appendix C, as these provide the baseline reference data.

4 PERMITTED ACTIVITIES

A detailed description of the activities can be found in the main EPR permit application. For the purpose of this SCR only, a summary of the permitted and non-permitted activities is described below.

4.1 PERMITTED ACTIVITIES

This document has been developed to provide the key information required for an Environmental Permit application. The Virtus Slough Campus is to be regulated as a listed activity under Schedule 1 of the Environmental Permitting (England and Wales) Regulations 2010, as amended (EPR), as follows:

“Section 1.1 Combustion activities Part A(1) (a) Burning any fuel in an appliance with a rated thermal input of 50 or more megawatts”.

Directly Associated Activities (DAA) are carried out within the installation boundary. These include the following:

- Raw material handling and storage (most notably bulk fuel oil); and,
- Waste handling and storage.

PROCESS DESCRIPTION

The Virtus Slough Campus incorporates a single installation comprising one stationary technical unit (STU) made up of multiple generator engine sets and associated fuel oil storage tanks.

The installation at Slough Trading Estate comprises three data centres referred to as London 3 (LON3), London 4 (LON4) and London 10 (LON10), built to Uptime Tier III standard which means that there is no interruption to the operation of the computer hardware located in the centre, for example during routine maintenance of power and cooling systems. The emergency generators provide an important part of achieving the standard. LON3 has six generators; LON4 will have nineteen generators; and LON10 has five generators.

The total rated thermal input (under standby power operating conditions) of all generators across the Virtus Slough Campus will be 177.14 MWth on completion.

4.2 NON-PERMITTED ACTIVITIES

There are no relevant polluting non-permitted activities.

5 RISKS TO LAND AND GROUNDWATER

This section of the SCR identifies potential risks to the land and groundwater posed by the current activities which are undertaken on site and associated materials. The Environmental Risk Assessment summarises the potential risks and the proposed mitigation measures which will be put in place to minimise the risk.

5.1 STORAGE TANKS AND ASSOCIATED PIPEWORK

A list of all above ground fuel oil storage tanks and associated containment measures is provided in Table 5-1. The Virtus Slough Campus has no below ground storage tanks.

Visual inspections of the external structures of the tanks and containment features are undertaken on a daily basis for signs of corrosion. This is undertaken in accordance with the Asset Integrity Programme. Checks are also carried out as the generators are serviced (minor and major service) by the OEM or OEM approved provider 6-monthly and annually.

All transfer pipes including the delivery point are held within the tank with the exception of the rising pipe to the generator enclosure. Transfer / balancing pipework between the tanks provides the facility to pump fuel oil between adjacent tanks if necessary. These are routinely kept closed.

Table 5-1 – Above Ground Fuel Oil Storage Tanks

Data Centre	Tank No.	Contents	Volume/ Capacity litres (each)	Primary Containment	Secondary/ Tertiary Containment Feature	Observation (e.g. loss of integrity, spillage, staining)
LON3	1-6	Ultra low sulphur gas oil	23,500	double skinned steel tanks, alarmed internal void space	concrete floor/slope and interceptor; drainage system with shut off valve	< 3 years old
LON4	1-5	Ultra low sulphur gas oil	33,600	double skinned steel tanks, alarmed internal void space	concrete floor/slope and interceptor; drainage system with shut off valve	<10 years old
	6-19	Ultra low sulphur gas oil	26,300	double skinned steel tanks, alarmed internal void space	concrete floor/slope and interceptor; drainage system with shut off valve	New – 5 years old
LON10	1-5	Ultra low sulphur gas oil	24,384	double skinned steel tanks, alarmed internal void space	concrete floor/slope and interceptor	New

Subsurface pipework infrastructure is associated with the drainage network (Table 5-2).

Table 5-2 – Underground Infrastructure

Infrastructure	Secondary/Tertiary Containment Feature	Observation (e.g. loss of integrity, spillage, staining)
Surface Water Drains	Each engine enclosure area has a central drain which has a slope/slight fall to the central surface water drainage network. Any spills will flow towards the central drain. There is no kerbing at the edge of the hardstanding. Each Data Centre has bypass separators namely: - LON3 – Conder Bypass Separator - LON4 – Conder Bypass Separator - LON10 – Klargester Bypass Separator LON3 has a penstock valve and LON4 a gate valve chamber to seal the drainage on each discharge point. There is no shut off valve at LON10.	The data centres are all <10 years old and there is no observed evidence of loss of fuel oil.

5.2 CONCRETE HARDSTANDING

The Virtus Slough Campus comprises mainly hardstanding with very few landscaped areas. The hardstanding is not kerbed.

The engine enclosure areas have a slope / slight fall to the central surface water drainage network.

5.3 NATURE OF THE STORAGE AND HANDLING OF MATERIALS

Ultra low sulphur gas oil stored in tanks has been detailed in Table 5-1. Refer to Table 5-3 for risks from potentially polluting substances including their storage and handling.

The ERA summarises the potential risks and the proposed mitigation measures which will be out in place to minimise the risk.

5.4 SURFACE WATER AND FOUL DRAINAGE

LON4 has a separate drainage system serving the engine enclosure area which discharges via a bypass interceptor and penstock valve to the Thames Water surface water sewer. A gate valve chamber has been installed to isolate the engine enclosure area from the drainage system in case of a spillage.

LON3 and LON10 are both equipped with soakaways serving the engine enclosure areas, each via an alarmed bypass separator. LON3 is fitted with a gate valve prior to release to the separator to isolate the engine enclosure area from the drainage system in case of a spillage. There is no shut off valve at LON10.

5.5 POLLUTING SUBSTANCES AND RELEVANT ACTIVITIES

An assessment of pollution potential has been made on polluting materials based upon their properties, toxicity and volume stored, used or manufactured. The following potentially polluting substances/chemicals are presented in Table 5-3 below.

Table 5-3 – Potentially Polluting Substances

Substance	Activity	Potential for Pollution
Ultra Low Sulphur Gas Oil	Delivery, storage and combustion in engines	Stored in steel tanks, each one situated at one end of each engine/generator set container. All transfer pipes including the delivery point are held within the tank with the exception of the rising pipe to the generator enclosure. Balancing pipework between the tanks provides the facility to pump fuel oil between adjacent tanks if necessary. These are routinely kept closed. Delivered to the Data Centres by road tanker with trained operator and supervised by site employee whilst off-loading. This is undertaken in accordance with Virtus oil/fuel delivery procedure as defined in the Virtus Operational Manual.
Oil lubricants	Lubricants for motors, drives and transformer	Small volumes brought to site by contractors for maintenance of generators. A spill response procedure is in place with spill kits deployed strategically throughout the Virtus Slough Campus.
Glycol	Anti freeze for water circuit	Small volumes brought to site by contractors for maintenance of generators. A spill response procedure is in place with spill kits deployed strategically throughout the Virtus Slough Campus.

6 OPERATIONAL PHASE SITE CONDITION REPORT

In accordance with the template detailed in the Environment Agency publication: EPR H5 Site Condition Report: Guidance and Templates, the Operational Phase SCR requires the maintenance of four key areas:

- 4.0 Changes to the activity;
- 5.0 Measures taken to protect land;
- 6.0 Pollution incidents that may have had an impact on land, and their remediation; and
- 7.0 Soil, gas and water quality monitoring (where undertaken).

This is a new installation and therefore each of these key areas will be updated and altered as required when changes are made to the site or further information becomes available with regards to land condition or potential pollution.

Table 6-1 – 4.0 Changes to the Activity

Have there have been any changes to the permitted activities?	N/A
Have any 'dangerous substances' not identified in the Application Site Condition Report been used or produced as a result of the permitted activities?	N/A

Table 6-2 – 5.0 Measures taken to protect the land

Measures taken to protect the land	N/A
Checklist of supporting information	N/A

Table 6-3 – 6.0 Pollution incidents that may have had an impact on land and their remediation

Pollution incidents that may have had an impact on land, and their remediation	N/A
Checklist of supporting information	N/A

Table 6-4 – 7.0 Soil Gas and Water Quality Monitoring (where undertaken)

Soil gas and water quality monitoring (where undertaken)	N/A
Checklist of supporting information	N/A

Appendix A

INSTALLATION LAYOUT

Public

Appendix A.1

LON3 DATA CENTRE

Public

14 LIVERPOOL ROAD

steam main

link at first floor level

3m high coated galvanised steel weldmesh fencing - to match existing fencing on 14 Liverpool Road

sub - station

saw cut edge to existing concrete

saw cut edge

3m high coated galvanised steel weldmesh fencing - to match existing fencing on 14 Liverpool Road

12m clear manual bi-folding gates

3m high coated galvanised steel weldmesh fencing - to match existing fencing on 14 Liverpool Road

3m high coated galvanised steel weldmesh fencing - to match existing fencing on 14 Liverpool Road

existing chainlink fence to be removed

3m high coated galvanised steel weldmesh fencing - to match existing fencing on 14 Liverpool Road

A21

A22

A23

A24

A25

A26

Generators

N

HEALTH & SAFETY INFORMATION

In addition to the hazards and risks normally associated with the type of construction work shown on this drawing, the following risks should be noted:

1 Shared access adjacent to the site:
Hoarding required to protect pedestrians and vehicles within the adjacent road network.

2 Existing services within the site:
Locations of any services shown on this drawing are based on topographical survey data.
Routes of any services shown on this drawing are approximate and are based on a sub-scan survey.
In areas to be excavated, the contractor is to locate services prior to construction, by hand digging.

A: 14/06/17
Gantry added

KIER SEGRO

CONSTRUCTION

Revisions

Job Title
PROPOSED EXTENSION TO
DATA CENTRE

Location
16 LIVERPOOL ROAD
SLOUGH TRADING ESTATE

Drawing Title
SITE PLAN
OVERLAID ON SERVICES SURVEY

Date 14/09/16 Drawn

Scale 1:125 at A1, 1:250 at A3 Checked

ALL DIMENSIONS TO BE CHECKED ON SITE. DO NOT SCALE

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e-mail: architecture@langley-hall.co.uk

Dwg no. 4235-004 Revision A

Appendix A.2

LON4 DATA CENTRE

Public

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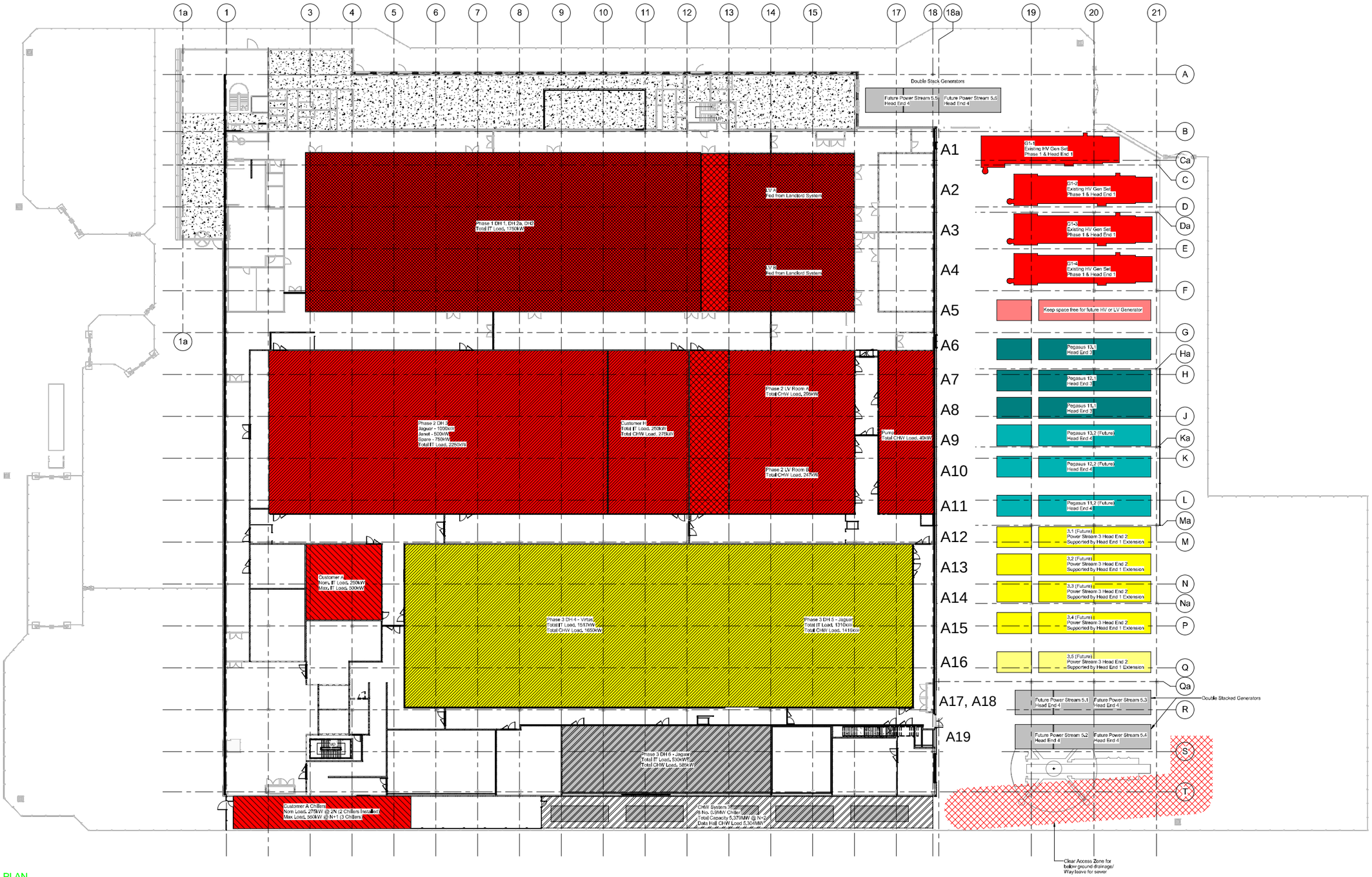
NOTES:

- Mini Chiller System
- Ground Floor Chiller System 1
- First Floor Chiller System 2
- First Floor Chiller System 3
- Customer A System
- VRF or DX Cooled
- Head End 1
- Head End 2
- Head End 3 & 4
- Head End 5

A1 - Emission Points to Air



PLAN
Ground Floor Phase
1 : 200

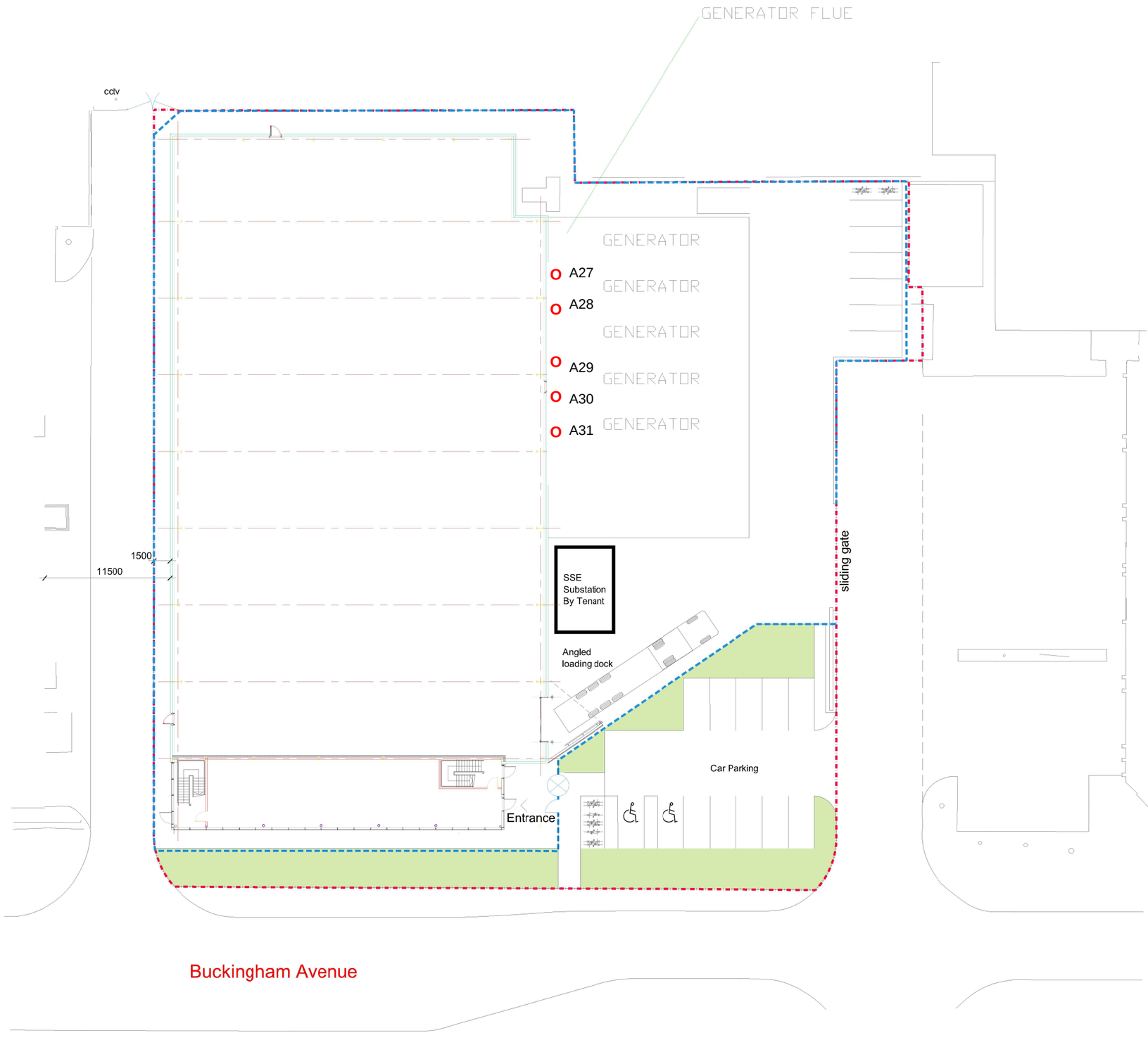
CONCEPT DRAWING ONLY
GENERATOR POSITIONING
SUBJECT TO DETAIL DESIGN

A0

Appendix A.3

LON10 DATA CENTRE

Public



DEVELOPMENT ANALYSIS

All floor areas are gross external and approximate

G.F.Offices:	215.0sqm
F.F.Offices:	215.0sqm
S.F.Offices:	215.0sqm
G.F.Data Hall:	1,951.5sqm
F.F.Data Hall:	1,951.5sqm
S.F.Data Hall:	1,951.5sqm
TOTAL:	6,499.5sqm

Site area:	0.441ha
SPZ footprint:	2,166.5sqm
SPZ density:	49.1%
Coverage:	147.4%
Cars: (1-342sqm)	19
Landscape area:	274.0m²
SPZ landscape %:	6.2%

Secure Fence Line

N

O A27 - Emission point to air

Z:\3LHA\SEGRO\4415 478-474 Melton Avenue\4415 BVD\4415 Virtus\Virtus logo.jpg

SEGRO

Preliminary

Revisions

Job Title
PROPOSED DATA CENTRE
VIRTUS

Location
73-75 BUCKINGHAM AVENUE
SLOUGH TRADING ESTATE

Drawing Title
SITE PLAN

Date 12-10-18 Drawr PM

Scale 1:200 @ A1 Checked

ALL DIMENSIONS TO BE CHECKED ON SITE. DO NOT SCALE

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Dwg no. 4475-V-01 Revision P4

Appendix B

TPH CONCENTRATIONS IN GROUNDWATER BEFORE AND AFTER REMEDIATION WORKS (LON3 DATA CENTRE)

Public

			BH301			BH307			BH319			BH320			BH303		BH310		BH315		BH318		BH324	SBH104	
Test	**Units**	**LOD**	09/02/2018	06/03/2018	29/03/2018	09/02/2018	06/03/2018	29/03/2018	09/02/2018	06/03/2018	29/03/2018	09/02/2018	06/03/2018	29/03/2018	06/03/2018	29/03/2018	06/03/2018	29/03/2018	06/03/2018	29/03/2018	06/03/2018	29/03/2018	06/03/2018	06/03/2018	29/03/2018
TPH Criteria Working Group (TPH CWG)																									
GRO >C5-C12	µg/l	<50	142.0	<50	<50	1,360.0	<50	<50	3,060.0	<50	<50	1,170.0	<50	<50	<50	<50	<50	<50	<50	<50	718.0	<50	<50	<50	<50
Methyl tertiary butyl ether (MTBE)	µg/l	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Benzene	µg/l	<7	<7	<7	<7	<7	<7	<7	25.0	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7
Toluene	µg/l	<4	<4	<4	<4	<4	<4	<4	4.0	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
Ethylbenzene	µg/l	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
m,p-Xylene	µg/l	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8
o-Xylene	µg/l	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Sum of detected Xylenes	µg/l	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11
Sum of detected BTEX	µg/l	<28	<28	<28	<28	<28	<28	<28	29.0	<28	<28	<28	<28	<28	<28	<28	<28	<28	<28	<28	<28	<28	<28	<28	<28
Aliphatics >C5-C6	µg/l	<10	<10	<10	<10	<10	<10	<10	11.0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	23.0	<10	<10	<10	<10
Aliphatics >C6-C8	µg/l	<10	<10	<10	<10	18.0	<10	<10	42.0	<10	<10	24.0	<10	<10	<10	<10	<10	<10	<10	<10	34.0	<10	<10	<10	<10
Aliphatics >C8-C10	µg/l	<10	16.0	<10	<10	137.0	<10	<10	394.0	<10	<10	141.0	<10	<10	<10	<10	<10	<10	<10	<10	61.0	<10	<10	<10	<10
Aliphatics >C10-C12	µg/l	<10	62.0	<10	<10	664.0	<10	<10	1,390.0	<10	<10	545.0	<10	<10	<10	<10	<10	<10	<10	<10	334.0	<10	<10	<10	<10
Aliphatics >C12-C16 (aq)	µg/l	<100	1,400.0	<10	<10	7,010.0	<10	<10	6,680.0	10.0	<10	4,970.0	<10	<10	96.0	<10	<10	11.0	<10	17.0	1,230.0	43.0	<10	<10	<10
Aliphatics >C16-C21 (aq)	µg/l	<100	1,920.0	<10	<10	8,700.0	<10	<10	10,200.0	<10	<10	8,500.0	<10	<10	267.0	<10	<10	<10	<10	<10	1,650.0	24.0	<10	<10	<10
Aliphatics >C21-C35 (aq)	µg/l	<100	9,430.0	50.0	45.0	40,800.0	43.0	28.0	72,500.0	43.0	<10	79,000.0	63.0	<10	2,750.0	<10	83.0	<10	<10	<10	6,830.0	100.0	27.0	<10	<10
Total Aliphatics >C12-C35 (aq)	µg/l	<100	12,800.0	50.0	45.0	56,600.0	43.0	28.0	89,400.0	53.0	<10	92,400.0	63.0	<10	3,120.0	<10	83.0	11.0	<10	17.0	9,700.0	167.0	27.0	<10	<10
Aromatics >EC5-EC7	µg/l	<10	<10	<10	<10	<10	<10	<10	25.0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aromatics >EC7-EC8	µg/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aromatics >EC8-EC10	µg/l	<10	11.0	<10	<10	91.0	<10	<10	263.0	<10	<10	95.0	<10	<10	<10	<10	<10	<10	<10	<10	43.0	<10	<10	<10	<10
Aromatics >EC10-EC12	µg/l	<10	41.0	<10	<10	443.0	<10	<10	927.0	<10	<10	363.0	<10	<10	<10	<10	<10	<10	<10	<10	223.0	<10	<10	<10	<10
Aromatics >EC12-EC16 (aq)	µg/l	<50	637.0	26.0	<10	2,840.0	44.0	15.0	3,540.0	34.0	<10	2,810.0	31.0	<10	73.0	<10	44.0	38.0	55.0	47.0	675.0	199.0	<10	<10	<10
Aromatics >EC16-EC21 (aq)	µg/l	<50	1,120.0	21.0	<10	5,550.0	29.0	12.0	5,160.0	12.0	<10	5,930.0	23.0	<10	111.0	<10	25.0	24.0	23.0	28.0	986.0	58.0	<10	10.0	<10
Aromatics >EC21-EC35 (aq)	µg/l	<50	3,170.0	10.0	<10	15,000.0	25.0	14.0	21,000.0	<10	<10	26,700.0	<10	<10	590.0	<10	24.0	<10	<10	10.0	2,410.0	38.0	<10	<10	<10
Total Aromatics >EC12-EC35 (aq)	µg/l	<50	4,930.0	57.0	<10	23,400.0	98.0	41.0	29,700.0	46.0	<10	35,400.0	54.0	<10	774.0	<10	93.0	62.0	78.0	85.0	4,080.0	295.0	<10	10.0	<10
Total Aliphatics & Aromatics >C5-35 (aq)	µg/l	<10	17,800.0	111.0	45.0	81,300.0	141.0	69.0	122,000.0	99.0	<10	129,000.0	117.0	<10	3,910.0	<10	176.0	73.0	79.0	102.0	14,500.0	462.0	27.0	10.0	<10
Polyaromatic Hydrocarbons (PAHs)																									
Naphthalene (aq)	µg/l	<0.01	0.126	0.134	<0.01	0.601	0.044	0.014	6.860	0.158	<0.01	0.472	0.126	0.013	0.066	<0.01	0.170	0.033	0.031	0.012	0.350	0.463	0.109	0.161	<0.01
Acenaphthene (aq)	µg/l	<0.005	<0.025	0.121	<0.005	8.860	0.362	<0.005	42.900	0.137	<0.005	6.830	0.413	0.005	0.233	<0.005	0.362	0.122	0.513	0.134	1.950	0.784	<0.05	0.066	<0.005
Acenaphthylene (aq)	µg/l	<0.005	0.151	<0.05	<0.005	0.307	0.009	<0.005	21.000	<0.05	<0.005	0.204	<0.05	<0.005	0.045	<0.005	<0.05	0.009	0.047	0.008	0.432	0.144	<0.05	<0.05	<0.005
Fluoranthene (aq)	µg/l	<0.005	0.780	<0.05	<0.005	3.200	0.014	<0.005	14.700	<0.05	<0.005	4.600	<0.05	<0.005	0.047	<0.005	<0.05	0.011	0.017	0.009	0.430	0.014	<0.05	<0.05	<0.005
Anthracene (aq)	µg/l	<0.005	0.806	<0.05	<0.005	6.620	0.039	<0.005	28.400	<0.05	<0.005	8.850	0.063	<0.005	0.043	<0.005	<0.05	0.015	0.083	0.016	0.581	0.095	<0.05	<0.05	<0.005
Phenanthrene (aq)	µg/l	<0.005	0.231	<0.05	<0.005	8.590	0.083	0.021	157.000	0.183	<0.005	15.600	<0.05	<0.005	0.159	<0.005	0.146	0.005	0.119	<0.005	2.980	0.515	<0.05	<0.05	<0.005
Fluorene (aq)	µg/l	<0.005	0.136	0.083	<0.005	11.600	0.121	<0.005	85.200	0.198	<0.005	10.400	0.308	<0.005	0.245	<0.005	0.294	0.126	0.347	0.051	2.010	1.120	<0.05	0.091	<0.005
Chrysene (aq)	µg/l	<0.005	0.588	<0.05	0.008	1.440	0.007	<0.005	17.300	<0.05	<0.005	5.380	<0.05	<0.005	0.019	<0.005	<0.05	<0.005	<0.005	<0.005	0.619	<0.005	<0.05	<0.05	<0.005
Pyrene (aq)	µg/l	<0.005	0.819	<0.05	0.018	2.660	0.036	0.027	10.200	<0.05	0.021	3.470	<0.05	0.034	0.072	0.024	<0.05	0.025	0.041	0.032	0.825	0.039	<0.05	<0.05	0.005
Benzo(a)anthracene (aq)	µg/l	<0.005	0.480	<0.05	<0.005	1.570	<0.005	<0.005	8.920	<0.05	<0.005	2.430	<0.05	<0.005	0.014	<0.005	<0.05	<0.005	<0.005	<0.005	0.385	<0.005	<0.05	<0.05	<0.005
Benzo(b)fluoranthene (aq)	µg/l	<0.005	1.010	<0.05	<0.005	1.780	<0.005	<0.005	7.680	<0.05	<0.005	2.460	<0.05	<0.005	0.007	<0.005	<0.05	<0.005	<0.005	<0.005	0.075	<0.005	<0.05	<0.05	<0.005
Benzo(k)fluoranthene (aq)	µg/l	<0.005	0.262	<0.05	<0.005	0.693	<0.005	<0.005	3.740	<0.05	<0.005	1.040	<0.05	<0.005	0.016	<0.005	<0.05	<0.005	<0.005	<0.005	<0.05	<0.005	<0.05	<0.05	<0.005
Benzo(a)pyrene (aq)	µg/l	<0.002	0.854	<0.02	<0.002	2.120	<0.002	<0.002	15.800	<0.02	<0.002	4.000	<0.02	<0.002	0.039	<0.002	<0.02	<0.002	<0.002	<0.002	0.146	<0.002	<0.02	<0.02	<0.002
Dibenzo(a,h)anthracene (aq)	µg/l	<0.005	0.140	<0.05	<0.005	0.180	<0.005	<0.005	2.950	<0.05	<0.005	<0.125	<0.05	<0.005	<0.005	<0.005	<0.05	<0.005	<0.005	<0.005	<0.05	<0.005	<0.05	<0.05	<0.005
Benzo(g,h,i)perylene (aq)	µg/l	<0.005	0.487	<0.05	<0.005	0.878	<0.005	<0.005	2.710	<0.05	<0.005	0.729	<0.05	<0.005	0.008	<0.005	<0.05	<0.005	<0.005	<0.005	0.103	<0.005	<0.05	<0.05	<0.005
Indeno(1,2,3-cd)pyrene (aq)	µg/l	<0.005	0.427	<0.05	<0.005	0.460	<0.005	<0.005	2.630	<0.05	<0.005	0.496	<0.05	<0.005	<0.005	<0.005	<0.05	<0.005	<0.005	<0.005	<0.05	<0.005	<0.05	<0.05	<0.005
PAH, Total Detected USEPA 16 (aq)	µg/l	<0.082	7.300	<0.82	<0.082	51.500	0.715	<0.082	428.000	<0.82	<0.082	67.000	0.910	<0.082	1.010	<0.082	0.972	0.347	1.200	0.262	10.900	3.170	<0.82	<0.82	<0.082
EPH CWG (Speciated)																									
Aliphatics >C16-C35 Aqueous	µg/l	<100	11,300.0	50.0	45.0	49,500.0	43.0	28.0	82,700.0	43.0	<10	87,400.0	63.0	<10	3,020.0	<10	83.0	<10	<10	<10	8,470.0	124.0	27.0	<10	<10

Table 2: Groundwater concentrations

Appendix C

CHEMICAL ANALYTICAL RESULTS

Public

Appendix C.1

LON3 GROUNDWATER ANALYTICAL RESULTS

Public

Unit 7-8 Hawarden Business Park
Manor Road (off Manor Lane)
Hawarden
Deeside
CH5 3US
Tel: (01244) 528700
Fax: (01244) 528701
email: hawardencustomerservices@alsglobal.com
Website: www.alsenvironmental.co.uk

QDS Remediation
18 The Pines
Broad Street
Guildford
Surrey
GU3 3BH

Attention: Tom Evans

CERTIFICATE OF ANALYSIS

Date:	01 March 2018
Customer:	H_QDS_GUI
Sample Delivery Group (SDG):	180212-14
Your Reference:	Slough
Location:	Liverpool Road, Slough
Report No:	446429

This report has been revised and directly supersedes 444653 in its entirety.

We received 4 samples on Monday February 12, 2018 and 4 of these samples were scheduled for analysis which was completed on Thursday March 01, 2018. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

Chemical testing (unless subcontracted) performed at ALS Environmental Hawarden (Method codes TM) or ALS Environmental Aberdeen (Method codes S).

Approved By:

Sonia McWhan

Operations Manager

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CERTIFICATE OF ANALYSIS

SDG:	180212-14	**Client Reference:**	Slough	**Report Number:**	446429
Location:	Liverpool Road, Slough	**Order Number:**	POP018821	**Superseded Report:**	444653

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
17032499	BH301		0.00 - 0.00	09/02/2018
17032505	BH307		0.00 - 0.00	09/02/2018
17032488	BH319		0.00 - 0.00	09/02/2018
17032494	BH320		0.00 - 0.00	09/02/2018

Maximum Sample/Coolbox Temperature (°C) : **4.4**

ISO5667-3 Water quality - Sampling - Part3 -
During Transportation samples shall be stored in a cooling device capable of maintaining a temperature of (5±3)°C.

ALS have data which show that a cool box with 4 frozen icepacks is capable of maintaining pre-chilled samples at a temperature of (5±3)°C for a period of up to 24hrs.

Only received samples which have had analysis scheduled will be shown on the following pages.

Validated

CERTIFICATE OF ANALYSIS

SDG:	180212-14	**Client Reference:**	Slough	**Report Number:**	446429
Location:	Liverpool Road, Slough	**Order Number:**	POP018821	**Superseded Report:**	444653

Results Legend

X Test

N No Determination Possible

Sample Types -

S - Soil/Solid
UNS - Unspecified Solid
GW - Ground Water
SW - Surface Water
LE - Land Leachate
PL - Prepared Leachate
PR - Process Water
SA - Saline Water
TE - Trade Effluent
TS - Treated Sewage
US - Untreated Sewage
RE - Recreational Water
DW - Drinking Water Non-regulatory
UNL - Unspecified Liquid
SL - Sludge
G - Gas
OTH - Other

			Lab Sample No(s)							
			17032499		17032505		17032488		17032494	
			Customer Sample Reference							
			BH301		BH307		BH319		BH320	
			AGS Reference							
			Depth (m)							
			0.00 - 0.00		0.00 - 0.00		0.00 - 0.00		0.00 - 0.00	
			Container							
			0.5l glass bottle (ALE227)	Vial (ALE297)	0.5l glass bottle (ALE227)	Vial (ALE297)	0.5l glass bottle (ALE227)	Vial (ALE297)	0.5l glass bottle (ALE227)	Vial (ALE297)
			Sample Type							
			GW	GW	GW	GW	GW	GW	GW	GW
EPH CWG (Aliphatic) Aqueous GC (W)	All	NDPs: 0 Tests: 4	X		X		X		X	
EPH CWG (Aromatic) Aqueous GC (W)	All	NDPs: 0 Tests: 4	X		X		X		X	
GRO by GC-FID (W)	All	NDPs: 0 Tests: 4		X		X		X		X
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 4	X		X		X		X	
TPH CWG (W)	All	NDPs: 0 Tests: 4	X		X		X		X	

Validated

CERTIFICATE OF ANALYSIS

SDG:	180212-14	**Client Reference:**	Slough	**Report Number:**	446429
Location:	Liverpool Road, Slough	**Order Number:**	POP018821	**Superseded Report:**	444653

PAH Spec MS - Aqueous (W)

Results Legend

#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-5&+§@	Sample deviation (see appendix)

Component	LOD/Units	Method	BH301	BH307	BH319	BH320		
Customer Sample Ref.			BH301	BH307	BH319	BH320		
Depth (m)			0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00		
Sample Type			Ground Water (GW)	Ground Water (GW)	Ground Water (GW)	Ground Water (GW)		
Date Sampled			09/02/2018	09/02/2018	09/02/2018	09/02/2018		
Sampled Time			.	.	.	.		
Date Received			12/02/2018	12/02/2018	12/02/2018	12/02/2018		
SDG Ref			180212-14	180212-14	180212-14	180212-14		
Lab Sample No.(s)			17032499	17032505	17032488	17032494		
AGS Reference								
Naphthalene (aq)	<0.01 µg/l	TM178	0.126 @	0.601 @	6.86 @	0.472 @		
Acenaphthene (aq)	<0.005 µg/l	TM178	<0.025 @	8.86 @	42.9 @	6.83 @		
Acenaphthylene (aq)	<0.005 µg/l	TM178	0.151 @	0.307 @	21 @	0.204 @		
Fluoranthene (aq)	<0.005 µg/l	TM178	0.78 @	3.2 @	14.7 @	4.6 @		
Anthracene (aq)	<0.005 µg/l	TM178	0.806 @	6.62 @	28.4 @	8.85 @		
Phenanthrene (aq)	<0.005 µg/l	TM178	0.231 @	8.59 @	157 @	15.6 @		
Fluorene (aq)	<0.005 µg/l	TM178	0.136 @	11.6 @	85.2 @	10.4 @		
Chrysene (aq)	<0.005 µg/l	TM178	0.588 @	1.44 @	17.3 @	5.38 @		
Pyrene (aq)	<0.005 µg/l	TM178	0.819 @	2.66 @	10.2 @	3.47 @		
Benzo(a)anthracene (aq)	<0.005 µg/l	TM178	0.48 @	1.57 @	8.92 @	2.43 @		
Benzo(b)fluoranthene (aq)	<0.005 µg/l	TM178	1.01 @	1.78 @	7.68 @	2.46 @		
Benzo(k)fluoranthene (aq)	<0.005 µg/l	TM178	0.262 @	0.693 @	3.74 @	1.04 @		
Benzo(a)pyrene (aq)	<0.002 µg/l	TM178	0.854 @	2.12 @	15.8 @	4 @		
Dibenzo(a,h)anthracene (aq)	<0.005 µg/l	TM178	0.14 @	0.18 @	2.95 @	<0.125 @		
Benzo(g,h,i)perylene (aq)	<0.005 µg/l	TM178	0.487 @	0.878 @	2.71 @	0.729 @		
Indeno(1,2,3-cd)pyrene (aq)	<0.005 µg/l	TM178	0.427 @	0.46 @	2.63 @	0.496 @		
PAH, Total Detected USEPA 16 (aq)	<0.082 µg/l	TM178	7.3 @	51.5 @	428 @	67 @		

CERTIFICATE OF ANALYSIS

SDG:	180212-14	**Client Reference:**	Slough	**Report Number:**	446429
Location:	Liverpool Road, Slough	**Order Number:**	POP018821	**Superseded Report:**	444653

TPH CWG (W)

Results Legend

#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	Subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of individual compounds within samples aren't corrected for the recovery
(F)	Trigger breach confirmed
1-5&+§@	Sample deviation (see appendix)

Component	LOD/Units	Method	Customer Sample Ref.	BH301	BH307	BH319	BH320		
			Depth (m)	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00		
			Sample Type	Ground Water (GW)	Ground Water (GW)	Ground Water (GW)	Ground Water (GW)		
			Date Sampled	09/02/2018	09/02/2018	09/02/2018	09/02/2018		
			Sampled Time	.	.	.	.		
			Date Received	12/02/2018	12/02/2018	12/02/2018	12/02/2018		
			SDG Ref	180212-14	180212-14	180212-14	180212-14		
			Lab Sample No.(s)	17032499	17032505	17032488	17032494		
			AGS Reference						
GRO Surrogate % recovery**	%	TM245		99	90	67	84		
GRO >C5-C12	<50 µg/l	TM245		142 #	1360 #	3060 #	1170 #		
Methyl tertiary butyl ether (MTBE)	<3 µg/l	TM245		<3	<3	<3	<3		
Benzene	<7 µg/l	TM245		<7	<7	25	<7		
Toluene	<4 µg/l	TM245		<4	<4	4	<4		
Ethylbenzene	<5 µg/l	TM245		<5	<5	<5	<5		
m,p-Xylene	<8 µg/l	TM245		<8	<8	<8	<8		
o-Xylene	<3 µg/l	TM245		<3	<3	<3	<3		
Sum of detected Xylenes	<11 µg/l	TM245		<11	<11	<11	<11		
Sum of detected BTEX	<28 µg/l	TM245		<28	<28	29	<28		
Aliphatics >C5-C6	<10 µg/l	TM245		<10	<10	11	<10		
Aliphatics >C6-C8	<10 µg/l	TM245		<10	18	42	24		
Aliphatics >C8-C10	<10 µg/l	TM245		16	137	394	141		
Aliphatics >C10-C12	<10 µg/l	TM245		62	664	1390	545		
Aliphatics >C12-C16 (aq)	<10 µg/l	TM174		1400	7010	6680	4970		
Aliphatics >C16-C21 (aq)	<10 µg/l	TM174		1920	8700	10200	8500		
Aliphatics >C21-C35 (aq)	<10 µg/l	TM174		9430	40800	72500	79000		
Total Aliphatics >C12-C35 (aq)	<10 µg/l	TM174		12800	56600	89400	92400		
Aromatics >EC5-EC7	<10 µg/l	TM245		<10	<10	25	<10		
Aromatics >EC7-EC8	<10 µg/l	TM245		<10	<10	<10	<10		
Aromatics >EC8-EC10	<10 µg/l	TM245		11	91	263	95		
Aromatics >EC10-EC12	<10 µg/l	TM245		41	443	927	363		
Aromatics >EC12-EC16 (aq)	<10 µg/l	TM174		637	2840	3540	2810		
Aromatics >EC16-EC21 (aq)	<10 µg/l	TM174		1120	5550	5160	5930		
Aromatics >EC21-EC35 (aq)	<10 µg/l	TM174		3170	15000	21000	26700		
Total Aromatics >EC12-EC35 (aq)	<10 µg/l	TM174		4930	23400	29700	35400		
Total Aliphatics & Aromatics >C5-35 (aq)	<10 µg/l	TM174		17800	81300	122000	129000		
Aliphatics >C16-C35 Aqueous	<10 µg/l	TM174		11300	49500	82700	87400		

Appendix C.2

LON10 SOIL ANALYTICAL RESULTS

Public

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Analytical Report Number : 18-81327

Replaces Analytical Report Number : 18-81327, issue no. 2

Project / Site name:	Buckingham Avenue, Slough	**Samples received on:**	05/04/2018
Your job number:	18-0144.01	**Samples instructed on:**	06/04/2018
Your order number:	DS37667	**Analysis completed by:**	14/05/2018
Report Issue Number:	3	**Report issued on:**	14/05/2018
Samples Analysed:	2 bulk samples - 29 soil samples		

Signed:

Jordan Hill
Reporting Manager
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41 -711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

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The results included within the report are representative of the samples submitted for analysis.

Analytical Report Number: 18-81327

Project / Site name: Buckingham Avenue, Slough
Your Order No: DS37667

Lab Sample Number				938202	938204	938205	938206	938207
Sample Reference				SA101	TP101	TP101	TP102	TP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.00	0.40	1.00	0.40	1.00
Date Sampled				27/03/2018	27/03/2018	27/03/2018	27/03/2018	27/03/2018
Time Taken				AM	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	N/A	NONE	17	9.3	13	16	15
Total mass of sample received	kg	0.001	NONE	2.0	1.3	1.2	1.4	1.3
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	Chrysotile & Crocidolite	-	-	Chrysotile	-
Asbestos in Soil	Type	N/A	ISO 17025	Detected	Not-detected	Not-detected	Detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	0.139	-	-	0.037	-
Asbestos Quantification Total	%	0.001	ISO 17025	0.139	-	-	0.037	-
General Inorganics								
pH - Automated	pH Units	N/A	MCERTS	9.0	9.5	8.2	8.1	8.1
Total Sulphate as SO_4	%	0.005	MCERTS	-	-	-	-	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	-	-	-	-	-
Total Sulphur	%	0.005	MCERTS	-	-	-	-	-
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	0.38	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	0.46	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.33	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	0.28	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	0.46	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	0.25	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.40	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.20	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.30	< 0.05	< 0.05	< 0.05	< 0.05
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	3.06	< 0.80	< 0.80	< 0.80	< 0.80
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	18	8.9	9.1	12	9.6
Boron (water soluble)	mg/kg	0.2	MCERTS	1.7	1.2	0.7	1.1	1.9
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	4	MCERTS	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	31	24	22	33	24
Copper (aqua regia extractable)	mg/kg	1	MCERTS	81	14	12	16	12
Lead (aqua regia extractable)	mg/kg	1	MCERTS	80	15	18	13	16
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.5	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	37	22	15	26	17
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	340	48	41	53	54

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Analytical Report Number: 18-81327

Project / Site name: Buckingham Avenue, Slough
Your Order No: DS37667

Lab Sample Number				938202	938204	938205	938206	938207
Sample Reference				SA101	TP101	TP101	TP102	TP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.00	0.40	1.00	0.40	1.00
Date Sampled				27/03/2018	27/03/2018	27/03/2018	27/03/2018	27/03/2018
Time Taken				AM	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics								
Benzene	ug/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	19	< 8.0	< 8.0	33
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	19	< 10	< 10	34
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	20
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	20

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Analytical Report Number: 18-81327

Project / Site name: Buckingham Avenue, Slough
Your Order No: DS37667

Lab Sample Number				938202	938204	938205	938206	938207
Sample Reference				SA101	TP101	TP101	TP102	TP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.00	0.40	1.00	0.40	1.00
Date Sampled				27/03/2018	27/03/2018	27/03/2018	27/03/2018	27/03/2018
Time Taken				AM	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
VOCs								
Chloromethane	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	< 1.0	-
Chloroethane	µg/kg	1	NONE	< 1.0	< 1.0	-	< 1.0	-
Bromomethane	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	< 1.0	-
Vinyl Chloride	µg/kg	1	NONE	< 1.0	< 1.0	-	< 1.0	-
Trichlorofluoromethane	µg/kg	1	NONE	< 1.0	< 1.0	-	< 1.0	-
1,1-Dichloroethene	µg/kg	1	NONE	< 1.0	< 1.0	-	< 1.0	-
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	< 1.0	-
Cis-1,2-dichloroethene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
1,1-Dichloroethane	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
2,2-Dichloropropane	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
Trichloromethane	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
1,1,1-Trichloroethane	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
1,2-Dichloroethane	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
1,1-Dichloropropene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
Trans-1,2-dichloroethene	µg/kg	1	NONE	< 1.0	< 1.0	-	< 1.0	-
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
Tetrachloromethane	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
1,2-Dichloropropane	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
Trichloroethene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
Dibromomethane	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
Bromodichloromethane	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
Cis-1,3-dichloropropene	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	< 1.0	-
Trans-1,3-dichloropropene	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	< 1.0	-
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
1,1,2-Trichloroethane	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
1,3-Dichloropropane	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	< 1.0	-
Dibromochloromethane	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	< 1.0	-
Tetrachloroethene	µg/kg	1	NONE	< 1.0	< 1.0	-	< 1.0	-
1,2-Dibromoethane	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	< 1.0	-
Chlorobenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
1,1,1,2-Tetrachloroethane	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
p & m-Xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
Styrene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
Tribromomethane	µg/kg	1	NONE	< 1.0	< 1.0	-	< 1.0	-
o-Xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
1,1,2,2-Tetrachloroethane	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
Isopropylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
Bromobenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
n-Propylbenzene	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	< 1.0	-
2-Chlorotoluene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
4-Chlorotoluene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
1,3,5-Trimethylbenzene	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	< 1.0	-
tert-Butylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
1,2,4-Trimethylbenzene	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	< 1.0	-
sec-Butylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
1,3-Dichlorobenzene	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	< 1.0	-
p-Isopropyltoluene	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	< 1.0	-
1,2-Dichlorobenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
1,4-Dichlorobenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
Butylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
1,2-Dibromo-3-chloropropane	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	< 1.0	-
1,2,4-Trichlorobenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
Hexachlorobutadiene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	-
1,2,3-Trichlorobenzene	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	< 1.0	-

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The results included within the report are representative of the samples submitted for analysis.

Analytical Report Number: 18-81327

Project / Site name: Buckingham Avenue, Slough
Your Order No: DS37667

Lab Sample Number				938202	938204	938205	938206	938207
Sample Reference				SA101	TP101	TP101	TP102	TP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.00	0.40	1.00	0.40	1.00
Date Sampled				27/03/2018	27/03/2018	27/03/2018	27/03/2018	27/03/2018
Time Taken				AM	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
SVOCs								
Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	-	< 0.1	-
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	-	< 0.2	-
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	-	< 0.1	-
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	< 0.2	-
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	< 0.2	-
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	-	< 0.1	-
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	< 0.2	-
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	-	< 0.1	-
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	< 0.3	-
Hexachloroethane	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	< 0.05	-
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	< 0.3	-
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	-	< 0.2	-
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	< 0.2	-
2-Nitrophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	< 0.3	-
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	< 0.3	-
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	< 0.3	-
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	< 0.3	-
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	< 0.05	-
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	< 0.3	-
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	-	< 0.1	-
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	-	< 0.1	-
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	-	< 0.1	-
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	-	< 0.1	-
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	< 0.2	-
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	-	< 0.1	-
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	-	< 0.1	-
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	-	< 0.1	-
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	-	< 0.1	-
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	< 0.05	-
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	< 0.05	-
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	< 0.2	-
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	< 0.2	-
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	< 0.3	< 0.3	-	< 0.3	-
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	< 0.2	-
4-Nitroaniline	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	< 0.2	-
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	< 0.05	-
Azobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	< 0.3	-
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	< 0.2	-
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	< 0.3	-
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	< 0.05	-
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	< 0.05	-
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	< 0.3	-
Dibutyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	< 0.2	-
Anthraquinone	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	< 0.3	-
Fluoranthene	mg/kg	0.05	MCERTS	0.38	< 0.05	-	< 0.05	-
Pyrene	mg/kg	0.05	MCERTS	0.46	< 0.05	-	< 0.05	-
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	< 0.3	< 0.3	-	< 0.3	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.33	< 0.05	-	< 0.05	-
Chrysene	mg/kg	0.05	MCERTS	0.28	< 0.05	-	< 0.05	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	0.46	< 0.05	-	< 0.05	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	0.25	< 0.05	-	< 0.05	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.40	< 0.05	-	< 0.05	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.20	< 0.05	-	< 0.05	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	< 0.05	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.30	< 0.05	-	< 0.05	-

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Analytical Report Number: 18-81327

Project / Site name: Buckingham Avenue, Slough
Your Order No: DS37667

Lab Sample Number				938208	938209	938210	938211	938212
Sample Reference				TP103	TP103	TP104	TP104	TP105
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.30	0.20	0.70	0.30
Date Sampled				28/03/2018	28/03/2018	28/03/2018	28/03/2018	27/03/2018
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	N/A	NONE	8.0	9.6	6.9	13	4.7
Total mass of sample received	kg	0.001	NONE	1.2	1.2	1.3	1.3	1.2
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-
General Inorganics								
pH - Automated	pH Units	N/A	MCERTS	11.4	10.5	11.3	8.3	11.1
Total Sulphate as SO_4	%	0.005	MCERTS	-	-	-	-	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	-	-	-	-	-
Total Sulphur	%	0.005	MCERTS	-	-	-	-	-
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.27
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.65
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	5.7
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	5.1
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.19	70
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	18
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.35	120
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.29	88
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.15	55
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.16	36
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	47
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	27
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	44
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	20
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	4.2
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	23
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	< 0.80	< 0.80	1.14	562
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	15	12	13	9.0	19
Boron (water soluble)	mg/kg	0.2	MCERTS	2.9	3.2	4.4	1.3	1.0
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	0.3	0.3	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	4	MCERTS	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	21	20	20	20	26
Copper (aqua regia extractable)	mg/kg	1	MCERTS	27	19	35	11	12
Lead (aqua regia extractable)	mg/kg	1	MCERTS	28	27	20	16	14
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	27	20	31	15	25
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	1.2	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	170	110	110	40	54

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Analytical Report Number: 18-81327

Project / Site name: Buckingham Avenue, Slough
Your Order No: DS37667

Lab Sample Number				938208	938209	938210	938211	938212
Sample Reference				TP103	TP103	TP104	TP104	TP105
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.30	0.20	0.70	0.30
Date Sampled				28/03/2018	28/03/2018	28/03/2018	28/03/2018	27/03/2018
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics								
Benzene	ug/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	3.5	3.1	2.8	< 2.0	9.7
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	32	21	82	< 8.0	28
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	310	150	840	< 8.0	180
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	340	180	930	< 10	210
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	70
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	11	< 10	30	< 10	560
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	110	63	300	< 10	1000
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	120	72	330	< 10	1700

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Analytical Report Number: 18-81327

Project / Site name: Buckingham Avenue, Slough
Your Order No: DS37667

Lab Sample Number				938208	938209	938210	938211	938212
Sample Reference				TP103	TP103	TP104	TP104	TP105
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.30	0.20	0.70	0.30
Date Sampled				28/03/2018	28/03/2018	28/03/2018	28/03/2018	27/03/2018
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
VOCs								
Chloromethane	µg/kg	1	ISO 17025	< 1.0	< 1.0	< 1.0	-	< 1.0
Chloroethane	µg/kg	1	NONE	< 1.0	< 1.0	< 1.0	-	< 1.0
Bromomethane	µg/kg	1	ISO 17025	< 1.0	< 1.0	< 1.0	-	< 1.0
Vinyl Chloride	µg/kg	1	NONE	< 1.0	< 1.0	< 1.0	-	< 1.0
Trichlorofluoromethane	µg/kg	1	NONE	< 1.0	< 1.0	< 1.0	-	< 1.0
1,1-Dichloroethene	µg/kg	1	NONE	< 1.0	< 1.0	< 1.0	-	< 1.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	1	ISO 17025	< 1.0	< 1.0	< 1.0	-	< 1.0
Cis-1,2-dichloroethene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
1,1-Dichloroethane	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
2,2-Dichloropropane	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
Trichloromethane	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
1,1,1-Trichloroethane	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
1,2-Dichloroethane	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
1,1-Dichloropropene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
Trans-1,2-dichloroethene	µg/kg	1	NONE	< 1.0	< 1.0	< 1.0	-	< 1.0
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
Tetrachloromethane	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
1,2-Dichloropropane	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
Trichloroethene	µg/kg	1	MCERTS	< 1.0	< 1.0	14	-	< 1.0
Dibromomethane	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
Bromodichloromethane	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
Cis-1,3-dichloropropene	µg/kg	1	ISO 17025	< 1.0	< 1.0	< 1.0	-	< 1.0
Trans-1,3-dichloropropene	µg/kg	1	ISO 17025	< 1.0	< 1.0	< 1.0	-	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
1,1,2-Trichloroethane	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
1,3-Dichloropropane	µg/kg	1	ISO 17025	< 1.0	< 1.0	< 1.0	-	< 1.0
Dibromochloromethane	µg/kg	1	ISO 17025	< 1.0	< 1.0	< 1.0	-	< 1.0
Tetrachloroethene	µg/kg	1	NONE	< 1.0	< 1.0	3.1	-	< 1.0
1,2-Dibromoethane	µg/kg	1	ISO 17025	< 1.0	< 1.0	< 1.0	-	< 1.0
Chlorobenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
1,1,1,2-Tetrachloroethane	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
p & m-Xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
Styrene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
Tribromomethane	µg/kg	1	NONE	< 1.0	< 1.0	< 1.0	-	< 1.0
o-Xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
1,1,2,2-Tetrachloroethane	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
Isopropylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
Bromobenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
n-Propylbenzene	µg/kg	1	ISO 17025	< 1.0	< 1.0	< 1.0	-	< 1.0
2-Chlorotoluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
4-Chlorotoluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
1,3,5-Trimethylbenzene	µg/kg	1	ISO 17025	< 1.0	< 1.0	< 1.0	-	< 1.0
tert-Butylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
1,2,4-Trimethylbenzene	µg/kg	1	ISO 17025	< 1.0	< 1.0	< 1.0	-	< 1.0
sec-Butylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
1,3-Dichlorobenzene	µg/kg	1	ISO 17025	< 1.0	< 1.0	< 1.0	-	< 1.0
p-Isopropyltoluene	µg/kg	1	ISO 17025	< 1.0	< 1.0	< 1.0	-	< 1.0
1,2-Dichlorobenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
1,4-Dichlorobenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
Butylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
1,2-Dibromo-3-chloropropane	µg/kg	1	ISO 17025	< 1.0	< 1.0	< 1.0	-	< 1.0
1,2,4-Trichlorobenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
Hexachlorobutadiene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
1,2,3-Trichlorobenzene	µg/kg	1	ISO 17025	< 1.0	< 1.0	< 1.0	-	< 1.0

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The results included within the report are representative of the samples submitted for analysis.

Analytical Report Number: 18-81327

Project / Site name: Buckingham Avenue, Slough
Your Order No: DS37667

Lab Sample Number				938208	938209	938210	938211	938212
Sample Reference				TP103	TP103	TP104	TP104	TP105
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.30	0.20	0.70	0.30
Date Sampled				28/03/2018	28/03/2018	28/03/2018	28/03/2018	27/03/2018
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
SVOCs								
Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	-	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	-	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	< 0.3
Hexachloroethane	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	-	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	< 0.2
2-Nitrophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	0.27
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	-	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	-	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	-	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	0.65
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	5.7
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	4.0
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	< 0.3	< 0.3	< 0.3	-	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	< 0.2
4-Nitroaniline	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	5.1
Azobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	70
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	18
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	4.1
Dibutyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	< 0.2
Anthraquinone	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	5.8
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	120
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	88
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	< 0.3	< 0.3	< 0.3	-	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	55
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	36
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	47
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	27
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	44
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	20
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	4.2
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	23

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Analytical Report Number: 18-81327

Project / Site name: Buckingham Avenue, Slough
Your Order No: DS37667

Lab Sample Number				938213	938214	938215	938216	938217
Sample Reference				HP101	HP101	CP101	CP101	CP101
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	0.40	1.30	1.20
Date Sampled				04/04/2018	04/04/2018	04/04/2018	04/04/2018	04/04/2018
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	40	< 0.1	< 0.1	< 0.1
Moisture Content	%	N/A	NONE	11	8.0	13	15	14
Total mass of sample received	kg	0.001	NONE	1.5	1.3	1.3	1.4	0.44
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	Chrysotile	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Detected	Not-detected	Not-detected	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	< 0.001	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	< 0.001	-	-	-
General Inorganics								
pH - Automated	pH Units	N/A	MCERTS	8.5	8.6	9.8	8.2	8.0
Total Sulphate as SO_4	%	0.005	MCERTS	-	-	-	-	0.054
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	-	-	-	-	0.12
Total Sulphur	%	0.005	MCERTS	-	-	-	-	0.020
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	-
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	0.21	< 0.05	< 0.05	-
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	0.52	< 0.05	< 0.05	-
Fluorene	mg/kg	0.05	MCERTS	< 0.05	0.42	< 0.05	< 0.05	-
Phenanthrene	mg/kg	0.05	MCERTS	1.9	8.1	1.7	< 0.05	-
Anthracene	mg/kg	0.05	MCERTS	0.50	2.4	0.43	< 0.05	-
Fluoranthene	mg/kg	0.05	MCERTS	5.5	21	3.0	< 0.05	-
Pyrene	mg/kg	0.05	MCERTS	4.7	18	2.3	< 0.05	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	3.3	11	1.6	< 0.05	-
Chrysene	mg/kg	0.05	MCERTS	2.4	8.5	1.2	< 0.05	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	5.0	14	1.8	< 0.05	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	1.8	5.7	0.71	< 0.05	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	4.2	13	1.6	< 0.05	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	2.4	6.3	0.76	< 0.05	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.37	1.2	< 0.05	< 0.05	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	2.6	7.0	0.88	< 0.05	-
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	34.8	118	15.8	< 0.80	-
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	10	9.7	10	11	-
Boron (water soluble)	mg/kg	0.2	MCERTS	0.7	0.8	1.7	0.6	-
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	-
Chromium (hexavalent)	mg/kg	4	MCERTS	< 4.0	< 4.0	< 4.0	< 4.0	-
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	24	25	23	31	-
Copper (aqua regia extractable)	mg/kg	1	MCERTS	28	26	16	16	-
Lead (aqua regia extractable)	mg/kg	1	MCERTS	76	54	25	12	-
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.9	0.5	< 0.3	0.3	-
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	19	22	19	31	-
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	92	71	48	53	-

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Analytical Report Number: 18-81327

Project / Site name: Buckingham Avenue, Slough
Your Order No: DS37667

Lab Sample Number				938213	938214	938215	938216	938217
Sample Reference				HP101	HP101	CP101	CP101	CP101
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	0.40	1.30	1.20
Date Sampled				04/04/2018	04/04/2018	04/04/2018	04/04/2018	04/04/2018
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics								
Benzene	ug/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	3.4	2.4	< 2.0	-
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	13	38	< 8.0	-
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	15	66	140	< 8.0	-
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	20	82	180	< 10	-
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	-
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	2.9	12	< 2.0	< 2.0	-
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	36	140	32	< 10	-
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	100	280	92	< 10	-
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	140	430	120	< 10	-

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Analytical Report Number: 18-81327

Project / Site name: Buckingham Avenue, Slough
Your Order No: DS37667

Lab Sample Number				938213	938214	938215	938216	938217
Sample Reference				HP101	HP101	CP101	CP101	CP101
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	0.40	1.30	1.20
Date Sampled				04/04/2018	04/04/2018	04/04/2018	04/04/2018	04/04/2018
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
VOCs								
Chloromethane	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
Chloroethane	µg/kg	1	NONE	< 1.0	-	< 1.0	-	-
Bromomethane	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
Vinyl Chloride	µg/kg	1	NONE	< 1.0	-	< 1.0	-	-
Trichlorofluoromethane	µg/kg	1	NONE	< 1.0	-	< 1.0	-	-
1,1-Dichloroethene	µg/kg	1	NONE	< 1.0	-	< 1.0	-	-
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
Cis-1,2-dichloroethene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,1-Dichloroethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
2,2-Dichloropropane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Trichloromethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,1,1-Trichloroethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,2-Dichloroethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,1-Dichloropropene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Trans-1,2-dichloroethene	µg/kg	1	NONE	< 1.0	-	< 1.0	-	-
Benzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Tetrachloromethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,2-Dichloropropane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Trichloroethene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Dibromomethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Bromodichloromethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Cis-1,3-dichloropropene	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
Trans-1,3-dichloropropene	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
Toluene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,1,2-Trichloroethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,3-Dichloropropane	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
Dibromochloromethane	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
Tetrachloroethene	µg/kg	1	NONE	< 1.0	-	< 1.0	-	-
1,2-Dibromoethane	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
Chlorobenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,1,1,2-Tetrachloroethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
p & m-Xylene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Styrene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Tribromomethane	µg/kg	1	NONE	< 1.0	-	< 1.0	-	-
o-Xylene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,1,2,2-Tetrachloroethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Isopropylbenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Bromobenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
n-Propylbenzene	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
2-Chlorotoluene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
4-Chlorotoluene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,3,5-Trimethylbenzene	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
tert-Butylbenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,2,4-Trimethylbenzene	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
sec-Butylbenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,3-Dichlorobenzene	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
p-Isopropyltoluene	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
1,2-Dichlorobenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,4-Dichlorobenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Butylbenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,2-Dibromo-3-chloropropane	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
1,2,4-Trichlorobenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Hexachlorobutadiene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,2,3-Trichlorobenzene	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-

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The results included within the report are representative of the samples submitted for analysis.

Analytical Report Number: 18-81327

Project / Site name: Buckingham Avenue, Slough
Your Order No: DS37667

Lab Sample Number				938213	938214	938215	938216	938217
Sample Reference				HP101	HP101	CP101	CP101	CP101
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	0.40	1.30	1.20
Date Sampled				04/04/2018	04/04/2018	04/04/2018	04/04/2018	04/04/2018
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
SVOCs								
Aniline	mg/kg	0.1	NONE	< 0.1	-	< 0.1	-	-
Phenol	mg/kg	0.2	ISO 17025	< 0.2	-	< 0.2	-	-
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	-
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	-
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	-
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
Hexachloroethane	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	-	< 0.2	-	-
Isophorone	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
2-Nitrophenol	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	-	< 0.1	-	-
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	-
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	-	< 0.1	-	-
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	-
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	-	< 0.1	-	-
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	-
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	-
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	-
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	< 0.3	-	< 0.3	-	-
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
4-Nitroaniline	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
Fluorene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
Azobenzene	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
Phenanthrene	mg/kg	0.05	MCERTS	1.9	-	1.7	-	-
Anthracene	mg/kg	0.05	MCERTS	0.50	-	0.43	-	-
Carbazole	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
Dibutyl phthalate	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
Anthraquinone	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
Fluoranthene	mg/kg	0.05	MCERTS	5.5	-	3.0	-	-
Pyrene	mg/kg	0.05	MCERTS	4.7	-	2.3	-	-
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	< 0.3	-	< 0.3	-	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	3.3	-	1.6	-	-
Chrysene	mg/kg	0.05	MCERTS	2.4	-	1.2	-	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	5.0	-	1.8	-	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	1.8	-	0.71	-	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	4.2	-	1.6	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	2.4	-	0.76	-	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.37	-	< 0.05	-	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	2.6	-	0.88	-	-

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Analytical Report Number: 18-81327

Project / Site name: Buckingham Avenue, Slough
Your Order No: DS37667

Lab Sample Number				938218	938219	938220	938221	938222
Sample Reference				CP101	CP103	CP103	CP103	CP103
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				2.00	0.50	1.00	2.50	10.00
Date Sampled				04/04/2018	04/04/2018	04/04/2018	04/04/2018	04/04/2018
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	N/A	NONE	9.2	17	16	15	15
Total mass of sample received	kg	0.001	NONE	0.51	1.3	1.5	0.39	0.60
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	Not-detected	Not-detected	-	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-
General Inorganics								
pH - Automated	pH Units	N/A	MCERTS	8.3	7.8	8.6	8.3	8.8
Total Sulphate as SO_4	%	0.005	MCERTS	0.025	-	-	0.110	0.023
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.054	-	-	0.43	0.012
Total Sulphur	%	0.005	MCERTS	0.011	-	-	0.045	0.015
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	-	-
Acenaphthylene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	-	-
Acenaphthene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	-	-
Fluorene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	-	-
Phenanthrene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	-	-
Anthracene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	-	-
Fluoranthene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	-	-
Pyrene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	-	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	-	-
Chrysene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	-	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	-	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	-	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	-	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	-	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	-	-
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	-	< 0.80	< 0.80	-	-
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	-	13	10	-	-
Boron (water soluble)	mg/kg	0.2	MCERTS	-	1.5	2.3	-	-
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	-	< 0.2	< 0.2	-	-
Chromium (hexavalent)	mg/kg	4	MCERTS	-	< 4.0	< 4.0	-	-
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	-	29	29	-	-
Copper (aqua regia extractable)	mg/kg	1	MCERTS	-	18	17	-	-
Lead (aqua regia extractable)	mg/kg	1	MCERTS	-	18	26	-	-
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	-	< 0.3	< 0.3	-	-
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	-	29	26	-	-
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	-	68	67	-	-

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Analytical Report Number: 18-81327

Project / Site name: Buckingham Avenue, Slough
Your Order No: DS37667

Lab Sample Number				938218	938219	938220	938221	938222
Sample Reference				CP101	CP103	CP103	CP103	CP103
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				2.00	0.50	1.00	2.50	10.00
Date Sampled				04/04/2018	04/04/2018	04/04/2018	04/04/2018	04/04/2018
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics								
Benzene	ug/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
Toluene	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
Ethylbenzene	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
p & m-xylene	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
o-xylene	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	-	-
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	-	-
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	-	-
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	-	< 2.0	< 2.0	-	-
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	-	< 8.0	< 8.0	-	-
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	-	< 8.0	< 8.0	-	-
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	-	< 10	< 10	-	-
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	-	-
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	-	-
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	-	< 0.001	< 0.001	-	-
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	-	< 2.0	< 2.0	-	-
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	-	< 10	< 10	-	-
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	-	< 10	< 10	-	-
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	-	< 10	< 10	-	-

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Analytical Report Number: 18-81327

Project / Site name: Buckingham Avenue, Slough
Your Order No: DS37667

Lab Sample Number				938218	938219	938220	938221	938222
Sample Reference				CP101	CP103	CP103	CP103	CP103
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				2.00	0.50	1.00	2.50	10.00
Date Sampled				04/04/2018	04/04/2018	04/04/2018	04/04/2018	04/04/2018
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
VOCs								
Chloromethane	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
Chloroethane	µg/kg	1	NONE	-	< 1.0	-	-	-
Bromomethane	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
Vinyl Chloride	µg/kg	1	NONE	-	< 1.0	-	-	-
Trichlorofluoromethane	µg/kg	1	NONE	-	< 1.0	-	-	-
1,1-Dichloroethene	µg/kg	1	NONE	-	< 1.0	-	-	-
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
Cis-1,2-dichloroethene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,1-Dichloroethane	µg/kg	1	MCERTS	-	< 1.0	-	-	-
2,2-Dichloropropane	µg/kg	1	MCERTS	-	< 1.0	-	-	-
Trichloromethane	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,1,1-Trichloroethane	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,2-Dichloroethane	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,1-Dichloropropene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
Trans-1,2-dichloroethene	µg/kg	1	NONE	-	< 1.0	-	-	-
Benzene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
Tetrachloromethane	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,2-Dichloropropane	µg/kg	1	MCERTS	-	< 1.0	-	-	-
Trichloroethene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
Dibromomethane	µg/kg	1	MCERTS	-	< 1.0	-	-	-
Bromodichloromethane	µg/kg	1	MCERTS	-	< 1.0	-	-	-
Cis-1,3-dichloropropene	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
Trans-1,3-dichloropropene	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
Toluene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,1,2-Trichloroethane	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,3-Dichloropropane	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
Dibromochloromethane	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
Tetrachloroethene	µg/kg	1	NONE	-	< 1.0	-	-	-
1,2-Dibromoethane	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
Chlorobenzene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,1,1,2-Tetrachloroethane	µg/kg	1	MCERTS	-	< 1.0	-	-	-
Ethylbenzene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
p & m-Xylene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
Styrene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
Tribromomethane	µg/kg	1	NONE	-	< 1.0	-	-	-
o-Xylene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	1	MCERTS	-	< 1.0	-	-	-
Isopropylbenzene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
Bromobenzene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
n-Propylbenzene	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
2-Chlorotoluene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
4-Chlorotoluene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,3,5-Trimethylbenzene	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
tert-Butylbenzene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,2,4-Trimethylbenzene	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
sec-Butylbenzene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,3-Dichlorobenzene	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
p-Isopropyltoluene	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
1,2-Dichlorobenzene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,4-Dichlorobenzene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
Butylbenzene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,2-Dibromo-3-chloropropane	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
1,2,4-Trichlorobenzene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
Hexachlorobutadiene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,2,3-Trichlorobenzene	µg/kg	1	ISO 17025	-	< 1.0	-	-	-

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Analytical Report Number: 18-81327

Project / Site name: Buckingham Avenue, Slough
Your Order No: DS37667

Lab Sample Number				938218	938219	938220	938221	938222
Sample Reference				CP101	CP103	CP103	CP103	CP103
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				2.00	0.50	1.00	2.50	10.00
Date Sampled				04/04/2018	04/04/2018	04/04/2018	04/04/2018	04/04/2018
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
SVOCs								
Aniline	mg/kg	0.1	NONE	-	< 0.1	-	-	-
Phenol	mg/kg	0.2	ISO 17025	-	< 0.2	-	-	-
2-Chlorophenol	mg/kg	0.1	MCERTS	-	< 0.1	-	-	-
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	-	< 0.2	-	-	-
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	-	< 0.2	-	-	-
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	-	< 0.1	-	-	-
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	-	< 0.2	-	-	-
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	-	< 0.1	-	-	-
2-Methylphenol	mg/kg	0.3	MCERTS	-	< 0.3	-	-	-
Hexachloroethane	mg/kg	0.05	MCERTS	-	< 0.05	-	-	-
Nitrobenzene	mg/kg	0.3	MCERTS	-	< 0.3	-	-	-
4-Methylphenol	mg/kg	0.2	NONE	-	< 0.2	-	-	-
Isophorone	mg/kg	0.2	MCERTS	-	< 0.2	-	-	-
2-Nitrophenol	mg/kg	0.3	MCERTS	-	< 0.3	-	-	-
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	-	< 0.3	-	-	-
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	-	< 0.3	-	-	-
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	-	< 0.3	-	-	-
Naphthalene	mg/kg	0.05	MCERTS	-	< 0.05	-	-	-
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	-	< 0.3	-	-	-
4-Chloroaniline	mg/kg	0.1	NONE	-	< 0.1	-	-	-
Hexachlorobutadiene	mg/kg	0.1	MCERTS	-	< 0.1	-	-	-
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	-	< 0.1	-	-	-
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	-	< 0.1	-	-	-
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	-	< 0.2	-	-	-
2-Methylnaphthalene	mg/kg	0.1	NONE	-	< 0.1	-	-	-
2-Chloronaphthalene	mg/kg	0.1	MCERTS	-	< 0.1	-	-	-
Dimethylphthalate	mg/kg	0.1	MCERTS	-	< 0.1	-	-	-
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	-	< 0.1	-	-	-
Acenaphthylene	mg/kg	0.05	MCERTS	-	< 0.05	-	-	-
Acenaphthene	mg/kg	0.05	MCERTS	-	< 0.05	-	-	-
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	-	< 0.2	-	-	-
Dibenzofuran	mg/kg	0.2	MCERTS	-	< 0.2	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	-	< 0.3	-	-	-
Diethyl phthalate	mg/kg	0.2	MCERTS	-	< 0.2	-	-	-
4-Nitroaniline	mg/kg	0.2	MCERTS	-	< 0.2	-	-	-
Fluorene	mg/kg	0.05	MCERTS	-	< 0.05	-	-	-
Azobenzene	mg/kg	0.3	MCERTS	-	< 0.3	-	-	-
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	-	< 0.2	-	-	-
Hexachlorobenzene	mg/kg	0.3	MCERTS	-	< 0.3	-	-	-
Phenanthrene	mg/kg	0.05	MCERTS	-	< 0.05	-	-	-
Anthracene	mg/kg	0.05	MCERTS	-	< 0.05	-	-	-
Carbazole	mg/kg	0.3	MCERTS	-	< 0.3	-	-	-
Dibutyl phthalate	mg/kg	0.2	MCERTS	-	< 0.2	-	-	-
Anthraquinone	mg/kg	0.3	MCERTS	-	< 0.3	-	-	-
Fluoranthene	mg/kg	0.05	MCERTS	-	< 0.05	-	-	-
Pyrene	mg/kg	0.05	MCERTS	-	< 0.05	-	-	-
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	-	< 0.3	-	-	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	-	< 0.05	-	-	-
Chrysene	mg/kg	0.05	MCERTS	-	< 0.05	-	-	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	-	< 0.05	-	-	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	-	< 0.05	-	-	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	-	< 0.05	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	-	< 0.05	-	-	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	-	< 0.05	-	-	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	< 0.05	-	-	-

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Analytical Report Number: 18-81327

Project / Site name: Buckingham Avenue, Slough
Your Order No: DS37667

Lab Sample Number				938223	938224	938225	938226	938228
Sample Reference				CP104	CP104	CP105	CP105	CP105
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.50	13.45	0.50	1.00	14.50
Date Sampled				04/04/2018	03/04/2018	28/03/2018	28/03/2018	30/03/2018
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	N/A	NONE	14	15	14	16	20
Total mass of sample received	kg	0.001	NONE	1.0	0.78	1.3	1.3	0.50
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	Chrysotile	Chrysotile	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	-	Detected	Detected	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	0.026	0.004	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	0.026	0.004	-
General Inorganics								
pH - Automated	pH Units	N/A	MCERTS	8.8	8.8	10.2	9.9	8.8
Total Sulphate as SO_4	%	0.005	MCERTS	-	0.023	-	-	0.028
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	-	0.044	-	-	0.11
Total Sulphur	%	0.005	MCERTS	-	0.014	-	-	0.031
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	-
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	-
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	-
Fluorene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	-
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	-	0.29	0.24	-
Anthracene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	-
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	-	0.76	0.64	-
Pyrene	mg/kg	0.05	MCERTS	< 0.05	-	0.69	0.58	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	-	0.41	0.26	-
Chrysene	mg/kg	0.05	MCERTS	< 0.05	-	0.42	0.32	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	-	0.55	0.38	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	-	0.32	0.25	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	-	0.52	0.38	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	-	0.25	0.17	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	< 0.05	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	-	0.28	0.21	-
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	-	4.49	3.43	-
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	10	-	11	12	-
Boron (water soluble)	mg/kg	0.2	MCERTS	5.1	-	2.0	1.9	-
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	< 0.2	-
Chromium (hexavalent)	mg/kg	4	MCERTS	< 4.0	-	< 4.0	< 4.0	-
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	43	-	33	33	-
Copper (aqua regia extractable)	mg/kg	1	MCERTS	35	-	29	30	-
Lead (aqua regia extractable)	mg/kg	1	MCERTS	20	-	31	23	-
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	< 0.3	-
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	44	-	25	26	-
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	2.3	-	< 1.0	< 1.0	-
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	50	-	110	100	-

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Analytical Report Number: 18-81327

Project / Site name: Buckingham Avenue, Slough
Your Order No: DS37667

Lab Sample Number				938223	938224	938225	938226	938228
Sample Reference				CP104	CP104	CP105	CP105	CP105
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.50	13.45	0.50	1.00	14.50
Date Sampled				04/04/2018	03/04/2018	28/03/2018	28/03/2018	30/03/2018
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics								
Benzene	ug/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
Toluene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
p & m-xylene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
o-xylene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	-	2.1	1.3	-
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	-	22	2.1	-
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	-	76	100	-
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	-	150	180	-
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	-	260	290	-
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	< 0.001	-
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	< 0.001	-
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	-	< 0.001	< 0.001	-
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	-	11	17	-
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	-	75	100	-
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	-	120	120	-
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	-	200	230	-

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Project / Site name: Buckingham Avenue, Slough
Your Order No: DS37667

Lab Sample Number				938223	938224	938225	938226	938228
Sample Reference				CP104	CP104	CP105	CP105	CP105
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.50	13.45	0.50	1.00	14.50
Date Sampled				04/04/2018	03/04/2018	28/03/2018	28/03/2018	30/03/2018
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
VOCs								
Chloromethane	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
Chloroethane	µg/kg	1	NONE	< 1.0	-	< 1.0	-	-
Bromomethane	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
Vinyl Chloride	µg/kg	1	NONE	< 1.0	-	< 1.0	-	-
Trichlorofluoromethane	µg/kg	1	NONE	< 1.0	-	< 1.0	-	-
1,1-Dichloroethene	µg/kg	1	NONE	< 1.0	-	< 1.0	-	-
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
Cis-1,2-dichloroethene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,1-Dichloroethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
2,2-Dichloropropane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Trichloromethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,1,1-Trichloroethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,2-Dichloroethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,1-Dichloropropene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Trans-1,2-dichloroethene	µg/kg	1	NONE	< 1.0	-	< 1.0	-	-
Benzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Tetrachloromethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,2-Dichloropropane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Trichloroethene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Dibromomethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Bromodichloromethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Cis-1,3-dichloropropene	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
Trans-1,3-dichloropropene	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
Toluene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,1,2-Trichloroethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,3-Dichloropropane	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
Dibromochloromethane	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
Tetrachloroethene	µg/kg	1	NONE	< 1.0	-	< 1.0	-	-
1,2-Dibromoethane	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
Chlorobenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,1,1,2-Tetrachloroethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
p & m-Xylene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Styrene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Tribromomethane	µg/kg	1	NONE	< 1.0	-	< 1.0	-	-
o-Xylene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,1,2,2-Tetrachloroethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Isopropylbenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Bromobenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
n-Propylbenzene	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
2-Chlorotoluene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
4-Chlorotoluene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,3,5-Trimethylbenzene	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
tert-Butylbenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,2,4-Trimethylbenzene	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
sec-Butylbenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,3-Dichlorobenzene	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
p-Isopropyltoluene	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
1,2-Dichlorobenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,4-Dichlorobenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Butylbenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,2-Dibromo-3-chloropropane	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-
1,2,4-Trichlorobenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
Hexachlorobutadiene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	-	-
1,2,3-Trichlorobenzene	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	-	-

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Analytical Report Number: 18-81327

Project / Site name: Buckingham Avenue, Slough
Your Order No: DS37667

Lab Sample Number				938223	938224	938225	938226	938228
Sample Reference				CP104	CP104	CP105	CP105	CP105
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.50	13.45	0.50	1.00	14.50
Date Sampled				04/04/2018	03/04/2018	28/03/2018	28/03/2018	30/03/2018
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
SVOCs								
Aniline	mg/kg	0.1	NONE	< 0.1	-	< 0.1	-	-
Phenol	mg/kg	0.2	ISO 17025	< 0.2	-	< 0.2	-	-
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	-
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	-
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	-
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
Hexachloroethane	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	-	< 0.2	-	-
Isophorone	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
2-Nitrophenol	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	-	< 0.1	-	-
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	-
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	-	< 0.1	-	-
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	-
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	-	< 0.1	-	-
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	-
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	-
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	-
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	< 0.3	-	< 0.3	-	-
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
4-Nitroaniline	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
Fluorene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
Azobenzene	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	-	0.29	-	-
Anthracene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
Carbazole	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
Dibutyl phthalate	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	-
Anthraquinone	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	-
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	-	0.76	-	-
Pyrene	mg/kg	0.05	MCERTS	< 0.05	-	0.69	-	-
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	< 0.3	-	< 0.3	-	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	-	0.41	-	-
Chrysene	mg/kg	0.05	MCERTS	< 0.05	-	0.42	-	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	-	0.55	-	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	-	0.32	-	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	-	0.52	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	-	0.25	-	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	-	0.28	-	-

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Analytical Report Number: 18-81327

Project / Site name: Buckingham Avenue, Slough
Your Order No: DS37667

Lab Sample Number				938229	938230	938231	938232	
Sample Reference				CP106	CP106	CP106	CP106	
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)				0.50	0.40	8.50	14.50	
Date Sampled				04/04/2018	27/03/2018	27/03/2018	27/03/2018	
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	
Moisture Content	%	N/A	NONE	11	10	17	10	
Total mass of sample received	kg	0.001	NONE	1.3	1.1	0.59	0.64	
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	-	-	-	
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	
General Inorganics								
pH - Automated	pH Units	N/A	MCERTS	8.0	8.0	8.1	8.5	
Total Sulphate as SO_4	%	0.005	MCERTS	-	-	0.019	0.016	
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	-	-	0.073	0.011	
Total Sulphur	%	0.005	MCERTS	-	-	0.009	0.005	
Speciated PAHs								
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Fluorene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Anthracene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Pyrene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Chrysene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	-	-	-	
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	9.7	-	-	-	
Boron (water soluble)	mg/kg	0.2	MCERTS	0.8	-	-	-	
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	-	-	-	
Chromium (hexavalent)	mg/kg	4	MCERTS	< 4.0	-	-	-	
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	23	-	-	-	
Copper (aqua regia extractable)	mg/kg	1	MCERTS	13	-	-	-	
Lead (aqua regia extractable)	mg/kg	1	MCERTS	15	-	-	-	
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	-	-	-	
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	17	-	-	-	
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	-	-	-	
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	42	-	-	-	

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Analytical Report Number: 18-81327

Project / Site name: Buckingham Avenue, Slough
Your Order No: DS37667

Lab Sample Number				938229	938230	938231	938232	
Sample Reference				CP106	CP106	CP106	CP106	
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)				0.50	0.40	8.50	14.50	
Date Sampled				04/04/2018	27/03/2018	27/03/2018	27/03/2018	
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics								
Benzene	ug/kg	1	MCERTS	< 1.0	-	-	-	
Toluene	µg/kg	1	MCERTS	< 1.0	-	-	-	
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	-	-	-	
p & m-xylene	µg/kg	1	MCERTS	< 1.0	-	-	-	
o-xylene	µg/kg	1	MCERTS	< 1.0	-	-	-	
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	-	-	-	
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	-	-	-	
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	-	-	-	
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	-	-	-	
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	-	-	-	
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	-	-	-	
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	-	-	-	
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	-	-	-	
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	-	-	-	
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	-	-	-	
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	-	-	-	
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	-	-	-	
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	-	-	-	
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	-	-	-	
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	-	-	-	
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	-	-	-	
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	-	-	-	

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Analytical Report Number: 18-81327

Project / Site name: Buckingham Avenue, Slough
Your Order No: DS37667

Lab Sample Number				938229	938230	938231	938232	
Sample Reference				CP106	CP106	CP106	CP106	
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)				0.50	0.40	8.50	14.50	
Date Sampled				04/04/2018	27/03/2018	27/03/2018	27/03/2018	
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
VOCs								
Chloromethane	µg/kg	1	ISO 17025	< 1.0	-	-	-	
Chloroethane	µg/kg	1	NONE	< 1.0	-	-	-	
Bromomethane	µg/kg	1	ISO 17025	< 1.0	-	-	-	
Vinyl Chloride	µg/kg	1	NONE	< 1.0	-	-	-	
Trichlorofluoromethane	µg/kg	1	NONE	< 1.0	-	-	-	
1,1-Dichloroethene	µg/kg	1	NONE	< 1.0	-	-	-	
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	1	ISO 17025	< 1.0	-	-	-	
Cis-1,2-dichloroethene	µg/kg	1	MCERTS	< 1.0	-	-	-	
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	-	-	-	
1,1-Dichloroethane	µg/kg	1	MCERTS	< 1.0	-	-	-	
2,2-Dichloropropane	µg/kg	1	MCERTS	< 1.0	-	-	-	
Trichloromethane	µg/kg	1	MCERTS	< 1.0	-	-	-	
1,1,1-Trichloroethane	µg/kg	1	MCERTS	< 1.0	-	-	-	
1,2-Dichloroethane	µg/kg	1	MCERTS	< 1.0	-	-	-	
1,1-Dichloropropene	µg/kg	1	MCERTS	< 1.0	-	-	-	
Trans-1,2-dichloroethene	µg/kg	1	NONE	< 1.0	-	-	-	
Benzene	µg/kg	1	MCERTS	< 1.0	-	-	-	
Tetrachloromethane	µg/kg	1	MCERTS	< 1.0	-	-	-	
1,2-Dichloropropane	µg/kg	1	MCERTS	< 1.0	-	-	-	
Trichloroethene	µg/kg	1	MCERTS	< 1.0	-	-	-	
Dibromomethane	µg/kg	1	MCERTS	< 1.0	-	-	-	
Bromodichloromethane	µg/kg	1	MCERTS	< 1.0	-	-	-	
Cis-1,3-dichloropropene	µg/kg	1	ISO 17025	< 1.0	-	-	-	
Trans-1,3-dichloropropene	µg/kg	1	ISO 17025	< 1.0	-	-	-	
Toluene	µg/kg	1	MCERTS	< 1.0	-	-	-	
1,1,2-Trichloroethane	µg/kg	1	MCERTS	< 1.0	-	-	-	
1,3-Dichloropropane	µg/kg	1	ISO 17025	< 1.0	-	-	-	
Dibromochloromethane	µg/kg	1	ISO 17025	< 1.0	-	-	-	
Tetrachloroethene	µg/kg	1	NONE	< 1.0	-	-	-	
1,2-Dibromoethane	µg/kg	1	ISO 17025	< 1.0	-	-	-	
Chlorobenzene	µg/kg	1	MCERTS	< 1.0	-	-	-	
1,1,1,2-Tetrachloroethane	µg/kg	1	MCERTS	< 1.0	-	-	-	
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	-	-	-	
p & m-Xylene	µg/kg	1	MCERTS	< 1.0	-	-	-	
Styrene	µg/kg	1	MCERTS	< 1.0	-	-	-	
Tribromomethane	µg/kg	1	NONE	< 1.0	-	-	-	
o-Xylene	µg/kg	1	MCERTS	< 1.0	-	-	-	
1,1,2,2-Tetrachloroethane	µg/kg	1	MCERTS	< 1.0	-	-	-	
Isopropylbenzene	µg/kg	1	MCERTS	< 1.0	-	-	-	
Bromobenzene	µg/kg	1	MCERTS	< 1.0	-	-	-	
n-Propylbenzene	µg/kg	1	ISO 17025	< 1.0	-	-	-	
2-Chlorotoluene	µg/kg	1	MCERTS	< 1.0	-	-	-	
4-Chlorotoluene	µg/kg	1	MCERTS	< 1.0	-	-	-	
1,3,5-Trimethylbenzene	µg/kg	1	ISO 17025	< 1.0	-	-	-	
tert-Butylbenzene	µg/kg	1	MCERTS	< 1.0	-	-	-	
1,2,4-Trimethylbenzene	µg/kg	1	ISO 17025	< 1.0	-	-	-	
sec-Butylbenzene	µg/kg	1	MCERTS	< 1.0	-	-	-	
1,3-Dichlorobenzene	µg/kg	1	ISO 17025	< 1.0	-	-	-	
p-Isopropyltoluene	µg/kg	1	ISO 17025	< 1.0	-	-	-	
1,2-Dichlorobenzene	µg/kg	1	MCERTS	< 1.0	-	-	-	
1,4-Dichlorobenzene	µg/kg	1	MCERTS	< 1.0	-	-	-	
Butylbenzene	µg/kg	1	MCERTS	< 1.0	-	-	-	
1,2-Dibromo-3-chloropropane	µg/kg	1	ISO 17025	< 1.0	-	-	-	
1,2,4-Trichlorobenzene	µg/kg	1	MCERTS	< 1.0	-	-	-	
Hexachlorobutadiene	µg/kg	1	MCERTS	< 1.0	-	-	-	
1,2,3-Trichlorobenzene	µg/kg	1	ISO 17025	< 1.0	-	-	-	

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Analytical Report Number: 18-81327

Project / Site name: Buckingham Avenue, Slough
Your Order No: DS37667

Lab Sample Number				938229	938230	938231	938232	
Sample Reference				CP106	CP106	CP106	CP106	
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)				0.50	0.40	8.50	14.50	
Date Sampled				04/04/2018	27/03/2018	27/03/2018	27/03/2018	
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
SVOCs								
Aniline	mg/kg	0.1	NONE	< 0.1	-	-	-	
Phenol	mg/kg	0.2	ISO 17025	< 0.2	-	-	-	
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	-	-	-	
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	-	-	-	
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	-	-	-	
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	-	-	-	
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	-	-	-	
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	-	-	-	
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	-	-	-	
Hexachloroethane	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	-	-	-	
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	-	-	-	
Isophorone	mg/kg	0.2	MCERTS	< 0.2	-	-	-	
2-Nitrophenol	mg/kg	0.3	MCERTS	< 0.3	-	-	-	
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	-	-	-	
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	-	-	-	
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	-	-	-	
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	-	-	-	
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	-	-	-	
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	-	-	-	
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	-	-	-	
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	< 0.1	-	-	-	
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	< 0.2	-	-	-	
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	-	-	-	
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	-	-	-	
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	-	-	-	
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	< 0.1	-	-	-	
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	< 0.2	-	-	-	
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	-	-	-	
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	< 0.3	-	-	-	
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	-	-	-	
4-Nitroaniline	mg/kg	0.2	MCERTS	< 0.2	-	-	-	
Fluorene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Azobenzene	mg/kg	0.3	MCERTS	< 0.3	-	-	-	
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	-	-	-	
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	-	-	-	
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Anthracene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Carbazole	mg/kg	0.3	MCERTS	< 0.3	-	-	-	
Dibutyl phthalate	mg/kg	0.2	MCERTS	< 0.2	-	-	-	
Anthraquinone	mg/kg	0.3	MCERTS	< 0.3	-	-	-	
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Pyrene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	< 0.3	-	-	-	
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Chrysene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	-	-	-	

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Appendix C.3

LON10 GROUNDWATER ANALYTICAL RESULTS

Public

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i2 Analytical Ltd.
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Analytical Report Number : 18-82466

Project / Site name:	73-75 Buckingham Avenue And 502-505 Ipswich Road	**Samples received on:**	18/04/2018
Your job number:	18-0144.01	**Samples instructed on:**	18/04/2018
Your order number:	LON0309	**Analysis completed by:**	24/04/2018
Report Issue Number:	1	**Report issued on:**	24/04/2018
Samples Analysed:	9 water samples		

Signed:

Jordan Hill
Reporting Manager
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41 -711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

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Analytical Report Number: 18-82466

Project / Site name: 73-75 Buckingham Avenue And 502-505 Ipswich Road

Your Order No: LON0309

Lab Sample Number				944741	944742	944743	944744	944745
Sample Reference				IR CP101	IR CP102	IR CP103	BA CP101	BA CP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled				18/04/2018	18/04/2018	18/04/2018	18/04/2018	18/04/2018
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Water Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
General Inorganics								
pH	pH Units	N/A	ISO 17025	7.2	7.3	7.3	7.2	7.2
Sulphate as SO_4	µg/l	45	ISO 17025	48500	43900	44900	50600	46800
Sulphate as SO_4	mg/l	0.045	ISO 17025	48.5	43.9	44.9	50.6	46.8
Speciated PAHs								
Naphthalene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluorene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Phenanthrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(a)anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chrysene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(b)fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(k)fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(a)pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Indeno(1,2,3-cd)pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibenz(a,h)anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(ghi)perylene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Total PAH								
Total EPA-16 PAHs	µg/l	0.16	ISO 17025	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Heavy Metals / Metalloids								
Arsenic (dissolved)	µg/l	0.15	ISO 17025	0.39	< 0.15	0.23	< 0.15	0.22
Boron (dissolved)	µg/l	10	ISO 17025	47	60	60	54	49
Cadmium (dissolved)	µg/l	0.02	ISO 17025	0.07	< 0.02	0.03	< 0.02	< 0.02
Chromium (dissolved)	µg/l	0.2	ISO 17025	0.3	0.4	0.2	1.9	0.8
Copper (dissolved)	µg/l	0.5	ISO 17025	0.9	0.9	0.7	2.0	1.5
Lead (dissolved)	µg/l	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Mercury (dissolved)	µg/l	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nickel (dissolved)	µg/l	0.5	ISO 17025	3.7	2.7	2.6	4.5	7.6
Selenium (dissolved)	µg/l	0.6	ISO 17025	1.8	2.2	1.6	1.1	1.1
Zinc (dissolved)	µg/l	0.5	ISO 17025	3.2	4.0	7.0	3.4	1.7

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Analytical Report Number: 18-82466

Project / Site name: 73-75 Buckingham Avenue And 502-505 Ipswich Road

Your Order No: LON0309

Lab Sample Number				944741	944742	944743	944744	944745
Sample Reference				IR CP101	IR CP102	IR CP103	BA CP101	BA CP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled				18/04/2018	18/04/2018	18/04/2018	18/04/2018	18/04/2018
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Water Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics								
Benzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >C5 - C6	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >C6 - C8	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >C8 - C10	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >C10 - C12	µg/l	10	NONE	< 10	< 10	< 10	< 10	40
TPH-CWG - Aliphatic >C12 - C16	µg/l	10	NONE	18	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic >C16 - C21	µg/l	10	NONE	59	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic >C21 - C35	µg/l	10	NONE	57	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic (C5 - C35)	µg/l	10	NONE	130	< 10	< 10	< 10	40
TPH-CWG - Aromatic >C5 - C7	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >C7 - C8	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >C8 - C10	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >C10 - C12	µg/l	10	NONE	< 10	< 10	< 10	< 10	10
TPH-CWG - Aromatic >C12 - C16	µg/l	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >C16 - C21	µg/l	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >C21 - C35	µg/l	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (C5 - C35)	µg/l	10	NONE	< 10	< 10	< 10	< 10	10

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Analytical Report Number: 18-82466

Project / Site name: 73-75 Buckingham Avenue And 502-505 Ipswich Road

Your Order No: LON0309

Lab Sample Number				944741	944742	944743	944744	944745
Sample Reference				IR CP101	IR CP102	IR CP103	BA CP101	BA CP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled				18/04/2018	18/04/2018	18/04/2018	18/04/2018	18/04/2018
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Water Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
VOCs								
Chloromethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride	µg/l	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichlorofluoromethane	µg/l	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cis-1,2-dichloroethene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2,2-Dichloropropane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloromethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,2-dichloroethene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloromethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cis-1,3-dichloropropene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-dichloropropene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromochloromethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromoethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-Xylene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tribromomethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
n-Propylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
tert-Butylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
sec-Butylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p-Isopropyltoluene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Butylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-chloropropane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trichlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

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Analytical Report Number: 18-82466

Project / Site name: 73-75 Buckingham Avenue And 502-505 Ipswich Road

Your Order No: LON0309

Lab Sample Number				944741	944742	944743	944744	944745
Sample Reference				IR CP101	IR CP102	IR CP103	BA CP101	BA CP102
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled				18/04/2018	18/04/2018	18/04/2018	18/04/2018	18/04/2018
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Water Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
SVOCs								
Aniline	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorophenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-chloroethyl)ether	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-chloroisopropyl)ether	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylphenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachloroethane	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Methylphenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Isophorone	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitrophenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dimethylphenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-chloroethoxy)methane	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
2,4-Dichlorophenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloroaniline	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobutadiene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloro-3-methylphenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4,6-Trichlorophenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4,5-Trichlorophenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chloronaphthalene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dimethylphthalate	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,6-Dinitrotoluene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
2,4-Dinitrotoluene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzofuran	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chlorophenyl phenyl ether	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Diethyl phthalate	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitroaniline	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Azobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromophenyl phenyl ether	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbazole	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibutyl phthalate	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthraquinone	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Butyl benzyl phthalate	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chrysene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(b)fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(k)fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(a)pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Indeno(1,2,3-cd)pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibenz(a,h)anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(ghi)perylene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01

U/S = Unsuitable Sample I/S = Insufficient Sample

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Analytical Report Number: 18-82466

Project / Site name: 73-75 Buckingham Avenue And 502-505 Ipswich Road

Your Order No: LON0309

Lab Sample Number				944746	944747	944748	944749	
Sample Reference				BA CP103	BA CP104	BA CP105	BA CP106	
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	
Date Sampled				18/04/2018	18/04/2018	18/04/2018	18/04/2018	
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Water Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
General Inorganics								
pH	pH Units	N/A	ISO 17025	7.2	7.1	7.7	7.3	
Sulphate as SO_4	µg/l	45	ISO 17025	44600	48300	78300	47500	
Sulphate as SO_4	mg/l	0.045	ISO 17025	44.6	48.3	78.3	47.5	
Speciated PAHs								
Naphthalene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Acenaphthylene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Acenaphthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Fluorene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Phenanthrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Benzo(a)anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Chrysene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Benzo(b)fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Benzo(k)fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Benzo(a)pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Indeno(1,2,3-cd)pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Dibenz(a,h)anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Benzo(ghi)perylene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Total PAH								
Total EPA-16 PAHs	µg/l	0.16	ISO 17025	< 0.16	< 0.16	< 0.16	< 0.16	
Heavy Metals / Metalloids								
Arsenic (dissolved)	µg/l	0.15	ISO 17025	0.21	0.28	0.25	0.41	
Boron (dissolved)	µg/l	10	ISO 17025	45	61	87	61	
Cadmium (dissolved)	µg/l	0.02	ISO 17025	0.02	< 0.02	< 0.02	0.05	
Chromium (dissolved)	µg/l	0.2	ISO 17025	0.6	0.2	0.5	0.4	
Copper (dissolved)	µg/l	0.5	ISO 17025	2.0	1.5	1.6	4.6	
Lead (dissolved)	µg/l	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	
Mercury (dissolved)	µg/l	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	
Nickel (dissolved)	µg/l	0.5	ISO 17025	4.6	3.4	5.0	6.2	
Selenium (dissolved)	µg/l	0.6	ISO 17025	1.1	1.8	1.9	1.9	
Zinc (dissolved)	µg/l	0.5	ISO 17025	8.4	1.6	3.0	8.0	

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Analytical Report Number: 18-82466

Project / Site name: 73-75 Buckingham Avenue And 502-505 Ipswich Road

Your Order No: LON0309

Lab Sample Number				944746	944747	944748	944749	
Sample Reference				BA CP103	BA CP104	BA CP105	BA CP106	
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	
Date Sampled				18/04/2018	18/04/2018	18/04/2018	18/04/2018	
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Water Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics								
Benzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Toluene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Ethylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
p & m-xylene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
o-xylene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
MTBE (Methyl Tertiary Butyl Ether)	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >C5 - C6	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
TPH-CWG - Aliphatic >C6 - C8	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
TPH-CWG - Aliphatic >C8 - C10	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
TPH-CWG - Aliphatic >C10 - C12	µg/l	10	NONE	< 10	< 10	< 10	< 10	
TPH-CWG - Aliphatic >C12 - C16	µg/l	10	NONE	< 10	< 10	< 10	< 10	
TPH-CWG - Aliphatic >C16 - C21	µg/l	10	NONE	< 10	< 10	< 10	< 10	
TPH-CWG - Aliphatic >C21 - C35	µg/l	10	NONE	< 10	< 10	< 10	< 10	
TPH-CWG - Aliphatic (C5 - C35)	µg/l	10	NONE	< 10	< 10	< 10	< 10	
TPH-CWG - Aromatic >C5 - C7	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
TPH-CWG - Aromatic >C7 - C8	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
TPH-CWG - Aromatic >C8 - C10	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
TPH-CWG - Aromatic >C10 - C12	µg/l	10	NONE	< 10	< 10	< 10	< 10	
TPH-CWG - Aromatic >C12 - C16	µg/l	10	NONE	< 10	< 10	< 10	< 10	
TPH-CWG - Aromatic >C16 - C21	µg/l	10	NONE	< 10	< 10	< 10	< 10	
TPH-CWG - Aromatic >C21 - C35	µg/l	10	NONE	< 10	< 10	< 10	< 10	
TPH-CWG - Aromatic (C5 - C35)	µg/l	10	NONE	< 10	< 10	< 10	< 10	

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Analytical Report Number: 18-82466

Project / Site name: 73-75 Buckingham Avenue And 502-505 Ipswich Road

Your Order No: LON0309

Lab Sample Number				944746	944747	944748	944749	
Sample Reference				BA CP103	BA CP104	BA CP105	BA CP106	
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	
Date Sampled				18/04/2018	18/04/2018	18/04/2018	18/04/2018	
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Water Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
VOCs								
Chloromethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Chloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Bromomethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Vinyl Chloride	µg/l	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	
Trichlorofluoromethane	µg/l	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	
1,1-Dichloroethene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
1,1,2-Trichloro-1,2,2-trifluoroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Cis-1,2-dichloroethene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
MTBE (Methyl Tertiary Butyl Ether)	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
1,1-Dichloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
2,2-Dichloropropane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Trichloromethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
1,1,1-Trichloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
1,2-Dichloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
1,1-Dichloropropene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Trans-1,2-dichloroethene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Benzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Tetrachloromethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
1,2-Dichloropropane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Trichloroethene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Dibromomethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Bromodichloromethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Cis-1,3-dichloropropene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Trans-1,3-dichloropropene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Toluene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
1,1,2-Trichloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
1,3-Dichloropropane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Dibromochloromethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Tetrachloroethene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
1,2-Dibromoethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Chlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
1,1,1,2-Tetrachloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Ethylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
p & m-Xylene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Styrene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Tribromomethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
o-Xylene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
1,1,2,2-Tetrachloroethane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Isopropylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Bromobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
n-Propylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
2-Chlorotoluene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
4-Chlorotoluene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
1,3,5-Trimethylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
tert-Butylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
1,2,4-Trimethylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
sec-Butylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
1,3-Dichlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
p-Isopropyltoluene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
1,2-Dichlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
1,4-Dichlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Butylbenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
1,2-Dibromo-3-chloropropane	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
1,2,4-Trichlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
Hexachlorobutadiene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	
1,2,3-Trichlorobenzene	µg/l	1	ISO 17025	< 1.0	< 1.0	< 1.0	< 1.0	

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Analytical Report Number: 18-82466

Project / Site name: 73-75 Buckingham Avenue And 502-505 Ipswich Road

Your Order No: LON0309

Lab Sample Number				944746	944747	944748	944749	
Sample Reference				BA CP103	BA CP104	BA CP105	BA CP106	
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	
Date Sampled				18/04/2018	18/04/2018	18/04/2018	18/04/2018	
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Water Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
SVOCs								
Aniline	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
Phenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
2-Chlorophenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
Bis(2-chloroethyl)ether	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
1,3-Dichlorobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
1,2-Dichlorobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
1,4-Dichlorobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
Bis(2-chloroisopropyl)ether	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
2-Methylphenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
Hexachloroethane	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
Nitrobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
4-Methylphenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
Isophorone	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
2-Nitrophenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
2,4-Dimethylphenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
Bis(2-chloroethoxy)methane	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
1,2,4-Trichlorobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
Naphthalene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
2,4-Dichlorophenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
4-Chloroaniline	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
Hexachlorobutadiene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
4-Chloro-3-methylphenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
2,4,6-Trichlorophenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
2,4,5-Trichlorophenol	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
2-Methylnaphthalene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
2-Chloronaphthalene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
Dimethylphthalate	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
2,6-Dinitrotoluene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
Acenaphthylene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Acenaphthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
2,4-Dinitrotoluene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
Dibenzofuran	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
4-Chlorophenyl phenyl ether	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
Diethyl phthalate	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
4-Nitroaniline	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
Fluorene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Azobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
Bromophenyl phenyl ether	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
Hexachlorobenzene	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
Phenanthrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Carbazole	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
Dibutyl phthalate	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
Anthraquinone	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
Fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Butyl benzyl phthalate	µg/l	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	
Benzo(a)anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Chrysene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Benzo(b)fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Benzo(k)fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Benzo(a)pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Indeno(1,2,3-cd)pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Dibenz(a,h)anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	
Benzo(ghi)perylene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	

U/S = Unsuitable Sample I/S = Insufficient Sample

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