






Contract Completion Report

Hartcliffe Way



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Reference: S2775-005				Issue: Revision A
Date:	Status:	Name:	Position:	Signature:
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A	20/02/2021	N/A	Original Issue

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1.0 Introduction

Sanctus Limited (Sanctus) was appointed by the Bristol Waste Company (Client) to carry out an enabling works package prior to the re-development of their former waste depot recycling centre at 83 Hartcliffe Way, Bristol, BS3 5RN.

The site was previously occupied by a waste depot operated by the Bristol Waste Company and was split over three plateaus orientated north-south onto which the facility had been built. The facility originally comprised 2no main warehouses with one (Block A) located on the western plateau and one (Block B) on the central plateau, Block B had been demolished prior to the mobilisation of Sanctus to site with just the floor slab being retained. Additionally, the western plateau had an office block and workshop (Block C). The third plateau located along the eastern boundary of the site had not been occupied by a structure at all, instead comprising hardstanding utilised for the storage of materials.

This document details the works which were carried out over two phases, the first running from 5th October 2020 to 16th December 2020 and the second running from 27th January 2021 to 19th February 2021.

This document should be read in conjunction with:

- Sanctus Limited, Demolition Phase Plan, Ref:S2775-001, Dated September 2020;
- Sanctus Limited, Hartcliffe Way Construction Phase Plan, Ref: S2775-002 Rev B, Dated January 2021;
- Sanctus Limited, Hartcliffe Way, Refurbishment and Demolition Survey Plan of Works, Ref: S2775-003B, Dated September 2020;
- Sanctus Limited, Hartcliffe Way Asbestos Plan of Work – Non-Licensed Rev B, Ref:S2775-004, Dated February 2021; and
- YellowSub Geo, Hartcliffe Way HRRC Geo-Environmental Assessment, Ref:P19108_R03 Dated September 2019.

2.0 Project Details

2.1 Works Location

The site is located on Hartcliffe Way, Bristol, situated some 3.25km to the south-south-west of Bristol City Centre. The approximate Grid Reference for the site's centre is 358156mE, 169770mN.

Hartcliffe Way, from which access to the site is gained, runs to the west of the site with a small water course, known as Pidgeonhouse Stream, located between the site and Hartcliffe Way. The site is accessed via a concrete bridge that crosses Pidgeonhouse Stream and forms the only access point to the site. The site is bounded on all sides by metal palisade fencing.

2.2 Scope of works

The works carried out by Sanctus comprised the following:

- Mobilisation to site of all plant and equipment required to carry out the works including demolition specification excavators with breaker, shears, and muncher attachments;
- Disconnection and relocation of services;
- Erection of tree protection fencing;
- Induction and briefing of all operatives involved in the works;
- Set-up of asbestos decontamination unit;
- Completion of a full refurbishment and demolition survey of all structures followed by the removal of asbestos from Blocks A and C prior to their demolition;
- Soft strip of buildings to be demolished and segregation of various wastes;
- Demolition of the following structures:
 - Security kiosk;
 - Blocks A and C;
 - Salt Store and vehicle washdown areas;
 - Vehicle access ramp to the south of Block C; and
 - Removal of selected areas of hardstanding and below ground structures as shown on Sanctus Drawing D2775/001 – Demolition Plan.
- Remobilisation, asbestos strip and demolition of the Office Block adjacent to Block A;
- Segregation of recyclable materials, including wood and metal, from the brick and concrete and separation into the resultant different waste streams;

- Crushing and of demolition arisings into a 6f2 graded aggregate;
- Emptying and offsite disposal of liquids remaining in the above and below ground tanks;
- Cleaning and degassing of all the tanks followed by their removal from site;
- Breaking out of tank surrounds and excavation with offsite disposal of hydrocarbon impacted Made Ground encountered;
- Breaking out and backfilling a basement type structure associated with the former weighbridge
- Excavation and offsite disposal of soils containing elevated concentrations of hydrocarbons including the removal of drainage structures that had become impacted by the migrating hydrocarbons including catch pits and interceptors;
- Excavation and offsite disposal of soils containing asbestos containing materials (ACMs);
- Independent laboratory analysis of materials demonstrating visual or olfactory evidence of contamination, and excavation and offsite of soils that subsequently failed the Yellow Sub Geo assessment criteria; and
- Demobilisation of plant and equipment from site and removal of skips with the waste being disposed/recycled at suitably licensed facilities.

3.0 Works Completed

3.1 Initial Mobilisation and Working Area Establishment

Sanctus initially mobilised to site on Monday 5th October 2020. As the existing office block was initially to be retained the Sanctus offices and welfare facilities were set up within this area thereby reducing the need elsewhere on site for locating welfare units. As they would no longer be needed, the pre-existing mobile welfare cabins located to the south of the office block were disconnected and removed from site by Bristol Waste. Plant was delivered to the site as necessary and all equipment was checked to confirm it complied with the necessary demolition specifications required for the project.

In addition to the delivery of plant a Sanctus Decontamination Unit and static and mobile dust suppression systems was deployed to site and set-up ready for both the refurbishment and demolition survey and the following asbestos removal works.

3.2 Service Disconnection

Prior to works commencing, the utilities were disconnected from all of the buildings with the exception of the northern end of the office block which had a temporary connection installed to allow it to be used as welfare for the duration of the works up to the point at which the office block was to be demolished. The water feed to the office block was retained up until its demolition to allow the building to be used as welfare. This connection was shut using the stop valve prior to the demolition of the office block. The initial electrical disconnection and installation of a temporary power feed were carried out by PowerTek Services Limited with the full disconnection works and pot ending of the mains electrical feed was carried out by Western Power Distribution prior to the final demolition of the office block. These works were confirmed via email from Western Power Distribution copies of which can be found in Appendix B.

3.3 Asbestos Survey

Prior to disturbing the fabric of any building on site, a fully intrusive Refurbishment and Demolition survey (R&D Survey) was carried out to identify all asbestos containing materials. The survey was undertaken by Dan Ingram and Leigh Wilson with the results being compiled in the Sanctus Asbestos Refurbishment and Demolition Report Ref; S2775-003B.

Throughout the survey task specific PPE including Type 5/6 coveralls and RPE equipped with FFP3 filters was worn. Control measures included hazardous type vacuums, low pressure sprayers and strict decontamination procedures. Control measures were implemented to minimise the risk to site personnel and prevent the spread of asbestos where found.

3.4 Removal of Asbestos from Buildings to be Demolished.

Following completion of the R&D survey suitably trained and competent asbestos operatives were tasked with carrying out the removal of the asbestos containing materials (ACM) from the buildings (in accordance with contractual agreements) prior to demolition. The works were assessed and classified in accordance with the Control of Asbestos Regulations 2012.

All operatives involved in the removal operations were briefed on the Asbestos Plan of Work which detailed the control measures and methods for removal. All ACM were removed from site by a licensed waste haulier to a suitably permitted disposal facility, the details of which can be found in Section 4.

Reassurance and Background air monitoring was carried out to confirm the controls used during the removal of asbestos were suitable and adequate. No exceedances of the control limit were reported. Copies of the air monitoring can be found in Appendix C.

3.5 Soft Strip of Buildings to be Demolished.

Following removal of the ACM from the structures, all non-structural elements were removed from the buildings scheduled for demolition including furniture, doors, carpets, and electrical fittings. These were separated into different wastes streams where possible with recyclable materials including metal and wood placed into separate skips to the non-recyclable wastes. Once the skips were full, they were removed from site, full details of which can be found in Section 4.

3.6 Original Demolition Works

Once the buildings had been cleared of both ACM and non-structural items, the demolition works were able to commence. These were carried out in accordance with the Sanctus Demolition Phase Plan (Ref: S2775-001) and comprised the removal of the buildings using a top-down approach allowing the buildings to be demolished systematically using the mechanical excavators and task specific attachments.

Where Block A connected to the office block, which at the time of the initial site works was to be retained, particular care was taken so as to not damage any of the structure being retained, additionally all exposed doorways were covered and boarded over, using plywood to prevent ingress of wind and rain as well as to prevent unauthorised access. During the demolition works the different materials generated were separated as the works progressed, with timber and metal being separated from the brick and concrete and put into different skips for offsite recycling as detailed in Section 4.

All bricks and concrete were transported using a forward tipping dumper to the stockpiling areas ready for crushing. All sections of reinforced concrete such as that from the ramp and foundation structures were stockpiled separately and a hydraulic breaker was used to separate the rebar reinforcement from the bulk of the concrete allowing the metal to be sent for recycling and the concrete for crushing onsite.

3.7 Removal of Hardstanding

In addition to the demolition of the above ground structures Sanctus were also required to remove areas of concrete and asphalt hardstanding to facilitate the redevelopment following completion of the contracted works. In addition to the removal of the hardstanding any sub-surface structures encountered were broken out to a depth of 1.5m bgl (below ground level). No structures were found to extend below this depth.

Where the hardstanding to be removed comprised asphalt, a sample was recovered prior to its removal to confirm the absence/presence of coal tar as the binding agent. This sample was couriered to an independent MCERTS accredited laboratory for analysis which confirmed the binding agent in the asphalt was not coal tar based and as such could be crushed and used with the brick and concrete to form a recycled 6F2 aggregate.

As the new development was to make use of much of the original hardstanding Sanctus were only required to remove areas of hardstanding that would have to be removed as part of the redevelopment works.

The areas of hardstanding removed by Sanctus during this phase of the works can be found on Sanctus Drawing D2775/001. Additional hardstanding was removed during the removal of hydrocarbon impacted soils as detailed in Section 3.10, the extents of these removal works can be found in Sanctus Drawing D2775/005, both drawings can be found in Appendix A.

3.8 Recycling of Demolition Arisings

Following completion of the initial demolition works, and the removal of the hardstanding, the resulting stockpile of demolition arisings generated was processed to produce a recycled aggregate for reuse during the redevelopment phase of the project. These works were carried out between 2nd November 2020 and 13th November 2020 and comprised passing the materials through a mechanical crusher set to produce a 6F2 graded product. The resulting material stockpile was formed on the central plateau and shaped up to encourage the shedding of rainfall and the minimisation of the washing away of fines during storage. Following completion of the crushing and stockpiling, representative samples of the crush (SP1A and SP1B) were recovered and sent for geotechnical analysis to confirm the crushing had achieved 6f2 grading. Copies of this analysis can be found in Appendix D.

3.9 Removal of Fuel Storage Tanks

As part of the contracted works Sanctus were required to remove a single above ground tank located adjacent to the south side of Block A, as well as 3no below ground tanks located immediately to the north of the office block. These tanks are identified on Sanctus Drawing D2775/001, included within Appendix A.

3.9.1 Emptying and Degassing

As the tanks were found to still contain fuels and residues these required removal and the tanks degassed and made safe before the tanks could be removed from site. As such, Sanctus engaged Ancorra Environmental Services, specialists in tank cleaning and emptying, to remove the fuels from each of the tanks and clean them ready for removal. The tanks were first isolated before a vacuum tanker was used to extract as much of the liquid was possible from the outside before a confined space entry was made to remove the remaining products along with any silts from the bottom of the tanks. Once emptied the inside of the tanks were cleaned to remove any fuel residues and sediment and were degassed to eliminate any explosive atmosphere prior to the removal of the tanks from the ground.

Both the residual fuels and water used to clean the tanks were classified as Hazardous Waste and removed from site for disposal full details of which can be found in Section 4.

Copies of the Hazardous Waste Consignment Note and Gas Free Certificates from the emptying of the tanks can be found in Appendices E and F, respectively.

3.9.2 Above Ground Tank Removal

Following the emptying and cleaning, the above ground tank located to the south of Block A, was removed along with the feed pipes and placed in the metal skip for recycling, and the concrete bund broken out and the feed pipes removed. The Sanctus Environmental Engineer then inspected the soils below the former tank for visual and olfactory evidence of petroleum hydrocarbon contamination with any such impacted soils being excavated and stockpiled and sampled to confirm waste classification prior to offsite disposal as detailed in Section 4.

3.9.3 Below Ground Tank

Investigation of the below ground tank area prior to its removal enabled Sanctus to confirm it comprised 3no separate tanks, rather than a single larger tank. Each individual tank was noted to contain circa 2,000l of fuel. As such, each of these individual tanks required emptying and cleaning prior to removal.

Following the emptying and cleaning of the tanks, the tanks and their concrete surround were broken out with the tanks being placed in the metal skip for recycling and the concrete being stockpiled for recycling.

Once the tanks and concrete had been fully excavated, the surrounding soils were checked by a Sanctus Environmental Engineer for visual and olfactory evidence of contamination with the impacted soils excavated and added to the pre-existing stockpile of impacted soils before removal from site for treatment.

Once all impacted soils had been removed, validation samples were recovered as detailed in Section 3.11 below and the extents of the excavations were surveyed before being backfilled with the site won aggregate.

3.10 Unexpected Contamination

During the removal of the hardstanding on the eastern side of the western plateau, an area of petroleum hydrocarbon impacted soils were identified which Sanctus investigated using trial pits to determine the extents of the impacted and materials and to determine whether or not remedial works were required. These works found concentrations of petroleum hydrocarbons to be present within the granular sub-base of the hardstanding that exceeded the sites reuse criteria and had migrated along a nearby drainage run which had been backfilled with granular materials.

It was also discovered that the hydrocarbons had not penetrated into the underlying low permeability natural clay deposits. In addition to the presence of hydrocarbon contamination within the granular materials an area measuring approximate 10m² was also found to also contain free fibres of chrysotile asbestos

Following discussion with the client's environmental consultants Yellow Sub Geo these petroleum hydrocarbon and asbestos impacted soils were deemed unsuitable to remain on site and as such Sanctus were tasked with their excavation and removal to suitably licensed facilities.

The contaminated soils were excavated under the direct supervision of a Sanctus Environmental Engineer based on the removal of visual and olfactory evidence of contamination along with field measurements being taken using a calibrated Photoionization Detector (PID), using a threshold value of 50ppm as agreed with Yellow Sub Geo. Where the impacted soils were found to extend beneath areas of hardstanding these areas were broken out to the nearest joint in the floor slab (where possible) to leave a clean edge around the edges of the hardstanding free of any protruding rebar.

The area where the asbestos was identified was excavated separately from the rest of the soils and comprised the removal of all Made Ground similar to that of the sample that had been found to contain asbestos. These soils were stockpiled separately and covered in polythene to prevent the release of fibres prior to removal from site.

As the crusher had been demobilised Sanctus considered it more economic to remove the resulting concrete stockpile from site for offsite recycling rather than remobilise the crusher for the volume of material generated.

Following removal of hardstanding in the vicinity of the underground storage tanks to the north of the office block, fragments of asbestos cement sheeting was identified both on the surface and within an area Made Ground measuring 8m x3m and to an undetermined depth. In order to eliminate the risk to the groundworkers and remove any legacy of contamination the client confirmed that these soils were to be removed. As such, Sanctus excavated these soils until no further evidence of asbestos could be seen and the impacted soils were removed from site.

Once the visually and olfactorily impacted soils had been removed from each area the resulting excavation was surveyed and validation samples were recovered as detailed in Section 3.11.

3.11 Validation of Remedial Excavations

Following removal of the impacted soils from around/below each of the tanks as well as the areas of previously unidentified petroleum hydrocarbon and asbestos contamination, representative validation samples were recovered to confirm the remaining soils were suitable to remain. These were recovered on the basis:

- 1no sample per 10m from the sides of a remedial excavation
- 1no sample per 100m² from the base of a remedial excavation; and
- 1no sample per 5m from linear features such as a drain line.

All samples recovered were couriered to an independent MCERTS accredited laboratory for analysis, in accordance with Section 7.5 of the YellowSub Geo Report Hartcliffe Way HRRG Geo-Environmental Assessment. The results of the validation sample analysis were sent to Yellow Sub Geo for assessment who determined whether each sample location was suitable to remain or whether further excavation works were required. Where soils were deemed unsuitable to remain, additional soils were excavated before additional validation samples were recovered. The locations of each of the validation samples recovered, along with the extents of the remedial excavations can be found on Sanctus Drawing D2775/007 in Appendix A.

The remedial works were considered complete following confirmation from YellowSub Geo that the remaining soils at each validation location were suitable to remain. This was confirmed via email on 18th December 2020, a copy of which can be found in Appendix G.

3.12 Demolition of the Office Block

Following the initial demobilisation from site on Wednesday 16th December 2020 further structural assessment of the office block building was carried out by others under the clients request and the decision was made by Bristol Waste to demolish the building rather refurbish the existing building, as this was more economically viable. As such, Sanctus re-mobilised to site on Wednesday 27th January 2021 to carry out the additional works.

Following remobilisation Sanctus commenced the demolition works by removing all of the ACM from the building under controlled conditions and in accordance with the Asbestos Plan of Works which had been updated to reflect these additional works. All ACM products removed were bagged and placed into a sealed skip before being removed from site as waste.

Following removal of the ACMs Sanctus were able to complete the demolition of the office block. As with the demolition of the other structures on site, the different materials within the building were separated out and placed into separate skips for recycling/recovery. It was not considered economical to crush the brick and concrete on site into a reusable aggregate, so these materials were also removed from site and sent for offsite recycling.

Upon completion of the works, including the removal of all wastes from site, Sanctus demobilised all plant and equipment from site on Friday 20th February 2021.

3.13 Installation of Tree Protection Fencing

In addition to the demolition of the office block Sanctus were instructed to erect tree protection fencing around a number of trees which are to be retained for inclusion in the new development. These works were carried out in accordance with the Arboricultural Method Statement produced by Hillside Trees Ltd. The location of the tree protection fencing that was installed can be found on the Tree Protection Plan (Ref: 200417-HAR-TPP-Rev B-DB&AM) a copy of which can be found in Appendix A.

4.0 Waste Disposal

All waste materials including demolition arisings and contaminated soils and stone were segregated based on waste classification sampling and chemical analysis, as well as physical nature.

All movements of waste were undertaken by suitably licenced waste carriers and accompanied by appropriate Duty of Care paperwork. Sanctus reviewed the waste carrier licences and disposal permits prior to material leaving site to confirm they were suitable to carry and accept the waste type.

Copies of the Duty of Care Documentation for each waste stream are included in Appendix E.

4.1 Construction Wastes

During the demolition works Sanctus endeavoured to separate out the different waste streams allowing the recovery of as much of the waste as possible. As such, Sanctus removed the following waste types from site.

Clean brick and concrete, that was broken out post-crushing, was removed by RM Penny (Plant Hire and Demolition) Limited (Waste carriers license CBDU96479) to their own licensed and permitted facility at Wells Road, Emborough, Radstock, Somerset, BA3 4SD (Permit number EPR/JB3833RX).

Clean brick and concrete was also removed from site by ETM Recycling Limited (Waste carriers license CBDU69359) to their own licensed and permitted facility at Longwood Lane, Bristol, BA5 3EP (Permit number EPR/MB33834AV).

Mixed metals (EWC: 19 12 02) were removed by JB Pearce (Waste carriers license AVN/023013) to their own licensed and permitted facility at Downs Yard, Dundry, Bristol, BS41 8LR (Permit number JP3093FH/A001).

Glass (EWC: 17 02 02) was removed by ETM Recycling (Waste carriers license CB/DU69359) to their own licensed and permitted facility at 41 Ashton Vale Road, Ashton Vale, Bristol, BS3 2HW (Permit number EPR/EP3794SH).

Plasterboard (EWC: 17 08 02) was removed by ETM Recycling (Waste carriers license CB/DU69359) to their own licensed and permitted facility at 41 Ashton Vale Road, Ashton Vale, Bristol, BS3 2HW (Permit number EPR/EP3794SH).

Wood and timber (EWC: 17 02 01) was removed by ETM Recycling (Waste carriers license CB/DU69359) to their own licensed and permitted facility at 41 Ashton Vale Road, Ashton Vale, Bristol, BS3 2HW (Permit number EPR/EP3794SH).

General construction wastes (EWC: 17 09 04). were removed by ETM Recycling (Waste carriers license CB/DU69359) to their own licensed and permitted facility at 41 Ashton Vale Road, Ashton Vale, Bristol, BS3 2HW (Permit number EPR/EP3794SH).

Paints and solvents were removed from site by Mark Bull (Waste carriers license CBDU89939) to the Safety Kleen UK Ltd licensed and permitted facility at Unit 202, Longmead Road, Emerald Park, Emersons Green, Bristol, Avon, BS16 7FG (Permit number NP3893FX/V006).

4.2 Soil and Stone containing hazardous substances – 17 05 03*

Soil containing hazardous substances (petroleum hydrocarbons) were removed by RM Penny (Plant Hire and Demolition) Limited (Waste carriers license CBDU96479) to Biffa Waste's licensed and permitted facility at Trecatti Landfill Site, Fochriw, Merthyr Tydfil, Mid Glamorgan, CF48 4AB (Permit number EPR/RP3733PC).

Soil containing hazardous substances (asbestos fragments and fibres >0.1%) were removed by RM Penny (Plant Hire and Demolition) Limited (Waste carriers license CBDU96479) to Biffa Waste's licensed and permitted facility at Trecatti Landfill Site, Fochriw, Merthyr Tydfil, Mid Glamorgan, CF48 4AB (Permit number EPR/RP3733PC).

Concrete with asbestos cement sheeting adhered to it was removed by RM Penny (Plant Hire and Demolition) Limited (Waste carriers license CBDU96479) to Hills Waste Solutions licensed and permitted facility at Parkgate Farm, Mopes Lane, Purton, Swindon, Wiltshire, SN5 4HG (Permit number EPR/NP3934LH).

4.3 Asbestos Waste – 17 06 05*

Asbestos containing materials from the removal works, as well as used asbestos PPE, RPE and polythene was disposed of in accordance with the Sanctus Plan of Works and Standard Operating Procedures. Sealed skips of waste were removed from site by Windsor Waste Management Ltd (Waste carriers license – CBDU63545) to Hills Waste Solutions Limited – Parkgate Farm Waste Facility, Mopes Lane, Purton, Swindon, Wiltshire, SN5 4HG (Permit number EPR/NP3934LH).

4.4 Fuel Tank Contents – 16 07 09*

Mixed water and fuel was removed from the former fuel tanks on site . The waste was removed by Ancorra Environmental Services (Waste carriers license CBDU81563) and taken to Adler and Allen Ltd - Unit 3, Harcourt Street, Walkden, Worsley, Manchester, M28 3GN, (permit number SP3492CJ/A001).

Appendix A

Drawings

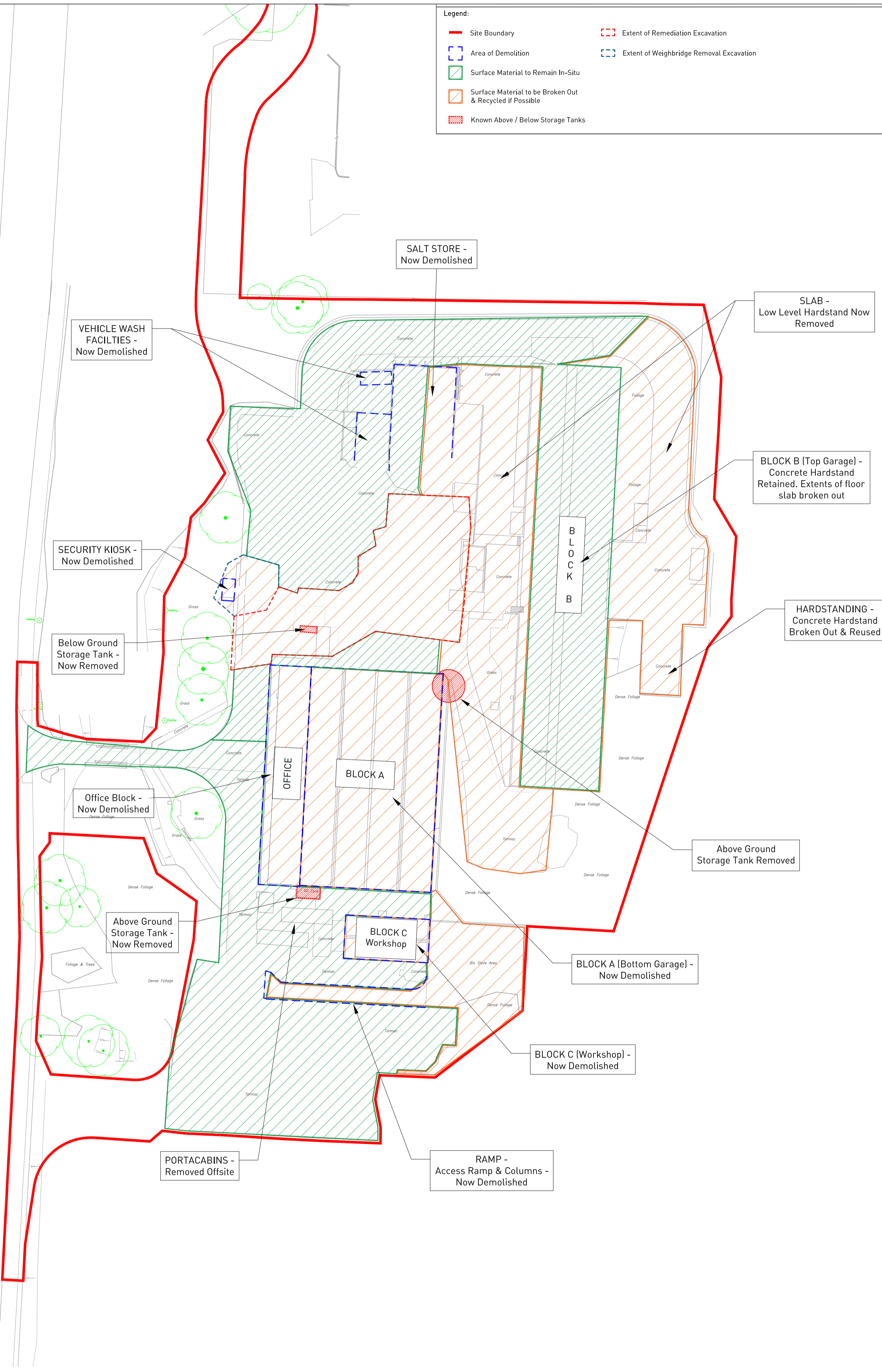


Legend:

Site Boundary	Extent of Remediation Excavation
Area of Demolition	Extent of Weighbridge Removal Excavation
Surface Material to Remain In-Situ	
Surface Material to be Broken Out & Recycled if Possible	
Known Above / Below Storage Tanks	

HARTCLIFFE WAY

HARTCLIFFE WAY



0m 5m 10m 20m



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Drawing Notes:
 Based on SLR Global Environmental Solutions's DWG - DEM-005 Surfacing Plan. All locations are approximate. Must be printed in colour. Please do not scale from this drawing.

Site Address:
 83 Hartcliffe Way
 Bristol
 BS3 5RN

Rev.	Description	Date
A	First Issue	17/03/2020
B	Annotations Updated	08/03/2021

Project Name: Hartcliffe Way, Bristol		
Client: Bristol Waste Company		
Drawing Title: Demolition Plan		
Contract No: S2775	Drawing No: D2775/001	Scale @ A2: 1:500
Drawn By: JH	QC Check By: ST	Approved By: ST



HARTCLIFFE WAY

Legend:

- Site Boundary
- Extents of Remediation Excavations
- Extents of Weighbridge Removal Works - No Contamination Present
- Route of Former Hydrocarbon Impacted Drainage - Now Removed



NB: Base plan shows pre-demolition layout for context only. Buildings and some features now removed.



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Drawing Notes:
 Based on SLR Global Environmental Soution's DWG - DEM-005 Surfacing Plan. All levels shown in mAOD. Must be printed in colour. Please do not scale from this drawing.

Site Address:
 83 Hartcliffe Way
 Bristol
 BS3 5RN

Rev.	Description	Date
A	First Issue	20/01/2021

Project Name: Hartcliffe Way, Bristol		
Client: Bristol Waste Company		
Drawing Title: Remediation Excavation Extents As Built Survey		
Contract No: S2775	Drawing No: D2775/005	Scale @ A3: 1:500 / See Inset
Drawn By: JH	QC Check By: ST	Approved By: ST



HARTCLIFFE WAY

Legend:			
	Site Boundary		Extents of Tank Removal Remedial Works
	Extents of Remediation Excavations		Extents of Catch Pit Removal Remedial Works
	Validation Sample Location		Extents of Unidentified Asbestos Contamination Removal
	Extents of Previously Unidentified Hydrocarbon Contamination		Route of Former Hydrocarbon Impacted Drainage - Now Removed



NB: Base plan shows pre-demolition layout for context only. Buildings and some features now removed.

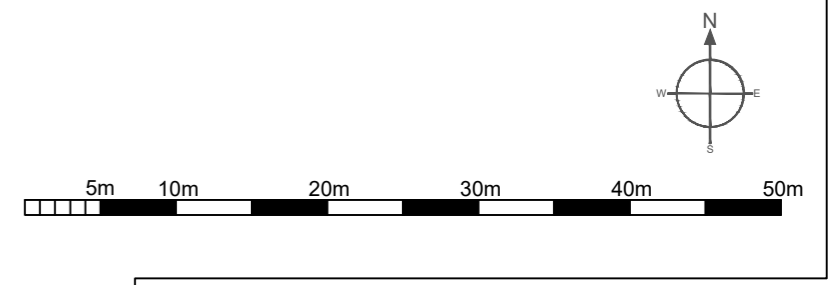
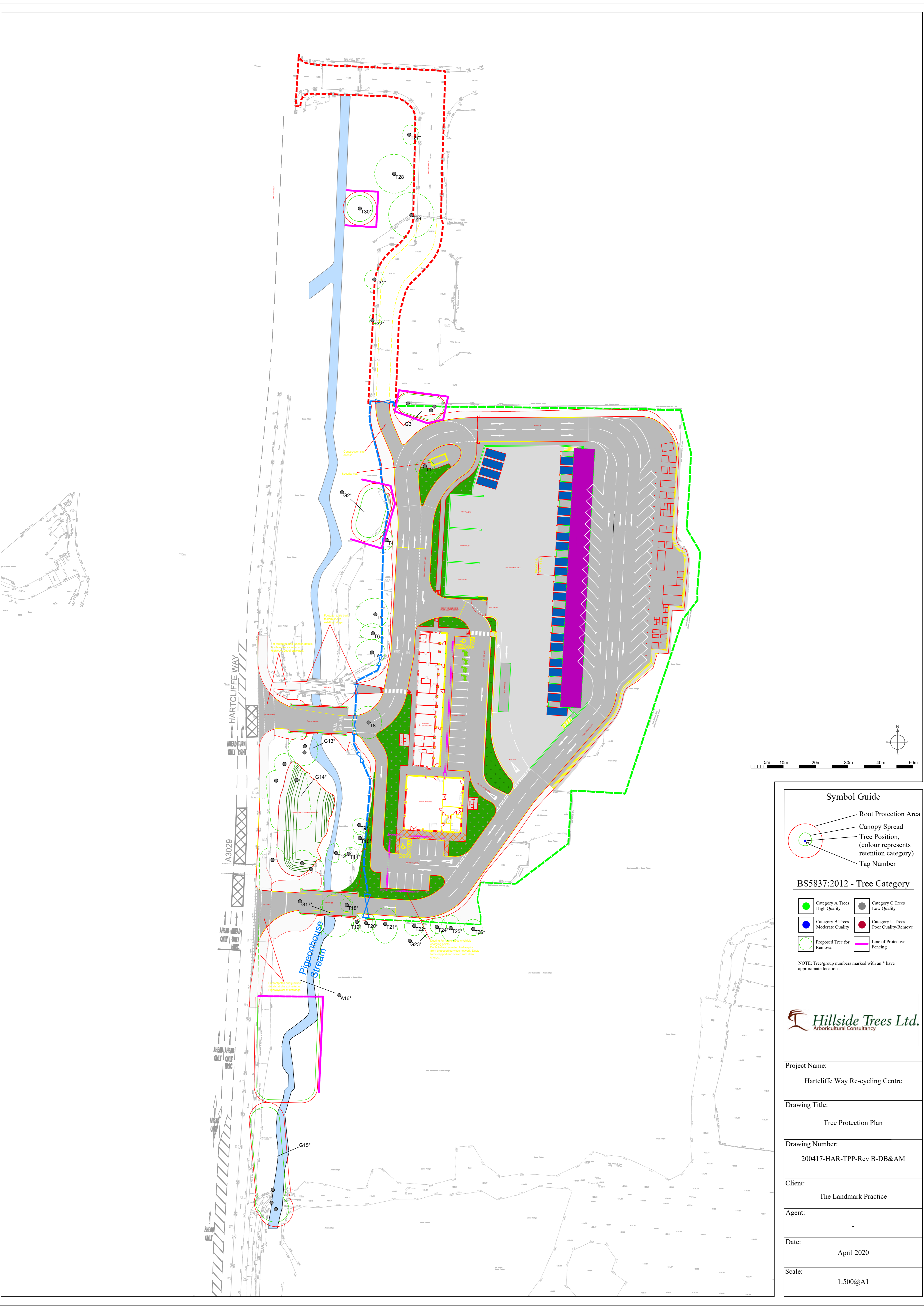
Sanctus House, Olympus Park Business Centre,
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Drawing Notes:
 Based on SLR Global Environmental Soutlion's DWG - DEM-005 Surfacing Plan. All levels shown in mAOD. Must be printed in colour. Please do not scale from this drawing.

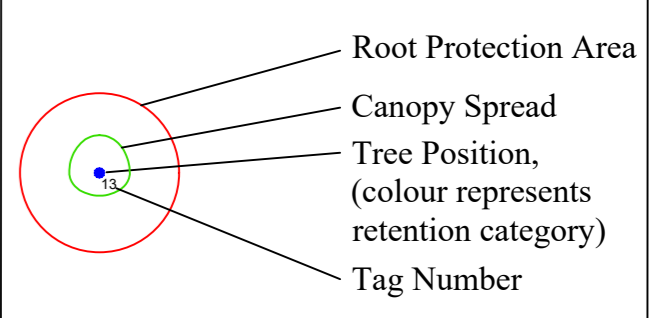
Site Address:
 83 Hartcliffe Way
 Bristol
 BS3 5RN

Rev.	Description	Date
A	First Issue	16/02/2021

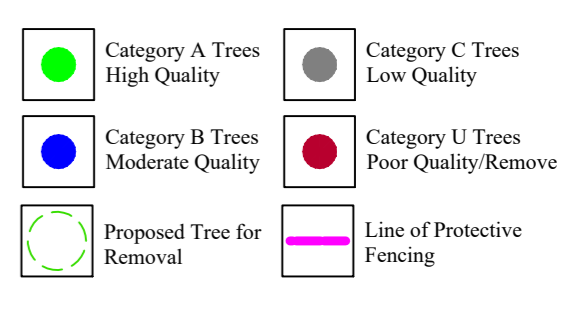
Project Name: Hartcliffe Way, Bristol		
Client: Bristol Waste Company		
Drawing Title: Validation Sample Location Plan		
Contract No: S2775	Drawing No: D2775/007	Scale @ A3: 1:500 / See Inset
Drawn By: JH	QC Check By: ST	Approved By: ST



Symbol Guide



BS5837:2012 - Tree Category



NOTE: Tree/group numbers marked with an * have approximate locations.



Project Name:
Hartcliffe Way Re-cycling Centre

Drawing Title:
Tree Protection Plan

Drawing Number:
200417-HAR-TPP-Rev B-DB&AM

Client:
The Landmark Practice

Agent:
-

Date:
April 2020

Scale:
1:500@A1

Appendix B

Western Power Distribution Correspondance

From: Bolt, Sue <sbolt@westernpower.co.uk>
Sent: 09 February 2021 13:33
To: Robert Lucas <rlucas@sanctusltd.co.uk>
Subject: RE: 3795391 - 83 Hartcliffe Way, Bristol BS3 5RN

CAUTION: This message originated outside Sanctus, please exercise caution with attachments or hyperlinks. If in any doubt, contact IT Services immediately.

Hi Rob

I can confirm that the building is now isolated and I'll get some documentation over to you asap.

Kind regards

Sue

From: Robert Lucas <rlucas@sanctusltd.co.uk>
Sent: 08 February 2021 12:47
To: Bolt, Sue <sbolt@westernpower.co.uk>
Cc: Russell Crook <rcrook@sanctusltd.co.uk>; Shaun Tolfree <stolfree@sanctusltd.co.uk>
Subject: RE: 3795391 - 83 Hartcliffe Way, Bristol BS3 5RN

CAUTION: This email originated from outside of Western Power Distribution. Do not click links or open attachments unless you recognise the sender and know the content is safe. **If you notice anything suspicious please contact the WPD Cyber Team (email: wpcyberteam@westernpower.co.uk)**

Sue

Many thanks for the disconnection this morning, all appeared to go like clockwork.

Your electricians have verbally confirmed to me the disconnection, but for our QA and the Clients benefit, could you confirm back that the building is now isolated please.

Kindest regards

Rob Lucas, Construction Design Manager



Sanctus Limited

Sanctus House, 1 Olympus Park Business Centre, Quedgeley
Gloucester, Gloucestershire, GL2 4DH

01453 828 222

07825239708

www.sanctusltd.co.uk

rlucas@sanctusltd.co.uk

Sanctus Limited Registered in England No. 4886688, Registered VAT No GB 826 3465 21

Registered Office: Sanctus House, 1 Olympus Park Business Centre, Quedgeley, Gloucester, Gloucestershire, GL2 4DH

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From: Bolt, Sue <sbolt@westernpower.co.uk>
Sent: 04 February 2021 13:30
To: Robert Lucas <rlucas@sanctusltd.co.uk>
Subject: RE: 3795391 - 83 Hartcliffe Way, Bristol BS3 5RN

CAUTION: This message originated outside Sanctus, please exercise caution with attachments or hyperlinks. If in any doubt, contact IT Services immediately.

Hi Rob

It's scheduled for am so they should be with you around 9ish

Kind regards

Sue

From: Robert Lucas <rlucas@sanctusltd.co.uk>
Sent: 04 February 2021 13:06
To: Bolt, Sue <sbolt@westernpower.co.uk>
Cc: Russell Crook <rcrook@sanctusltd.co.uk>; Dan Ingram <dingram@sanctusltd.co.uk>
Subject: RE: 3795391 - 83 Hartcliffe Way, Bristol BS3 5RN

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Good afternoon Sue

Further to your confirmation of disconnection to 83 Hartcliffe Way RE:3795391, on Monday next week, please can you advise if the work is to be carried out either am or pm.
Note the meter will be removed tomorrow and the joint pit is excavated.

Kind regards

Rob Lucas, Construction Design Manager



Sanctus Limited

Sanctus House, 1 Olympus Park Business Centre, Quedgeley
Gloucester, Gloucestershire, GL2 4DH

01453 828 222

07825239708

www.sanctusltd.co.uk

rlucas@sanctusltd.co.uk

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Registered Office: Sanctus House, 1 Olympus Park Business Centre, Quedgeley, Gloucester, Gloucestershire, GL2 4DH

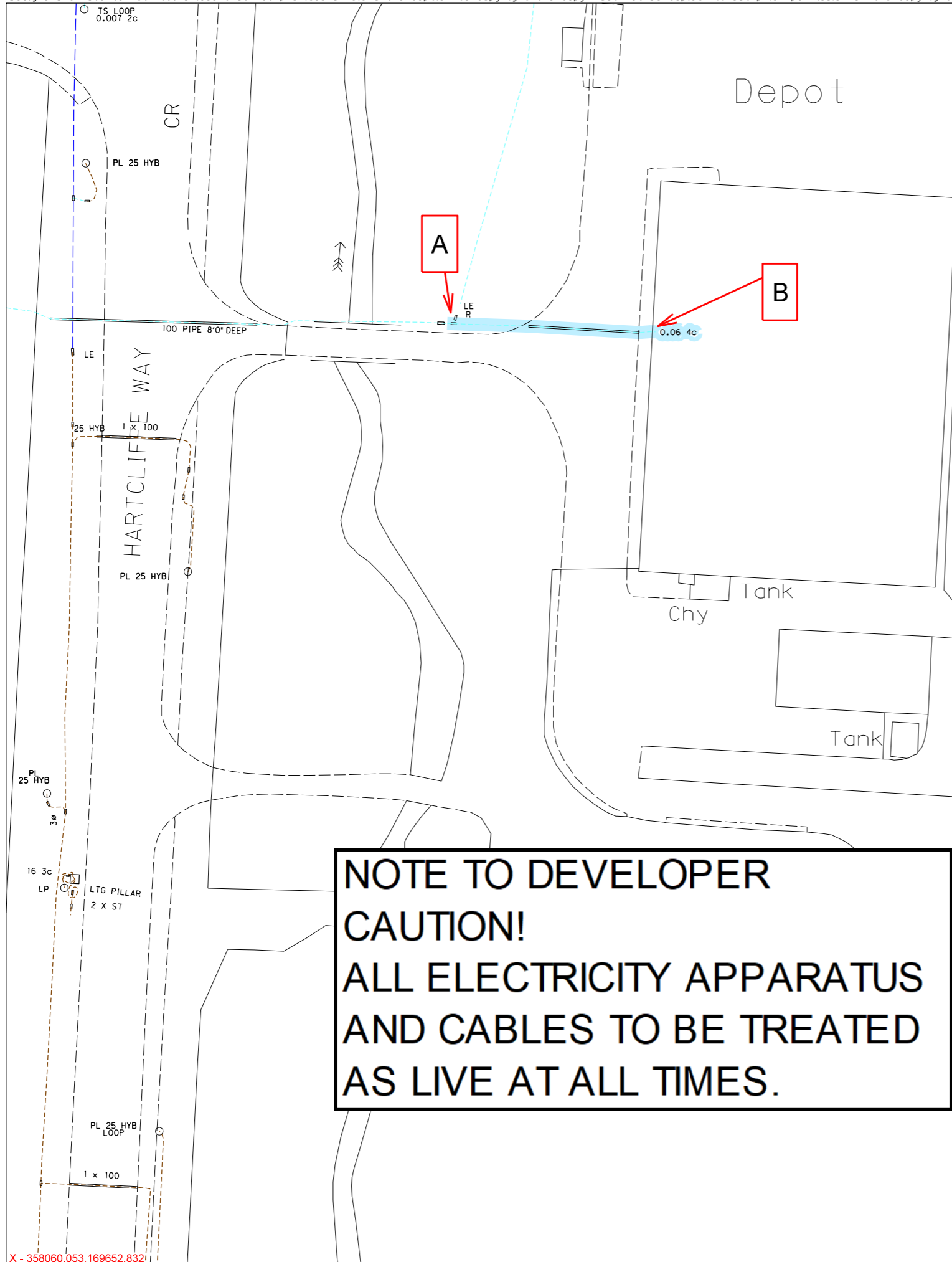
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Information is given as a guide only and its accuracy cannot be guaranteed.

PLEASE NOTE: This plan ONLY shows assets owned by Western Power Distribution. Electricity assets owned by IDNO's (Independent Network Operators) MAY be present in this area.

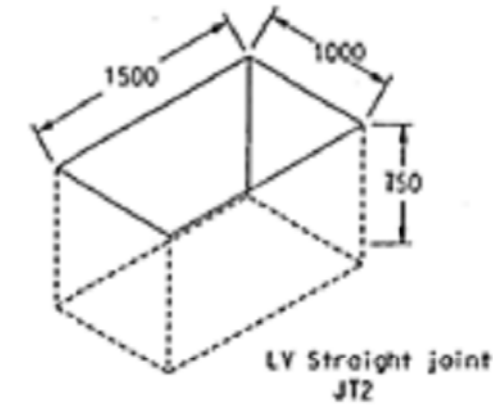


WPD Jointer:

- Install service pot end on existing 0.06 4c service.
- Remove cut out from location B.
- Prove dead at points A & B.

Developer:

- Provide JT2 joint pit at location A exposing existing cable.
- Arrange for existing meter to be removed prior to WPD arrival.



**NOTE TO DEVELOPER
CAUTION!
ALL ELECTRICITY APPARATUS
AND CABLES TO BE TREATED
AS LIVE AT ALL TIMES.**

REV.	DATE	SCHEME PROGRESS BLOCK	DRN	CHK'D
01	30/10/20	Disconnection	TS	---
.
.
.
.
.

WESTERN POWER DISTRIBUTION
Serving the Midlands, South West and Wales

TITLE
•83 Hartcliffe Way
•Bristol
•BS3 5RN

UNDERGROUND CABLES
132KV --- 33KV --- 11KV
L.V. SERVICE STREET LTG.
HV EARTH LV EARTH EARTH ELECTRODE

OVERHEAD LINES
132KV --- 33KV --- 11KV --- L.V.
SERVICE STREET LTG.

SERVICES CABLE SIZES AS SHOWN PYLON ☒ POLE ○ STAY —

DUCT & ALKATHENE TUBE — HOUSE METER POSITIONS - EXTERNAL INTERNAL

SURF TELECOMS S — S PILOT CABLES P — P

PROPOSALS ■ ALTERATIONS ■ DISMANTLED ■

TRAFFIC SENSITIVE AREA YES/NO

DEVELOPER.
BUILDER.
ARCHITECT Drg. No.
O.S. MAP.
SCALE 1:500 @ A3
PARISH.
11KV DIAG.
LV. DIAG.
PLAN No. 11.3795361

X - 358060,053,169652,832

Appendix C

Reassurance Air Monitoring

Analytical Project Report



Project No.: W6746 Shift No.: 01

Page 1 of 4

Client Name	Sanctus Ltd - Bristol waste company
Site Address	Hartcliffe Way, Bristol, BS35RN

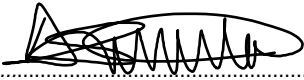
Time	Site Log
08:17	Arrive on site
08:21	Sign in
09:06	Induction completed
09:17	Set up site laboratory
09:35	3x Reassurance pumps activated within factory area - Asbestos corrugated cement roof sheets being removed from MEWP
09:36	1x Personal pump activated on Aaron Morgan
10:41	3x Reassurance pumps switched off
10:44	3x Reassurance pumps activated
11:14	First lot of air samples counted & the results were found to be satisfactory <0.01f/cm3
11:45	3x Reassurance air tests switched off & Personal pump also switched off
11:47	3x More reassurance pumps activated within warehouse area
12:13	Slides counted and results were found to be satisfactory <0.01f/cm3
12:27	All remaining pumps switched off
12:44	All slides counted & results were found to be satisfactory <0.01f/cm3
12:54	Site laboratory packed up & leave site
	Personal air monitoring result was found to be satisfactory <0.01f/cm3

Note: Information given is supplementary so the 4SC report and does not form part of the 4SC certification.

Daily Inspection / Checks

Hygiene unit clean and connected to services	N/A	Enclosure asbestos warning signs	N/A
Transit route sealed off and signed	N/A	Respirator area warning signs	N/A
Waste / skip area locked	N/A	Enclosure seals checked and intact	N/A
Warning labels attached to skip	N/A	Adequate negative pressure / airflow	N/A
Copy of Method Statement read	N/A	NPU vented outside building	N/A
Operatives transiting in accordance with HSG247			N/A
Regular inspection of all areas (enclosure, transit route, surroundings and skip)			N/A
Were any defects / problems brought to the attention of the contractor?			N/A
All bagged asbestos locked in waste / skip area at the end of the shift (if applicable)?			N/A
Site in clean, safe & tidy condition at the end of the shift?			N/A

Analyst Name: Andrew Smith

Signature: 

Date: 14/10/2020

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Hertfordshire
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LES 09 LOG V1.1 June 2018



0610

Airborne Fibre Concentration Report



Project No.: W6746 AMC: 01 Shift No.: 01

Page 2 of 4

Name and address of client	Sanctus Ltd - Bristol waste company
Site address	Hartcliffe Way, Bristol, BS35RN
Brief description of works including location	The removal of asbestos corrugated cement roof sheets from main warehouse roof
Name of asbestos contractor	Sanctus Ltd

KEY: L = Leak; B = Background; CL = Clearance Testing; R = Reassurance; FB = Field Blank; MNC = Mounted Not Counted

Test No.	Pump Ref.	Cowl Ref.	Key	Location/Area	Temp (°C)	Pressure (mb)	Sampling Times (24hr)		Rates of Flow (l/min)		Corrected flow (l/min)	Volume (litres)	Fibres	Fields	Limit Of Quantification (f/ml to 3 dec. places)	Calculated Result (f/ml to 3 dec. places)	Reported Result (f/ml)
							Start	Stop	Start	Stop							
01	HS1342	HS1330	R	Warehouse	15.1	1017.5	09:35	10:41	8.0	8.0	N/A	528	1.0	182	0.010	0.001	<0.01
02	HS1339	HS1331	R	Warehouse	15.1	1017.5	09:35	10:41	8.0	8.0	N/A	528	2.0	182	0.010	0.001	<0.01
03	HS0328	HS1333	R	Warehouse	15.1	1017.5	09:35	10:41	8.0	8.0	N/A	528	0.5	182	0.010	0.001	<0.01
04	HS1339	HS1335	R	Warehouse	15.3	1017.2	10:44	11:45	8.0	8.0	N/A	488	2.5	197	0.010	0.001	<0.01
05	HS1342	HS1336	R	Warehouse	15.3	1017.2	10:44	11:45	8.0	8.0	N/A	488	1.0	197	0.010	0.001	<0.01
06	HS0328	HS1330	R	Warehouse	15.3	1017.2	10:44	11:45	8.0	8.0	N/A	488	1.5	197	0.010	0.001	<0.01
07	HS1339	HS1333	R	Warehouse	15.7	1016.8	11:47	12:27	12.0	12.0	N/A	480	1.5	200	0.010	0.001	<0.01
08	HS1342	HS1343	R	Warehouse	15.7	1016.8	11:47	12:27	12.0	12.0	N/A	480	1.0	200	0.010	0.001	<0.01
09	HS0328	HS1331	R	Warehouse	15.7	1016.8	11:47	12:27	12.0	12.0	N/A	480	2.0	200	0.010	0.001	<0.01
			-	End of testing													
			-														
			-														
			FB				-	-	-	-	-	-	-	-	-	-	-


- Life Environmental is accredited by UKAS (number 0610) for sampling and fibre counting for asbestos in air. This is carried out in accordance with HSG248 and documented in house methods.
- This certificate should not be taken as an indication of the suitability of an area for reoccupation following asbestos abatement works unless accompanied by a Life Environmental certification of reoccupation report.
- Results of any reassurance testing carried out by Life Environmental Services Limited in accordance with HSG248 is only valid for the time that it was carried out and does not reflect the air/fibre concentration at any other point in time.
- The number of fibres reported is for all countable respirable fibres in line with HSG248 The Analyst Guide and is not just asbestos fibres.

Microscope No.	HS0827	Due Date:	08/08/2020
Flow Meter No.	HS2081	Due Date:	05/08/2020
Stage Micrometer No.	HS1757	Due Date:	05/07/2021
Watch/Thermometer/Barometer No.	HS0252	Due Date:	08/07/2021

HSE/NPL Test Slide No.	HS1328
Band 5 observed? Yes/No	Yes
Exposed filter diameter (mm)	21.5
Membrane Filter Ref. No.	FM25080

Graticule Diameter (Microns)	98.00
Equipment and Reagents satisfactory before starting works? Yes/No	Yes
Lab Air Test Completed? Yes/No	No

Analyst Name(s): Andrew Smith

Signature: 

Date: 14/10/2020

Time: 12:45

Head Office

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Hertfordshire
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Fax: 01279 503162

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LES 01 Airborne Fibre Concentration Report V1.3 September 2018



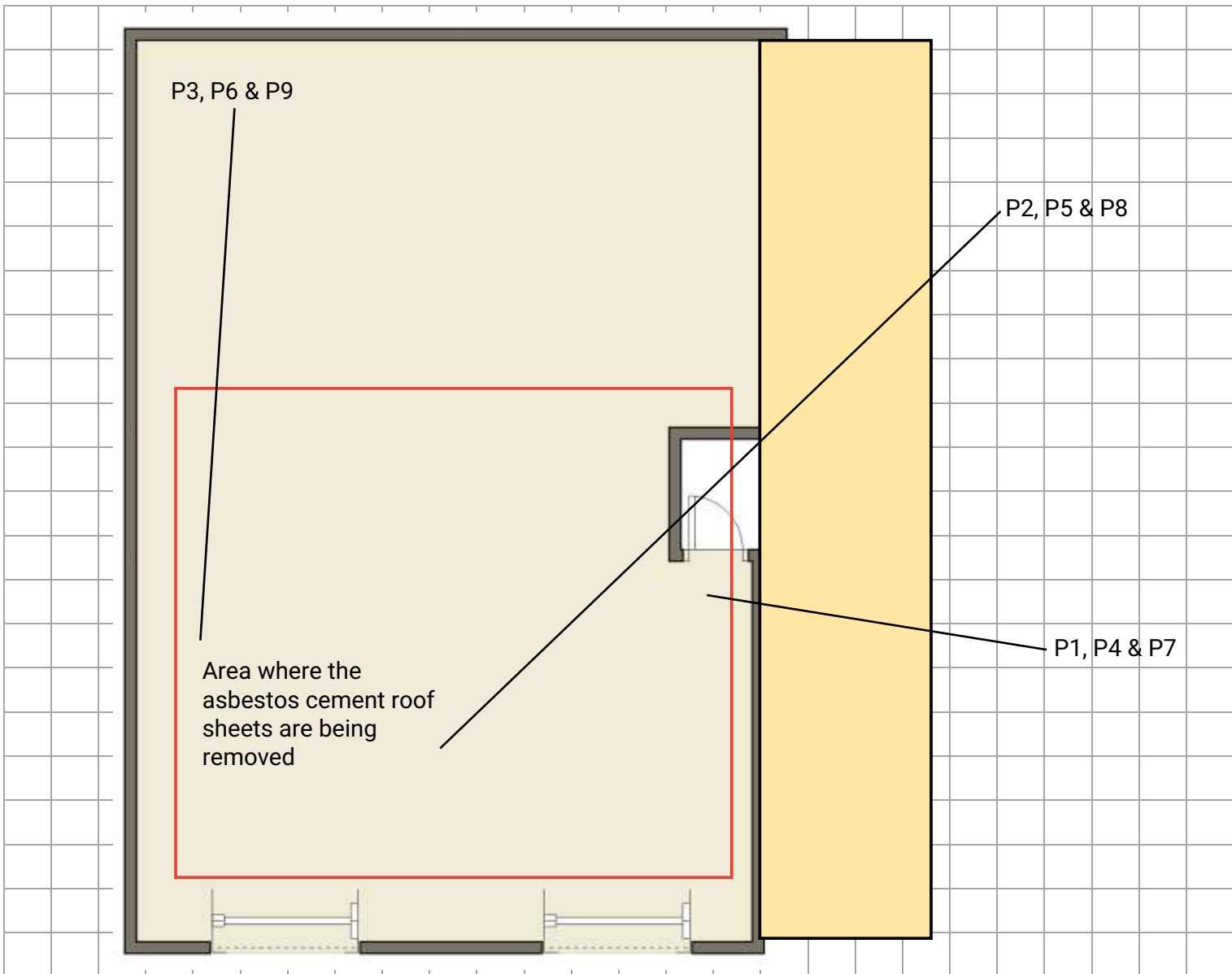
0610

Project No.: **W6746** AMC: 01 Shift No.: **01**

Page 3 of 4

DRAWING FOR CERTIFICATE OF REOCCUPATION SHOULD SHOW LOCATION OF REMOVED ACMS AND ANY REMAINING ACMS. DIMENSIONS ARE APPROXIMATE.

Work Area Dimensions				
Height (m):	Width (m):	Length (m):	Area (m ²):	Volume (m ³):



Analyst Name: Andrew Smith Signature: Date: 14/10/2020 Time: **12:15**

Contractors Name: _____ Signature: _____ Date: _____ Time: _____

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 LES 04 Site Drawing of Work Area
 V2.2 Sept 2018

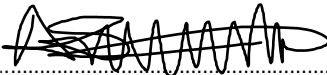


Project No.: W6746 Shift No.: 01

Page 4 of 4

		
<p>Reason for Photo: General view</p> <p>Comments: General view of warehouse</p>	<p>Reason for Photo: General view</p> <p>Comments: Operatives on MEWP removing the asbestos corrugated cement roof sheets</p>	<p>Reason for Photo: General view</p> <p>Comments: Corrugated cement roof sheets being removed</p>
		
<p>Reason for Photo: General view</p> <p>Comments: General view of warehouse</p>	<p>Reason for Photo: General view</p> <p>Comments: 2x MEWPS with two lots of operatives removing asbestos corrugated cement roof sheets</p>	<p>Reason for Photo: -</p> <p>Comments:</p>

Analyst Name: Andrew Smith

Signature: 

Date: 14/10/2020

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LES 05 Air Testing Site Photos V1.1



0610

Personal Air Monitoring Report



Project No.: W6746 AMC: 02 Shift No.: 01

Page 1 of 1

Name and address of client	Sanctus Ltd - Bristol waste company
Site address	Hartcliffe Way, Bristol, BS35RN

Test No.	Pump Ref.	Cowl Ref.	Key	Sampling Times (24hr)		Rates of Flow (l/min)		Corrected flow (l/min)	Volume (litres)	Fibres	Fields	Limit Of Quantification (f/ml to 3 dec. places)	Calculated Result (f/ml to 3 dec. places)	Reported Result (f/ml)
				Start	Stop	Start	Stop							
01	HS0045	HS1363	P	09:36	11:41	2.0	2.0	N/A	250	4.0	100	0.038	0.007	<0.04

Photo 1: Photos

Name: Aaron Morgan Employer: Sanctus Ltd Job Title: LARC Type of RPE Used: Half Face

Work Area: Warehouse Area

Work Activities during monitoring & Asbestos materials involved: Removal of corrugated asbestos cement sheet roofing - Chrysotile

Condition: Good Fair Poor ACM Extent: Throughout - To roof

Control measures: Full Enclosure Partial Enclosure Glove Bags Shadow Vacuum Wrap & Cut Gels / Paste
 Injection Machine Model / Type Airless Sprayer
 Surfactant Used Wetting Agent / ET150 Other Pump sprayer

Work activity methods involved:

Unscrewing with hand tools <input checked="" type="checkbox"/>	Unscrewing using cordless drill <input checked="" type="checkbox"/>	Depinning with hand tools <input checked="" type="checkbox"/>	Lifting / hand picking <input checked="" type="checkbox"/>
Whole removal of panels <input checked="" type="checkbox"/>	Slight breaking of panels <input checked="" type="checkbox"/>	Complete breakage of panels <input type="checkbox"/>	Wire brushing / scraping <input type="checkbox"/>
Other hand tool methods <input checked="" type="checkbox"/>	Unravelling / Splitting <input type="checkbox"/>	Use of steamers <input type="checkbox"/>	Drilling <input type="checkbox"/>
Direct pressure blasting <input type="checkbox"/>	Kango breaker <input type="checkbox"/>	Use of machinery <input checked="" type="checkbox"/>	Details <input type="checkbox"/>
Encapsulation (protecting) <input type="checkbox"/>	Encapsulation (Brushing) <input type="checkbox"/>	Encapsulation (Spraying) <input type="checkbox"/>	Bagging of Waste at Source <input checked="" type="checkbox"/>
None <input type="checkbox"/>	Other / Comments	Cement roof sheets taken down using 2x MEWPs	

In line with General Data Protection Regulations (GDPR), does the operative give consent for his / her personal information to be recorded? **Yes**

If operative does not give consent, please refer to him / her as Operative A, B, etc.

Photo 1:

KEY: Types of personal air monitoring testing - (RPE) Selection or respiratory protection equipment (CM) Compliance Testing against control limit/STEL

Microscope No.	HS0827	Due Date:	08/08/2020
Flow Meter No.	HS0259	Due Date:	06/10/2020
Stage Micrometer No.	HS1757	Due Date:	05/07/2021
Watch/Thermometer/Barometer No.	HS0252	Due Date:	08/07/2021

HSE/NPL Test Slide No.	HS1328
Band 5 observed? Yes/No	Yes
Exposed filter diameter (mm)	21.5
Membrane Filter Ref. No.	FM25080

Graticule Diameter (Microns)	98.00
Equipment and Reagents satisfactory before starting works? Yes/No	Yes

Analyst Name(s): Andrew Smith

Signature:

Date: 14/10/2020

Time: 12:50

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LES 06 Personal Air Monitoring Report V1.3 September 2018



0610

Analytical Project Report



Project No.: W6746 Shift No.: 02

Page 1 of 4

Client Name	Sanctus Ltd - Bristol waste company
Site Address	Hartcliffe Way, Bristol, BS35RN

Time	Site Log
08:31	Arrive on site
08:34	Sign in
08:45	Discuss the plan of work for the day
08:58	Set up site laboratory
09:19	2x Background pumps activated within warehouse area
09:20	1x Personal pump activated on Aaron Morgan within warehouse area
09:41	1x background pump activated for site laboratory
10:41	2x Background pumps switched off
10:43	3x more background pumps activated within warehouse area
10:41	1x Background pump switched off within site laboratory
11:13	Slides counted and the results were found to be satisfactory <0.01f/cm3
12:08	3x Background pumps & Personal pump switched off from within warehouse area
12:35	Count remaining slides and results were found to be satisfactory
12:45	Site laboratory packed up
12:48	Leave site
	Personal air monitoring result was found to be satisfactory <0.01f/ml
	All asbestos cement corrugated roof sheets were completely removed early morning & the sheets are going to be moved once the operatives have had a good
	check to make sure there's no remaining debris to roofing frames

Note: Information given is supplementary so the 4SC report and does not form part of the 4SC certification.

Daily Inspection / Checks

Hygiene unit clean and connected to services	N/A	Enclosure asbestos warning signs	N/A
Transit route sealed off and signed	N/A	Respirator area warning signs	N/A
Waste / skip area locked	N/A	Enclosure seals checked and intact	N/A
Warning labels attached to skip	N/A	Adequate negative pressure / airflow	N/A
Copy of Method Statement read	N/A	NPU vented outside building	N/A
Operatives transiting in accordance with HSG247			N/A
Regular inspection of all areas (enclosure, transit route, surroundings and skip)			N/A
Were any defects / problems brought to the attention of the contractor?			N/A
All bagged asbestos locked in waste / skip area at the end of the shift (if applicable)?			N/A
Site in clean, safe & tidy condition at the end of the shift?			N/A

Analyst Name: Andrew Smith

Signature: 

Date: 16/10/2020

Head Office

4 Duckett's Wharf
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Bishop's Stortford
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LES 09 LOG V1.1 June 2018



0610

Airborne Fibre Concentration Report



Project No.: W6746 AMC: 01 Shift No.: 02

Page 2 of 4

Name and address of client	Sanctus Ltd - Bristol waste company
Site address	Hartcliffe Way, Bristol, BS35RN
Brief description of works including location	The removal of asbestos corrugated cement roof sheets from main warehouse roof & Background air monitoring while the sheets are being moved and roofing frames checked for debris
Name of asbestos contractor	Sanctus Ltd

KEY: L = Leak; B = Background; CL = Clearance Testing; R = Reassurance; FB = Field Blank; MNC = Mounted Not Counted

Test No.	Pump Ref.	Cowl Ref.	Key	Location/Area	Temp (°C)	Pressure (mb)	Sampling Times (24hr)		Rates of Flow (l/min)		Corrected flow (l/min)	Volume (litres)	Fibres	Fields	Limit Of Quantification (f/ml to 3 dec. places)	Calculated Result (f/ml to 3 dec. places)	Reported Result (f/ml)
							Start	Stop	Start	Stop							
01	HS1339	HS1333	B	Warehouse	14.6	1012.6	09:19	10:41	6.0	6.0	N/A	492	1.0	195	0.010	0.001	<0.01
02	HS0328	HS1331	B	Warehouse	14.6	1012.6	09:19	10:41	6.0	6.0	N/A	492	2.0	195	0.010	0.001	<0.01
03	HS1342	HS1343	B	Kitchen / Site Laboratory	14.5	1012.4	09:41	10:41	8.0	8.0	N/A	480	3.0	200	0.010	0.001	<0.01
04	HS1339	HS1330	B	Warehouse	14.5	1012.2	10:43	12:08	6.0	6.0	N/A	510	1.5	188	0.010	0.001	<0.01
05	HS0328	HS1335	B	Warehouse	14.5	1012.2	10:43	12:08	6.0	6.0	N/A	510	2.5	188	0.010	0.001	<0.01
06	HS1342	HS1336	B	Warehouse	14.5	1012.2	10:44	12:09	6.0	6.0	N/A	510	1.0	188	0.010	0.001	<0.01
			-														
			-														
			-														
			-														
			-														
			-														
			-														
			FB				-	-	-	-	-	-	-	-	-	-	-


- Life Environmental is accredited by UKAS (number 0610) for sampling and fibre counting for asbestos in air. This is carried out in accordance with HSG248 and documented in house methods.
- This certificate should not be taken as an indication of the suitability of an area for reoccupation following asbestos abatement works unless accompanied by a Life Environmental certification of reoccupation report.
- Results of any reassurance testing carried out by Life Environmental Services Limited in accordance with HSG248 is only valid for the time that it was carried out and does not reflect the air/fibre concentration at any other point in time.
- The number of fibres reported is for all countable respirable fibres in line with HSG248 The Analyst Guide and is not just asbestos fibres.

Microscope No.	HS0827	Due Date:	08/08/2020
Flow Meter No.	HS2080	Due Date:	25/10/2020
Stage Micrometer No.	HS1757	Due Date:	05/07/2021
Watch/Thermometer/Barometer No.	HS0252	Due Date:	08/07/2021

HSE/NPL Test Slide No.	HS1328
Band 5 observed? Yes/No	Yes
Exposed filter diameter (mm)	21.7
Membrane Filter Ref. No.	FM25080

Graticule Diameter (Microns)	98.00
Equipment and Reagents satisfactory before starting works? Yes/No	Yes
Lab Air Test Completed? Yes/No	No

Analyst Name(s): Andrew Smith

Signature: 

Date: 16/10/2020

Time: 12:35

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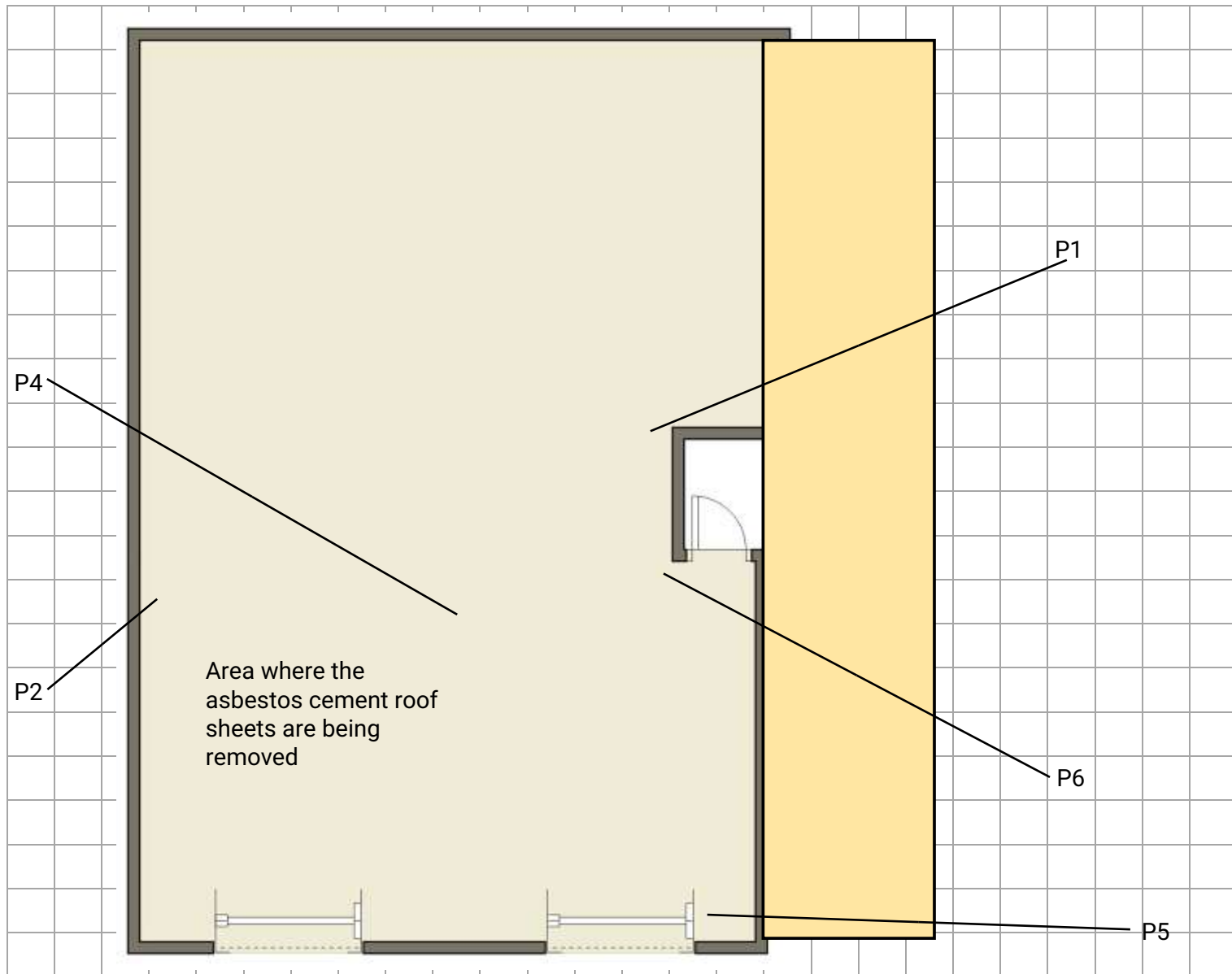
0610

Project No.: **W6746** AMC: 01 Shift No.: **02**

Page 3 of 4

DRAWING FOR CERTIFICATE OF REOCCUPATION SHOULD SHOW LOCATION OF REMOVED ACMS AND ANY REMAINING ACMS. DIMENSIONS ARE APPROXIMATE.

Work Area Dimensions				
Height (m):	Width (m):	Length (m):	Area (m ²):	Volume (m ³):



Analyst Name: Andrew Smith Signature: Date: 16/10/2020 Time: **12:04**

Contractors Name: _____ Signature: _____ Date: _____ Time: _____

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 LES 04 Site Drawing of Work Area
 V2.2 Sept 2018



0610



Reason for Photo: General view

Reason for Photo: General view

Reason for Photo: General view
Comments:
Roof frame after all roof sheeting removed



Reason for Photo: General view
Comments:
Taken off the last section of cement materials to apex & Flue cowl

Reason for Photo: General view
Comments:
Background pump by roller shutter door

Reason for Photo: General view
Comments:
Skip on site where all waste is being kept

Analyst Name: Andrew Smith

Signature:

Date: 16/10/2020

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Personal Air Monitoring Report



Project No.: W6746 AMC: 02 Shift No.: 02

Page 1 of 1

Name and address of client	Sanctus Ltd - Bristol waste company
Site address	Hartcliffe Way, Bristol, BS35RN

Test No.	Pump Ref.	Cowl Ref.	Key	Sampling Times (24hr)		Rates of Flow (l/min)		Corrected flow (l/min)	Volume (litres)	Fibres	Fields	Limit Of Quantification (f/ml to 3 dec. places)	Calculated Result (f/ml to 3 dec. places)	Reported Result (f/ml)
				Start	Stop	Start	Stop							
01	HS0045	HS1365	P	09:20	11:46	2.0	2.0	N/A	292	2.5	100	0.031	0.004	<0.03

Photo 1: Photos

Name: Aaron Morgan Employer: Sanctus Ltd Job Title: LARC Type of RPE Used: Half Face

Work Area: Warehouse Area

Work Activities during monitoring & Asbestos materials involved: Removal of corrugated asbestos cement sheet roofing & cleaning / checking for debris where roof sheets were removed - Chrysotile

Condition: Good Fair Poor ACM Extent: Throughout - To roof

Control measures: Full Enclosure Partial Enclosure Glove Bags Shadow Vacuum Wrap & Cut Gels / Paste
 Injection Machine Model / Type Airless Sprayer
 Surfactant Used Wetting Agent / ET150 Other Pump sprayer

Work activity methods involved:

Unscrewing with hand tools	<input checked="" type="checkbox"/>	Unscrewing using cordless drill	<input checked="" type="checkbox"/>	Depinning with hand tools	<input checked="" type="checkbox"/>	Lifting / hand picking	<input checked="" type="checkbox"/>
Whole removal of panels	<input checked="" type="checkbox"/>	Slight breaking of panels	<input checked="" type="checkbox"/>	Complete breakage of panels	<input type="checkbox"/>	Wire brushing / scraping	<input type="checkbox"/>
Other hand tool methods	<input checked="" type="checkbox"/>	Unravelling / Splitting	<input type="checkbox"/>	Use of steamers	<input type="checkbox"/>	Drilling	<input type="checkbox"/>
Direct pressure blasting	<input type="checkbox"/>	Kango breaker	<input type="checkbox"/>	Use of machinery	<input checked="" type="checkbox"/>	Details	<input type="checkbox"/>
Encapsulation (protecting)	<input type="checkbox"/>	Encapsulation (Brushing)	<input type="checkbox"/>	Encapsulation (Spraying)	<input type="checkbox"/>	Bagging of Waste at Source	<input checked="" type="checkbox"/>
None	<input type="checkbox"/>	Other / Comments	Respirator zone - None licensable work				

In line with General Data Protection Regulations (GDPR), does the operative give consent for his / her personal information to be recorded? **Yes**

If operative does not give consent, please refer to him / her as Operative A, B, etc.

Photo 1:

KEY: Types of personal air monitoring testing - (RPE) Selection or respiratory protection equipment (CM) Compliance Testing against control limit/STEL

Microscope No.	HS0827	Due Date:	08/08/2020
Flow Meter No.	HS1655	Due Date:	28/12/2020
Stage Micrometer No.	HS1757	Due Date:	05/07/2021
Watch/Thermometer/Barometer No.	HS0252	Due Date:	08/07/2021

HSE/NPL Test Slide No.	HS1328
Band 5 observed? Yes/No	Yes
Exposed filter diameter (mm)	21.7
Membrane Filter Ref. No.	FM25080

Graticule Diameter (Microns)	98.00
Equipment and Reagents satisfactory before starting works? Yes/No	Yes

Analyst Name(s): Andrew Smith

Signature:

Date: 16/10/2020

Time: 12:35

<p>Head Office</p> <p><input checked="" type="checkbox"/> 4 Duckett's Wharf South Street Bishop's Stortford Hertfordshire CM23 3AR</p> <p>Tel: 01279 503117 Fax: 01279 503162</p>	<p>Regional Accredited Offices</p> <p><input type="checkbox"/> Europa Business Park Building 44, Room 58 BirdHall Lane, Cheadle Heath, Stockport SK3 0XA</p> <p>Tel: 0161 744 0120</p>	<p><input type="checkbox"/> Caledonia House Thornliebank industrial Estate Thornliebank, Glasgow G46 8JT</p> <p>Tel: 0141 270 8070</p>
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Analytical Project Report



Project No.: W6746 Shift No.: 03

Page 1 of 4

Client Name	Sanctus Ltd - Bristol waste company
Site Address	Hartcliffe Way, Bristol, BS35RN

Time	Site Log
08:33	Arrive on site
08:35	Sign in
08:39	Discuss the plan of work for the day
08:50	Set up site laboratory
08:56	2x Background pumps activated within 2nd warehouse area
09:17	1x Personal pump activated on Aaron Morgan of Sanctus Ltd
09:56	2x Background pumps switched off within warehouse 2
10:26	Slides counted and results were found to be satisfactory <0.01f/cm3
10:58	2x more Background pumps activated within warehouse area 2
11:19	1x Personal pump switched off
11:36	Personal filter counted & the result was found to be satisfactory
12:03	2x Background pumps switched off
12:31	Count remaining slides and results were found to be satisfactory <0.01f/cm3
12:40	Pack up
12:46	Leave site
	Personal air monitoring result was found to be satisfactory <0.01f/ml
	Air test was completed on the Sanctus 2 stage DCU as requested by client

Note: Information given is supplementary so the 4SC report and does not form part of the 4SC certification.

Daily Inspection / Checks

Hygiene unit clean and connected to services	N/A	Enclosure asbestos warning signs	N/A
Transit route sealed off and signed	N/A	Respirator area warning signs	N/A
Waste / skip area locked	N/A	Enclosure seals checked and intact	N/A
Warning labels attached to skip	N/A	Adequate negative pressure / airflow	N/A
Copy of Method Statement read	N/A	NPU vented outside building	N/A
Operatives transiting in accordance with HSG247			N/A
Regular inspection of all areas (enclosure, transit route, surroundings and skip)			N/A
Were any defects / problems brought to the attention of the contractor?			N/A
All bagged asbestos locked in waste / skip area at the end of the shift (if applicable)?			N/A
Site in clean, safe & tidy condition at the end of the shift?			N/A

Analyst Name: Andrew Smith

Signature: 

Date: 20/10/2020

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LES 09 LOG V1.1 June 2018



0610

Airborne Fibre Concentration Report



Project No.: W6746 AMC: 01 Shift No.: 03

Page 2 of 4

Name and address of client	Sanctus Ltd - Bristol waste company
Site address	Hartcliffe Way, Bristol, BS35RN
Brief description of works including location	The removal of asbestos corrugated cement roof sheets from warehouse 2 roof - General clear out and partial demolition of back section of building to gain access to the roof sheets
Name of asbestos contractor	Sanctus Ltd

KEY: L = Leak; B = Background; CL = Clearance Testing; R = Reassurance; FB = Field Blank; MNC = Mounted Not Counted

Test No.	Pump Ref.	Cowl Ref.	Key	Location/Area	Temp (°C)	Pressure (mb)	Sampling Times (24hr)		Rates of Flow (l/min)		Corrected flow (l/min)	Volume (litres)	Fibres	Fields	Limit Of Quantification (f/ml to 3 dec. places)	Calculated Result (f/ml to 3 dec. places)	Reported Result (f/ml)
							Start	Stop	Start	Stop							
01	HS1339	HS1330	B	Warehouse 2	16.3	1009.6	08:56	09:56	8.0	8.0	N/A	480	1.0	200	0.010	0.001	<0.01
02	HS1342	HS1331	B	Warehouse 2	16.3	1009.6	08:56	09:56	8.0	8.0	N/A	480	1.5	200	0.010	0.001	<0.01
03	HS0328	HS1365	B	Warehouse 2	16.1	1009.9	10:58	12:03	8.0	8.0	N/A	520	2.5	185	0.010	0.001	<0.01
04	HS1339	HS1333	B	Warehouse 2	16.1	1009.9	10:58	12:03	8.0	8.0	N/A	520	2.0	185	0.010	0.001	<0.01
			-														
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			-														
			-														
			-														
			FB				-	-	-	-	-	-	-	-	-	-	-


- Life Environmental is accredited by UKAS (number 0610) for sampling and fibre counting for asbestos in air. This is carried out in accordance with HSG248 and documented in house methods.
- This certificate should not be taken as an indication of the suitability of an area for reoccupation following asbestos abatement works unless accompanied by a Life Environmental certification of reoccupation report.
- Results of any reassurance testing carried out by Life Environmental Services Limited in accordance with HSG248 is only valid for the time that it was carried out and does not reflect the air/fibre concentration at any other point in time.
- The number of fibres reported is for all countable respirable fibres in line with HSG248 The Analyst Guide and is not just asbestos fibres.

Microscope No.	HS0827	Due Date:	08/08/2020
Flow Meter No.	HS2080	Due Date:	25/10/2020
Stage Micrometer No.	HS1757	Due Date:	05/07/2021
Watch/Thermometer/Barometer No.	HS0252	Due Date:	08/07/2021

HSE/NPL Test Slide No.	HS1328
Band 5 observed? Yes/No	Yes
Exposed filter diameter (mm)	21.7
Membrane Filter Ref. No.	FM25080

Graticule Diameter (Microns)	98.00
Equipment and Reagents satisfactory before starting works? Yes/No	Yes
Lab Air Test Completed? Yes/No	No

Analyst Name(s): Andrew Smith

Signature: 

Date: 20/10/2020

Time: 12:35

<p>Head Office</p> <p><input checked="" type="checkbox"/> 4 Duckett's Wharf South Street Bishop's Stortford Hertfordshire CM23 3AR</p> <p>Tel: 01279 503117 Fax: 01279 503162</p>	<p>Regional Accredited Offices</p> <p><input type="checkbox"/> 4 Europa Business Park Building 44, Room S8 BirdHall Lane, Cheadle Heath, Stockport SK3 0XA</p> <p>Tel: 0161 744 0120</p>	<p><input type="checkbox"/> Caledonia House Thornliebank industrial Estate Thornliebank, Glasgow G46 8JT</p> <p>Tel: 0141 270 8070</p>
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0610

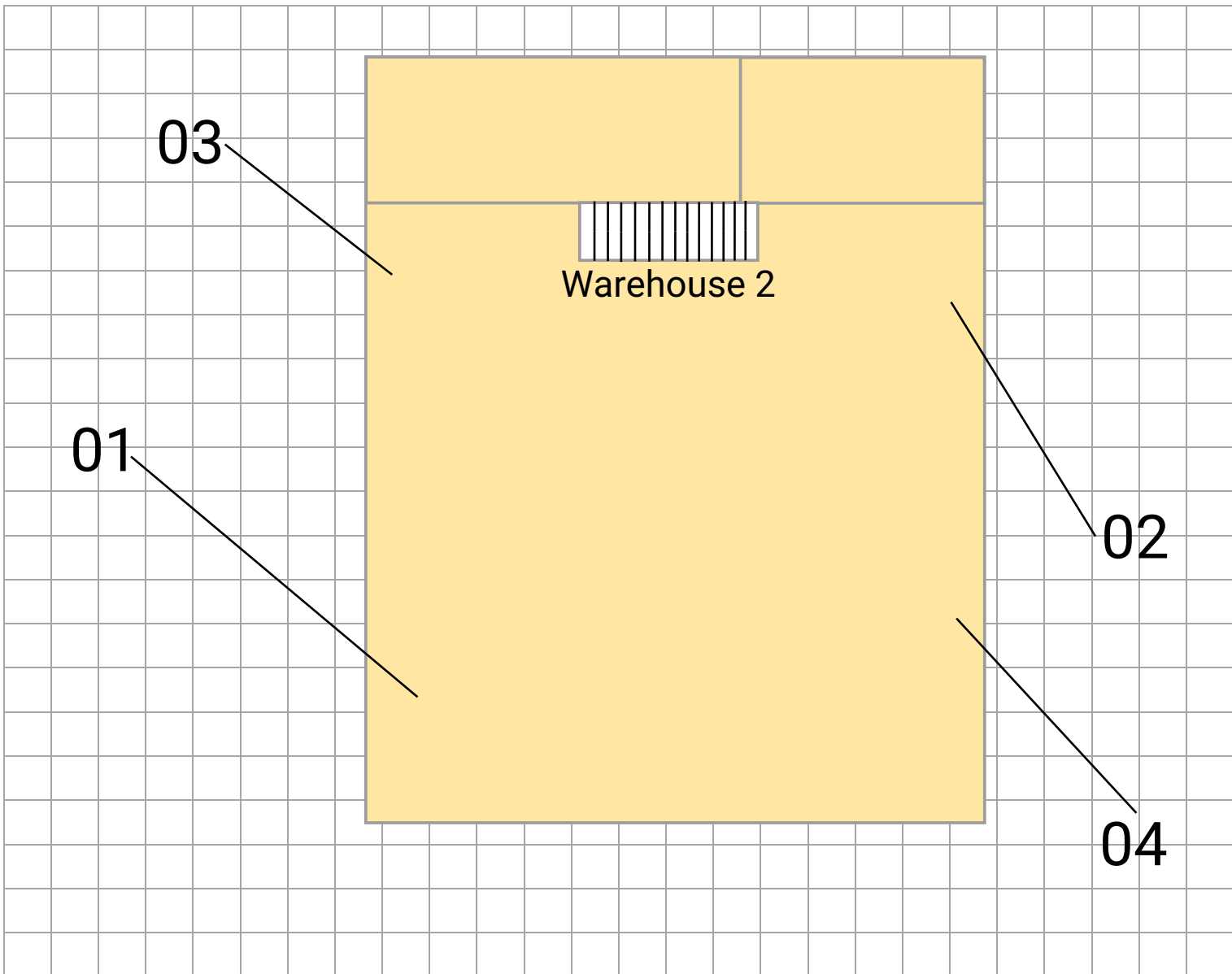
Project No.: **W6746** AMC: ⁰¹ _____ Shift No.: **03**

Page ³ of ⁴

DRAWING FOR CERTIFICATE OF REOCCUPATION SHOULD SHOW LOCATION OF REMOVED ACMS AND ANY REMAINING ACMS. DIMENSIONS ARE APPROXIMATE.

Work Area Dimensions

Height (m):	Width (m):	Length (m):	Area (m ²):	Volume (m ³):
-------------	------------	-------------	-------------------------	---------------------------



Analyst Name: Andrew Smith Signature: Date: 20/10/2020 Time: 12:00

Contractors Name: _____ Signature: _____ Date: _____ Time: _____

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 LES 04 Site Drawing of Work Area
 V2.2 Sept 2018





Reason for Photo: General view

Comments:

Specially designed 2 stage DCU for Sanctus sites. Shower and NPU within dirty end. Not required to use for none licensable work but due to the nature of Sanctus works in general, the DCU is procedure before, during & after any work involving contaminants & hazardous materials

Reason for Photo: General view

Comments:

Clean end of DCU just before air test

Reason for Photo: General view

Comments:

No asbestos was being removed but sections of the building need to be cleared / demolished before the back section of the asbestos corrugated cement roof sheets are removed.



Reason for Photo: General view

Comments:

General view of warehouse 2 & main warehouse to the left which was previously worked on

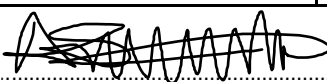
Reason for Photo: -

Comments:

Reason for Photo: -

Comments:

Analyst Name: Andrew Smith

Signature: 

Date: 20/10/2020

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LES 05 Air Testing Site Photos V1.1



Personal Air Monitoring Report



Project No.: W6746 AMC: 02 Shift No.: 03

Page 1 of 1

Name and address of client	Sanctus Ltd - Bristol waste company
Site address	Hartcliffe Way, Bristol, BS35RN

Test No.	Pump Ref.	Cowl Ref.	Key	Sampling Times (24hr)		Rates of Flow (l/min)		Corrected flow (l/min)	Volume (litres)	Fibres	Fields	Limit Of Quantification (f/ml to 3 dec. places)	Calculated Result (f/ml to 3 dec. places)	Reported Result (f/ml)
				Start	Stop	Start	Stop							
01	HS0045	HS1363	P	09:17	11:19	2.0	2.0	N/A	244	3.0	100	0.039	0.006	<0.04

Photo 1: Photos

Name: Aaron Morgan Employer: Sanctus Ltd Job Title: LARC Type of RPE Used: Half Face

Work Area: Warehouse 2 Area

Work Activities during monitoring & Asbestos materials involved: Removal of corrugated asbestos cement sheet roofing / Clearing out & partial demolition of back section to allow for the roof sheets to be removed

Condition: Good Fair Poor ACM Extent: Throughout - To roof

Control measures: Full Enclosure Partial Enclosure Glove Bags Shadow Vacuum Wrap & Cut Gels / Paste
 Injection Machine Model / Type Airless Sprayer
 Surfactant Used Wetting Agent / ET150 Other Pump sprayer

Work activity methods involved:

Unscrewing with hand tools	<input checked="" type="checkbox"/>	Unscrewing using cordless drill	<input checked="" type="checkbox"/>	Depinning with hand tools	<input checked="" type="checkbox"/>	Lifting / hand picking	<input checked="" type="checkbox"/>
Whole removal of panels	<input checked="" type="checkbox"/>	Slight breaking of panels	<input checked="" type="checkbox"/>	Complete breakage of panels	<input type="checkbox"/>	Wire brushing / scraping	<input type="checkbox"/>
Other hand tool methods	<input checked="" type="checkbox"/>	Unravelling / Splitting	<input type="checkbox"/>	Use of steamers	<input type="checkbox"/>	Drilling	<input type="checkbox"/>
Direct pressure blasting	<input type="checkbox"/>	Kango breaker	<input type="checkbox"/>	Use of machinery	<input checked="" type="checkbox"/>	Details	<input type="checkbox"/>
Encapsulation (protecting)	<input type="checkbox"/>	Encapsulation (Brushing)	<input type="checkbox"/>	Encapsulation (Spraying)	<input type="checkbox"/>	Bagging of Waste at Source	<input checked="" type="checkbox"/>
None	<input type="checkbox"/>	Other / Comments	Respirator zone - None licensable work				

In line with General Data Protection Regulations (GDPR), does the operative give consent for his / her personal information to be recorded? **Yes**

If operative does not give consent, please refer to him / her as Operative A, B, etc.

Photo 1:

KEY: Types of personal air monitoring testing - (RPE) Selection or respiratory protection equipment (CM) Compliance Testing against control limit/STEL

Microscope No.	HS0827	Due Date:	08/08/2020
Flow Meter No.	HS1655	Due Date:	28/12/2020
Stage Micrometer No.	HS1757	Due Date:	05/07/2021
Watch/Thermometer/Barometer No.	HS0252	Due Date:	08/07/2021

HSE/NPL Test Slide No.	HS1328
Band 5 observed? Yes/No	Yes
Exposed filter diameter (mm)	21.7
Membrane Filter Ref. No.	FM25080

Graticule Diameter (Microns)	98.00
Equipment and Reagents satisfactory before starting works? Yes/No	Yes

Analyst Name(s): Andrew Smith

Signature:

Date: 20/10/2020

Time: 12:35

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LES 06 Personal Air Monitoring Report V1.3 September 2018



0610

Decontamination Unit Clearance Certificate



Project No.: W6746 AMC: 03 Shift No.: 03

Page 1 of 1

Name and address of client	Sanctus Ltd - Bristol waste company
Site address	Hartcliffe Way, Bristol, BS35RN
DCU Reference No.	SAN20(2)
Location (inc. description of works)	Stripping warehouse 2 & demolishing sections to gain access to remove corrugated asbestos cement roof sheets

All waste including towels/PPE removed? Yes

All surfaces clean and free from dust and debris? Yes

All areas/surfaces dry? Yes

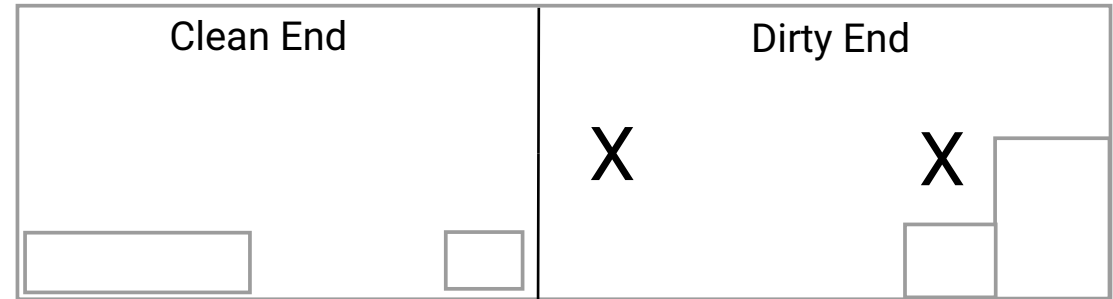
VISUAL INSPECTION SATISFACTORY Yes Time:

Negative Pressure Unit capped with clean pre-filter? Yes

Air disturbance completed for 1.5 min. per sample? Yes

CLEARANCE AIR MONITORING PASS Time:

2 Stage Airlock with NPU & shower
DCU Layout and Sample Locations



NB. Sample points denoted as 'X'

Test No.	Pump Ref.	Cowl Ref.	Temp (°C)	Pressure (mb)	Sampling Times (24hr)		Rates of Flow (l/min)		Corrected flow (l/min)	Volume (litres)	Fibres	Fields	Limit Of Quantification (f/ml to 3 dec. places)	Calculated Result (f/ml to 3 dec. places)	Reported Result (f/ml)
					Start	Stop	Start	Stop							
01	HS1342	HS1335	16.1	1009.8	10:06	10:46	12.0	12.0	N/A	480	1.5	200	0.010	0.001	<0.01
02	HS1374	HS1336	16.1	1009.8	10:06	10:46	12.0	12.0	N/A	480	0.5	200	0.010	0.001	<0.01

Microscope No.	HS0827	Due Date:	08/08/2020
Flow Meter No.	HS1655	Due Date:	28/12/2020
Stage Micrometer No.	HS1757	Due Date:	05/07/2021
Watch/Thermometer/Barometer No.	HS0252	Due Date:	08/07/2021

HSE/NPL Test Slide No.	HS1328
Band 5 observed? Yes/No	Yes
Exposed filter diameter (mm)	21.7
Membrane Filter Ref. No.	FM25080

Graticule Diameter (Microns)	98.00
Equipment and Reagents satisfactory before starting works? Yes/No	Yes

Analyst Name(s): Andrew Smith

Signature:

Date: 20/10/2020

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LES 07 Decontamination Unit Clearance Certificate V2.2 September 2018



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Analytical Project Report



Project No.: W6746 Shift No.: 04

Page 1 of 4

Client Name	Sanctus Ltd - Bristol waste company
Site Address	Hartcliffe Way, Bristol, BS35RN

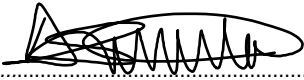
Time	Site Log
08:36	Arrive on site
08:38	Sign in
09:04	Discuss the plan of work for the day
09:18	Set up site laboratory
09:27	4x Background pumps activated within dig site
11:28	4x Background pumps switched off
11:30	2x more Background pumps activated
12:08	Count slides and results were found to be satisfactory <0.01f/cm ³
12:10	2x Background pumps switched off
12:34	Count remaining slides and results were found to be satisfactory <0.01f/cm ³
12:50	Complete paperwork
13:00	Leave site
	All air monitoring took place around the two dig sites after excavation works complete

Note: Information given is supplementary so the 4SC report and does not form part of the 4SC certification.

Daily Inspection / Checks

Hygiene unit clean and connected to services	N/A	Enclosure asbestos warning signs	N/A
Transit route sealed off and signed	N/A	Respirator area warning signs	N/A
Waste / skip area locked	N/A	Enclosure seals checked and intact	N/A
Warning labels attached to skip	N/A	Adequate negative pressure / airflow	N/A
Copy of Method Statement read	N/A	NPU vented outside building	N/A
Operatives transiting in accordance with HSG247			N/A
Regular inspection of all areas (enclosure, transit route, surroundings and skip)			N/A
Were any defects / problems brought to the attention of the contractor?			N/A
All bagged asbestos locked in waste / skip area at the end of the shift (if applicable)?			N/A
Site in clean, safe & tidy condition at the end of the shift?			N/A

Analyst Name: Andrew Smith

Signature: 

Date: 22/10/2020

Head Office

4 Duckett's Wharf
South Street
Bishop's Stortford
Hertfordshire
CM23 3AR

Tel: 01279 503117
Fax: 01279 503162

Regional Accredited Offices

Europa Business Park
Building 44, Room S8
BirdHall Lane,
Cheadle Heath, Stockport
SK3 0XA

Tel: 0161 744 0120

Caledonia House
Thornliebank Industrial
Estate
Thornliebank, Glasgow
G46 8JT

Tel: 0141 270 8070

Life Environmental Services
The natural choice for environmental
compliance and risk management
solutions
LES 09 LOG V1.1 June 2018



0610

Airborne Fibre Concentration Report



Project No.: W6746 AMC: 01 Shift No.: 04

Page 2 of 4

Name and address of client	Sanctus Ltd - Bristol waste company
Site address	Hartcliffe Way, Bristol, BS35RN
Brief description of works including location	Basic air monitoring around dig sites in various locations
Name of asbestos contractor	Sanctus Ltd

KEY: L = Leak; B = Background; CL = Clearance Testing; R = Reassurance; FB = Field Blank; MNC = Mounted Not Counted

Test No.	Pump Ref.	Cowl Ref.	Key	Location/Area	Temp (°C)	Pressure (mb)	Sampling Times (24hr)		Rates of Flow (l/min)		Corrected flow (l/min)	Volume (litres)	Fibres	Fields	Limit Of Quantification (f/ml to 3 dec. places)	Calculated Result (f/ml to 3 dec. places)	Reported Result (f/ml)
							Start	Stop	Start	Stop							
01	HS1339	HS1330	B	Dig site - Top	17.3	1011.5	09:27	11:28	4.0	4.0	N/A	484	0.5	198	0.010	0.001	<0.01
02	HS1342	HS1331	B	Dig site - Top	17.3	1011.5	09:27	11:28	4.0	4.0	N/A	484	1.5	198	0.010	0.001	<0.01
03	HS0328	HS1333	B	Dig site - Bottom	17.3	1011.5	09:27	11:29	4.0	4.0	N/A	488	1.0	197	0.010	0.001	<0.01
04	HS1374	HS1343	B	Dig site - Top	17.3	1011.5	09:27	11:29	4.0	4.0	N/A	488	2.0	197	0.010	0.001	<0.01
05	HS1342	HS1330	B	Dig site - Bottom	17.5	1011.7	11:30	12:10	12.0	12.0	N/A	480	1.0	200	0.010	0.001	<0.01
06	HS1339	HS1333	B	Dig site - Bottom	17.5	1011.7	11:30	12:10	12.0	12.0	N/A	480	1.5	200	0.010	0.001	<0.01
			-	End of testing													
			-														
			-														
			-														
			-														
			-														
			-														
			FB				-	-	-	-	-	-	-	-	-	-	-


- Life Environmental is accredited by UKAS (number 0610) for sampling and fibre counting for asbestos in air. This is carried out in accordance with HSG248 and documented in house methods.
- This certificate should not be taken as an indication of the suitability of an area for reoccupation following asbestos abatement works unless accompanied by a Life Environmental certification of reoccupation report.
- Results of any reassurance testing carried out by Life Environmental Services Limited in accordance with HSG248 is only valid for the time that it was carried out and does not reflect the air/fibre concentration at any other point in time.
- The number of fibres reported is for all countable respirable fibres in line with HSG248 The Analyst Guide and is not just asbestos fibres.

Microscope No.	HS0827	Due Date:	08/08/2020
Flow Meter No.	HS2080	Due Date:	25/10/2020
Stage Micrometer No.	HS1757	Due Date:	05/07/2021
Watch/Thermometer/Barometer No.	HS0252	Due Date:	08/07/2021

HSE/NPL Test Slide No.	HS1328
Band 5 observed? Yes/No	Yes
Exposed filter diameter (mm)	21.7
Membrane Filter Ref. No.	FM25080

Graticule Diameter (Microns)	98.00
Equipment and Reagents satisfactory before starting works? Yes/No	Yes
Lab Air Test Completed? Yes/No	No

Analyst Name(s): Andrew Smith

Signature: 

Date: 22/10/2020

Time: 12:50

Head Office

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Hertfordshire
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G46 8JT

Tel: 0141 270 8070

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LES 01 Airborne Fibre Concentration Report V1.3 September 2018



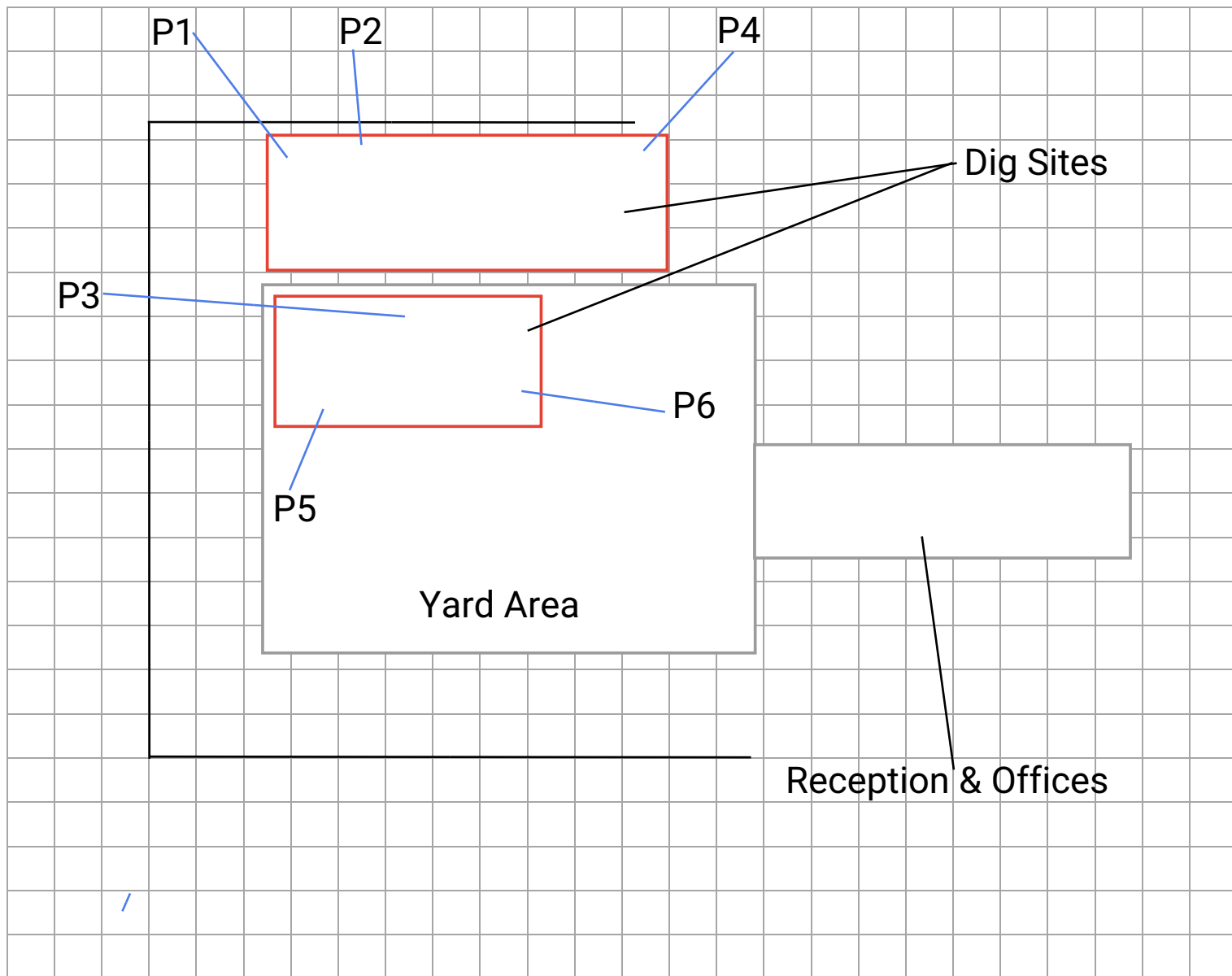
0610

Project No.: **W6746** AMC: ⁰¹ _____ Shift No.: **04**

Page ³ of ⁴

DRAWING FOR CERTIFICATE OF REOCCUPATION SHOULD SHOW LOCATION OF REMOVED ACMS AND ANY REMAINING ACMS. DIMENSIONS ARE APPROXIMATE.

Work Area Dimensions				
Height (m):	Width (m):	Length (m):	Area (m ²):	Volume (m ³):



Analyst Name: Andrew Smith Signature: Date: 22/10/2020 Time: 11:57

Contractors Name: _____ Signature: _____ Date: _____ Time: _____

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 Estate
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 G46 8JT
 Tel: 0141 270 8070

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 solutions
 LES 04 Site Drawing of Work Area
 V2.2 Sept 2018



<p>Reason for Photo: General view</p> <p>Comments: View of warehouse 2 with roof & surrounding wall removed during the last couple of days</p>	<p>Reason for Photo: General view</p> <p>Comments: Dig site with no excavations - Background air monitoring after ground has been excavated</p>	<p>Reason for Photo: General view</p> <p>Comments: Dig site showing pump locations</p>
<p>Reason for Photo: General view</p> <p>Comments: View of the overall site looking across yard to the main reception building</p>	<p>Reason for Photo: General view</p> <p>Comments: Dig site - Background air monitoring after excavation work complete</p>	<p>Reason for Photo: General view</p> <p>Comments: Dig site - Background air monitoring after excavation work complete</p>

Analyst Name: Andrew Smith

Signature:

Date: 22/10/2020

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Tel: 0141 270 8070

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solutions
LES 05 Air Testing Site Photos V1.1



0610

Appendix D

Geotechnical Grading Analysis



TEST CERTIFICATE

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB



4041

Tested in Accordance with: BS 1377-2:1990: Clause 9.2

Client: Sanctus Ltd
Client Address: Sanctus House
1 Olympus Park Business Centre, Quedgeley
Gloucester, Gloucestershire, GL2 4DH

Client Reference: S2775
Job Number: 21-53060
Date Sampled: 08/01/2021
Date Received: 11/01/2021
Date Tested: 29/01/2021
Sampled By: Client - AP

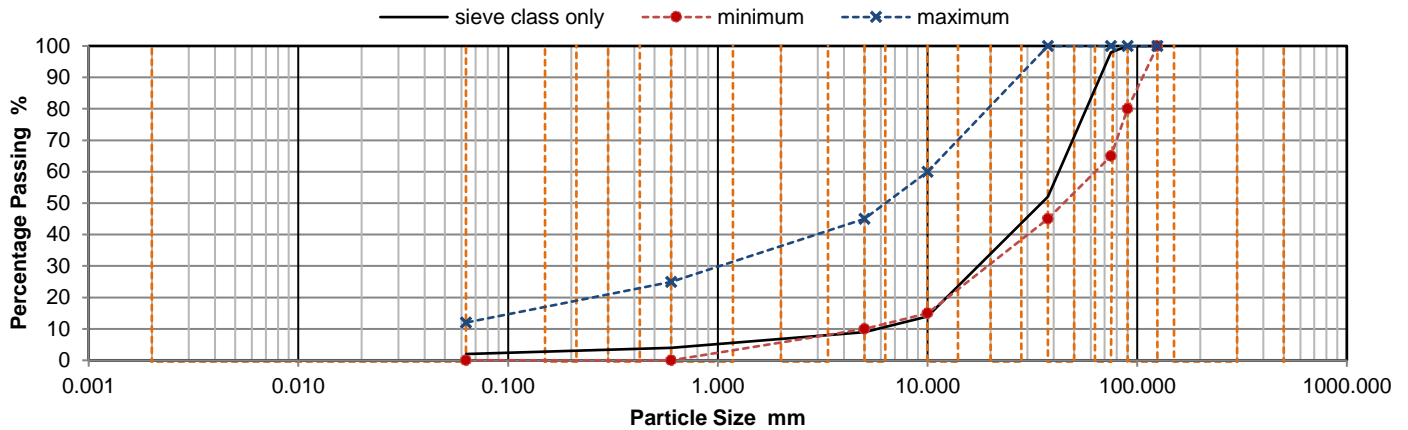
Contact: Jake Hanham
Site Address: Hartcliffe Way, Bristol

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference: 1747937
Hole No.: SP1A
Sample Reference: Not Given
Sample Description: Multicolor slightly sandy GRAVEL with cobbles and fragments of asphalt
Sample Preparation: Sample was whole tested, oven dried at 40.0°C and broken down by hand.

Depth Top [m]: Not Given
Depth Base [m]: Not Given
Sample Type: B



Sieving		Material Type	
Particle Size mm	Passing %	6F2 Selected granular material	
		Material Specification	Pass or Fail
500	100		
300	100		
150	100		
125	100	100 - 100	PASS
90	100	80 - 100	PASS
75	98	65 - 100	PASS
63	83		
50	64		
37.5	52	45 - 100	PASS
28	40		
20	27		
14	20		
10	14	15 - 60	FAIL
6.3	11		
5	9	10 - 45	FAIL
3.35	8		
2	6		
1.18	5		
0.6	4	0 - 25	PASS
0.425	4		
0.3	3		
0.212	2		
0.15	2		
0.063	2	0 - 12	PASS

Uniformity Coefficient [Cu]		
D60	mm	45.4
D10	mm	5.68

Uniformity Coefficient calculated in accordance with BS EN ISO 14688-2: 2004 + A1: 2013

Earthworks
Specification for Highway Works, Volume 1, Series 600, TABLE 6/2

Remarks: The material submitted - fails to meet the minimum mass requirements as stated in BS1377 Part 2 Table 3

Opinions and interpretations expressed herein are outside of the scope of the UKAS Accreditation. This report may not be reproduced other than in full without the prior written approval of the issuing laboratory. The results included within the report relate only to the sample(s) submitted for testing. This report includes a statement of conformity to an industry standard specification, as such risks associated with uncertainty in relation to the decision rules applied do not need to be considered.

Signed:

Aleksandra Jurochnik
PL Technical Reviewer
for and on behalf of i2 Analytical Ltd



TEST CERTIFICATE

i2 Analytical Ltd
 Unit 8 Harrowden Road
 Brackmills Industrial Estate
 Northampton NN4 7EB



PSD Assessment of material for use in Earthworks

Tested in Accordance with: BS 1377-2:1990: Clause 9.2

Client: Sanctus Ltd
 Client Address: Sanctus House
 1 Olympus Park Business Centre, Quedgeley
 Gloucester, Gloucestershire, GL2 4DH
 Contact: Jake Hanham
 Site Address: Hartcliffe Way, Bristol

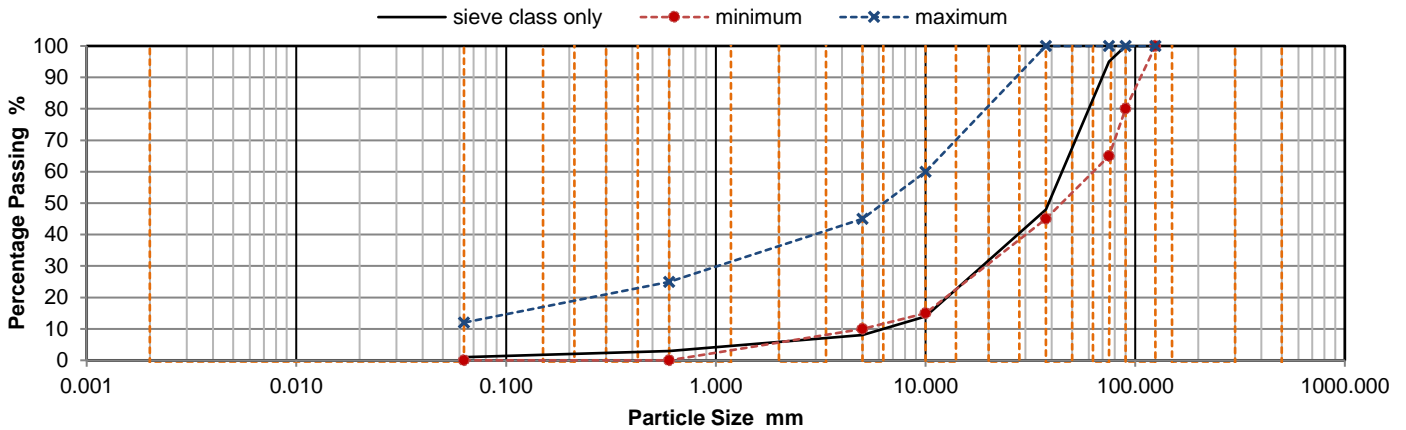
Client Reference: S2775
 Job Number: 21-53060
 Date Sampled: 08/01/2021
 Date Received: 11/01/2021
 Date Tested: 29/01/2021
 Sampled By: Client - AP

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference: 1747938
 Hole No.: SP1B
 Sample Reference: Not Given
 Sample Description: Multicolor slightly sandy GRAVEL with cobbles and fragments of asphalt
 Sample Preparation: Sample was whole tested, oven dried at 40.0°C and broken down by hand.

Depth Top [m]: Not Given
 Depth Base [m]: Not Given
 Sample Type: B



Sieving		Material Type	
Particle Size mm	Passing %	6F2 Selected granular material	
		Material Specification	Pass or Fail
500	100		
300	100		
150	100		
125	100	100 - 100	PASS
90	100	80 - 100	PASS
75	95	65 - 100	PASS
63	87		
50	63		
37.5	48	45 - 100	PASS
28	38		
20	27		
14	20		
10	14	15 - 60	FAIL
6.3	10		
5	8	10 - 45	FAIL
3.35	7		
2	5		
1.18	4		
0.6	3	0 - 25	PASS
0.425	3		
0.3	2		
0.212	2		
0.15	2		
0.063	1	0 - 12	PASS

Uniformity Coefficient [Cu]		
D60	mm	47.3
D10	mm	6.64

Uniformity Coefficient calculated in accordance with BS EN ISO 14688-2: 2004 + A1: 2013

Earthworks
Specification for Highway Works, Volume 1, Series 600, TABLE 6/2

Remarks: The material submitted - fails to meet the minimum mass requirements as stated in BS1377 Part 2 Table 3

Opinions and interpretations expressed herein are outside of the scope of the UKAS Accreditation. This report may not be reproduced other than in full without the prior written approval of the issuing laboratory. The results included within the report relate only to the sample(s) submitted for testing. This report includes a statement of conformity to an industry standard specification, as such risks associated with uncertainty in relation to the decision rules applied do not need to be considered.

Signed:

Aleksandra Jurochnik
 PL Technical Reviewer
 for and on behalf of i2 Analytical Ltd

Appendix E

Waste Transfer Documentation

DUTY OF CARE WASTE TRANSFER NOTE/PROOF OF DELIVERY/INVOICE



ETM Recycling

41 Ashton Vale Road, Ashton Vale, Bristol BS3 2HW

Tel: 0117 953 3654

www.etmrecycling.co.uk Email: info@etmrecycling.co.uk

Registered Carrier No: CB/DU69359

VAT Reg No: 108 2203 59

Job No: 283090

Notes: ***MUST BE AM***

Job Type: Deliver

Date: 28/1/21 AM

Size: 6 Yard

PO: S2775SCTA

Driver: Skip Lorry (Ma

Waste Producer:

Vehicle Reg: WU69 AHO

SANCTUS LIMITED, Former Bristol
Waste Depot, Hartcliffe Way, Bristol,
BS3 5RN

Grade & EWC: 17 02 02

Glass

The Transferor hereby confirms that all such measures available have been taken to apply the waste hierarchy in compliance with Regulation 12 of the Waste (England and Wales) Regulations.

Waste Receiver ETM Recycling

Receiver Signature

Receiver Date 28/1/21 AM

Driver Signature:

Customer Signature:

Print Name: sanctue

SIC Code

Disposal Point: ETM Recycling Ltd (ERP/EP3794SH), 41 Ashton Vale Road, Ashton Vale, Bristol, BS3 2HW

Site Licence: EPR/EP3794SH

You are not permitted to dispose of the following items in this skip:

Asbestos, Fridge/Freezers, Car batteries, tyres, gas cylinders, paint tins (Empty or full), fluorescent tubes, liquids, televisions, PC monitors, fire extinguishers, solvents, oils and lubricants.

All skips are held at the risk of the Hirer from the time of delivery to the time of collection and the Hirer shall be liable for any loss or damage caused to the skip or any Third Party during this time.

If you require the skip to be sited off the main highway, we accept no responsibility for any damage caused to pavements, driveways, footpaths, gateways, other property, trees, telephone wires etc.

Full Terms and Conditions of hire can be found on our website www.etmrecycling.co.uk

DUTY OF CARE WASTE TRANSFER NOTE/PROOF OF DELIVERY/INVOICE



ETM Recycling

41 Ashton Vale Road, Ashton Vale, Bristol BS3 2HW

Tel: 0117 953 3654

www.etmrecycling.co.uk Email: info@etmrecycling.co.uk

Registered Carrier No: CB/DU69359

VAT Reg No: 108 2203 59

Job No: 283091

Notes:

Job Type: Deliver

Date: 28/1/21 AM

Size: 6 Yard

PO: S2775STCA

Driver: Skip Lorry (Ma

Waste Producer:

Vehicle Reg: WU69 AHO

SANCTUS LIMITED, Former Bristol
Waste Depot, Hartcliffe Way, Bristol,
BS3 5RN

Grade & EWC: 17 08 02

Plaster and or Plasterboard

The Transferor hereby confirms that all such measures available have been taken to apply the waste hierarchy in compliance with Regulation 12 of the Waste (England and Wales) Regulations.

Waste Receiver ETM Recycling

Receiver Signature

Receiver Date 28/1/21 AM

Driver Signature:

Customer Signature:

Print Name: sanctus

SIC Code

Disposal Point: ETM Recycling Ltd (ERP/EP3794SH), 41 Ashton Vale Road, Ashton Vale, Bristol, BS3 2HW

Site Licence: EPR/EP3794SH

You are not permitted to dispose of the following items in this skip:

Asbestos, Fridge/Freezers, Car batteries, tyres, gas cylinders, paint tins (Empty or full), fluorescent tubes, liquids, televisions, PC monitors, fire extinguishers, solvents, oils and lubricants.

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Full Terms and Conditions of hire can be found on our website www.etmrecycling.co.uk

DUTY OF CARE WASTE TRANSFER NOTE/PROOF OF DELIVERY/INVOICE



ETM Recycling

41 Ashton Vale Road, Ashton Vale, Bristol BS3 2HW

Tel: 0117 953 3654

www.etmrecycling.co.uk Email: info@etmrecycling.co.uk

Registered Carrier No: CB/DU69359

VAT Reg No: 108 2203 59

Job No: 285623

Notes: ***MUST BE AM***

Job Type: Collect

Date: 10/2/21 AM

Size: 40 Yard

PO: S2775SCTA

Driver: RORO (Paul)

Vehicle Reg: WM17 OPW

Grade & EWC: 17 02 01

Wood

Waste Producer:

SANCTUS LIMITED, Former Bristol
Waste Depot, Hartcliffe Way, Bristol,
BS3 5RN

The Transferor hereby confirms that all such measures available have been taken to apply the waste hierarchy in compliance with Regulation 12 of the Waste (England and Wales) Regulations.

Waste Receiver ETM Recycling

Receiver Signature

Receiver Date 10/2/21 AM

Driver Signature:

Customer Signature:

Print Name: pc

SIC Code

Waste Description	Percentage %
Wood	100

Disposal Point: ETM Recycling Ltd (ERP/EP3794SH), 41 Ashton Vale Road, Ashton Vale, Bristol, BS3 2HW

Site Licence: EPR/EP3794SH

You are not permitted to dispose of the following items in this skip:

Asbestos, Fridge/Freezers, Car batteries, tyres, gas cylinders, paint tins (Empty or full), fluorescent tubes, liquids, televisions, PC monitors, fire extinguishers, solvents, oils and lubricants.

All skips are held at the risk of the Hirer from the time of delivery to the time of collection and the Hirer shall be liable for any loss or damage caused to the skip or any Third Party during this time.

If you require the skip to be sited off the main highway, we accept no responsibility for any damage caused to pavements, driveways, footpaths, gateways, other property, trees, telephone wires etc.

Full Terms and Conditions of hire can be found on our website www.etmrecycling.co.uk

DUTY OF CARE WASTE TRANSFER NOTE/PROOF OF DELIVERY/INVOICE



ETM Recycling

41 Ashton Vale Road, Ashton Vale, Bristol BS3 2HW

Tel: 0117 953 3654

www.etmrecycling.co.uk Email: info@etmrecycling.co.uk

Registered Carrier No: CB/DU69359

VAT Reg No: 108 2203 59

Job No: 276926

Notes: HARDCORE AWAY

Job Type: Other1

Date: 10/12/20 PM

Size: HARDCORE COLLECTION

PO: S2775RCCA

Driver: RORO (Pete)

Waste Producer:

Vehicle Reg: WU68 UJM

SANCTUS LIMITED, Former Bristol Waste Depot, Hartcliffe Way, Bristol, BS3 5RN

Grade & EWC: 17 09 04

Mixed Construction

The Transferor hereby confirms that all such measures available have been taken to apply the waste hierarchy in compliance with Regulation 12 of the Waste (England and Wales) Regulations.

Waste Receiver ETM Recycling

Receiver Signature

Receiver Date 10/12/20 PM

Driver Signature:

Customer Signature:

Print Name: adam

SIC Code

Waste Description	Percentage %
Soil and Stone	100

Disposal Point: ETM Recycling Ltd (ERP/EP3794SH), 41 Ashton Vale Road, Ashton Vale, Bristol, BS3 2HW

Site Licence: EPR/EP3794SH

You are not permitted to dispose of the following items in this skip:

Asbestos, Fridge/Freezers, Car batteries, tyres, gas cylinders, paint tins (Empty or full), fluorescent tubes, liquids, televisions, PC monitors, fire extinguishers, solvents, oils and lubricants.

All skips are held at the risk of the Hirer from the time of delivery to the time of collection and the Hirer shall be liable for any loss or damage caused to the skip or any Third Party during this time.

If you require the skip to be sited off the main highway, we accept no responsibility for any damage caused to pavements, driveways, footpaths, gateways, other property, trees, telephone wires etc.

Full Terms and Conditions of hire can be found on our website www.etmrecycling.co.uk

Section A - Waste Producer Details

Company Name: SANCTUS LTD

Delivery Address:

SANCTUS LTD FORMER BRISTOL
WASTE DEPOT BRISTOL
FORMER BRISTOL WASTE DEPOT
HARTCLIFFE WAY
BS3 5RN

Does Site Hold an Env Permit ? No

Permit Number: N/A

Customer Order No:

Time On Site:

Time Complete:

SIC Code: 41.1

Section B - Description of Waste

EWC Code: N/A

Description of Waste: NA/No Waste

Type of Container: FC

Quantity: (tonnes)

Section C - Waste Carrier Details

Waste Carrier:

Waste Carrier Number:

Vehicle Registration: X-SAFETYKLEEN

Section D - Transfer/Disposal Point Details

Site Address

PROFILE WEST
950 GREAT WEST ROAD
X-SAFETY KLEEN

Permit Number

NWCPO-09-01223-02

Customer:



Driver:

'I confirm that I have fulfilled my duty to apply the waste hierarchy as required by regulations 12 of the waste (England and Wales) Regulations 2011'

Photo 1:

Photo 2:

MJ Church. Company Registration: VAT Registration No: 399 0582 05 SIC Code 38.11
Environmental Permit number: Waste Carriers/Brokers Registration: CBDU91509 Issued by the Environmental Agency

<p>(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here.) I certify that I today collected the consignment, and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements. The round number and collection number is: R1/C5</p>	<p>I certify that the information in A, B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and carrier has been advised of any Special Handling Requirements. I confirm that I have fulfilled my duty to apply the waste hierarchy as required by regulation 12 of the Waste (England and Wales) Regulations 2011, The Waste (Scotland) Regulations 2012 (as amended) or The Waste (Northern Ireland) Regulations 2011 (as amended).</p>
<p>Carrier Name: Mark Bull</p> <p>On Behalf Of (Name & Address): Safetkleen UK Ltd, Unit 202, Longmead Road Emersons Green Bristol BS16 7FG United Kingdom</p> <p>Email: br.822501@safetkleen.eu</p> <p>Telephone: 0117 9575011</p> <p>Fax: 01179575007</p> <p>Carrier Registration Number/Reason for Exemption: CBDU 89939</p> <p>Vehicle Registration No (or mode of transport, if not road): BN63 OPP</p> <p>Date: 25/11/2020 12:14</p>	<p>Consignor Name: Tanya Bush</p> <p>On Behalf Of: Sanctus Ltd</p> <p>Former Bristol Waste Site Hartcliffe Way BS2 5RN United Kingdom</p>
<p>Signature: </p>	<p>Date: 25/11/2020 12:14</p> <p>Signature: </p>



CONSIGNMENT NOTE FOR HAZARDOUS WASTE AND DUTY OF CARE TRANSFER NOTE FOR NON-HAZARDOUS WASTE

PART A – Notification Details

1. Consignment / Unique ID Number:

sanctu/0EBTI

4. The waste will be taken to:

Safetykleen Branch-Bristol, Unit 202, Longmead Road

Emersons Green

Bristol

BS16 7FG

United Kingdom

As in A2

2. The waste described below is to be removed from: Sanctus Ltd, Former Bristol Waste Site, Hartcliffe

Way, Bristol, United Kingdom, BS2 5RN

Tel:

sanctu

5. The waste producer was:

3. Customer ID/Premise Code (Where Applicable):

PART B – Description of the waste

1. The process giving rise to the waste(s) was:

2. SIC for the process giving rise to the waste:

3. Waste Details (where more than one waste type is collected all of the information below must be completed for each EWC identified):

EWC	Quantity (KG)	Description	Chemical/ Biological Components	Physical Form	Hazard Code(s)	Size, Container Type & no	UN Number	Proper Shipping Name	UN Class(es)	PG	Tunnel Code	Special Handling Instructions
15 01 10*	10.00	EMPTY GREASE GUN CARTRIDGES (BR03033 (2)) (WDV GRE)	EMPTY GREASE GUN CARTRIDGES WITH RESIDUES GREASE - ~1% /	Mixed	HP10; HP11; HP5; HP7	50_Drum x 1.00	--	LOW HAZARD WASTE (Not Subject to ADR Regs). ()			-	
08 01 11*	100.00	PAINT IN TINS (FULL) - 205LTR OVERDRUM BR10300 (2) (WDF PAI)	ALCOHOLS - ~10%; KETONES - ~5%; N-BUTYL ACETATE - ~10%; TOLUENE - ~15%; VINYL TOLUENE - ~5%; XYLENE - ~15%	Liquid	HP10; HP3; HP4; HP5	205_Drum x 2.00	UN1263	WASTE PAINT RELATED MATERIAL. ()	3.0	II	D/E	CATEGORY B.
16 05 04*	100.00	BUTANE GAS CYLINDER (BR15160504)	BUTANE	Gas	HP3	205_Drum x 2.00	UN1011	WASTE BUTANE. ()	2.1		B/D	FOLLOW BWI_BWS 7 PROCEDURE. ENSURE VALVE PROTECTION. FIT VENT BUNG TO OVERDRUM. ONE CANNISTER PER OVERDRUM. DO NOT DOUBLE STACK.
16 01 03	50.00	TYRE - INDIVIDUAL (BR08060)	RUBBER; STEEL	Solid	NONE	Pallet x 1.00	-	NON-HAZARDOUS WASTE (Not Subject to ADR Regs). ()			-	S2

PART C – Carrier's Certificate

PART D – Consignor's Certificate



plant
materials
demolition
construction
waste management

WASTE TRANSFER NOTE

Ticket No. 217208

Registered Waste Carrier : **CBDU96479**

Time

Customer/Producer *Sanctus*

Date *2 / 12 / 20*

Site/Producer Address *Hartcliffe Way
Bristol*

Vehicle Reg *WUB9AMK* Drivers Name *Nigel* Driver/Carrier Signature *[Signature]*

SIC for the process giving rise to the waste - Tick One

Construction of Buildings 41.20 Construction of Roads 42.11
Site Preparation 43.12 Site Demolition 43.11 Other

Tick one Grab Truck Pick Up/Van RORO 4 Wheel Lorry 6 Wheel Lorry 8 Wheel Lorry

Description of Waste (Tick One as applicable)

- 17 05 04 Inert Soils/Stone
- 17 05 04 Non-Hazardous Soil/Stone
- 17 05 04 Topsoil
- 17 01 01 Concrete
- 17 0 1 07 Mixture of Concrete/Bricks/Tiles/Ceramics
- 17 03 02 Bituminous Mixtures
- 17 09 04 Mixed Construction & Demolition Waste
- 17 08 02 Gypsum Based Materials
- 17 02 01 Wood
- 02 01 03 Green Waste
- 17 04 01 Copper/Bronze/Brass
- 17 04 02 Aluminium
- 17 04 05 Iron/Steel
- 17 04 07 Mixed Metal
- 17 04 11 Cables
- 17 05 03* Soils & Stones containing Hazardous Substances
- 17 06 05* Construction materials containing Asbestos
** Hazardous Consignment Note Required*
- Others (Describe)
Concrete with impacted cement asbestos

I CONFIRM THAT I HAVE FULFILLED MY DUTY TO APPLY THE WASTE HIERARCHY AS REQUIRED BY REGULATION 12 OF THE WASTE (ENGLAND & WALES) REGULATIONS 2011

Customer/Producer Signature Print Name

Details of Disposal Point

Name & Address of Disposal Site

.....
Hills
.....
Purton Swindon
.....

Date of Disposal

Permit No.....

Signed for Operator

Postcode

Driver Hours

Start AM	Finish	Meal Times	Oper Travel Time	Standing or idle	Breakdown	Hours Worked	To Site	From Site	Hirers Totals


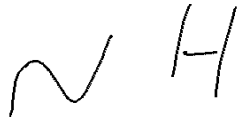
Incoming

Hills Waste Solutions Ltd

Head Office:
Wiltshire House,
County Park Business Centre,
Shrivenham Road,
Swindon, SN1 2NR

Tel No: 01793 781200
Fax No: 01793 781201
VAT No: 194 3718 37

Trans Date: 02/12/2020
Ticket Number: 596069
Disp Point: Parkgate Farm Haz Landfill
Lic/Permit Nbr: EPR/NP3934LH

CUSTOMER ADDRESS	SANCTUS LTD Santus House, The Waterfront Stonehouse Park Stonehouse Gloucestershire GL10 3UT	DELIVERY/ PRODUCER ADDRESS	Sanctus Ltd Tipping Asbestos			
ACCOUNT NUMBER	S02880	S.I.C. CODE	96090			
CUSTOMER ORDER No.		CWTN No.				
FLEET No.		WEIGHTS	DATE	TIME	TALLY No	
VEHICLE REG	WU69AMK	17680 kg	GROSS	02/12/2020	09:41:00	99036337
VEHICLE TYPE	Tipper	12800 kg	TARE	02/12/2020	09:59:12	99036339
		4880 kg	NETT			
HAULIER CODE	HA00000180	QUANTITY	Consignment Note Charge Applied			
HAULIER NAME	R M Penny (plant Hire & Demolition) Ltd					
WASTE CARRIER No	CBDU96479					
ROUND NUMBER						
MAX WEIGHT						
MATERIAL DESCRIPTION	Hazardous Asbestos - Construction					
EWC CODE	17 06 05*					
HAZARDOUS CODES	HP7					
SOURCE	Bristol, City of					
OPERATOR'S NAME	Tony Jackson	OPERATOR'S SIGNATURE				
CUSTOMER'S NAME		CUSTOMER'S SIGNATURE				
From the 30th October 2007 it is a legal requirement that all waste for Landfill is pre-treated. By signing this document you are confirming that the above conditions have been complied with. I declare that the waste hierarchy has been considered in deciding the most appropriate waste management option for the waste being transferred.						
HAULIER'S NAME	Herbert Niael	HAULIER'S SIGNATURE				
CONSIGNMENT No's.	SANCTU/CK018					
SUBJECT TO HILLS WASTE SOLUTIONS LIMITED TERMS & CONDITIONS OF BUSINESS WHICH ARE AVAILABLE FOR INSPECTION AT THE COMPANY'S HEAD OFFICE. REGISTERED IN ENGLAND AND WALES No. 571289						

A record of the weights used for this transaction is available for six months



The Hazardous Waste Regulations 2005: Consignment Note



PART A Notification details

1 Consignment note code: **SANCTUS/CK018**

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):
**FRISOL WASTE COMPANY 83 ANDCLIFFE WAY
BOSCOL BS3 5RN**

3 Premises code (where applicable):

4 The waste will be taken to (name, address and postcode):
**HILLS MORES LANE FURZON,
SWINDON SN5 4HG**

5 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):
**INFORMA CONSULTANTS
SANCTUS LTD SANCTUS HOUSE
1 OLIMPIUS PARK GL2 4DH**

PART B Description of the waste

If continuation sheet used, tick here

1 The process giving rise to the waste(s) was: _____

2 SIC for the process giving rise to the waste: **39.001**

3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

Description of waste	List of wastes (EWC code)(6 digits)	Quantity (kg)	The chemical/biological components in the waste and their concentrations are:		Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard code(s)	Container type, number and size
			Component	Concentration (% or mg/kg)			
CONCRETE WITH ADHESION IN BLUE CHRYSOTILE	170605	18,000	ASBESTOS CHRYSOTILE	20.1%	SOLID	H7	8MTV

The information given below is to be completed for each EWC identified

EWC code	UN identification number(s)	Proper shipping name(s)	UN class(es)	Packing group(s)	Special handling requirements
170605	UN2590	CONCRETE WITH ADHESION IN BLUE CHRYSOTILE WASTE	9	III	/

PART C Carrier's certificate

PART D Consignor's certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here.)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises part of a multiple collection the round number and collection number are:

/

1 Carrier name: **Nigel Herbert**
On behalf of (name, address, postcode, telephone, e-mail, facsimile):
**R M Perry LTD GREEN ST STONEHANGTON
SOMERSET BA3 43Y 01761241387**

2 Carrier registration no./reason for exemption: **CB0W96479**

3 Vehicle registration no. (or mode of transport, if not road): **WU69AMK**

Signature: *[Signature]*
Date: **02/12/2020** Time: **0800**

I certify that the information in A, B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011.

1 Consignor name: **R. Crook**
On behalf of (name, address, postcode, telephone, e-mail, facsimile): **SANCTUS LTD
1 OLIMPIUS PARK GL2 4DH 01453 828222**

Signature: *[Signature]*
Date: **02/12/2020** Time: **0800**

PART E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC)

Individual EWC code(s) received	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste management operation (R or D code)
170605	4880	A	DOS

1 I received this waste at the address given in A4 on: Date **02/12/2020** Time **0941**

2 Vehicle registration no. (or mode of transport if not road): **WU69AMK**

Name: **Darson**
On behalf of (name, address, postcode, telephone, e-mail, facsimile):

I certify that waste permit/exempt waste operation number: **NP3934LH**

authorises the management of the waste described in B at the address given in A4.

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

**Hills Waste Solutions Limited
Parkgate Farm Waste Facility
Mopes Lane, Purton, Swindon
Wiltshire, SN5 4HG Tel: 01793 773410**

Signature: *[Signature]*
Date: **02/12/2020** Time: **0941**

Windsor Waste Management Ltd
 Unit 29 Childerditch Industrial Estate
 Childerditch Hall Drive
 Little Warley, Brentwood, CM13 3HD
 Tel: 01708 55 99 66
 Web: www.winwaste.com
 Email: enquiries@winwaste.com



Waste Transfer Note

Customer

Sanctus Ltd

Site Address

HARTCLIFFE WAY, BRISTOL, BRISTOL WASTE COMPANY, HARTCLIFFE WAY, BS3 5RN

Contact Info

DAN INGRAM - 07825 173378

Ticket No. 991

Date 15-October-2020

Account No. SANCTUS

Order Number S2775/DI

Movement Type **EXCHANGE**

Area	Vehicle Reg	EWC Code	17 06 05*
Bristol, City of	GF19 UMO	SIC Code	39000
Skip Size 40yd Open Rolonof	Bin In	Waste Type	Cement Asbestos
Special Instructions	Bin Out 49	Confirmed Waste Type	Cement Asbestos
Al.			

Warning - Under the Duty of Care Environmental Protection Act 1990, the hirer is responsible for informing the driver of the contents of the skip.

All reasonable care will be taken when servicing sites/containers however, in the unlikely event that any damage is caused by one of our drivers please report this to us in writing within 48 hours of the incident. Windsor Waste Management Ltd will not take responsibility for any damage where the driver has been asked to carry out a manoeuvre against his professional judgement.

Please note that prices for all deliveries, exchanges and collections include thirty minutes on site, after which waiting time will be charged at £100 per hour or part thereof. In the case of a wait and load the first hour is free, after which, waiting time is chargeable as above. 30 minutes waiting time is included for van collections.

We anticipate site opening hours to be 8am-5pm however, if the site access times differ to this please make the office aware. If we attempt to service the site during these hours and we are unable to gain access it may be necessary to charge for a wasted journey.

Any containers on site for 45 days without exchange or collection will incur a rental charge of £4 per day.

It is the Hirer's responsibility to ensure that the container is filled to a level load and is not overweight.

Containers must not be moved by the Hirer, any damage caused in doing so will be charged for.

All products and services are supplied in line with our Standard Terms & Conditions which are available for download on our website.

DISPOSAL POINT HILLS GROUP, SWINDON	HAULIER	
Waste Disposal Licence No:	Waste Carrier Signature:	
Gross Weight: 0		
Tare Weight: 0	Print Name: MARTIN BELL	
Net Weight: 10820	Date: 15-October-2020	
Ticket No: 584613	Time On Site:	Time Complete:

I understand and accept all the Terms and Conditions of the hire, as printed and i confirm that I have fulfilled the duty to apply the waste hierarchy as requested by regulations 12 of the Waste Regulations 2011 for (England and Wales)

Signature:

Print Name:

An Electronic copy of this Waste Transfer Note is available on request.

Company Registration Number: 4081179 VAT Registration Number: GB 183 6866 62 Carrier Licence: CBDU63545

The Hazardous Waste Regulations 2005: Consignment Note

CARRIER'S COPY

Your blank consignment notes can be re-ordered using the contact details below, quoting product code HWMCCN01 v051

tel: +44 (0) 1708 55 99 66
email: enquiries@winwaste.com web: www.winwaste.com

Windsor
waste management ltd

991

Ben 49

Head Office: Unit 20 Chichester Industrial Estate, Chichester Road, Little Witley, West Sussex, PO13 3JQ. Name & Registered Office: Windsor Waste Management Limited, Unit 20 Chichester Industrial Estate, Chichester Road, Little Witley, West Sussex, PO13 3JQ. Company Registered in England No. 0311719. Terms and Conditions are set out on website.

PART A Notification details

1 Consignment note code: **SAWCT0182109**
2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):
**BRISTOL WASTE COMPANY
HARTCLIFFE WAY
BRISTOL BS35RN
SALFORD**

3 The waste will be taken to (name, address and postcode):
**HILLS GRAD UK
MOPES LANE
SWINDON SN54HG**
4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):
**Sanctus House, 1 Olympus Park Business Centre,
Quedgeley, Gloucester, Gloucestershire, GL2 4DH**

PART B Description of the waste

1 The process giving rise to the waste(s) was: **Removal**
2 SIC for the process giving rise to the waste: **39 20 41**

3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

Description of waste	List of wastes (EWC code) (6 digits)	Quantity (kg)	The chemical/biological components of the waste and their concentrations are:		Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard code(s)	Container type, number and size
			Component	Concentration (% or mg/kg)			
CEMENT ASBESTOS	170605	4000	CEMENT ASBESTOS	21%	SOLID	T12 T13	4000

The information given below is to be completed for each EWC identified

EWC code	Packing group(s)	UN identification number(s)	Proper shipping name(s)	UN class(es)	Special handling requirements

PART C Carrier's certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If a schedule of carriers is attached tick here.)
I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.
Where this note comprises part of a multiple collection the round number and collection number are:
1
1 Carrier name: **WINDSOR WASTE MANAGEMENT**
On behalf of (name, address, postcode, telephone, e-mail, facsimile):
**CHINDEN ROAD, IND GST
BRISTOL, GL2 4DH**
2 Carrier registration no./reason for exemption:
3 Vehicle registration no. (or mode of transport, if not road): **CB0063545**
Signature: **Ben 49**
Date: **15/10/2020** Time: **1500**

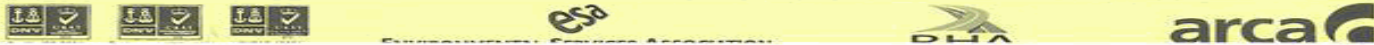
PART D Consignor's certificate

I certify that the information in A, B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.
I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011.
1 Consignor name: **R. COOK**
On behalf of (name, address, postcode, telephone, e-mail, fac):
Sanctus House, 1 Olympus Park Business Centre, Quedgeley, Gloucester, Gloucestershire, GL2 4DH
Signature: **R. Cook**
Date: **15/10/2020** Time: **1500**

PART E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC)

Individual EWC code(s) received	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste management operation (R or D code)
170605	10820	A	D05

1 I received this waste at the address given in A4 on: Date **16/10/2020** Time **0734**
2 Vehicle registration no. (or mode of transport if not road): **GF19UMO**
Name: **T. Jackson**
On behalf of (name, address, postcode, telephone, e-mail, facsimile):
**Hills Waste Solutions Limited
Parkgate Farm Waste Facility
Mopes Lane, Purton, Swindon
Wiltshire SN5 4HG Tel: 01793 773410**
3 Where waste is rejected please provide details:
I certify that waste management licence/permit/authorised exemption no(s):
NP3934LH
authorises the management of the waste described in B at the address given in A4.
Signature: **T. Jackson**
Date: **16/10/2020** Time: **0734**

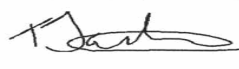
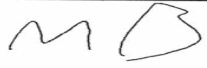


False


**SALES ADVICE & CONTROLLED WASTE
TRANSFER NOTE**
Incoming
Hills Waste Solutions Ltd
Head Office:
 Wiltshire House,
 County Park Business Centre,
 Shrivenham Road,
 Swindon, SN1 2NR

 Tel No: 01793 781200
 Fax No: 01793 781201
 VAT No: 194 3718 37

Trans Date: 16/10/2020
Ticket Number: 584613
Disp Point: Parkgate Farm Haz Landfill
Lic/Permit Nbr: EPR/NP3934LH

CUSTOMER ADDRESS	WINDSOR WASTE MANAGEMENT LTD Unit 29, Childerditch Hall Business Park Childerditch Hall Lane Brentwood	DELIVERY/ PRODUCER ADDRESS	Tipping Asbestos Windsor Waste Management Ltd			
ACCOUNT NUMBER	W75990	S.I.C. CODE	38110			
CUSTOMER ORDER No.		CWTN No.				
FLEET No.		WEIGHTS	DATE	TIME	TALLY No	
VEHICLE REG	GF19UMO	28700 kg	GROSS	16/10/2020	07:34:31	99034415
VEHICLE TYPE	Hooklift / RO35	17880 kg	TARE	09/10/2020	08:00:57	Used Previous
		10820 kg	NETT			
HAULIER CODE	HA00000256	QUANTITY	Consignment Note Charge Applied			
HAULIER NAME	Windsor Waste Management Ltd					
WASTE CARRIER No	CBDU63545					
ROUND NUMBER						
MAX WEIGHT						
MATERIAL DESCRIPTION	Hazardous Asbestos - Construction					
EWC CODE	17 06 05*					
HAZARDOUS CODES	HP7,HP5					
SOURCE	Essex					
OPERATOR'S NAME	Tony Jackson	OPERATOR'S SIGNATURE 				
CUSTOMER'S NAME		CUSTOMER'S SIGNATURE				
From the 30th October 2007 it is a legal requirement that all waste for Landfill is pre-treated. By signing this document you are confirming that the above conditions have been complied with. I declare that the waste hierarchy has been considered in deciding the most appropriate waste management option for the waste being transferred.						
HAULIER'S NAME	Bell Martyn	HAULIER'S SIGNATURE 				
CONSIGNMENT No's.	SANCTU/82109					
SUBJECT TO HILLS WASTE SOLUTIONS LIMITED TERMS & CONDITIONS OF BUSINESS WHICH ARE AVAILABLE FOR INSPECTION AT THE COMPANY'S HEAD OFFICE, REGISTERED IN ENGLAND AND WALES No. 571289						

 A record of the weights used for this transaction
 is available for six months




Sanctus House, Stonehouse Park,
Stonehouse, Gloucestershire. GL10 3UT
Tel - 01453 828222

Ticket Number 05701

Sanctus Contract No S 2775 :

Waste Transfer Note – Duty of Care Non Hazardous

Date 25/11/2020 Time 07:30

Waste Producer SANCTUS LTD

Waste Producer Address SANCTUS HOUSE

1 OLYMPUS PARK GLOS

Post Code GL2 4DH

Name of Transferee R. COOK

Signature R. COOK

By Signing above I confirm I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England & Wales) Regulations 2011.

Waste Description CLEAN CONCRETE

EWC

17 01 07		17 03 02	
17 05 04		17 09 04	
20 02 01			
Other <u>17/01/01</u>			

SIC Code 39000

Weight Tonnes / Volumem³

Vehicle Description

Skip		8WTV	<input checked="" type="checkbox"/>
Ro Ro		Artic	<input type="checkbox"/>
Other			

Haulier Name RM PENNY

Haulier Address SAR STON EASTON

Post Code BA3 4BY

Carrier Registration No CB009647A

Vehicle Reg WU19 MRY

Drivers Name JOHN MARTIN

Drivers Signature J Martin

Receiver Location Name EMBOROUGH

Receiver Location Address RECYCLING

WELLS RD

Post Code BA5 3EP

Permit Number EPR183933RX

Name of Receiver

Signature

Date 25/11/2020



Sanctus House, Stonehouse Park,
Stonehouse, Gloucestershire. GL10 3UT
Tel - 01453 828222

Ticket Number 05731
Sanctus Contract No S 2775

Waste Transfer Note – Duty of Care Non Hazardous

Date 10/12/2020 Time 11.15

Waste Producer SANCTUS LTD

Waste Producer Address SANCTUS HOUSE

1 OLYMPUS PARK GLAS

Post Code GL2 4DH

Name of Transferee R. COOK

Signature R. M. L

By Signing above I confirm I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England & Wales) Regulations 2011.

Waste Description HARDCORE

EWC

17 01 07		17 03 02	
17 05 04		17 09 04	
20 02 01			
Other <u>17/01/01</u>			

SIC Code 39000

Weight 20 Tonnes / Volume 17 m³

Vehicle Description

Skip	<input checked="" type="checkbox"/>	8WTV	<input checked="" type="checkbox"/>
Ro Ro		Artic	
Other			

Haulier Name EIM REGENCY LTD

Haulier Address EIM QUARRY

HORBWOOD LANE BRISOL

Post Code BS41 9DW

Carrier Registration No CB0194047

Vehicle Reg WV65 UJM

Drivers Name PERE

Drivers Signature [Signature]

Receiver Location Name [Arrow]

Receiver Location Address AS ABOVE

Post Code

Permit Number EPR/M3 338/34 AV

Name of Receiver

Signature

Date/...../20.....

The Hazardous Waste Regulations 2005: Consignment Note



Environment Agency

PRODUCER'S COPY

PART A Notification details

1 Consignment note code: **SANCTUS/CK003**

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):
**BRISTOL WASTE COMPANY 83 HARCLIFFE WAY
BRISTOL BS3 5RN**

3 Premises code (where applicable):

--	--	--	--	--	--	--	--	--	--

4 The waste will be taken to (name, address and postcode):
**TRECATI LANDFILL SITE BIFFA WASTE -
FOCALW MERTHYR TYDFIL
MID GLAMORGAN CF48 4AB**

5 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile): **INFO@SANCTUS.CO.UK
SANCTUS LTD
1 OLYMPUS PARK, GLOS GL2 4DH**

PART B Description of the waste

If continuation sheet used, tick here

1 The process giving rise to the waste(s) was: _____ 2 SIC for the process giving rise to the waste: **39.00/**

3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

Description of waste	List of wastes (EWC code)(6 digits)	Quantity (kg)	The chemical/biological components in the waste and their concentrations are:		Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard code(s)	Container type, number and size
			Component	Concentration (% or mg/kg)			
HYDROCARBON SOILS (CONTAINING SUBSTANCES)	170503	90000	TPH	70.1%	SOLID	H7	8NTV

The information given below is to be completed for each EWC identified

EWC code	UN identification number(s)	Proper shipping name(s)	UN class(es)	Packing group(s)	Special handling requirements
170503	/	TOTAL PETROLEUM HYDROCARBONS	/	/	/

PART C Carrier's certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here.)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises part of a multiple collection the round number and collection number are:

/

1 Carrier name: **J MEAD**
On behalf of (name, address, postcode, telephone, e-mail, facsimile):
**2.M PENNY LTD GREEN ST STON EASTON,
SOMERSET BA3 4BY 01761 241387.**

2 Carrier registration no./reason for exemption:

3 Vehicle registration no. (or mode of transport, if not road): **NUG7 CPX**

Signature **J MEAD**
Date **30/11/2020** Time **0800**

PART D Consignor's certificate

I certify that the information in A, B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011.

1 Consignor name: **R. CROOK**
On behalf of (name, address, postcode, telephone, e-mail, facsimile): **SANCTUS LTD,
1 OLYMPUS PARK GLOS,
GL2 4DH.**

Signature **R.C.**
Date **30/11/2020** Time **0800**

PART E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC)

Individual EWC code(s) received	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste management operation (R or D code)

1 I received this waste at the address given in A4 on: Date Time

2 Vehicle registration no. (or mode of transport if not road): _____

Name: _____
On behalf of (name, address, postcode, telephone, e-mail, facsimile): _____

3 Where waste is rejected please provide details:

I certify that waste permit/exempt waste operation number:

authorises the management of the waste described in B at the address given in A4.

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

Signature _____
Date Time

The Hazardous Waste Regulations 2005: Consignment Note



Environment Agency

PRODUCER'S COPY

PART A Notification details

1 Consignment note code: **SANCTUS/CK018**

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):
**BRISOL WASTE COMPANY 83 HATCLIFFE WAY
BRISOL BS3 5RN**

3 Premises code (where applicable):

4 The waste will be taken to (name, address and postcode):
**HILLS MORES LANE PURION,
SWINDON SN5 4HG**

5 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):
**INFO@SANCUS.CO.UK
SANCUS LTD SANCUS HOUSE
1 OLYMPUS PARK GL2 4DH**

PART B Description of the waste

If continuation sheet used, tick here

1 The process giving rise to the waste(s) was:

2 SIC for the process giving rise to the waste: **39.001**

3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

Description of waste	List of wastes (EWC code)(6 digits)	Quantity (kg)	The chemical/biological components in the waste and their concentrations are:		Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard code(s)	Container type, number and size
			Component	Concentration (% or mg/kg)			
CONCRETE FRAGMENTS WITH CEMENT BOND	170605	18000	ASBESTOS CHRYSOTILE	<0.1%	SOLID	H7	8NTV

The information given below is to be completed for each EWC identified

EWC code	UN identification number(s)	Proper shipping name(s)	UN class(es)	Packing group(s)	Special handling requirements
170605	UN2590	CONCRETE WITH ASBESTOS IN BOND CHRYSOTILE WASTE	9	III	/

PART C Carrier's certificate

(If more than one carrier is used, please attach schedule for subsequent carriers. If schedule of carriers is attached tick here.)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

Where this note comprises part of a multiple collection the round number and collection number are:

1 Carrier name: * **NIGEL HERBERT**
On behalf of (name, address, postcode, telephone, e-mail, facsimile):
**R.M PENNY LTD GREENS ST STONE EASTON
SOMERSET BA3 4BY 01761241387**

2 Carrier registration no./reason for exemption: **CBDA96479**

3 Vehicle registration no. (or mode of transport, if not road): **WU69 AMK**

Signature *

Date **02/12/2020** Time **08:00**

PART D Consignor's certificate

I certify that the information in A, B and C has been completed and is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011.

1 Consignor name: **R. CROOK**
On behalf of (name, address, postcode, telephone, e-mail, facsimile): **SANCUS LTD
1 OLYMPUS PARK GL2
GL2 4DH 01453 828222**

Signature **R. Crook**

Date **02/12/2020** Time **08:00**

PART E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC)

Individual EWC code(s) received	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste management operation (R or D code)

1 I received this waste at the address given in A4 on: Date Time

2 Vehicle registration no. (or mode of transport if not road):

Name:

3 Where waste is rejected please provide details:

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

I certify that waste permit/exempt waste operation number:

authorises the management of the waste described in B at the address given in A4.

Where the consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

Signature

Date Time

PART A Notification details

1. Consignment Note Code **BS35RN/25322**

2. The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):
Storage Tank Solutions c/o Hartcliffe Way, Bristol, BS3 5RN

3. Premises code (where applicable):

4. The waste will be taken to (name, address, postcode):
Adler and Allan Ltd, Unit 3 Harcourt St, Walkden, Worsley, Manchester, M28 3GN

5. The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):

PART B Description of the waste

1 The process giving rise to the waste(s) was: **Petrol filling station**

2 SIC for the process giving rise to the waste: **47.30**

3 WASTE DETAILS (where more than one waste type is collection all of the information given below must be completed for each EWC identified)

Description of waste	EWC Code	Quantity	Component	Concentration (% or mg/kg)	Physical form	Hazard Property	Container type, number and size
Mixed Fuel Tank Washings	16 07 09*	7000	Petrol	1%	Liquid	HP3, HP4, HP5, HP7,	7000
		LTRS	Diesel	1%			LTRS
			water	Balance			

The information given below is to be completed for each EWC identified above

EWC Code	UN Identification Number	Proper Shipping Name	UN Class	Packing Group	Tunnel Category	Special handling requirements
16 07 09*	1203	MOTOR SPIRIT or GASOLINE or PETROL	3	II	2(D/E)	PPE

PART C Carrier's declaration

PART D Consignor's declaration

I certify that today I collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

I certify that the information in A, B and C above are correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements. I confirm that I have fulfilled my duty to apply the waste hierarchy as required by regulation 12 of the Waste (England and Wales) Regulations 2011.

Where this note comprises part of a multiple collection round no and collection no are:

1 Carrier name: **G. HIGHAM**

1 Consignor name: **Adler and Allan**

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

On behalf of (name, address, postcode, telephone, e-mail, facsimile):

Ancorra Environmental Services, Ancorra House, Hammond Road, Knowsley Industrial Park, Merseyside, L33 7UL, 312456

Storage Tank Solutions c/o Hartcliffe Way, Bristol, BS3 5RN

2 Carrier registration no./reason for exemption: **CBDU81563**

Signature: **J. WOODALL**

3. Vehicle registration no: **KU17 WXL**

Date: **16/11/20** Time: **12.15**

Signature: **[Signature]**

Date: **16/11/20** Time: **12.15**

PART E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC)

EWC Code	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste management operation (R or D code)
16 07 09*			

I received this waste at the address given in A4 on:

At

2. Vehicle registration no:

Where waste is rejected please provide details:

Consignee Name:

here a consignment forms part of a multiple collection, as identified in Part C, I certify that the total number of consignments forming the collection are:

On behalf of:

I certify that waste management licence/permit/authorised exemption no(s):

Signature

authorises the management of the waste described in B at the address given in A4.

Date

Time

Appendix F

Gas Free Certificate

Job No. 25322

No. 3338



Certificate of Test

This certificate is valid for 24 hours from the time of test.

Customer Storage Tank Solvents Date 16.11.2020
Bould Time of Test 11:24 11:40 12:06
BS 3 5 RN Valid Until 17.11.2020 as above times

Tank / Area Identification Spirit, gas oil, Diesel,
Reason for Test To be removed from site

We certify that we have tested the atmosphere of the Tank / ~~Pipework~~ / ~~Area~~* mentioned above and found them to ~~contain~~ / be free* from flammable gas or vapour and are ~~not~~ / safe* for hot / cold work.

*Tester to delete as appropriate

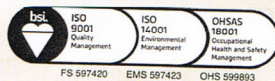
Test Result: Oxygen 20.9 %, L.E.L. 0 %

The tank must not / ~~may be~~* entered without the use of breathing apparatus.

Special conditions and precautions to be observed are printed on the reverse of this certificate, the validity of which would be null and void if contravened.

Authorised by: R. Davies
On behalf of Ancorra Environmental Services

Ancorra Environmental Services Ltd. Ancorra House, Hammond Road
Knowsley Industrial Park, Merseyside, L33 7UL.
www.ancorraenvironmental.co.uk



Appendix G

YellowSub Geo Correspondence

Adam Packman

From: Gareth Owen <gareth@yellowsubgeo.com>
Sent: 18 December 2020 16:17
To: Adam Packman; Jacob Brotherton
Cc: Shaun Tolfree; Russell Crook; Anneliese Whiteley; David Purcell; Alex Egan; Catherine Osborn; James Mortimer
Subject: RE: Hartcliffe Way

CAUTION: This message originated outside Sanctus, please exercise caution with attachments or hyperlinks. If in any doubt, contact IT Services immediately.

Hi Adam,

Many thanks for the update. We have spun through the new data and it all seems to be within the range that we will be able to make a risk-based representation to the regulator that the soils remediation is satisfactorily complete. The two remaining aspects that need to be addressed are the blocking/ removal of the drainage runs and the need for gas protection membrane in any new buildings (if new buildings are indeed planned). Both are something that can easily be implemented during the Main Contractor's scope of works if required – Dave, perhaps we need to discuss this to ascertain how best to make sure it is covered?

We'll now invest some time in early January doing some post-works groundwater monitoring and pulling together the Validation Report. In the meantime, we are now having a well-earned rest over the Christmas period and will be back at work on Monday 4th January. Have a good Christmas and New Year everyone.

Kind regards,

Gareth

Gareth Owen

Director

E: gareth@yellowsubgeo.com

T: 07572 070 798

From: Adam Packman <apackman@sanctusltd.co.uk>

Sent: 14 December 2020 13:57

To: Gareth Owen <gareth@yellowsubgeo.com>; Jacob Brotherton <jacob@yellowsubgeo.com>

Cc: Shaun Tolfree <stolfree@sanctusltd.co.uk>; Russell Crook <rcrook@sanctusltd.co.uk>; Anneliese Whiteley <Anneliese@yellowsubgeo.com>; David Purcell <dpurcell@slrconsulting.com>; Alex Egan <alex@yellowsubgeo.com>; Catherine Osborn <catherine.osborn@bristolwastecompany.co.uk>

Subject: RE: Hartcliffe Way

Good Afternoon Gareth,

Thank you for your comments on the removal of the tanks, we ended up removing the soils around V7 which has failed as part of the works chasing out the impacted drainage run, this was excavated down to natural leaving no Made Ground at that face.

We have now received the results of the revalidation sampling (V11A – V16A) which I have added to the updated assessment sheet attached. As you can see there are still some failures however the concentrations are lower than previously recorded. As with the previous samples, these were samples of the Made Ground and had no visual or olfactual evidence of contamination other than the previously mentioned ashy material as shown to Anna when she was on site.

With regards to the validation of the drainage run, we had sampled the drainage run (Samples V24 and 25 on the attached) on the basis of one sample per 10m so I attended site again last week to recover further samples to get to the required 1no sample per 5m. I am pleased to say that the validation samples recovered from the trench, which were of the underlying clay soils have all come back clean and I am not expecting any issue with the outstanding samples either. We will be producing an as-built of the remedial works clearly demonstrating the locations of each of the validations samples in due course.

Kind Regards

Adam Packman, Environmental Engineer



Sanctus Limited

Sanctus House, 1 Olympus Park Business Centre, Quedgeley
Gloucester, Gloucestershire, GL2 4DH

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07717367377

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