



BRADFORD ROAD, MANCHESTER: GASHOLDER INFILLING CLOSE- OUT REPORT

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This document has 31 pages including the cover.

Document history

Document title: Gasholder Infilling Verification Report

Revision	Purpose description	Originated	Checked	Reviewed	Authorised	Date
1.0	Draft	A. Parker Environment al Consultant	E. Mcleod Environment al Consultant	C. Hughes Associate	R. Graham Associate Director	October 2024
2.0	Final	A. Parker Environment al Consultant	E. Mcleod Environment al Consultant	C. Hughes Associate	R. Graham Associate Director	October 2024
3.0	Version 2 – following MCC review	A. Parker Environment al Consultant	A. Parker Environment al Consultant	R. Graham Associate Director	R. Graham Associate Director	November 2024

Client signoff

Client	National Grid Property Holdings Ltd.
Project	BRADFORD ROAD, MANCHESTER: GASHOLDER INFILLING CLOSE-OUT REPORT
Job number	5214773
Client signature/ date	



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Executive Summary

AtkinsRéalis UK Limited (AtkinsRéalis) was commissioned by National Grid Property Holdings Ltd. (NGPH) to produce a Gasholder Infilling Verification Report to document the completion of infilling of a former below ground gasholder at the NGPH site at Bradford Road, Manchester (NGPH Site Code: 0049). This report was produced for submission to Manchester City Council to fulfil the remaining condition (production of a verification report – condition 2) as set out in the prior approval documents 134295/DEM/2022 and CDN/23/0221.

This verification report summarises the infilling of the Gasholder No.2 void with imported fill material to bring the below ground void to ground level. Erith Contractors Limited (Erith) were appointed by NGPH as the Design and Build Contractor for both the demolition and infilling works. This report solely describes the infilling works. The gasholder infilling and verification were completed in accordance with the specifications as defined in the Atkins, Bespoke Demolition and Infilling Report [1].

The imported fill material for the gasholder was specified to comprise either primary, recycled, or secondary aggregate, or other suitable fill material. A recycled Class 6F5 and Class 1A cohesive general bulk infill and a recycled Class 6F5 capping layer were all sourced by Erith for infilling the gasholder void. The gasholder annulus and siphon pits were infilled with recycled Class 6A self-compacting material.

Geotechnical and chemical samples were obtained from the fill materials sourced at regular intervals throughout the course of the works. Chemical analysis of the infill material undertaken for verification purposes identified exceedances for lead and benzene in Waste and Resources Action Programme (WRAP) material. However, these exceedances are not considered likely to be hazardous to human health for the site end-use.

The demolition and infilling works were undertaken concurrently and completed between 19 June 2023 and 8 August 2024. All works were completed in accordance with the prior approval conditions 1 to 6 as detailed in the prior approval document 134295/DEM/2022. Condition 1, 3 to 6 were completed and discharged prior to the works as detailed in correspondence CDN/23/0221.

No residual contamination associated with Gasholder No.2 is considered to be present at the site on completion of the works programme and as such no further action deemed to be required. This report is deemed to provide evidence that supports the discharge the condition for the requirement of a Verification Report.



1. Introduction

1.1 General

AtkinsRéalis was requested by National Grid Property Holdings Ltd. (NGPH) to complete a gasholder infilling verification report for Manchester City Council following infilling of a below ground gasholder tank (Gasholder No. 2) at the NGPH site at Bradford Road, Manchester, M40 7BN, herein referred to as 'the site'.

An application for determination of the requirement for prior approval for demolition of the gasholder was submitted to Manchester City Council (application number 134295/DEM/2022). A decision notice confirming that prior approval to undertake demolition was not required was received on 30 August 2022, provided in Appendix A, which outlined six conditions to the works, which were:

- Condition 1 – Contamination
- Condition 2* – Verification plan, providing details that the data will be collected in order to demonstrate the works shall be completed in accordance with the Atkins, Bespoke Demolition and Infilling Report [1].
- Condition 3 – Asbestos Management Plan
- Condition 4 – Finalised Demolition Methodology
- Condition 5 – Nesting Bird Season
- Condition 6 – Traffic Management Plan

*Remaining condition to be discharged under 134295/DEM/2022.

Condition's 1 and 3 to 6 were discharged on the 5 September 2023, prior to the commencement of the demolition and infilling works as detailed in CDN/23/0221, shown in Appendix A. As a requirement of Condition 1, a selection of reports including previous Site Investigations, Preliminary Infill Assessment, Controlled Waters Gasholder Infill Acceptance Criteria and a Bespoke Demolition and Infilling Report were submitted to discharge Condition 1. The bespoke demolition and infilling document included a strategy and verification requirements for the demolition and infilling works. This report provides details on how the data was collected and verified during the infilling works in order to demonstrate the works were completed in accordance with the Bespoke Demolition and Infilling Report [1]. Please note the numbering of conditions has been referenced as per the CDN/23/0221 document.

This verification report was produced for submission to Manchester City Council to fulfil the remaining condition set out in the prior approval document 134295/DEM/2022. A site location plan is presented as Figure 1 and a site layout plan (layout prior to any demolition and infilling works) as Figure 2 in Appendix B. A post-works topographic survey following completion of demolition and infilling works has been provided in as drawing number "12456-ASBUILT-004", presented in Appendix C.

This report summarises the infilling of the below ground gasholder void with imported fill material. The infilling scope of works was completed by the appointed Contractor, Erith Contractors Ltd (Erith).



1.2 Background

The site is located approximately 2.5 km east of Manchester city centre centred at National Grid Reference 386580E 399170N and covers an area of approximately 2.5 hectares (Ha) with an approximate elevation of between 52 m and 54 m Above Ordnance Datum (AOD).

The site is part of the former larger Bradford Road Gasworks, a coal gas manufacturing and storage facility, which was first developed during the late 19th century.

Gasholder No. 2 was constructed in 1910 and comprised a four-lift riveted steel column-guided gasholder, with a tank diameter of 86.87 m and depth of 14.0 m (the tank depth has been confirmed at 14.0 m, however the archive information indicated the tank is 13.6 m, which is a discrepancy of 0.40 m). The dumping is of solid construction of concrete over puddle clay in a truncated stepped conical shape.

As detailed in Bespoke Demolition and Infilling Report [1], the risk of contamination from Gasholder No. 2 prior to demolition and infilling was considered Low, the requirement to demolish and infill the holder void was to aid the future sale of the site.

This report relates to the infilling of Gasholder No. 2 only (see Figure 2 in Appendix B).

1.3 Scope and Objectives

An application for determination of the requirement for prior approval for demolition of the gasholder was submitted to Manchester City Council (application number 134295/DEM/2022). A decision notice confirming that prior approval to undertake demolition was not required was received on 30 August 2022, which outlined conditions of the works.

This report has been progressed to support the discharge of Condition 2 of the decision notice: the objective of this report is to detail the infilling works carried out at the site as per the Bespoke Demolition and Infilling Report [1] and provide verification of the materials used. This report will also establish the final site conditions, following completion of the works. The purpose of the works was to render the infilled footprint of the former gasholder suitable for an open storage end-use.

Prior to the commencement of the infilling, Gasholder No. 2 was de-watered and de-sludged and the gasholder lifts removed. The gasholder superstructure and ancillary structures were removed concurrently with the infilling of the gasholder. The infill works comprised:

1. Site clearance, installation of access ramps and removal of above ground fence structures in the area of the gasholder to allow safe and sufficient access to the gasholder for works.
2. Identification by the Contractor of potential sources of import material for acceptance by the NEC3 Project Manager.
3. Import suitable bulk fill and granular capping material protective of site-specific human health and controlled water criteria and compaction of bulk fill material within the gasholder tank to match existing surrounding ground levels.

1.4 Project Directory

Table 1-1 summarises the parties involved in the project and their associated roles.



Table 1-1 - Project directory of involved parties

Role	Organisation
Employer	National Grid Property Holdings Ltd.
Quantity Surveyor	Pick Everard
Principal Designer/ NEC3 Project Manager/ Supervisor	AtkinsRéalis UK Limited
Health & Safety/ CDM Advisor	AECOM
Principal Contractor	Erith Contractors Ltd
Local Authority	Manchester City Council
Public Relations	IPB
NGP Estate Management	BNP Paribas

1.5 Assumptions and Exclusions

Any data from previous reports undertaken by third parties that has been incorporated into this report have been assumed to be correct for the purposes of this assessment. AtkinsRéalis does not accept liability for the validity of reports by or on behalf of third parties.

The information in this report is based upon the current understanding of the site status and the ground conditions at the site. Should conditions at the site be found to be different during future investigations or earthworks, the assessments made within this document may be liable to change. Further assessment, investigation, and/ or validation sampling may be necessary to validate groundworks or any other works that materially alter the existing site profile on site or should the end use or design of the site development alter.

This report draws upon data from the validation testing undertaken as part of the infilling works, which relies upon the testing of a relatively small proportion of the sub-surface conditions at the site. Inferences drawn from these assessments are subject to the limitations of any such study.



2. Verification Works

2.1 General Scope Completed

The demolition and infilling works were undertaken concurrently and completed between 19 June 2023 and 8 August 2024. Erith demobilised from site on the 16 August 2024.

The works were completed in accordance with the specifications as defined in the Bespoke Demolition and Infilling Report [1].

The dewatering works were commenced ahead of the discharge conditions of the decision notice as agreed with Manchester City Council, email correspondence is provided in Appendix A.

2.2 Pre-Infill Works

As noted previously, the demolition, dewatering, and de-sludging of Gasholder No. 2 was completed prior to any infilling works. A brief summary of the works is detailed below:

1. A total of 38707.83 m³ of water was discharged from the gasholder tank into the mains sewer in accordance with the United Utilities Discharge Licence. Following the initial de-watering of the gasholder, an additional 889 m³ of residual water was discharged into the mains sewer. Pondered surface water resulting from rainfall was occasionally discharged during the infilling phase.

Groundwater ingress was visually observed in the base of the gasholder during de-sludging works (prior to infilling), stabilising at approximately 0.5 m above the base of the tank. A 0.5 m layer of 6A self-compacting material was therefore placed in the gasholder annulus.
2. A total of 1753.15 m³ of sludge was removed from the gasholder. Photographic evidence was provided by Erith to illustrate that sludge present at the base of the water tank was removed with no significant residue remaining. Example photographs are included in Appendix D and sludge waste transfer notes are included in Appendix E.
3. The construction of a gasholder access ramp of Class 6A and 6F5 imported material to facilitate subsequent infilling was completed.
4. The gasholder lift walls, and crown were removed and the metal sent for recycling. The superstructure was also removed concurrently with infilling works; a total of 3030.36 tonnes (T) of metal was sent offsite for recycling.

2.3 Consents

The following consents were received following consultation with stakeholders and regulatory bodies prior to the works commencing:

- HSE F10 – Notification of Construction Project originally issued 27 April 2023 with a start date of 5 June 2023, with a duration of 60 weeks.
- Manchester City Council Section 81 – Notice of Intended Demolition of gas holder structure, Gas Holder, Bradford Road, Manchester, M40 7BT. Notice of consent dated 16 August 2023 (Application No. DM/23/00543).
- Manchester City Council Section 80 – Prior Approval for the demolition of gasholder and associated buildings and infrastructure, and associated restoration of site. Gas Holder, Alan Turing Way, Manchester, M40 2XG. Notice of consent dated 30 August 2023 (Application No. 134295/DEM/2022).
- Manchester City Council Section 80 – Approval of details reserved by condition. Dated 5 August 2023 (Application No. CDN/23/0221).



- Environment Agency Deployment of Erith Remediation Technologies Limited Mobile Plant Permit/ Mobile Treatment Licence (required for gasholder tank dewatering), dated 28 February 2023 (Deployment ref: DP3190EQ/W0088).
- United Utilities Ltd., Temporary Wastewater Agreement Consent to the Discharge of Trade Effluent (required for dewatering) dated 14 March 2023 (Ref: TWERITH02) for a start date of 1 March 2023 to 31 August 2023. Updated temporary Agreement issued with a start date 4 July 2023 to 3 January 2024, then a third extension from 1 February 2024 to 1 August 2024.
- Network Rail Document Review Notice (DRN) for crane works (superstructure demolition, reference NR/L2/INI/02009/F0044), dated 22 April 2024.

2.4 Infill Material

In accordance with general principles of sustainability, the material used for infilling was by the re-use of suitable materials from off-site sources. The material identified for re-use was tested for its chemical and geotechnical suitability at a rate of one sample per 1,000 m³ and at least three samples per source, as outlined in the Bespoke Demolition and Infilling Report [1].

Erith was responsible for identifying suitable sources of fill material to comply with the specified infill sequence as outlined in the Bespoke Demolition and Infilling Report [1], with the following sequence proposed:

- import and placement of 0.5 m thick starter layer consisting of Class 6A material in the annulus of the gasholder, followed by 4.5 m of Class 6F5 material to build a working platform (this was completed during the demolition phase to aid the dismantling of the internal lifts);
- import and placement of bulk fill (Class 6F5 and Class 1A material) in the below ground tank of Gasholder No. 2, placed in 125 mm layers and compacted with a 13 T roller to 500 mm below ground level;
- import, placement, and compaction of a 500 mm thick surface capping layer of 6F5 material to match existing ground level; and
- placement of quarried 20 mm gravel as a “dressing” layer.

A geotextile membrane (Terram 1000) was placed at the interface of the bulk general fill and surface capping layer.

2.5 Re-use of Material

No site-won material was re-used for the infilling phase of works.

2.6 Imported Material

The majority of the material was imported from off-site sources and comprised recycled Class 1A/ 6A/ 6F5 aggregate produced under the Waste and Resources Action Programme (WRAP) quality protocol: aggregates from inert waste (see Appendix F). As aggregates produced under the WRAP quality protocol are from inert waste and have achieved end of waste status, verification testing of these materials when imported for infill is not considered necessary to assess the risk to human health or controlled waters. However, for quality assurance and quality check purposes, chemical samples were obtained from WRAP sources for screening. The 20 mm gravel was imported from a quarried (primary) source.

Material was provided from Erith’s suppliers Chartrange, Braidwoods and P. P. O’Connor as described in Table 2-1.



Table 2-1 - Material summary

Fill supplier	Fill Source	Class	Typical Use	Material Description	Approximate Tonnage Imported*
Chartrange	Recycled	6F5	Ramp, Annulus, Capping Layer	Multicoloured clayey sandy GRAVEL with cobbles	58,286.68
Chartrange	Recycled	1A	Bulk Fill	Black clayey very sandy GRAVEL with cobbles.	45,690.66
Braidwoods	Recycled	6A	Siphon Pits, Anulus and Ramp	Crushed Material	1584.67
Braidwoods	Quarry (primary)	20mm Gritstone	Dressing layer	GRAVEL	720.98

2.7 Chemical Sampling and Analysis

Soil samples were tested at Eurofins Chemtest Ltd., a UKAS and MCERTS accredited laboratory. Chemical results were screened against criteria protective of human health and controlled waters as set out in the Bespoke Demolition and Infilling Report [1] or against site-specific WRAP criteria (see Appendix G) for quality assurance and quality check purposes, which were considered as suitable assessment criteria for based on the proposed current use of the site (open storage). In total, 62 samples were taken of all imported material (primary and recycled aggregate). Erith carried out the sampling and scheduling of the material as per the Bespoke Demolition and Infilling Report [1].

The Class 1A, Class 6A and Class 6F5 comprised material produced under the WRAP protocol. As proposed in the Demolition and Infilling Report [1], the WRAP documentation was issued by the producer (Chartrange and Braidwoods) and reviewed by Erith prior to importing the material to site. A visual assessment of the material upon entry to site was completed by Erith to ensure there were no visual contaminants, olfactory contamination or deleterious material identified within the import brought to site. Chemical samples were obtained from WRAP sources for screening for quality check purposes. Chemical soil results for the Class 6F5, Class 6A and Class 1A materials were assessed against the site-specific WRAP assessment criteria.

The capping material (Class 6F5 produced under WRAP) was also screened against the capping criteria as set out in the Bespoke Demolition and Infilling Report [1], which is based upon a residential without plant uptake end-use of 1% soil organic matter (SOM). This Human Health Re-use Assessment Criteria was taken as a conservative approach.

The surface dressing layer was screened against criteria protective of human health and controlled waters as set out in the Bespoke Demolition and Infilling Report [1].

Screening sheets are provided in Appendix G.

2.7.1 Soil Screening Exceedances

No asbestos was identified in any of the samples scheduled for testing. Exceedances of the Re-use Assessment Criteria, with the respective screening criteria, are summarised in Table 2-2. All other compounds were recorded below their respective criteria.



Table 2-2 – Summary of exceedances

Chemical Name	Soil/ Leachate	Criteria	Re-use Criteria	Number of Exceedances	Total Number of Samples*	Maximum Concentration	Location
Lead	Soil	WRAP	313 mg/kg	4	50	450 mg/kg	GH2, 6F5, Dumpling; GH2, 1A Fill, 8-9 m; GH2, 6F5 Fill, 8-9 m; GH2, 1A Fill, 9 to 10 m

*Total number of samples screened against those particular criteria (WRAP, bulk infill, capping).

No exceedances were recorded in the capping or surface dressing material.

Four exceedances were recorded for lead in soil samples from the infill material, with a maximum concentration of 450 mg/kg. The four exceedances are within an order of magnitude of the WRAP assessment criteria (313 mg/kg), and in samples in excess of 3 m bgl, reducing the likelihood of exposure to a human health receptor. Four samples from a total of fifty is also not considered to be representative of the imported soils and therefore unlikely to be a risk to human health and controlled waters.

2.7.2 Contamination Infilling Works Summary

Based on the results of the screening exercise described above, it is considered that there are unlikely to be any unacceptable risks to human health and controlled waters posed by the infill material. This is inclusive of both the bulk infill and material left at surface, the latter of which recorded no screening exceedances. Therefore, it is considered that the site is suitable for an open storage end-use. Any future development other than open storage would be undertaken under the planning regime where appropriate risk assessments for the proposed development would be undertaken.

2.8 Gasholder Infilling Works

The following section provides summary of observations made by the AtkinsRéalis site supervisor during twice weekly visits during the works.

Following de-watering, de-sludging and removal of the gasholder lifts, the method of infilling and compaction as detailed in the Bespoke Demolition and Infilling Report [1] was carried out. The final as-built survey of the site and the final surveyed cross section is provided in Appendix C.

Table 2-3 – Sequence of infilling

Phase	Methodology	Comment
Access Ramp / Annulus	As part of the demolition phase, Class 6A and Class 6F5 material was placed in the annulus to create a working platform and ramp from ground level to the top of the dumpling. The access ramp enabled safe access of the excavator, rollers and other plant on	In the vicinity of the access ramp, the lifts were de-sludged and the majority of the lifts removed prior to the installation of the access ramp. Once the annulus platform was complete to a height of 5 m, the ramp was partially removed to allow access to remove the remaining lift



Phase	Methodology	Comment
	to the gasholder dumping and subsequently the wider annulus.	walls from behind the ramp, prior to continuing infilling.
Bulk Filling	Imported Class 1A and Class 6F5 bulk fill material was placed in 125 mm uncompacted layers and compacted with a 13 tonne T roller.	Geotechnical in-situ testing of the bulk fill material was completed.
Geotextile Membrane	A geotextile membrane (Terram 1000) was placed at the bulk fill / Class 6F5 granular capping layer interface.	-
Granular Surface Capping layer	Class 6F5 material was placed as the final capping layer.	In-situ testing was carried out in this layer to confirm satisfactory compaction.
Gravel “dressing layer”	Quarried 20 mm gravel was placed and levelled over the capping layer.	No geotechnical or in situ testing took place on this layer.

2.9 Infilling of Siphon Pits

The siphon pits identified during the infilling works were infilled with self-compacting Class 6A material.

2.10 Demolition of Structures

The gasholder crown and lifts, which were comprised of metal with a metal crown frame, were demolished as part of the demolition phase of works and facilitated the infilling. The steel superstructure was demolished concurrently with infilling. There were no other structures that were required to be demolished to facilitate the infilling works.

2.11 Below-Ground Obstructions

No obstructions were identified within the working area other than the footprint of Gasholder No. 2 (below-ground gasholder tank brick wall dumping and siphon pits).

2.12 Unexpected Contamination

No unexpected contamination was identified during the infilling of Gasholder No. 2.

2.13 Environmental Monitoring

Erith collected a range of environmental monitoring data, including air quality monitoring data and the collection of dust data, vibration, acoustic and odour monitoring throughout the works, as set out in the Bespoke Demolition and Infilling Report [1].



2.14 Final Site Condition

The finished ground levels are provided on the 12456-ASBUILT-004 drawing which is included in Appendix C. Gasholder No. 2 was finished with a 0.50m thick 6F5 capping layer followed by a 0.20m thick surface dressing layer at ground level (see Appendix D for progress photos). Screening of chemical data for the capping and surface dressing layers recorded no exceedances for human health criteria, therefore it is considered unlikely that these present any unacceptable risks to human health following the infilling works.



3. Conclusions and Closure

The works completed at Gasholder No.2 included the gasholder void infilling, and works has been completed in line with the Bespoke Demolition and Infilling Report [1].

No residual contamination associated with Gasholder No.2 is considered to be present at the site on completion of the works programme and as such no further action deemed to be required.

In order to commence the infilling works planning approval was required and the response from Manchester City Council referenced 134295/DEM/2022 outlined the conditions for these works.

This report is deemed to provide evidence that supports the discharge the condition for the requirement of a Verification Report.



4. References

[1] Atkins, Bradford Road, Manchester (Site Code 0049) Bespoke Demolition and Infilling Report, 2023.



APPENDICES



Appendix A. Decision Notice and Communications



Town & Country Planning Act 1990 (as amended)
Planning (Listed Building & Conservation Area) Act 1990 (as amended)

Approval of details reserved by condition

Applicant

National Grid
C/o Agent

Agent (if used)

Ms Roisin McFeely
WSP
First Floor
3 Wellington Place
Leeds
LS1 4AP

Part 1 – Particulars of the application/development

Proposal: Discharge of Conditions 1 (Contamination), 3 (Finalised Asbestos Management Plan) ,4 (Finalised Demolition Method Statement), 5 (Bird Nesting Season) and 6 (Traffic Management Plan) related to application 134295/DEM/2022

Location: Former Bradford Road Gasworks, Manchester, M40 7BW

Date of application: 29 March 2023

Application number: CDN/23/0221

Part 2 – Particulars of decision

Manchester City Council gives notice that the detail(s) referred to in Part 1 are **Approved** in accordance with the information set out below.

Condition no.1 Contamination

The following documents and associated plans have been examined:

- Outline Summary/ Demolition Methodology - Gas Holder Demolition & Gasholder Infilling ref: R12456.
- Bradford Road, Manchester, Preliminary Infilling Assessment. Prepared by Atkins. Dated: September 2022.
- Technical Note prepared by Atkins dated 30th June 2023 ref: 5214733.
- Surplus Land and Holder Site. Prepared by WSP Environmental Ltd. Project No. 13010222. Rev 1. Date: 23 September 2003.
- Bradford Road Gasholder Station and Surplus Land, Manchester Data Review report ref: A074754-28-DR-V1 dated November 2012;
- Ground Investigation Factual Report, Bradford Road NGG Land. Prepared by WYG. Ref. A074754-142-0049-Ngg-FAC V1 FINAL. Date: 2014.
- Bradford Road No. 2 Gasholder - Factual Technical Summary of Holder Overflow Water Methane Management by Englobe UK, dated 22nd September 2022
- Factual Preliminary Dismantling Assessment Report for Gasholder No. 2.Prepared by WYG. Ref. A074754-430-0049-Final. Date: September 2017

- Bradford Road Controlled Waters Gasholder Infill Acceptance Criteria. Prepared by Atkins. Dated: July 2022.

-Bradford Road, Manchester - Bespoke Demolition and Infilling Report- Final Version 02 March 2023 received 29th March 2023 .

On the basis that the development is implemented in accordance with the measures within the specified reports I can confirm condition no.1 is discharged.

Condition no.3 Asbestos Management Plan

The following documents and associated plans have been examined and are considered to be acceptable:

- Outline Summary/ Demolition Methodology - Gas Holder Demolition & Gasholder Infilling ref: R12456.
- Asbestos Re-inspection Survey dated 23 August 2012 ref: P-4014550.
- Plan of work with Asbestos containing materials rev.1 dated 08.03.2023 received 28th June 2023;
- Asbestos Management Plan ref: R12456 Bradford Road received 10th August 2023

On the basis that the development is implemented in accordance with the measures within the specified reports I can confirm condition no.3 is discharged.

Condition no. 4 Finalised DMS

The following documents and associated plans have been examined and are considered to be acceptable:

- Outline Summary/ Demolition Methodology - Gas Holder Demolition & Gasholder Infilling ref: R12456.
- Factual Preliminary Dismantling Assessment Report for Gasholder No. 2. Prepared by WYG. Ref. A074754-430-0049-Final. Date: September 2017
- Asbestos Re-inspection Survey dated 23 August 2012 ref: P-4014550.
- Plan of work with Asbestos containing materials rev.1 dated 08.03.2023 received 28th June 2023;
- Asbestos Management Plan ref: R12456 Bradford Road received 10th August 2023

-Bradford Road, Manchester - Bespoke Demolition and Infilling Report- Final Version 02 March 2023 received 29th March 2023 .

On the basis that the development is implemented in accordance with the measures within the specified reports I can confirm condition no.4 is discharged.

Condition no.5 Bird nesting season

The Preliminary Ecological Appraisal report dated June 2022 has been examined in conjunction with the Ecology walk over survey dated 18.04.2023 ref: 23 0009 / R12456 , together with the content of letter from the planning agent dated 18th May 2023, and with the email from the planning agent dated 19th July 2023 confirming works will not start on site until September 2023 , and an anti-nesting bird system is due to be installed from January 2024, to ensure that birds do not create new nests. On the basis of the documentation referred to above, no further action is required in regard to condition no.5.

Condition no.6 Traffic Management Plan

The Traffic Management Plan dated 24.05.2023 has been examined and is considered to be acceptable. On the basis that the development is implemented in accordance with the Traffic Management Plan dated 24.05.2023, condition no.6 is discharged.

Date: 5 September 2023

Signed:

A handwritten signature in black ink, appearing to read 'Julie Roscoe', written in a cursive style.

Julie Roscoe
Director of Planning, Building Control & Licensing

Manchester City Council, P O Box 532, Town Hall, Manchester M60 2LA

Notes

1. This permission refers only to that required under the Town and Country Planning Act 1990 (as amended) or Planning (Listed Building & Conservation Area) Act 1990 (as amended) does not include any consent or approval under any other enactment, byelaw, order or regulation.

2 If the applicant is aggrieved by the decision of the local planning authority to refuse permission or approval for the proposed development, or to grant permission or approval subject to conditions, they may appeal to the Secretary of State in accordance with Section 78(1) of the Town and Country Planning Act 1990 or sections 20 and 21 of the Planning (Listed Building & Conservation Area) Act 1990 within six months of the date of the notice of the decision.

The Planning Inspectorate have introduced an online appeals service that can be used to make appeals online. This service is available through the gov.uk website – www.gov.uk/appeal-planning-inspectorate. The Inspectorate will publish details of your appeal on the internet.

Alternatively, appeals can be made on a form which is obtainable from Planning Inspectorate, Customer Support Unit, Room 3/15, Eagle Wing, Temple Quay House, 2 The Square, Temple Quay, Bristol BS1 or by telephone 0117 372 6372.

The Secretary of State has power to allow a longer period for the giving of a notice of appeal but they will not normally be prepared to exercise this power unless there are special circumstances that excuse the delay in giving notice of appeal.

3. The statutory requirements are those set out in Section 79(6) of the Town and Country Planning Act 1990, namely Sections 70(1) and 72(1) of the Act.

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

In these circumstances, the owner may serve a purchase notice on the Council in whose area the land is situated. This notice will require the Council to purchase his interest in the land in accordance with the provisions of Part VI of the Town and Country Planning Act 1990

5. In certain circumstances, a claim may be made against the local planning authority for compensation, where permission is refused or granted subject to conditions by the Secretary of State on appeal or on a reference of the application to them. The circumstances in which such compensation is payable are set out in Section 114 of the Town and Country Planning Act 1990.



Planning

Sue Wills
Telephone: 0161 234 4524
sue.wills@manchester.gov.uk

P O Box 532 Town Hall
Manchester M60 2LA

Mr Matthew Stocks
WSP
First Floor
3 Wellington Place
Leeds
LS1 4AP

Date: 30 August 2022

Dear Sir/Madam,

**Town & Country Planning (General Permitted Development Order) (England) 2015
(as amended) Schedule 2, Part 11**

Application No: 134295/DEM/2022

Proposal: Prior Approval for the demolition of gasholder and associated buildings and infrastructure, and associated restoration of site

Location: Gas Holder , Alan Turing Way, Manchester, M40 2XG

I write with reference to the above notification and advise you that prior approval to undertake the demolition is **not required**.

The City Council is satisfied that the demolition works in this case will not have a significant impact on the environment. This decision is based on:

No work approved by this planning permission shall commence until a strategy to deal with the risks associated with contamination associated with the site and the gas holder, has been submitted to, and approved in writing by the City Council as local planning authority. This strategy will include the following components:

1. A sufficient and appropriate site investigation scheme, to provide information for a detailed assessment of the risk to all receptors that may be affected, including those offsite.
2. The development of an appropriate infilling methodology, materials management plan and necessary remediation strategy, based on the results of the investigation and assessment work in (1), demolish the gasholder and associated buildings and infrastructure, and associated restoration of site.
3. A verification plan providing details of the data that will be collected in order to demonstrate that the works set out in the remediation strategy in (2) are complete and identifying any requirements for longer-term monitoring of pollutant linkages, maintenance and arrangements for contingency action.

Any changes to these components require the written consent of the local planning authority. The scheme shall be implemented as approved.

Reason - To ensure that the proposed demolition of gasholder and associated buildings and infrastructure, and associated restoration of site, does not contribute to, and is not put at unacceptable risk from or adversely affected by, unacceptable levels of water pollution in line with paragraph 170 of the National Planning Policy Framework, pursuant to policies

EN17 and EN18 of the Manchester Core Strategy (2012).

The City Council is satisfied that the demolition works in this case are satisfactory and will not have a significant impact on the environment. This decision is based on the following documents, stamped as received on 7th and 19th July 2022 , and 3rd August 2022; Application for Prior Notification of Proposed Gasholder and Ancillary Infrastructure Demolition ref: 70095715 dated July 2022; Demolition Notice Statement; Outline Demolition Methodology July 2022; Outline Asbestos Management Plan dated May 2022; Asbestos Re-Inspection Survey ref; P-401550 dated 23rd August 2021; Preliminary Ecological Appraisal Report dated June 2022; Figure 1 rev.P01 Site Location plan; Figure 2 rev.P01 Site Layout plan and Structures to be demolished plan; and Figure 4 rev.P01 Final site conditions plan; Figure 5 rev.P01 Existing and Proposed Sections plan; Figure 3 rev.P01 Proposed works plan received 3rd August 2022; content of email from Planning Agent regarding access from Broxton Street dated 3rd August 2022, and on the basis of the conditions which are attached below.

Following the completion of the agreed works to demolish the gasholder and associated buildings and infrastructure, and associated restoration of site, a verification report demonstrating the completion of works set out in the approved remediation strategy shall be submitted to, and approved in writing, by the local planning authority. The report shall include results of any sampling and monitoring carried out in accordance with the approved verification plan to demonstrate that successful site remediation and restoration have been achieved.

Reason - To ensure that the proposed demolition of gasholder and associated buildings and infrastructure, and associated restoration of site on land, does not contribute to, and is not put at unacceptable risk from or adversely affected by, unacceptable levels of water pollution in line with paragraph 170 of the National Planning Policy Framework, pursuant to policies EN17 and EN18 of the Manchester Core Strategy (2012).

Prior to commencement of development a finalised Asbestos Management Plan shall be submitted to, and approved in writing by the City Council as local planning authority. The development shall be implemented in accordance with the approved details .

Reason - To ensure that the proposed demolition of gasholder and associated buildings and infrastructure, and associated restoration of site, does not contribute to, and is not put at unacceptable risk from or adversely affected by, unacceptable levels of contamination pursuant to policy EN18 of the Manchester Core Strategy (2012).

Prior to commencement of development a finalised Demolition Method Statement shall be submitted to, and approved in writing by the City Council as local planning authority. The development shall be implemented in accordance with the approved details .

Reason - To ensure that the proposed demolition of gasholder and associated buildings and infrastructure, and associated restoration of site, does not contribute to, and is not put at unacceptable risk from or adversely affected by, unacceptable levels of contamination pursuant to policy EN18 of the Manchester Core Strategy (2012).

No removal of or works to any hedgerows, trees or shrubs should take place between 1st March and 31st August inclusive, unless a competent ecologist has undertaken a careful, detailed check of vegetation for active birds' nests immediately before the vegetation is cleared and provided written confirmation that no birds will be harmed and/or that there are appropriate measures in place to protect nesting bird interest on site. Any such written confirmation should be submitted to the local planning authority.

Reason - In order to provide protection to nesting birds, pursuant to Policy EN15 of the Manchester Core Strategy (2012).

Prior to any above ground works a Traffic Management Plan shall be submitted to, and approved in writing by the City Council as local planning authority. The development shall be implemented in accordance with the approved details .

Reason - In the interests of highway safety, pursuant to policy T1 of the Manchester Core Strategy (2012).

Should you wish to discuss this matter any further please contact Sue Wills.

Yours faithfully,

A handwritten signature in black ink, appearing to read 'Julie Roscoe', with a stylized, cursive script.

Julie Roscoe
Director of Planning, Building Control & Licensing

Graham, Rachael

From: McFeely, Roisin <Roisin.McFeely@wsp.com>
Sent: 01 June 2023 10:47
To: Graham, Rachael
Cc: Stocks, Matt
Subject: FW: - Bradford Road Gas Holder -

Hi Both,

Please see below as discussed.

Thanks,
Róisín

From: Sue Wills <sue.wills@manchester.gov.uk>
Sent: Wednesday, May 31, 2023 4:27 PM
To: McFeely, Roisin <Roisin.McFeely@wsp.com>
Cc: Des Jones <des.jones@manchester.gov.uk>
Subject: Re: - Bradford Road Gas Holder -

Dear Roisin ,

I can confirm that the submitted documentation accompanying the above application referred to the need for dewatering as part of the demolition works. It is noted that these works are to be undertaken now prior to the demolition works, as part of on-going maintenance by National Grid . I can advise you that is not considered that dewatering works in association with the maintenance of the holder would require planning permission. I would, however, recommend that National Grid liaise with local residents in the vicinity of the gas holder before the dewatering works are undertaken , and that residents are provided with a contact number in case any issues arise with noise from the plant which would be present and operational on site in conjunction with the works for a period of 3 months.

Kind regards,

Sue Wills
Principal Planner
Development Management Areas
Planning
Growth and Development Directorate.
Manchester City Council
Floor 6 Town Hall Extension
Albert Square
P.O.BOX 532
M60 2LA
External Tel: 0161 234 4524
Internal extension 34524
Mobile 07788978633
Email: sue.wills@manchester.gov.uk
<http://www.manchester.gov.uk>

From: McFeely, Roisin <Roisin.McFeely@wsp.com>
Sent: 25 May 2023 10:34
To: Sue Wills <sue.wills@manchester.gov.uk>
Cc: Stocks, Matt <matthew.stocks@wsp.com>
Subject: CDN/23/0221 - Bradford Road Gas Holder

Dear Sue,

I hope you're well and looking forward to the bank holiday.

National Grid approached me about dewatering the site before and I just wanted to run this past you before they commenced any maintenance works on the site. We have undertaken dewatering on other sites and it has been deemed maintenance works and therefore has not required permission, I'd be grateful if you could confirm that is also the case on this site. I asked National Grid to bring together a brief explanation of what they want to do which is below:

The Bradford Road gasholder is to be dewatered as part of maintenance works ahead of the demolition and infilling works. The gasholder is to be dewatered by treating and pumping the holder water to sewer under the agreed discharge consent between the Contractor and United Utilities. The works are currently scheduled to commence 7th June 2023, it is proposed to bring the dewatering treatment plant to site via Broxton Street over a 2 day period (with approx 8 vehicle movements per day). The kit is to be located to the west of the gasholder on hardstanding as shown on the attached drawing. The dewatering plant will be switched on the 14th June 2023 and will run over a 24hr period until 14th September 2023. Following set up of the dewatering equipment, visits to site will be carried out once a week (one vehicle visiting site). Access to the site during the weekly visit will be from the Saxon Street Gasholder site. No vegetation clearance or demolition is required for the dewatering works. A small towable welfare unit will be located on site for the duration of the dewatering. It is considered necessary to complete the maintenance dewatering works in order to treat and discharge the holder water to ensure the holder water within the tank does not exceed the limits of the existing discharge consent, confirm the integrity of the holder tank and to enable any additional SHE assessments / surveys that maybe required. This is a standard maintenance process which is carried out across other sites.

I'm happy to discuss any of the above if you would like to chat.

Kind Regards,



Róisín McFeely

she / her

Principal Planner – Planning Consultancy
BA (Hons) MSc MRTPI

T +44 (0) 113 395 4427

M +44 (0) 7920 205 772

First Floor, 3 Wellington Place, Leeds, LS1 4AP

wsp.com

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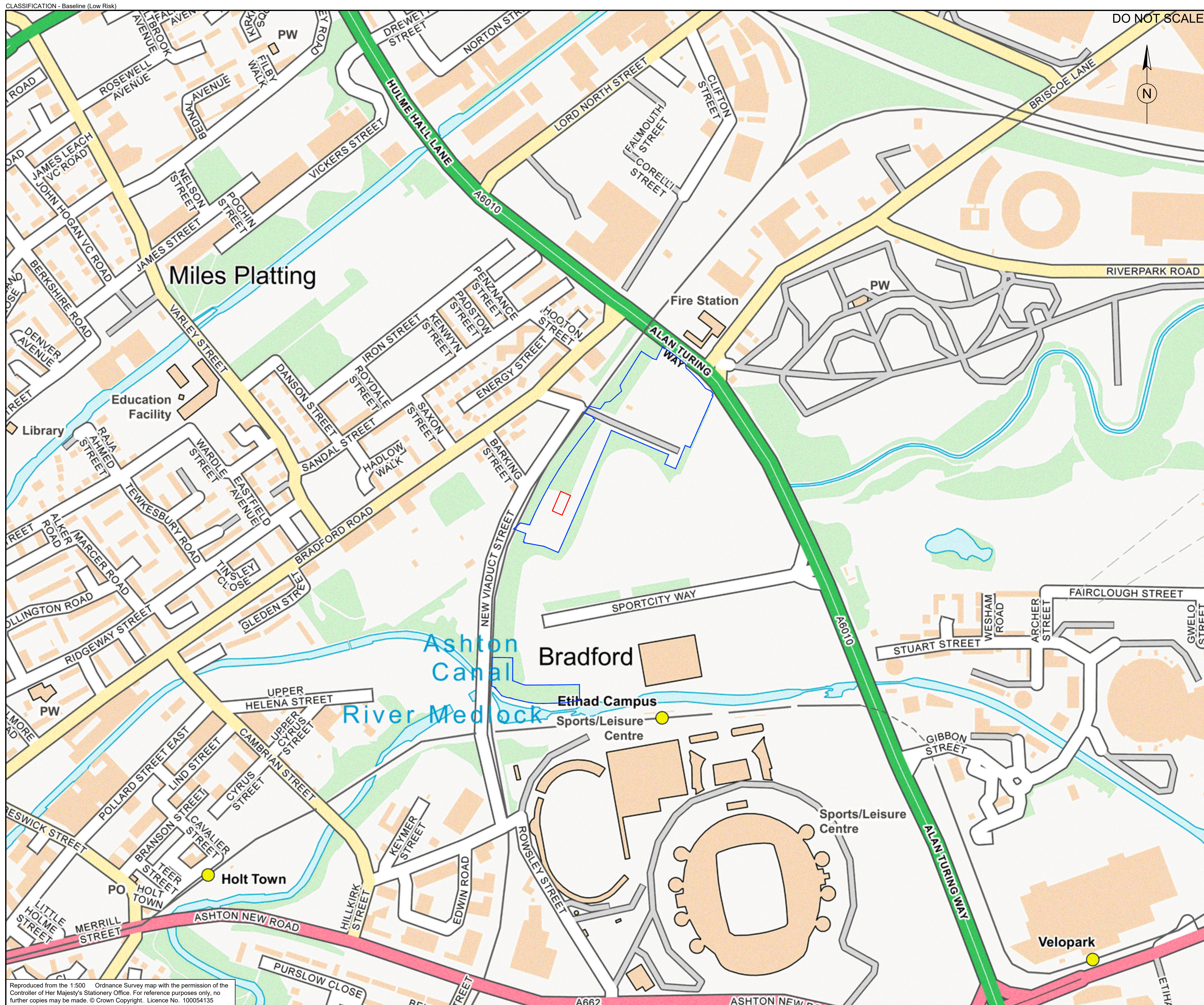
This footnote also confirms that this email message has been swept for the presence of computer viruses.

Appendix B. Figures

Figure 1 Site Location

Figure 2 Site Layout





KEY:

-  NATIONAL GRID PROPERTY SITE OWNERSHIP BOUNDARY
-  CADENT GAS SITE BOUNDARY

NOTES:

1. DO NOT SCALE FROM THIS DRAWING.
2. THIS DRAWING SHOULD BE READ IN FULL COLOUR.

P02	16/04/24	FOR INFORMATION	DH	MC	NS
P01	20/02/23	FOR INFORMATION	CW	MC	NS
Rev.	Date	Description	By	Chk'd	App'd

Drawing Status	FOR INFORMATION	Suitability	S2
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AtkinsRéalis

2 Atlantic Square
York Street
Glasgow
G2 8JQ

Tel: +44 (0)1412 202000
Fax:
www.atkinsrealis.com

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Client

nationalgrid

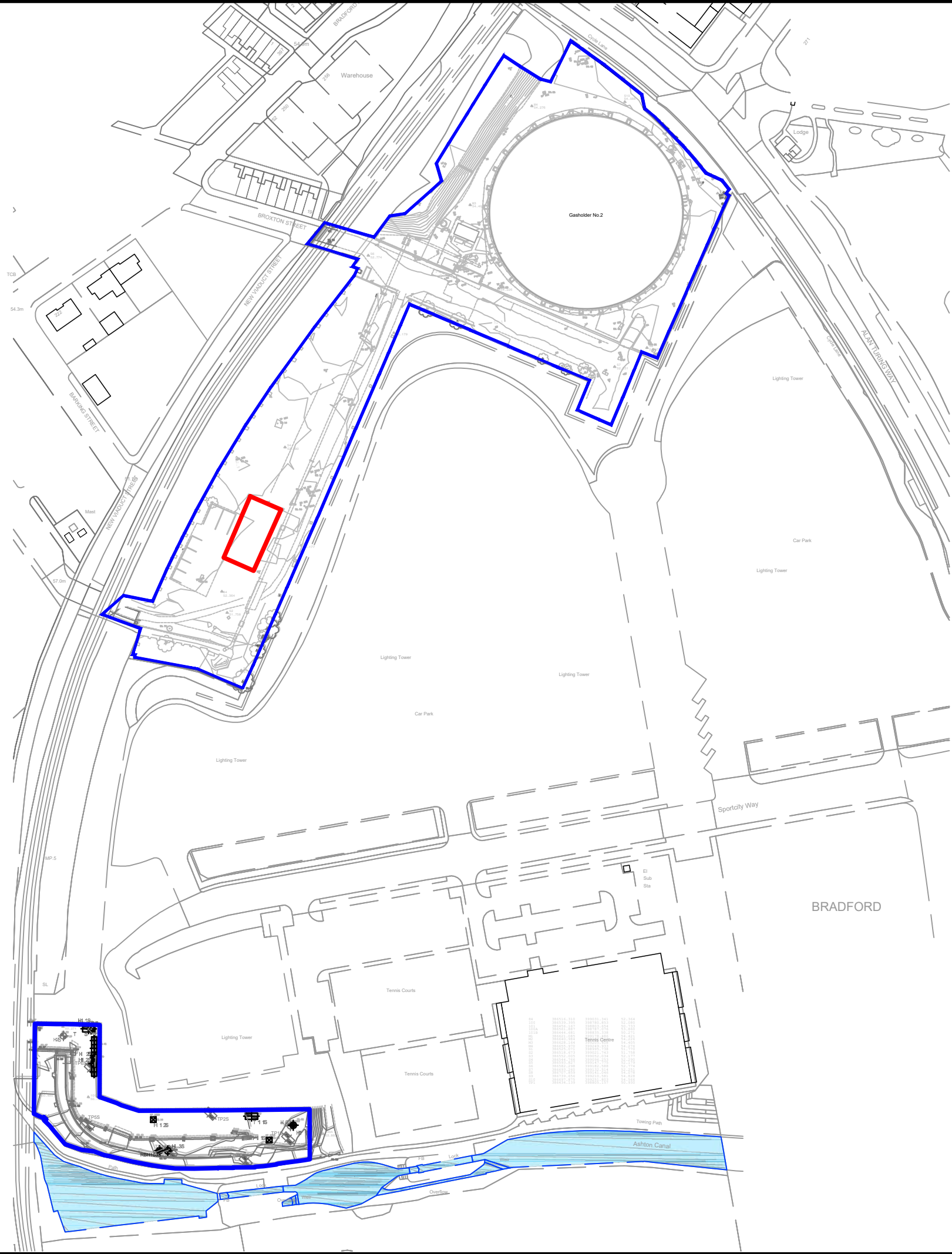
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Drawing Title

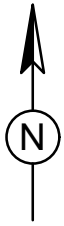
SITE LOCATION PLAN

Scale	Designed	Drawn	Checked	Aurished
1:2500	AD	CW	MC	RG
Original Size	Date	Date	Date	Date
A1	20/02/2023	20/02/2023	20/02/2023	20/02/2023
Drawing Number				Revision
FIGURE 1				P02

0 10 100
Millimetres



DO NOT SCALE



- KEY:
- NATIONAL GRID PROPERTY SITE OWNERSHIP BOUDNARY (CONTRACTOR TAKEOVER FROM BNP-PRE)
 - CADENT GAS SITE BOUNDARY

P03	16/04/24	FOR INFORMATION	DH	CW	NS
P02	03/05/23	FOR INFORMATION	ME	CW	NS
P01	20/02/23	FOR INFORMATION	ME	CW	NS
Rev.	Date	Description	By	Chk'd	App'd

Drawing Status: **FOR INFORMATION** Suitability: **S2**

AtkinsRéalis 2 Atlantic Square
York Street
Glasgow
G2 8JQ
Tel: +44 (0)1412 202000
Fax:
www.atkinsrealis.com
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Client:
NATIONAL GRID PROPERTY HOLDINGS

Project Title:
BRADFORD ROAD, MANCHESTER (0049)

Drawing Title:
SITE LAYOUT PLAN

Scale	Designed	Drawn	Checked	Authorised
1:2000	NS	ME	CW	NS
Original Size	Date	Date	Date	Date
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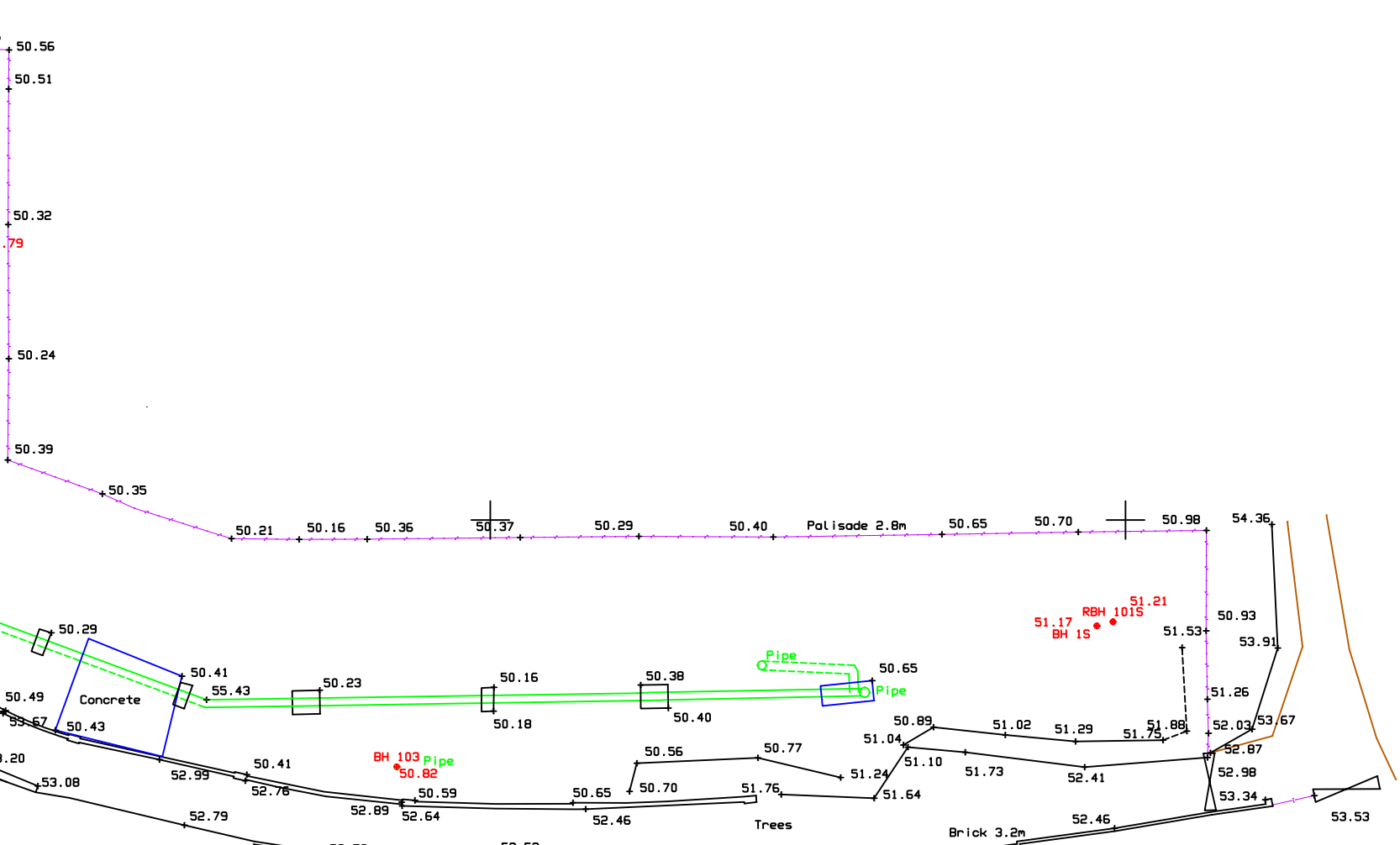
Drawing Number: **FIGURE 2** Revision: **P03**

Appendix C. Gasholder Cross-Section, and As-Built Drawing

12456-ASBUILT-004

12456-TANKFILL-005





B4	386516.30	390301.341	52.364
100	386539.395	390780.853	52.080
	386446.167	390803.654	50.733
386A	386557.857	390810.076	50.706
101B	386444.681	390835.338	50.271
M1	3865621.085	391077.486	54.421
M2	386403.984	391085.203	54.405
M3	386628.164	392005.408	54.405
S4	386655.970	392049.933	54.276
S5	386525.071	392050.983	54.270
S6	386618.673	392081.748	51.758
S3	386552.005	392052.034	52.177
S2	386444.766	392052.034	52.177
S5	386593.827	391047.755	52.179
S7	386582.798	391802.588	52.774
S6	386593.280	391802.588	52.774
S8	386707.859	391041.046	54.078
S9	386739.656	392010.581	54.828
S10	386717.675	392010.581	54.828
TP1	386434.139	390805.157	50.330



Topographical Abbreviations

BH	Banish	MCR	Marker
BT	Bell Telephone	MT	Mercury Telephone
BT	British Telecom	OC	Overhead Cable
CAV	Cable TV	OP	Overhead Pipe
CCTV	Closed Circuit	PB	Post Box
CL	Cable Link	RD	Rodding Eye
CM	Cable Marker	RG	Road Gully
CP	Cover Pipe	RS	Road Sign
D	Down	SC	Stop Sign
DC	Electricity Junction Box	SP	Stop Sign
DE	Electricity Pole	ST	Street Light
EP	Electric Pole	TA	Transformer Station
ER	Earthed Road	SV	Stop Valve
FI	Fire Hydrant	SVP	Soft Vent Pipe
FO	Fault	TL	Telephone Box
GO	Gas Valve	TLB	Telephone Junction Box
GV	Gas Valve	TP	Telephone Post
K	Kerb	TT	Traffic Light
L	Lifting	TP	Telephone Post
LP	Lamp Column	VP	Vent Pipe
LP	Lamp Post	WP	Water Meter
M	Main	WW	Water Valve

Underground Services Abbreviations

A	Approximate	INT	Invert Level
AC	Asbestos Cement	INT	Interceptor
BC	Back Flow	NP	No Visible Ducts
BL	Base Level	NVP	No Visible Pipes
BR	Bore	NP	No Visible Vents
CI	Cast Iron	NP	Offset Fill Point
CC	Concrete	OSA	Outside Survey Area
CP	Catch Pit	PVC	Polyethylene Pipe
CPL	Catch Pit Base Level	PSP	Polymer Pipe
CR	Cross	PS	Polypropylene Pipe
d	Depth to Iron (in metres)	PS	Poor Signal
D	Ductile Iron	PT	Pea Trap
ED	End of Duct	PT	Pipe Running Man
ED	End of Trace	SA	Sewage
GPR	Ground Penetrating Radar	SN	Swan Neck
GR	Grated	SN	Suam (grey) Iron
GR	Gas Rising	SL	Soft Level
HV	High Voltage	SS	Stainless Steel
HDPE	High Pressure Polyethylene	T	Tank



Legend:

	Cable TV		Heating Pipe
	Communications		LPG
	Compressed Air		Offset Fill Pipe
	Drainage – Combined		Oil Pipe
	Drainage – Full		Plastic Drain Pipe
	Drainage – Surface		Survey Boundary
	Ducting		Telecoms
	Ducting – Empty		Traffic Control
	Earth Cable		Trench Scar
	Electric		Unidentified
	Electric – HV		Vapour Recover
	Fuel Pipe		Urn Pipe
	Gas		Water
	Fuel Quase Line		End Of Trace

Plate Bearing Test Position 

Comments

This plan should only be used for its original purpose. Erith accepts no responsibility for this plan if supplied to any party other than the original client.

All dimensions should be checked on site prior to design and construction.

Drainage information (where applicable) has been visually inspected from the surface and therefore should be treated as approximate only.

REV	COMMENT	DATE



Client NGPH

BRADFORD ROAD GHD

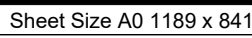
Title	ASBUILT SURVEY
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Drawn by PV	Checked SH	Date 21-08-24	Authorised MB	Date 21-08-24
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Original Scale 1:750	Date 21-08-24	Rev -	Paper A0
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Drawing Number

12456-ASBUILT-004

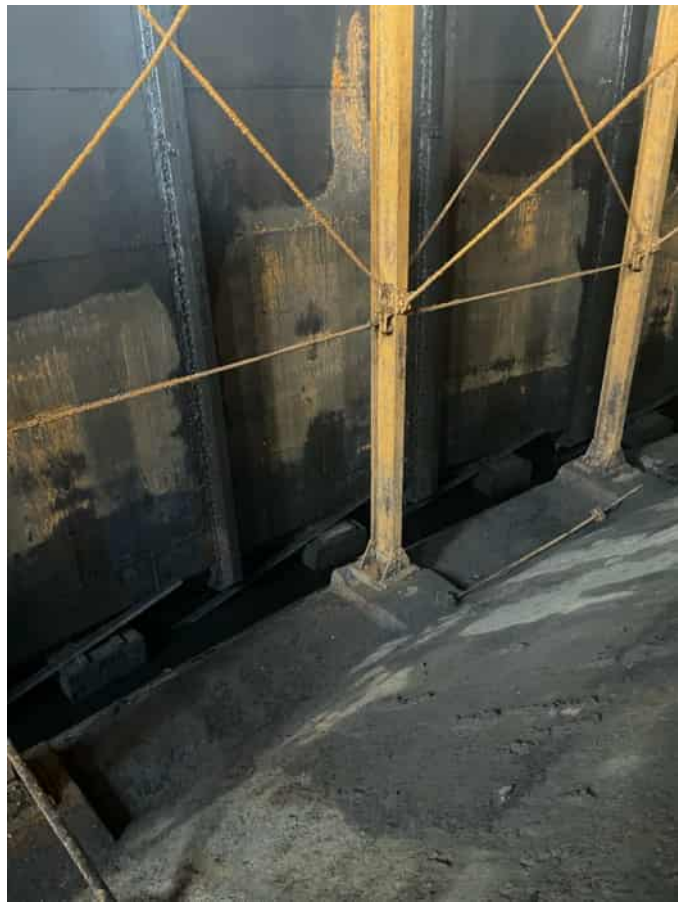


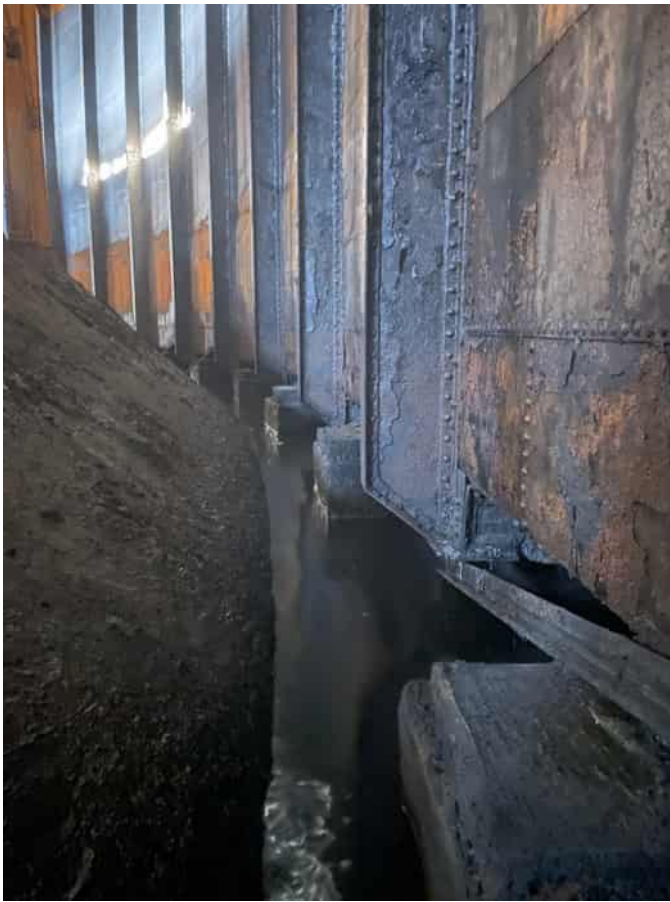
Appendix D. Progress Photographs

D.1 Sludge Removal

Table D-1 - Photographs taken by Erith after sludge removal completed







D.2 Capping Layer

Table D-2 - Progress photographs of capping layer taken by Erith and AtkinsRéalisis





Appendix E. Waste Transfer Notes





Advice/Waste Transfer Note
Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Huntsman Drive
Stockton on Tees
TS2 1UE

Permit No.: EPRNYP3234XR/V002

Phone: 01937 844980
48084

Ticket No:

In / Out:

Ticket Date: 01/12/2023 16:03:10

Vehicle Reg: NK18XVR

Vehicle Type: Roll On Roll Off

Haulier:

AWSM RECYCLING LTD

AW S M FARMING LTD

LAN EAD

DL11 7HF

Carrier Reg: C5DU222600

Account Addr: C001732

Erith Haulage Company Limited

ERITH HOUSE

QUEEN STREET

KENT

DA8 1RP

Waste Type:

Gas Holder Sludge c/w Hydrocarbons

EWG Code: 16 07 09*

Weight KG's Date Time

Gross 13060 01/12/2023 16:03

Tare 13700 01/12/2023 16:23

Net 14380

Measure: 11.38 T

Cust. Ord. No: NA

Area: Manchester

Consign. Note: ERT11C/BR011

Transfer No:

Container: Bulk

Bay: PAD - SPOSTN

Job No: 4658/48082

Signature on behalf of customer:

Signature for Augean:

Michael Postgate

By signing the weighbridge ticket, you are certifying that the weight recorded on this ticket is correct and that the vehicle is not overloaded and is not carrying any dangerous goods.

The Hazardous Waste Regulations 2005:
Consignment Note



48084 33080

PART A Notification details

Sheet 1 of 1

1 Consignment note code:

E R I T H C / B R 0 1 1

Complete with [R] for rejected load

3 The waste will be taken to (name, address and postcode):

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):
AUGEAN, PORT CLARENCE, off Huntsman Drive,
MIDDLESBROUGH TS2 1UE

4 The waste producer was (if different from
2) (name, address, postcode, telephone, e-mail, facsimile):
Erith Haulage Ltd, Erith House,
Queen St, ERITH DA8 1RP

PART B Description of the waste

Number of continuation sheets, if used

DEMOLITION

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

4 3 1 1 1

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 given below must be completed for each EWC identified)

Description of Waste	EWC	Quantity	Component	Concentration (% or mg/kg)	Physical Form	Hazard code(s)	Container (size/type)
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS	>0.25<10%	SOLID	HP10 HP14	Roro Bin
			TPH	>0.1 <10%		HP7 HP11	

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

EWC	Packing Group	UN number, Proper Shipping Name(s), and class	Special handling requirements
1 6 0 7 0 9*	n/c	n/c	n/c

PART C Carrier's certificate

(If more than one carrier, attach schedule for subsequent carriers)

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.

On behalf of (name, address, postcode, telephone, e-mail, facsimile):
Erith Haulage Ltd, Erith House, Queen
St, ERITH DA8 1RP

1 Carrier name:

AWSM Farming, Lane Head Farm, Lane End, Hutton Magna,
Richmond, North Yorkshire, DL11 7HF

2 Carrier registration no./reason for exemption: CBDU222650

3 Vehicle registration no. (or mode of transport, if not road): NK18XVR

Date 0 1 1 2 2 0 2 3
Time 1 2 3 0 (24 hr clock)

Signature

PART D Consignor's certificate

I certify that the information in A, B and C above 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

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.

On behalf of (name, address, postcode, telephone, e-mail, facsimile):
Erith Haulage Ltd, Erith House,
Queen St, ERITH DA8 1RP

1 Consignor name: Callum Brayton

Date 0 1 1 2 2 0 2 3
Time 1 2 3 0 (24 hr clock)

Signature

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)

Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste Management operation (R & D code)
	1 6 0 7 0 9*	14380	☒	Doc

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

Date 0 1 1 2 2 0 2 3
Time 1 6 0 0 (24 hr clock)

Signature

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

NK18XVR

On behalf of (name, address, postcode, telephone, e-mail, facsimile):
AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2
1UE

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

7P32342M

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

Date 0 1 1 2 2 0 2 3
Time 1 6 0 0 (24 hr clock)

Signature

The Hazardous Waste Regulations 2005:
Consignment Note

49264



PART A Notification details		Sheet	1 of 1				
1 Consignment note code: E R I T H C / B R O 1 4		☐ Complete with [R] for rejected load					
2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile): Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW		3 The waste will be taken to (name, address and postcode): AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE					
		4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP					
PART B Description of the waste		Number of continuation sheets, if used					
1 The process giving rise to the waste(s) was: DEMOLITION							
2 SIC for the process giving rise to the waste: 4 3 . 1 1 /							
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	EWC	Quantity	Component				
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS				
			TPH				
			Concentration (% or mg/kg)				
			>0.25<10%				
			>0.1 <10%				
			Physical Form				
			SOLID				
			Hazard code(s)				
			HP10 HP14				
			HP7 HP11				
			Container (size/type)				
			Roro Bin				
The information given below is to be completed for each EWC identified							
EWC		Packing Group	UN number, Proper Shipping Name(s), and class				
1 6 0 7 0 9*		n/c	n/c				
			Special handling requirements				
			n/c				
PART C Carrier's certificate		(If more than one carrier, attach schedule for subsequent carriers)					
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.		On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP					
1 Carrier name: AWSM Farming, Lane Head Farm, Lane End, Hutton Magna, Richmond, North Yorkshire, DL11 7HF		2 Carrier registration no./reason for exemption: CBDU222650					
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Date</td> <td>0 5 1 2 2 0 2 3</td> </tr> <tr> <td>Time</td> <td>1 3 3 0 (24 hr clock)</td> </tr> </table>		Date	0 5 1 2 2 0 2 3	Time	1 3 3 0 (24 hr clock)	3 Vehicle registration no. (or mode of transport, if not road): NK18XVR	
Date	0 5 1 2 2 0 2 3						
Time	1 3 3 0 (24 hr clock)						
		Signature: James Kennedy					
PART D Consignor's certificate							
I certify that the information in A, B and C above 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							
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: Callum Brayton		On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP					
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Date</td> <td>0 5 1 2 2 0 2 3</td> </tr> <tr> <td>Time</td> <td>1 3 3 0 (24 hr clock)</td> </tr> </table>		Date	0 5 1 2 2 0 2 3	Time	1 3 3 0 (24 hr clock)	Signature: <i>Callum Brayton</i>	
Date	0 5 1 2 2 0 2 3						
Time	1 3 3 0 (24 hr clock)						
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)					
Description of Waste	EWC	Quantity of each EWC code received (kg)	Waste Management operation (R & D code)				
	1 6 0 7 0 9*	6900	Do9				
1 I received the waste at the address given in A4 on:							
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Date</td> <td>0 5 1 2 2 0 2 3</td> </tr> <tr> <td>Time</td> <td>1 3 3 0 (24 hr clock)</td> </tr> </table>				Date	0 5 1 2 2 0 2 3	Time	1 3 3 0 (24 hr clock)
Date	0 5 1 2 2 0 2 3						
Time	1 3 3 0 (24 hr clock)						
2 Vehicle registration no. (or mode of transport if not road): NK18XVR							
I certify that waste management licence/permit/authorised exemption no(s):							
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Y P 3 2 3 4 x 4 0 0 0 7</td> </tr> </table>				Y P 3 2 3 4 x 4 0 0 0 7			
Y P 3 2 3 4 x 4 0 0 0 7							
authorises the management of the waste described in B at the address given in A4.							
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Date</td> <td>0 5 1 2 2 0 2 3</td> </tr> <tr> <td>Time</td> <td>1 3 3 0 (24 hr clock)</td> </tr> </table>				Date	0 5 1 2 2 0 2 3	Time	1 3 3 0 (24 hr clock)
Date	0 5 1 2 2 0 2 3						
Time	1 3 3 0 (24 hr clock)						
Signature: <i>Dforman</i>							

Advice/Waste Transfer Note
Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Huntsman Drive
Stockton on Tees
TS2 1UE
Permit No. : EPR/YP3234XR/V002

Phone : 01937 844980
Ticket No: 48264
In / Out: In
Ticket Date: 05/12/2023 16:42:18
Vehicle Reg: NK18XVR
Vehicle Type: Roll On Roll Off
Haulier:
AWASM RECYCLING LTD
A V S M FARMING LTD
LAWHEAD

DL11 7HF
Carrier Reg: CBDU22650
Account Addr: C001732
Erith Haulage Company Limited
ERITH HOUSE
QUEEN STREET
KENT
DA8 1RP

Waste Type:
Gas Holder Sludge c/w Hydrocarbons

EWC Code: 10 07 00*

	Weight KG's	Date	Time
Gross	34980	05/12/2023	16:42
Tare	28080	05/12/2023	16:50
Net	6900		

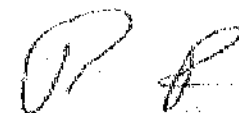
Measure: 6.80 T
Cust. Ord. No: NA
Area: Manchester

Consign. Note: ERITH/BR014
Transfer No:
Container: Bulk
Bay: PAD - SPGSYN

Job No.: 465848560
Signature on behalf of customer:

Signature for Augean:

Dave Foramen



By signing the weighbridge ticket, you are certifying your understanding of the site rules which are located on the signpost adjacent to the weighbridge.

The Hazardous Waste Regulations 2005:
Consignment Note

32820 47492



PART A Notification details

Sheet

1 of 1

1 Consignment note code:

ERITHC / B R 0 1 0

Complete with [R] for rejected load

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW

3 The waste will be taken to (name, address and postcode):

AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE

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

Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP

PART B Description of the waste

Number of continuation sheets, if used

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

DEMOLITION

2 SIC for the process giving rise to the waste:

4 3 . 1 1 /

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	EWC	Quantity	Component	Concentration (% or mg/kg)	Physical Form	Hazard code(s)	Container (size/type)
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS	>0.25<10%	SOLID	HP10 HP14	Roro Bin
			TPH	>0.1 <10%		HP7 HP11	

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

EWC	Packing Group	UN number, Proper Shipping Name(s), and class	Special handling requirements
1 6 0 7 0 9*	n/c	n/c	n/c

PART C Carrier's certificate

(If more than one carrier, attach schedule for subsequent carriers)

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.

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

Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP

1 Carrier name:

AWSM Farming, Lane Head Farm, Lane End, Hutton Magna, Richmond, North Yorkshire, DL11 7HF

2 Carrier registration no./reason for exemption:

CBDU222650

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

NK18XVR

Signature

James Kennedy

Date	3	0	1	1	2	0	2	3
Time	0	3	3	0	(24 hr clock)			

PART D Consignor's certificate

I certify that the information in A, B and C above 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

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: Callum Brayton

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

Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP

Signature

Callum Brayton

Date	3	0	1	1	2	0	2	3
Time	0	3	3	0	(24 hr clock)			

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)

Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste Management operation (R & D code)
	1 6 0 7 0 9*	13560	✓	DCR

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

Date	3	0	1	1	2	0	2	3
Time	0	3	3	0	(24 hr clock)			

Name:

M Pdx

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

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

AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE

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

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

Date	3	0	1	1	2	0	2	3
Time	0	3	3	0	(24 hr clock)			

Signature

M

**The Hazardous Waste Regulations 2005:
Consignment Note**

32820 47492

Advice/Waste Transfer Note
Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Huntsman Drive
Stockton on Tees
TS2 1UE
Permit No.: EPR/YP3234XR/V002

Phone: 01937 844980

Ticket No: 47492
In / Out: In
Ticket Date: 01/12/2023 08:57:39
Vehicle Reg: NK18XVR
Vehicle Type: Roll On Roll Off

Haulier:
AWSM RECYCLING LTD
A W S M FARMING LTD
LANEHEAD
DL11 7HF
Carrier Reg: CB0U222650
Account Addr: C001732
Erith Haulage Company Limited
ERITH HOUSE
QUEEN STREET
KENT
DA8 1RP

Waste Type:
Gas Holder Sludge c/w Hydrocarbons

EWC Code: 16 07 09*

	Weight KG's	Date	Time
Gross	32520	01/12/2023	08:57
Tare	19260	01/12/2023	09:37
Net	13560		

Measure: 13.56 T
Cust. Ord. No: NA
Area: Manchester

Consign. Note: ERITHC/BR010

Transfer No:

Container: Bulk

Bay: PAD- SPGSTN

Job No.: 4658/47490

Signature on behalf of customer:

Signature for Augean:

Michaelpostgate

By signing the weighbridge ticket, you are stating your understanding of the site rules which are

PART A Notification details

Sheet 1 of 1

1 Consignment note code: ERITHC / BR010 Complete with [R] for re

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW

3 The waste will

AUG

4 The waste pro
2) (name, address, mail, facsimile):

PART B Description of the waste

Number of continuation sheets, 1

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

DEMOLITION

2 SIC for the process giving rise to the waste:

4 3 1 1 /

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	EWC	Quantity	Component	Concentration (% or r
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS	>0.25<10%
			TPH	>0.1 <10%

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

EWC	Packing Group	UN number, Proper Shipping Name(s), and clas
1 6 0 7 0 9*	n/c	n/c

PART C Carrier's certificate

(If more than one carrier, attach schedule for subsequent carriers)

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.

On behalf of (name, address, mail, facsimile):

1 Carrier name:

AWSM Farming, Lane Head Farm, Lane End, Hutton Magna, Richmond, North Yorkshire, DL11 7HF

2 Carrier registration no./reass

3 Vehicle registration no. (or road):

Date	3 0 1 1 2 0 2 3
Time	0 3 3 0 (24 hr clock)

Signature

PART D Consignor's certificate

I certify that the information in A, B and C above is correct, that the carrier is registered or exempt and was advised of the appropriate precautions. The carrier has been advised of any

I confirm that I have full Waste(England and Wa

On behalf of (name, address, telephone, e-mail, facsi

1 Consignor name: Callum Brayton

Date	3 0 1 1 2 0 2 3
Time	0 3 3 0 (24 hr clock)

Signature

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 identified)

Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code accepted/reje
	1 6 0 7 0 9*	13560	

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

Date	0 1 1 2 2 0 2 3
Time	0 8 5 8 (24 hr clock)

Name:

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

On behalf of (name, address, telephone, e-mail, facsi

AUGEAN, PORT 1UE

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

703234mm

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

Date	0 1 1 2 2 0 2 3
Time	0 9 3 1 (24 hr clock)

Signature

The Hazardous Waste Regulations 2005:
Consignment Note



47125

PART A Notification details		Sheet 1 of 1	
1 Consignment note code:		E R I T H C / B R O O 9 ☐ Complete with [R] for rejected load	
2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile): Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW		3 The waste will be taken to (name, address and postcode): AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE	
		4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP	
PART B Description of the waste		Number of continuation sheets, if used	
1 The process giving rise to the waste(s) was: DEMOLITION			
2 SIC for the process giving rise to the waste: 4 3 . 1 1 /			
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	EWC	Quantity	Component
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS
			TPH
			Concentration (% or mg/kg)
			>0.25<10%
			>0.1 <10%
			Physical Form
			SOLID
			Hazard code(s)
			HP10 HP14
			HP7 HP11
			Container (size/type)
			Roro Bin
The information given below is to be completed for each EWC identified.			
EWC		Packing Group	UN number, Proper Shipping Name(s), and class
1 6 0 7 0 9*		n/c	n/c
			Special handling requirements
			n/c
PART C Carrier's certificate		(If more than one carrier, attach schedule for subsequent carriers)	
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.		On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP	
1 Carrier name: AWSM Farming, Lane Head Farm, Lane End, Hutton Magna, Richmond, North Yorkshire, DL11 7HF		2 Carrier registration no./reason for exemption: CBDU222650	
Date: 3 0 1 1 2 0 2 3 Time: 0 8 1 0 (24 hr clock)		3 Vehicle registration no. (or mode of transport, if not road): NK18XVR Signature: <i>[Signature]</i> James Kennedy	
PART D Consignor's certificate			
I certify that the information in A, B and C above 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			
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.			
On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP			
1 Consignor name: Callum Brayton		Signature: <i>[Signature]</i> Callum Brayton	
Date: 3 0 1 1 2 0 2 3 Time: 0 8 1 0 (24 hr clock)			
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)	
Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code accepted/rejected
	1 6 0 7 0 9*	12960	✓
			Waste Management operation (R & D code)
			105
1 I received the waste at the address given in A4 on:			
Date: 3 0 1 1 2 0 2 3 Time: 1 1 4 5 (24 hr clock)		Name: <i>[Signature]</i> M. Pubs	
2 Vehicle registration no. (or mode of transport if not road):			
On behalf of (name, address, postcode, telephone, e-mail, facsimile): AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE			
I certify that waste management licence/permit/authorised exemption no(s):			
71344mm		authorises the management of the waste described in B at the address given in A4.	
Date: 3 0 1 1 2 0 2 3 Time: 1 1 4 5 (24 hr clock)		Signature: <i>[Signature]</i>	

Advice/Waste Transfer Note

Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Huttonian Drive
Stockton on Tees
TS2 1UE
Permit No. : EPR/YP3234XR/V002

Phone : 01837 844880

Ticket No: 47125
In / Out: in
Ticket Date: 30/11/2023 11:23:29
Vehicle Reg: NK16XVR
Vehicle Type: Roll On Roll Off
Handler:

AWSM RECYCLING LTD
A W S M FARMING LTD
LANEHEAD

DL11 7HF
Carrier Reg: CBDU222600
Account Addr: 0001732
Erith Haulage Company Limited
ERITH HOUSE
QUEEN STREET
KENT
DA8 1RF

Waste Type:
Gas Holder Sludge c/w Hydrocarbons

BWC Code: 18 07 02

	Weight KG's	Date	Time
Gross	31700	30/11/2023	11:23
Tare	19300	30/11/2023	11:44
Net	12400		

Measure: 12.48 T
Cust. Ord. No: NA
Area: Manchester

Consign. Note: ERITHC/BR000
Transfer No:
Container: Bulk
Bay: PAD - SPGSTN

Job No.: 4858-48543

Signature on behalf of customer:

Signature for Augean:

Michaelpostgate

46544



Augean

**The Hazardous Waste Regulations 2005:
Consignment Note**

46544



Advice/Waste Transfer Note
Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Huntsman Drive
Stockton on Tees
TS2 1UE
Permit No.: EPR/YP3234XR/V002

PART A Notification details Sheet **1** of **1**

1 Consignment note code: **ERITHC / BR008** Complete with [R] for re

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):
Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW

3 The waste will be:
AUG

4 The waste producer (name, address, telephone, e-mail, facsimile):

Ticket No: 46544
In / Out: In
Ticket Date: 29/11/2023 12:38:32
Vehicle Reg: NK18XVR
Vehicle Type: Roll On Roll Off
Haulier:

PART B Description of the waste Number of continuation sheets, if

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

2 SIC for the process giving rise to the waste: **43.11**

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	EWC	Quantity	Component	Concentration (% or n)
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS	>0.25<10%
			TPH	>0.1 <10%

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

EWC	Packing Group	UN number, Proper Shipping Name(s), and class
1 6 0 7 0 9*	n/c	n/c

PART C Carrier's certificate (If more than one carrier, attach schedule for subsequent carriers)

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.

On behalf of (name, address, mail, facsimile):

1 Carrier name: **AWSM Farming, Lane Head Farm, Lane End, Hutton Magna, Richmond, North Yorkshire, DL11 7HF**

2 Carrier registration no./reason

3 Vehicle registration no. (or road):

Date	2 9 1 1 2 0 2 3
Time	0 9 3 0 (24 hr clock)

Signature

EWC Code: 16 07 09*
Weight KG's: 30020
Date: 29/11/2023
Time: 12:38
Gross: 30020
Tare: 18960
Net: 11060
Measure: 11.06 T
Cust. Ord. No: NA
Area: Manchester

PART D Consignor's certificate

I certify that the information in A, B and C above is correct, that the carrier is registered or exempt and was advised of the appropriate precautions.

I confirm that I have full Waste(England and Wales)

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

1 Consignor name: **Callum Brayton**

Date	2 9 1 1 2 0 2 3
Time	0 9 3 0 (24 hr clock)

Signature

Consign. Note: ERITHC/BR008
Transfer No:
Container: Bulk
Bay: PAD - SPGSTN

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 identified)

Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code accepted/rejected
	1 6 0 7 0 9*	11060	✓

1 I received the waste at the address given in A4 on:
Date: 29/11/2023
Time: 12:38 (24 hr clock)

Name:

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

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

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

AUGEAN, PORT 1UE

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

Date	29/11/2023
Time	12:38 (24 hr clock)

Signature

Job No.: 4658/46542
Signature on behalf of customer:

Signature for Augean:

Michaelpostgate

By signing the weighbridge ticket, you are stating your understanding of the site rules which are located on the signpost in front of the weighbridge.

Advice/Waste Transfer Note

Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Huntman Drive
Stockton on Tees
TS2 1UE
Permit No. : EPR/YP3234XRA/002

Phone : 01937 844980
Ticket No: 45896
In / Out: In
Ticket Date: 27/11/2023 16:32:19
Vehicle Reg: NK18XVR
Vehicle Type: Roll On Roll Off
Haulier:
AWSM RECYCLING LTD
A W S M FARMING LTD
LANEHEAD

DL 71F

Carrier Reg: CRDU222650
Account Addr: C001732
Erith Haulage Company Limited
ERITH HOUSE
QUEEN STREET
KENT
DA8 1RP

Waste Type:
Gas Holder Sludge c/w Hydrocarbons

BWC Code: 16 07 08

	Weight KG's	Date	Time
Gross	28120	27/11/2023	16:32
Tare	18060	27/11/2023	16:46
Net	9260		
Measure:	9.26 T		
Gross Ord. No:	NA		
Area:	Manchester		

Consign. Note: ERITH/CR007
Transfer No:
Container: Bulk
Bay: PAD - SPGSTN

Job No.: 465841467
Signature on behalf of customer:

Signature for Augean:

Dave Foreman

The Hazardous Waste Regulations 2005:
Consignment Note

43495



PART A Notification details		Sheet	1 of 1
1 Consignment note code:		E R I T H C / B R O O S ☐ Complete with [R] for rejected load	
2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile): Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW		3 The waste will be taken to (name, address and postcode): AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE	
		4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP	
PART B Description of the waste		Number of continuation sheets, if used	
1 The process giving rise to the waste(s) was: DEMOLITION			
2 SIC for the process giving rise to the waste: 4 3 . 1 1 /			
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	EWC	Quantity	Component
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS
			TPH
			Concentration (% or mg/kg)
			>0.25<10%
			>0.1 <10%
			Physical Form
			SOLID
			Hazard code(s)
			HP10 HP14
			HP7 HP11
			Container (size/type)
			Roro Bin
The information given below is to be completed for each EWC identified			
EWC		Packing Group	UN number, Proper Shipping Name(s), and class
1 6 0 7 0 9*		n/c	n/c
			Special handling requirements
			n/c
PART C Carrier's certificate		(If more than one carrier, attach schedule for subsequent carriers)	
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.		On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP	
1 Carrier name: AWSM Farming, Lane Head Farm, Lane End, Hutton Magna, Richmond, North Yorkshire, DL11 7HF		2 Carrier registration no./reason for exemption: CBDU222650	
Date: 2 1 1 1 2 0 2 3 Time: 0 9 0 0 (24 hr clock)		3 Vehicle registration no. (or mode of transport, if not road): NK18XVR Signature: James Kennedy	
PART D Consignor's certificate			
I certify that the information in A, B and C above 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			
1 Consignor name: Callum Brayton		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.	
Date: 2 1 1 1 2 0 2 3 Time: 0 9 0 0 (24 hr clock)		On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP Signature: Callum Brayton	
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)	
Description of Waste	EWC	Quantity of each EWC code received (kg)	Waste Management operation (R & D code)
	1 6 0 7 0 9*	10480	D09
1 I received the waste at the address given in A4 on:		Name: D Foran	
Date: 2 2 1 1 2 0 2 3 Time: 0 7 4 2 (24 hr clock)			
2 Vehicle registration no. (or mode of transport if not road): NK18XVR		On behalf of (name, address, postcode, telephone, e-mail, facsimile):	
I certify that waste management licence/permit/authorised exemption no(s):		AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE	
YP3234XV0007		authorises the management of the waste described in B at the address given in A4.	
Date: 2 2 1 1 2 0 2 3 Time: 0 8 4 1 (24 hr clock)		Signature:	

**The Hazardous Waste Regulations 2005:
Consignment Note**

43495

Advice/Waste Transfer Note
Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Huntsman Drive
Stockton on Tees
TS2 1UE
Permit No. : EPR/YP3234XR/V002

PART A Notification details Sheet **1** of **1**

1 Consignment note code: **ERITHC / BR005** Complete with [R] for n

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):
Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW

3 The waste will be removed by (name, address, postcode, telephone, e-mail, facsimile):
AUC

Phone : 01937 844980
Ticket No: 43495
In / Out: In
Ticket Date: 22/11/2023 07:41:52
Vehicle Reg: NK18XVR
Vehicle Type: Roll On Roll Off
Haulier:

**AWSM RECYCLING LTD
A W S M FARMING LTD
LANEHEAD**

**DL17 7JF
Carrier Reg: C8DU222650
Account Addr: C001732
Erith Haulage Company Limited
ERITH HOUSE
QUEEN STREET
KENT
DA8 1RP**

Waste Type: Gas Holder Sludge c/w Hydrocarbons

EWC Code: 16 07 08*

Weight KG's	Date	Time
Gross 29320	22/11/2023	07:41
Tare 18840	22/11/2023	08:11
Net 10480		

**Measure: 10.48 T
Cust. Ord. No: NA
Area: Manchester**

**Consign. Note: ERITHC/BR005
Transfer No:
Container: Bulk
Bay: PAD - SPGSTN**

**Job No.: 465841465
Signature on behalf of customer:**

Signature for Augean:
Dave Foreman

PART B Description of the waste Number of continuation sheets, **1**

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

2 SIC for the process giving rise to the waste: **43 11**

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	EWC	Quantity	Component	Concentration (% or)
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS	>0.25<10%
			TPH	>0.1 <10%

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

EWC	Packing Group	UN number, Proper Shipping Name(s), and cla
1 6 0 7 0 9*	n/c	n/c

PART C Carrier's certificate (If more than one carrier, attach schedule for subsequent carriers)

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.

On behalf of (name, address, mail, facsimile):

1 Carrier name: **AWSM Farming, Lane Head Farm, Lane End, Hutton Magna, Richmond, North Yorkshire, DL11 7HF**

2 Carrier registration no./reat

3 Vehicle registration no. (or road):

Date	2 1 1 1 2 0 2 3
Time	0 9 0 6 (24 hr clock)

Signature

PART D Consignor's certificate

I certify that the information in A, B and C above is correct, that the carrier is registered or exempt and was advised of the appropriate precautions. The carrier has been advised of any

I confirm that I have full authority to sign this certificate on behalf of (name, address, telephone, e-mail, facsimile):

1 Consignor name: **Callum Brayton**

Signature

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 identified)

Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code accepted/rejected
	1 6 0 7 0 9*	10480	

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

Date	22 11 2023
Time	07 42 (24 hr clock)

Name: **DF**

2 Vehicle registration no. (or mode of transport if not road): **NK18XVR**

On behalf of (name, address, telephone, e-mail, facsimile):
AUGEAN, PORT 1UE

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

YP3234XR/V0007 authorises the management of the waste at the address given in A4.

Date	22 11 2023
Time	08 11 (24 hr clock)

Signature

The Hazardous Waste Regulations 2005:
Consignment Note



42160

PART A Notification details		Sheet	1	of	1												
1 Consignment note code: <table border="1" style="display:inline-table"><tr><td>E</td><td>R</td><td>I</td><td>T</td><td>H</td><td>C</td><td>/</td><td>B</td><td>R</td><td>O</td><td>O</td><td>4</td></tr></table> ☐ Complete with [R] for rejected load						E	R	I	T	H	C	/	B	R	O	O	4
E	R	I	T	H	C	/	B	R	O	O	4						
2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile): Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW			3 The waste will be taken to (name, address and postcode): AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE														
4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):			Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP														

PART B Description of the waste		Number of continuation sheets, if used								
1 The process giving rise to the waste(s) was: DEMOLITION										
2 SIC for the process giving rise to the waste: <table border="1" style="display:inline-table"><tr><td>4</td><td>3</td><td>.</td><td>1</td><td>1</td><td>/</td><td></td></tr></table>				4	3	.	1	1	/	
4	3	.	1	1	/					
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	EWC	Quantity	Component	Concentration (% or mg/kg)	Physical Form	Hazard code(s)	Container (size/type)			
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS	>0.25<10%	SOLID	HP10 HP14	Roro Bin			
			TPH	>0.1 <10%		HP7 HP11				
The information given below is to be completed for each EWC identified										
EWC	Packing Group	UN number, Proper Shipping Name(s), and class	Special handling requirements							
1 6 0 7 0 9*	n/c	n/c	n/c							

PART C Carrier's certificate		(If more than one carrier, attach schedule for subsequent carriers)																			
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.		On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP																			
1 Carrier name: AWSM Farming, Lane Head Farm, Lane End, Hutton Magna, Richmond, North Yorkshire, DL11 7HF		2 Carrier registration no./reason for exemption: CBDU222650																			
<table border="1" style="display:inline-table"> <tr><td>Date</td><td>1</td><td>7</td><td>1</td><td>1</td><td>2</td><td>0</td><td>2</td><td>3</td></tr> <tr><td>Time</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> (24 hr clock)		Date	1	7	1	1	2	0	2	3	Time									3 Vehicle registration no. (or mode of transport, if not road): NK18XVR Signature:	
Date	1	7	1	1	2	0	2	3													
Time																					

PART D Consignor's certificate																			
I certify that the information in A, B and C above 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																			
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.																			
On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP																			
1 Consignor name: Callum Brayton																			
<table border="1" style="display:inline-table"> <tr><td>Date</td><td>1</td><td>7</td><td>1</td><td>1</td><td>2</td><td>0</td><td>2</td><td>3</td></tr> <tr><td>Time</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> (24 hr clock)		Date	1	7	1	1	2	0	2	3	Time								
Date	1	7	1	1	2	0	2	3											
Time																			
Signature:																			

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)																				
Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste Management operation (R & D code)																		
	1 6 0 7 0 9*	7300	✓	D09																		
1 I received the waste at the address given in A4 on: <table border="1" style="display:inline-table"><tr><td>Date</td><td>1</td><td>7</td><td>1</td><td>1</td><td>2</td><td>0</td><td>2</td><td>3</td></tr><tr><td>Time</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> (24 hr clock)					Date	1	7	1	1	2	0	2	3	Time								
Date	1	7	1	1	2	0	2	3														
Time																						
Name: Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP																						
2 Vehicle registration no. (or mode of transport if not road):																						
I certify that waste management licence/permit/authorised exemption no(s):																						
<table border="1" style="display:inline-table"> <tr><td colspan="9">7P32342222</td></tr> <tr><td colspan="9">authorises the management of the waste described in B at the address given in A4.</td></tr> </table>					7P32342222									authorises the management of the waste described in B at the address given in A4.								
7P32342222																						
authorises the management of the waste described in B at the address given in A4.																						
<table border="1" style="display:inline-table"> <tr><td>Date</td><td>1</td><td>7</td><td>1</td><td>1</td><td>2</td><td>0</td><td>2</td><td>3</td></tr> <tr><td>Time</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> (24 hr clock)					Date	1	7	1	1	2	0	2	3	Time								
Date	1	7	1	1	2	0	2	3														
Time																						
Signature:																						

**Advice/Waste Transfer Note**

Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Huntsman Drive
Stockton on Tees
TS2 1UE

Permit No.: EPRN/YP3234XR/V002

Phone: 01937 844880

Ticket No: 42160

In / Out: In

Ticket Date: 17/11/2023 15:51:00

Vehicle Reg: NK18XVR

Vehicle Type: Roll On Roll Off

Hauler:

AWSM RECYCLING LTD

A W S M FARMING LTD

LANEHEAD

DL11 7HF

Carrier Reg: CBDU222650

Account Addr: C001732

Erith Haulage Company Limited

ERITH HOUSE

QUEEN STREET

KENT

DAB TRP

Waste Type:

Gas Holder Sludge c/w Hydrocarbons

EWPR: 16 07 08*

	Weight KG's	Date	Time
Gross	26590	17/11/2023	15:51
Net	19260	17/11/2023	16:53
Diff	7330		

Measure: 7.30 T

Cust. Ord. No: NA

Area: Manchester

Consign. Note: ERITHO/BR004

Transfer No:

Container: Bulk

Bay: PAD - SPGSTN

Job No.: 4658/41463

Signature on behalf of customer:

Signature for Augean:

Michaelpostgate

The Hazardous Waste Regulations 2005:
Consignment Note



41822

PART A Notification details		Sheet 1 of 1	
1 Consignment note code: E R I T H C / B R 0 0 3		☐ Complete with [R] for rejected load	
2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile): Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW		3 The waste will be taken to (name, address and postcode): AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE	
		4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP	
PART B Description of the waste		Number of continuation sheets, if used	
1 The process giving rise to the waste(s) was: DEMOLITION			
2 SIC for the process giving rise to the waste: 4 3 . 1 1 /			
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	EWC	Quantity	Component
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS
			TPH
			Concentration (% or mg/kg)
			>0.25<10%
			>0.1 <10%
			Physical Form
			SOLID
			Hazard code(s)
			HP10 HP14
			HP7 HP11
			Container (size/type)
			Roro Bin
The information given below is to be completed for each EWC identified			
EWC		Packing Group	UN number, Proper Shipping Name(s), and class
1 6 0 7 0 9*		n/c	n/c
			Special handling requirements
			n/c
PART C Carrier's certificate		(If more than one carrier, attach schedule for subsequent carriers)	
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.		On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP	
1 Carrier name: AWSM Farming, Lane Head Farm, Lane End, Hutton Magna, Richmond, North Yorkshire, DL11 7HF		2 Carrier registration no./reason for exemption: CBDU222650	
Date: 1 7 1 1 2 0 2 3 Time: 0 6 3 5 (24 hr clock)		3 Vehicle registration no. (or mode of transport, if not road): NK18XVR	
		Signature:	
PART D Consignor's certificate			
I certify that the information in A, B and C above 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		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: Callum Brayton		On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP	
Date: 1 7 1 1 2 0 2 3 Time: 0 6 3 5 (24 hr clock)		Signature:	
		Callum Brayton	
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)	
Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code accepted/rejected
	1 6 0 7 0 9*	5260	☒
			Waste Management operation (R & D code)
			105
1 I received the waste at the address given in A4 on:			
Date: 17 11 2011 Time: 09 18 (24 hr clock)			
2 Vehicle registration no. (or mode of transport if not road):			
I certify that waste management licence/permit/authorised exemption no(s):			
On behalf of (name, address, postcode, telephone, e-mail, facsimile): AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE			
Date: 17 11 2011 Time: 09 18 (24 hr clock)			
Signature:			
authorises the management of the waste described in B at the address given in A4.			

Augean

Advice/Waste Transfer Note

Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Huntman Drive
Stockton on Tees
TS2 1UE
Permit No.: EPR/YP3234XR/Y002

Phone: 01937 844080
Ticket No: 41822
In / Out: In
Ticket Date: 17/11/2023 09:15:04
Vehicle Reg: NK18XVR
Vehicle Type: Roll On Roll Off
Haulier:
AWSM RECYCLING LTD
A W S M FARMING LTD
LANEHEAD

DL11 7HF
Carrier Reg: OSDU222650
Account Addr: C001732
Erith Haulage Company Limited
ERITH HOUSE
QUEEN STREET
KENT
DA8 1RP

Waste Type:
Gas Holder Sludge c/w Hydrocarbons

EWC Code: 16 07 08*

	Weight KG's	Date	Time
Gross	24740	17/11/2023	09:15
Tare	18400	17/11/2023	09:30
Net	6280		

Measure: 6.26 T
Crat. Ont. No: NA
Area: Manchester

Consign. Note: ERITHC/SR003
Transfer No:
Container: Bulk
Bay: PAD - SPQSTN

Job No.: 4658/41462
Signature on behalf of customer:

Signature for Augean:

Michael Postgate

The Hazardous Waste Regulations 2005:
Consignment Note

28560
41571



PART A Notification details		Sheet 1 of 1	
1 Consignment note code: E R I T H C / B R 0 0 2		☐ Complete with [R] for rejected load	
2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile): Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW		3 The waste will be taken to (name, address and postcode): AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE	
		4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP	
PART B Description of the waste		Number of continuation sheets, if used	
1 The process giving rise to the waste(s) was: DEMOLITION			
2 SIC for the process giving rise to the waste: 4 3 . 1 1 /			
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	EWC	Quantity	Component
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS
			TPH
			>0.25<10%
			>0.1 <10%
			HP10 HP14
			HP7 HP11
			Roro Bin
The information given below is to be completed for each EWC identified			
EWC		Packing Group	UN number, Proper Shipping Name(s), and class
1 6 0 7 0 9*		n/c	n/c
PART C Carrier's certificate		(If more than one carrier, attach schedule for subsequent carriers)	
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.		On behalf of (name, address, postcode, telephone, e-mail, facsimile):	
1 Carrier name: AWSM Farming, Lane Head Farm, Lane End, Hutton Magna, Richmond, North Yorkshire, DL11 7HF		Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP	
Date 1 6 1 1 2 0 2 3 Time 1 1 2 0 (24 hr clock)		2 Carrier registration no./reason for exemption: CBDU222650 3 Vehicle registration no. (or mode of transport, if not road): NK18XVR Signature: JAMES KENNEDY	
PART D Consignor's certificate			
I certify that the information in A, B and C above 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			
1 Consignor name: Callum Brayton		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.	
Date 1 6 1 1 2 0 2 3 Time 1 1 2 0 (24 hr clock)		On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP Signature: Callum Brayton	
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)	
Description of Waste	EWC	Quantity of each EWC code received (kg)	Waste Management operation (R & D code)
	1 6 0 7 0 9*	9920	D09
1 I received the waste at the address given in A4 on:			
Date 1 6 1 1 2 0 2 3 Time 1 1 2 0 (24 hr clock)			
2 Vehicle registration no. (or mode of transport if not road): NK18XVR			
I certify that waste management licence/permit/authorised exemption no(s):			
4P3234XRV0007 authorises the management of the waste described in B at the address given in A4.			
Date 1 6 1 1 2 0 2 3 Time 1 1 2 0 (24 hr clock)			
Signature:			

**Advice/Waste Transfer Note**

Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Hunnam Drive
Stockton on Tees
TS2 1UE
Permit No.: EPR/YP0234XR/V002

Phone: 01937 844850

Ticket No: 41571
In / Out: In
Ticket Date: 18/11/2023 14:42:07
Vehicle Reg: NK18XVR
Vehicle Type: Roll On Roll Off
Handler:

AWSM RECYCLING LTD
A W S M FARMING LTD
LANEHEAD

DL11 7HF

Carrier Reg: CBDU222650

Account Addr: C001732
ERITH Heritage Company Limited
ERITH HOUSE
QUEEN STREET
KENT
DA8 1RF

Waste Type:
Gas Holder Sludge c/w Hydrocarbons

EWC Code: 18 07 09*

	Weight KG's	Date	Time
Gross	26530	18/11/2023	14:42
Tare	18040	18/11/2023	15:08
Net	9020		

Measure: 9.92 T
Cust. Ord. No: NA
Area: Manchester

Consign. Note: ERITHC/BR002**Transfer No:****Container:** Bulk**Bay:** PAD - SPG8TN**Job No.:** 465841461**Signature on behalf of customer:****Signature for Augean:**

Dave Foreman

**The Hazardous Waste Regulations 2005:
Consignment Note**

43258



PART A Notification details									
1 Consignment note code: E R I T H C / B R 0 0 1					☐ Complete with [R] for rejected load				
2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile): Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW					3 The waste will be taken to (name, address and postcode): AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE				
					4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP				
PART B Description of the waste									
1 The process giving rise to the waste(s) was: DEMOLITION									
2 SIC for the process giving rise to the waste: 4 3 . 1 1 /									
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	EWC		Quantity	Component	Concentration (% or mg/kg)	Physical Form	Hazard code(s)	Container (size/type)	
Gas Holder Sludge	1	6 0 7 0 9*	8000kg	HEAVY METALS	>0.25<10%	SOLID	HP10 HP14	Tanker	
				TPH	>0.1 <10%		HP7 HP11		
The information given below is to be completed for each EWC identified									
EWC		Packing Group	UN number, Proper Shipping Name(s), and class		Special handling requirements				
1	6 0 7 0 9*	n/c	n/c		n/c				
PART C Carrier's certificate									
(if more than one carrier, attach schedule for subsequent carriers)									
I certify that I have collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements:					On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP				
1 Carrier name: Altonlord LTD, GeeDes Plant, Graythorpe Industrial Estate, Hartlepool, TS25 2DF					2 Carrier registration no./reason for exemption: CBDU87384				
Date 1 5 1 1 2 0 2 3 Time 1 2 4 0 (24 hr clock)					3 Vehicle registration no. (or mode of transport, if not road): NX68CEJ Signature				
PART D Consignor's certificate									
I certify that the information in A, B and C above 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									
1 Consignor name: Callum Brayton					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.				
Date 1 5 1 1 2 0 2 3 Time 1 2 4 0 (24 hr clock)					On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP Signature				
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)									
Description of Waste	EWC		Quantity of each EWC code received (kg)		EWC code accepted/rejected	Waste Management operation (R & D code)			
	1	6 0 7 0 9*	7740			DD9			
1 I received the waste at the address given in A4 on:									
Date 2 1 1 1 2 0 2 3 Time 1 4 4 0 (24 hr clock)									
2 Vehicle registration no. (or mode of transport, if not road): NX68CEJ									
I certify that waste management licence/permit/authorised exemption no(s):					On behalf of (name, address, postcode, telephone, e-mail, facsimile): AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE				
YPT234X2V0007					I authorise the management of the waste described in B at the address given in A4. Signature				
Date 2 1 1 1 2 0 2 3 Time 1 4 4 0 (24 hr clock)									



Advice/Waste Transfer Note

Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Huntsman Drive
Stockton on Tees
TS2 1UE
Permit No. : EPR/YP3234XR/V002

Ticket No: 43258
In / Out: In
Ticket Date: 21/11/2023 14:08:53
Vehicle Reg: NX68CEJ
Vehicle Type: Tanker
Haulier:

GEE DEE PLANT HIRE (ALIONLORD LIMITED)
GEEDEE PLANT
GRAYTHORP INDUSTRIAL ESTATE
HILL LEPOOL
TS25 2DF

Carrier Ref: CHDU87384
Account Addr: C001732
Erith Haulage Company Limited
ERITH HOUSE
QUEEN STREET
KENT
DA6 1RP

Waste Type:
Gas Holder Sludge c/w Hydrocarbons

EWG Code: 16 07 09*

	Weight KG's	Date	Time
Gross	24480	21/11/2023	14:08
Tare	19580	21/11/2023	14:47
N	7740		

Measure: 7.74 T
Cust. Ord. No: NA
Area: Manchester

Consign. Note: ERITH/BR001
Transfer No:
Container: Bulk
Bay: PAD - SPGSTN

Job No.: 485641434
Signature on behalf of customer:

Signature for Augean:

David Foreman

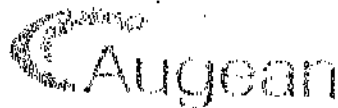
**The Hazardous Waste Regulations 2005:
Consignment Note**

25920

50435



PART A Notification details		Sheet	1 of 1
1 Consignment note code: E R I T H C / B R 0 1 5		☐ Complete with [X] for rejected load	
2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile): Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW		3 The waste will be taken to (name, address and postcode): AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE	
4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):		5 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP	
PART B Description of the waste		Number of continuation sheets, if used	
1 The process giving rise to the waste(s) was: DEMOLITION			
2 SIC for the process giving rise to the waste: 4 3 . 1 1 /			
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	EWC	Quantity	Component
Gas Holder Sludge	1 6 0 7 0 9*	8000kg	HEAVY METALS
			TPH
			>0.25<10%
			>0.1 <10%
			HP10 HP14
			HP7 HP11
The information given below is to be completed for each EWC identified			
EWC	Packaging Group	UN number, Proper Shipping Name(s), and class	Special handling requirements
1 6 0 7 0 9*	n/c	n/c	n/c
PART C Carrier's certificate (if more than one carrier, attach schedule for subsequent carriers)			
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.		On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP	
1 Carrier name: Altonford LTD, GasDec Plant, Graythorpe Industrial Estate, Harrogate, TS28 2DP		2 Carrier registration no/season for exemptions: CEDU87384	
3 Vehicle registration no. for mode of transport, if not road:		4 Vehicle registration no. for mode of transport, if not road: NX68 CEJ	
5 Signature:		6 Signature:	
PART D Consignor's certificate			
I certify that the information in A, B and C above 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			
1 Consignor name: Callum Brayton		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.	
2 On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP		3 On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP	
4 Signature:		5 Signature:	
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)			
Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code accepted/rejected
	1 6 0 7 0 9*	9040	D09
1 I received the waste at the address given in A4 on:		2 Name: D Foran	
3 Date: 07/12/2023		4 Date: 07/12/2023	
5 Time: 16:28		6 Time: 16:28	
7 Vehicle registration no. (or mode of transport if not road): NX68CEJ		8 On behalf of (name, address, postcode, telephone, e-mail, facsimile): AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE	
9 I certify that waste management licence/permit/authorised exemption (note):		10 I certify that waste management licence/permit/authorised exemption (note):	
11 Signature:		12 Signature:	
13 Date: 07/12/2023		14 Date: 07/12/2023	
15 Time: 16:28		16 Time: 16:28	



Advice/Notice Transfer Note
Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Hurlingham Drive
Stockton on Tees
TS12 1UU
Permit No.: EPR/V1234234/V002

Phone: 01937 841000
Ticket No: 50436
In / Out: In
Ticket Date: 07/12/2023 10:08:04
Vehicle Reg: NX68CEJ
Vehicle Type: Tanker
Haulier:
GEE DEE PLANT HIRE (A/T) (CONS) LIMITED
GEE DEE PLANT
GRAYTHORP INDUSTRIAL ESTATE
HARTLEPOOL
TS26 2DF
Garage Reg: CB0187304
Account Addr: 0001732
Erith Haulage Company Limited
ERITH HOUSE
QUEEN STREET
KENT
DA8 1RE

Waste Type:
Gas Holder Shells c/w Hydrocarbons

EWC Code: 16 07 00

	Weight KG's	Date	Time
Gross	25020	07/12/2023	10:08
Zero	10000	07/12/2023	10:28
Net	15020		

Manures: 9.04 T
Cust. Ord. No: NA
Area: Main Haulier

Consign. Note: ERITH HOUSE
Transfer No:
Containers: Bulk
Bay: PAD - STOCKTON

Job No: 4055-50433
Signature on behalf of customer:

Signature for Augean:

Dave Foran

The Hazardous Waste Regulations 2005:
Consignment No.

49513



PART A Notification details

Sheet

1 of 1

1 Consignment note code:

ERITHC / BR015

Complete with [R] for rejected load

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW

3 The waste will be taken to (name, address and postcode):

AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE

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

Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP

PART B Description of the waste

Number of continuation sheets, if used

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

DEMOLITION

2 SIC for the process giving rise to the waste:

4 3 . 1 1 /

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	EWC	Quantity	Component	Concentration (% or mg/kg)	Physical Form	Hazard code(s)	Container (size/type)
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS	>0.25<10%	SOLID	HP10 HP14	Roro Bin
			TPH	>0.1 <10%		HP7 HP11	

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

EWC	Packing Group	UN number, Proper Shipping Name(s), and class	Special handling requirements
1 6 0 7 0 9*	n/c	n/c	n/c

PART C Carrier's certificate

(If more than one carrier, attach schedule for subsequent carriers)

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.

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

Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP

1 Carrier name:

AWSM Farming, Lane Head Farm, Lane End, Hutton Magna, Richmond, North Yorkshire, DL11 7HF

2 Carrier registration no./reason for exemption:

CBDU222650

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

NK18XVR

Signature

Date	0	6	1	2	2	0	2	3
Time	0	6	5	5	(24 hr clock)			

PART D Consignor's certificate

I certify that the information in A, B and C above 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

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.

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

Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP
Callum Brayton

1 Consignor name: Callum Brayton

Signature

Date	0	6	1	2	2	0	2	3
Time	0	6	5	5	(24 hr clock)			

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)

Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste Management operation (R & D code)
	1 6 0 7 0 9*	5140		D09

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

Date	0	6	1	2	2	0	2	3
Time	1	0	0	0	(24 hr clock)			

Name:

D Foreman

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

NK18XVR

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

AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE

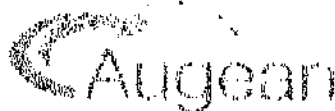
I certify that waste management licence/permit/authorised exemption no(s):

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

Date	0	6	1	2	2	0	2	3
Time	1	1	0	7	0	(24 hr clock)		

Signature

R



Advice/Waste Transfer Note

Augean Treatment Ltd
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Humberston Drive
Stockport on Tees
TY2 1UU
Permit No.: EPRYP023-EXRM002

Phone: 01937 844880

Ticket No: 48513
In / Out: In
Ticket Date: 06/12/2023 10:19:48
Vehicle Reg: NR18XVR
Vehicle Type: Roll On Roll Off
Handler:

AWBM RECYCLING LTD
A W B M FARMING LTD
LANEHEAD

CLIENT

Carrier Reg: GB00222650
Account Addr: C001732
Earth Haulage Company Limited
EARTH HOUSE
QUEEN STREET
KENT
DA8 1RP

Waste Type:

Css (holder) Sludge c/w Hydrocarbons

BWC Code: 16 07 08*

	Weight (kg)	Date	Time
Gross	24740	06/12/2023	10:19
Tare	10000	06/12/2023	10:08
Net	14740		

Measure: 5.14 T
Cust. Ord. No: NA
Area: Manchester

Consign. Note: EARTH/06016
Transfer No:
Container: Bulk
Bay: PAL - SP051N

Job No.: 485848461
Signature on behalf of customer:

Signature for Augean:

David Gannon

48186



E	R	I	T	H	C	/	B	R	0	1	2
---	---	---	---	---	---	---	---	---	---	---	---

Complete with [R] for rejected load

Erith Haulage Ltd, Erith House,
Queen St. ERITH DA8 1RP

Number of continuation sheets, if used

4	3	.	1	1	/	
---	---	---	---	---	---	--

Description of Waste	EWC						Quantity	Component	Concentration (% or mg/kg)	Physical Form	Hazard code(s)	Container (size/type)
Gas Holder Sludge	1	6	0	7	0	9*	15000kg	HEAVY METALS	>0.25<10%	SOLID	HP10 HP14	Roro Bin
								TPH	>0.1 <10%		HP7 HP11	

EWC						Packing Group	UN number, Proper Shipping Name(s), and class	Special handling requirements
1	6	0	7	0	9*	n/c	n/c	n/c

(If more than one carrier, attach schedule for subsequent carriers)

Ashley Burnham

Signature _____

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

[illegible]

Name: _____

N468CEJ

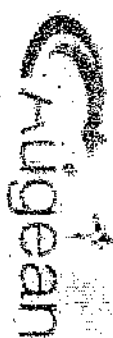
AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE

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

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

Date	D	0	4	M	2	2	0	Y	U	3
Time	G	2	5	M	4	(24 hr clock)				

Signature _____



Advice/Waste Transfer Note

AUGUEAN Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Hurdman Drive
Stockton on Tees
TS2 1UE
Permit No. : EPR/NP0234XSVV002

Phone : 01937 844880

Ticket No: 48186

In / Out: hr

Ticket Date: 04/12/2023 07:19:45

Vehicle Reg: NX88CEJ

Vehicle Type: Tanker

Handler:

GEE DEE PLANT HIRE (ALTON/LORD LIMITED)

GEEDEE PLANT

GRAYTHORP INDUSTRIAL ESTATE

HARTLEPOOL

TS25 2DF

Carrier Reg: CEDU87384

Account Addr: CDD1792

Esch Haulage Company Limited

ERITH HOUSE

QUEEN STREET

KENT

RA8 1RP

Waste Type:

Gas Holder Sludge c/w Hydrocarbons

EWIC Code: 16 07 08*

Weight kg's

Gross 30680

Date

04/12/2023

Time

07:19

Tare 18400

04/12/2023

07:53

Net 12380

Measure: 12.08 T

Cust. Ord. No: NA

Area: Manchester

Transfer Note: ERTHC/BRN12

The Hazardous Waste Regulations 2005:
Consignment Note

43859



PART A Notification details

Sheet

1 of 1

1 Consignment note code:

ERITHC / BR006

Complete with [R] for rejected load

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW

3 The waste will be taken to (name, address and postcode):

AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE

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

Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP

PART B Description of the waste

Number of continuation sheets, if used

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

DEMOLITION

2 SIC for the process giving rise to the waste:

43 11 /

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	EWC	Quantity	Component	Concentration (% or mg/kg)	Physical Form	Hazard code(s)	Container (size/type)
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS	>0.25<10%	SOLID	HP10 HP14	Roro Bin
			TPH	>0.1 <10%		HP7 HP11	

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

EWC	Packing Group	UN number, Proper Shipping Name(s), and class	Special handling requirements
1 6 0 7 0 9*	n/c	n/c	n/c

PART C Carrier's certificate

(If more than one carrier, attach schedule for subsequent carriers)

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

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

Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP

1 Carrier name:

Altenlord LTD, GeeDee Plant, Graythorpe Industrial Estate, Hartlepool, TS25 2DF

2 Carrier registration no./reason for exemption:

CBDU87384

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

C0257

Signature

Evan Edwards

PART D Consignor's certificate

I certify that the information in A, B and C above 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

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: Callum Brayton

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

Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP

Date 22 11 2023
Time 11 21 3 (24 hr clock)

Signature

Callum Brayton

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)

Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste Management operation (R & D code)
	1 6 0 7 0 9*	3800		DOA

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

Date 22 11 2023
Time 11 21 3 (24 hr clock)

Name: Dforeman

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

C0257

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

AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE

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

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

Date 22 11 2023
Time 11 21 3 (24 hr clock)

Signature

**Advice/Waste Transfer Note**

Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Humberston Drive
Stockton on Tees
TS2 1UE
Permit No: EPR/YP3234XR/V002

Phone: 01837 644880

Ticket No: 43650
In / Out: In
Ticket Date: 22/11/2023 12:12:33
Vehicle Reg: CO257
Vehicle Type: Tanker
Haulier:

GEE DEE PLANT HIRE (ALTONLORD LIMITED)
GEEDEE PLANT
GRAYTHORP INDUSTRIAL ESTATE
HARTLEPOOL
TS26 2DF

Carrier Reg: CBDU67384
Account Addr: C001732
Erith Haulage Company Limited
ERITH HOUSE
QUEEN STREET
KENT
DA8 1RP

Waste Type:
Gas Holder Sludge c/w Hydrocarbons

EWG Code: 18 07 09*

	Weight KG's	Date	Time
Gross	20020	22/11/2023	12:12
Tare	10970	22/11/2023	12:45
Net	9050		

Measure: 3.60 T
Inst. Ord. No: NA
Area: Manchester

Consign. Note: ERITH/BR006
Transfer No:
Container: Bulk
Bay: PAD - SPGSTN

Job No.: 465841466
Signature on behalf of customer:

Signature for Augean:

Dave Foran



Advice/Waste Transfer Note
Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Huntsman Drive
Stockton on Tees
TS2 1UE

Permit No.: EPRNYP3234XR/V002

Phone: 01937 844980
48084

Ticket No:

In / Out:

Ticket Date: 01/12/2023 16:03:10

Vehicle Reg: NK18XVR

Vehicle Type: Roll On Roll Off

Haulier:

AWSM RECYCLING LTD

AW/S M FARMING LTD

LAN EAD

DL11 7HF

Carrier Reg: C5DU222600

Account Addr: C001732

Erith Haulage Company Limited

ERITH HOUSE

QUEEN STREET

KENT

DA8 1RP

Waste Type:

Gas Holder Sludge c/w Hydrocarbons

EWG Code: 16 07 09

Weight KG's Date Time

Gross 13060 01/12/2023 16:03

Tare 13700 01/12/2023 16:23

Net 14380

Measure: 11.38 T

Cust. Ord. No: NA

Area: Manchester

Consign. Note: ERT11C/BR011

Transfer No:

Container: Bulk

Bay: PAD - SPOSTN

Job No: 4658/48082

Signature on behalf of customer:

Signature for Augean:

Michael Postgate

By signing the weighbridge ticket, you are certifying that the weight recorded on this ticket is correct and that the vehicle is not overloaded and is not carrying any dangerous goods.

The Hazardous Waste Regulations 2005:
Consignment Note



48084 33080

PART A Notification details

Sheet 1 of 1

1 Consignment note code:

E R I T H C / B R 0 1 1

Complete with [R] for rejected load

3 The waste will be taken to (name, address and postcode):

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):
AUGEAN, PORT CLARENCE, off Huntsman Drive,
MIDDLESBROUGH TS2 1UE
Bradford Road Gas Holder Site, Bradford Road, Manchester M40
7BW

4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):
Erith Haulage Ltd, Erith House,
Queen St, ERITH DA8 1RP

PART B Description of the waste

Number of continuation sheets, if used

DEMOLITION

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

4 3 1 1 1

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 given below must be completed for each EWC identified)

Description of Waste	EWC	Quantity	Component	Concentration (% or mg/kg)	Physical Form	Hazard code(s)	Container (size/type)
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS	>0.25<10%	SOLID	HP10 HP14	Roro Bin
			TPH	>0.1 <10%		HP7 HP11	

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

EWC	Packing Group	UN number, Proper Shipping Name(s), and class	Special handling requirements
1 6 0 7 0 9*	n/c	n/c	n/c

PART C Carrier's certificate

(If more than one carrier, attach schedule for subsequent carriers)

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.

On behalf of (name, address, postcode, telephone, e-mail, facsimile):
Erith Haulage Ltd, Erith House, Queen
St, ERITH DA8 1RP

1 Carrier name:

AWSM Farming, Lane Head Farm, Lane End, Hutton Magna,
Richmond, North Yorkshire, DL11 7HF

2 Carrier registration no./reason for exemption: CBDU222650

3 Vehicle registration no. (or mode of transport, if not road): NK18XVR

Date 0 1 1 2 2 0 2 3
Time 1 2 3 0 (24 hr clock)

Signature

PART D Consignor's certificate

I certify that the information in A, B and C above 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

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.

On behalf of (name, address, postcode, telephone, e-mail, facsimile):
Erith Haulage Ltd, Erith House,
Queen St, ERITH DA8 1RP

1 Consignor name: Callum Brayton

Date 0 1 1 2 2 0 2 3
Time 1 2 3 0 (24 hr clock)

Signature

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)

Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste Management operation (R & D code)
	1 6 0 7 0 9*	14380	☒	Doc

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

Date 0 1 1 2 2 0 2 3
Time 1 6 0 0 (24 hr clock)

Signature

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

NK18XVR

On behalf of (name, address, postcode, telephone, e-mail, facsimile):
AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2
1UE

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

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

Date 0 1 1 2 2 0 2 3
Time 1 6 0 0 (24 hr clock)

Signature

The Hazardous Waste Regulations 2005:
Consignment Note

49264



PART A Notification details		Sheet	1	of	1
1 Consignment note code: E R I T H C / B R O 1 4 ☐ Complete with [R] for rejected load					
2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile): Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW			3 The waste will be taken to (name, address and postcode): AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE		
4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):			Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP		

PART B Description of the waste		Number of continuation sheets, if used					
1 The process giving rise to the waste(s) was: DEMOLITION							
2 SIC for the process giving rise to the waste: 4 3 . 1 1 /							
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	EWC	Quantity	Component	Concentration (% or mg/kg)	Physical Form	Hazard code(s)	Container (size/type)
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS	>0.25<10%	SOLID	HP10 HP14	Roro Bin
			TPH	>0.1 <10%		HP7 HP11	
The information given below is to be completed for each EWC identified							
EWC	Packing Group	UN number, Proper Shipping Name(s), and class	Special handling requirements				
1 6 0 7 0 9*	n/c	n/c	n/c				

PART C Carrier's certificate		(If more than one carrier, attach schedule for subsequent carriers)																			
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.		On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP																			
1 Carrier name: AWSM Farming, Lane Head Farm, Lane End, Hutton Magna, Richmond, North Yorkshire, DL11 7HF		2 Carrier registration no./reason for exemption: CBDU222650																			
<table border="1" style="width:100%"> <tr> <td>Date</td> <td>0</td><td>5</td><td>1</td><td>2</td><td>2</td><td>0</td><td>2</td><td>3</td> </tr> <tr> <td>Time</td> <td>1</td><td>3</td><td>3</td><td>0</td> <td colspan="4">(24 hr clock)</td> </tr> </table>		Date	0	5	1	2	2	0	2	3	Time	1	3	3	0	(24 hr clock)				3 Vehicle registration no. (or mode of transport, if not road): NK18XVR Signature: James Kennedy	
Date	0	5	1	2	2	0	2	3													
Time	1	3	3	0	(24 hr clock)																

PART D Consignor's certificate																			
I certify that the information in A, B and C above 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																			
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.																			
On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP																			
1 Consignor name: Callum Brayton																			
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Date	0	5	1	2	2	0	2	3											
Time	1	3	3	0	(24 hr clock)														
Signature: <i>Callum Brayton</i>																			

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)																				
Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste Management operation (R & D code)																		
	1 6 0 7 0 9*	6900		Do9																		
1 I received the waste at the address given in A4 on:																						
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Date	0	5	1	2	2	0	2	3														
Time	1	3	3	0	(24 hr clock)																	
2 Vehicle registration no. (or mode of transport if not road): NK18XVR																						
I certify that waste management licence/permit/authorised exemption no(s):																						
<table border="1" style="width:100%"> <tr> <td>Y P 3 2 3 4 4 4 0 0 0 7</td> <td>authorises the management of the waste described in B at the address given in A4.</td> </tr> </table>					Y P 3 2 3 4 4 4 0 0 0 7	authorises the management of the waste described in B at the address given in A4.																
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Date	0	5	1	2	2	0	2	3														
Time	1	3	3	0	(24 hr clock)																	
Signature: <i>Dforman</i>																						

Advice/Waste Transfer Note
Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Huntsman Drive
Stockton on Tees
TS2 1UE
Permit No. : EPR/YP3234XR/V002

Phone : 01937 844980
Ticket No: 48264
In / Out: In
Ticket Date: 05/12/2023 16:42:18
Vehicle Reg: NK18XVR
Vehicle Type: Roll On Roll Off
Haulier:
AWSM RECYCLING LTD
A V S M FARMING LTD
LAWHEAD

DL11 7HF
Carrier Reg: CBDU22650
Account Addr: C001732
Erith Haulage Company Limited
ERITH HOUSE
QUEEN STREET
KENT
DA8 1RP

Waste Type:
Gas Holder Sludge c/w Hydrocarbons

EWC Code: 10 07 00*

	Weight KG's	Date	Time
Gross	34980	05/12/2023	16:42
Tare	28080	05/12/2023	16:50
Net	6900		

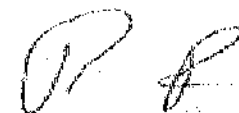
Measure: 6.80 T
Cust. Ord. No: NA
Area: Manchester

Consign. Note: ERITH/BR014
Transfer No:
Container: Bulk
Bay: PAD - SPGSYN

Job No.: 465848560
Signature on behalf of customer:

Signature for Augean:

Dave Foramen



By signing the weighbridge ticket, you are certifying your understanding of the site rules which are located on the signpost adjacent to the weighbridge.

The Hazardous Waste Regulations 2005:
Consignment Note

32820 47492



PART A Notification details

Sheet

1 of 1

1 Consignment note code:

ERITHC / B R O 1 0

Complete with [R] for rejected load

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW

3 The waste will be taken to (name, address and postcode):

AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE

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

Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP

PART B Description of the waste

Number of continuation sheets, if used

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

DEMOLITION

2 SIC for the process giving rise to the waste:

4 3 . 1 1 /

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	EWC	Quantity	Component	Concentration (% or mg/kg)	Physical Form	Hazard code(s)	Container (size/type)
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS	>0.25<10%	SOLID	HP10 HP14	Roro Bin
			TPH	>0.1 <10%		HP7 HP11	

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

EWC	Packing Group	UN number, Proper Shipping Name(s), and class	Special handling requirements
1 6 0 7 0 9*	n/c	n/c	n/c

PART C Carrier's certificate

(If more than one carrier, attach schedule for subsequent carriers)

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.

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

Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP

1 Carrier name:

AWSM Farming, Lane Head Farm, Lane End, Hutton Magna, Richmond, North Yorkshire, DL11 7HF

2 Carrier registration no./reason for exemption:

CBDU222650

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

NK18XVR

Signature

James Kennedy

Date	3	0	1	1	2	0	2	3
Time	0	3	3	0	(24 hr clock)			

PART D Consignor's certificate

I certify that the information in A, B and C above 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

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: Callum Brayton

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

Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP

Signature

Callum Brayton

Date	3	0	1	1	2	0	2	3
Time	0	3	3	0	(24 hr clock)			

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)

Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste Management operation (R & D code)
	1 6 0 7 0 9*	13560	✓	DCR

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

Date	3	0	1	1	2	0	2	3
Time	0	3	3	0	(24 hr clock)			

Name:

M Pdx

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

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

AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE

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

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

Date	3	0	1	1	2	0	2	3
Time	0	3	3	0	(24 hr clock)			

Signature

M

**The Hazardous Waste Regulations 2005:
Consignment Note**

32820 47492

Advice/Waste Transfer Note
Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Huntsman Drive
Stockton on Tees
TS2 1UE
Permit No.: EPR/YP3234XR/V002

Phone: 01937 844980

Ticket No: 47492
In / Out: In
Ticket Date: 01/12/2023 08:57:39
Vehicle Reg: NK18XVR
Vehicle Type: Roll On Roll Off
Haulier:

AWSM RECYCLING LTD
A W S M FARMING LTD
LANEHEAD

DL11 7HF
Carrier Reg: C8DU222650
Account Addr: C001732
Erith Haulage Company Limited
ERITH HOUSE
QUEEN STREET
KENT
DA8 1RP

Waste Type:
Gas Holder Sludge c/w Hydrocarbons

EWC Code: 16 07 09*

	Weight KG's	Date	Time
Gross	32520	01/12/2023	08:57
Tare	19260	01/12/2023	09:37
Net	13560		

Measure: 13.56 T
Cust. Ord. No: NA
Area: Manchester

Consign. Note: ERITHC/BR010

Transfer No:

Container: Bulk
Bay: PAD- SPGSTN

Job No.: 4658/47490

Signature on behalf of customer:

Signature for Augean:

Michaelpostgate

By signing the weighbridge ticket, you are stating your understanding of the site rules which are

PART A Notification details

Sheet 1 of 1

1 Consignment note code: ERITHC / BR010 Complete with [R] for re

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW

3 The waste will

AUG

4 The waste pro
2) (name, address, mail, facsimile):

PART B Description of the waste

Number of continuation sheets, 1

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

DEMOLITION

2 SIC for the process giving rise to the waste:

4 3 1 1 /

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	EWC	Quantity	Component	Concentration (% or r
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS	>0.25<10%
			TPH	>0.1 <10%

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

EWC	Packing Group	UN number, Proper Shipping Name(s), and clas
1 6 0 7 0 9*	n/c	n/c

PART C Carrier's certificate

(If more than one carrier, attach schedule for subsequent carriers)

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.

On behalf of (name, address, mail, facsimile):

1 Carrier name:

AWSM Farming, Lane Head Farm, Lane End, Hutton Magna, Richmond, North Yorkshire, DL11 7HF

2 Carrier registration no./reass

3 Vehicle registration no. (or road):

Date	3 0 1 1 2 0 2 3
Time	0 3 3 0 (24 hr clock)

Signature

PART D Consignor's certificate

I certify that the information in A, B and C above is correct, that the carrier is registered or exempt and was advised of the appropriate precautions. The carrier has been advised of any

I confirm that I have full Waste(England and Wa

On behalf of (name, address, telephone, e-mail, facsi

1 Consignor name: Callum Brayton

Date	3 0 1 1 2 0 2 3
Time	0 3 3 0 (24 hr clock)

Signature

PART E Consignee's certificate

(where more than one waste type is collected all of the information given

Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code accepted/reje
	1 6 0 7 0 9*	13560	

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

Date	0 1 1 2 0 2 3
Time	0 8 5 8 (24 hr clock)

Name:

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

On behalf of (name, address, telephone, e-mail, facsi

AUGEAN, PORT 1UE

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

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

Date	0 1 1 2 0 2 3
Time	0 9 3 1 (24 hr clock)

Signature

The Hazardous Waste Regulations 2005:
Consignment Note

47125



PART A Notification details		Sheet 1 of 1	
1 Consignment note code:		E R I T H C / B R O O 9 ☐ Complete with [R] for rejected load	
2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile): Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW		3 The waste will be taken to (name, address and postcode): AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE	
		4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP	
PART B Description of the waste		Number of continuation sheets, if used	
1 The process giving rise to the waste(s) was:		DEMOLITION	
2 SIC for the process giving rise to the waste:		4 3 . 1 1 /	
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	EWC	Quantity	Component
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS
			TPH
			Concentration (% or mg/kg)
			>0.25<10%
			>0.1 <10%
			Physical Form
			SOLID
			Hazard code(s)
			HP10 HP14
			HP7 HP11
			Container (size/type)
			Roro Bin
The information given below is to be completed for each EWC identified.			
EWC		Packing Group	UN number, Proper Shipping Name(s), and class
1 6 0 7 0 9*		n/c	n/c
			Special handling requirements
			n/c
PART C Carrier's certificate		(If more than one carrier, attach schedule for subsequent carriers)	
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.		On behalf of (name, address, postcode, telephone, e-mail, facsimile):	
		Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP	
1 Carrier name:		2 Carrier registration no./reason for exemption:	
AWSM Farming, Lane Head Farm, Lane End, Hutton Magna, Richmond, North Yorkshire, DL11 7HF		CBDU222650	
Date 3 0 1 1 2 0 2 3 Time 0 8 1 0 (24 hr clock)		3 Vehicle registration no. (or mode of transport, if not road): NK18XVR Signature James Kennedy	
PART D Consignor's certificate			
I certify that the information in A, B and C above 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			
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:		On behalf of (name, address, postcode, telephone, e-mail, facsimile):	
Callum Brayton		Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP	
Date 3 0 1 1 2 0 2 3 Time 0 8 1 0 (24 hr clock)		Signature Callum Brayton	
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)	
Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code accepted/rejected
	1 6 0 7 0 9*	12960	✓
			Waste Management operation (R & D code)
			105
1 I received the waste at the address given in A4 on:			
Date 3 0 1 1 2 0 2 3 Time 1 1 4 5 (24 hr clock)			
2 Vehicle registration no. (or mode of transport if not road):			
On behalf of (name, address, postcode, telephone, e-mail, facsimile):			
AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE			
I certify that waste management licence/permit/authorised exemption no(s):			
70349mm			
authorises the management of the waste described in B at the address given in A4.			
Date 3 0 1 1 2 0 2 3 Time 1 1 4 5 (24 hr clock)			
Signature			

Advice/Waste Transfer Note

Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Huntman Drive
Stockton on Tees
TS2 1UE
Permit No. : EPR/YP3234XR/V002

Phone : 01837 844880

Ticket No: 47125
In / Out: in
Ticket Date: 30/11/2023 11:23:29
Vehicle Reg: NK16XVR
Vehicle Type: Roll On Roll Off
Handler:

AWSM RECYCLING LTD
A W S M FARMING LTD
LANEHEAD

DL11 7HF
Carrier Reg: CBDU222600
Account Addr: 0001732
Erith Haulage Company Limited
ERITH HOUSE
QUEEN STREET
KENT
DA8 1RF

Waste Type:
Gas Holder Sludge c/w Hydrocarbons

BWC Code: 18 07 02

	Weight KG's	Date	Time
Gross	31700	30/11/2023	11:23
Tare	19300	30/11/2023	11:44
Net	12400		

Measure: 12.48 T
Cust. Ord. No: NA
Area: Manchester

Consign. Note: ERITHC/BR000
Transfer No:
Container: Bulk
Bay: PAD - SPGSTN

Job No.: 4858-48543

Signature on behalf of customer:

Signature for Augean:

Michaelpostgate

The Hazardous Waste Regulations 2005:
Consignment Note

46544



PART A Notification details		Sheet 1 of 1																			
1 Consignment note code: <table border="1" style="display: inline-table; text-align: center;">E R I T H C / B R 0 0 8</table>		☐ Complete with [R] for rejected load																			
2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile): Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW		3 The waste will be taken to (name, address and postcode): AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE																			
		4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP																			
PART B Description of the waste		Number of continuation sheets, if used																			
1 The process giving rise to the waste(s) was: DEMOLITION																					
2 SIC for the process giving rise to the waste: <table border="1" style="display: inline-table; text-align: center;">4 3 / 1 1 /</table>																					
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	EWC	Quantity	Component																		
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS																		
			TPH																		
			Concentration (% or mg/kg)																		
			>0.25<10%																		
			>0.1 <10%																		
			Physical Form																		
			SOLID																		
			Hazard code(s)																		
			HP10 HP14																		
			HP7 HP11																		
			Container (size/type)																		
			Roro Bin																		
The information given below is to be completed for each EWC identified																					
EWC	Packing Group	UN number, Proper Shipping Name(s), and class	Special handling requirements																		
1 6 0 7 0 9*	n/c	n/c	n/c																		
PART C Carrier's certificate		(If more than one carrier, attach schedule for subsequent carriers)																			
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.		On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP																			
1 Carrier name: AWSM Farming, Lane Head Farm, Lane End, Hutton Magna, Richmond, North Yorkshire, DL11 7HF		2 Carrier registration no./reason for exemption: CBDU222650																			
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Date	2	9	1	1	2	0	2	3													
Time	0	9	3	0	(24 hr clock)																
		Signature:																			
		James Kennedy																			
PART D Consignor's certificate																					
I certify that the information in A, B and C above 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																					
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Date	2	9	1	1	2	0	2	3													
Time	0	9	3	0	(24 hr clock)																
Signature:																					
Callum Brayton																					
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)																			
Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code accepted/rejected																		
	1 6 0 7 0 9*	11060	☒																		
1 I received the waste at the address given in A4 on:																					
<table border="1" style="display: inline-table; text-align: center;"> <tr><td>Date</td><td>2</td><td>9</td><td>1</td><td>1</td><td>2</td><td>0</td><td>2</td><td>3</td></tr> <tr><td>Time</td><td>0</td><td>9</td><td>3</td><td>0</td><td colspan="4">(24 hr clock)</td></tr> </table>				Date	2	9	1	1	2	0	2	3	Time	0	9	3	0	(24 hr clock)			
Date	2	9	1	1	2	0	2	3													
Time	0	9	3	0	(24 hr clock)																
Name:																					
2 Vehicle registration no. (or mode of transport if not road):																					
On behalf of (name, address, postcode, telephone, e-mail, facsimile): AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE																					
I certify that waste management licence/permit/authorised exemption no(s):																					
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7P3234N Van																					
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Date	2	9	1	1	2	0	2	3													
Time	0	9	3	0	(24 hr clock)																
Signature:																					

**The Hazardous Waste Regulations 2005:
Consignment Note**

46544



Advice/Waste Transfer Note
Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Huntsman Drive
Stockton on Tees
TS2 1UE
Permit No.: EPR/YP3234XR/V002

PART A Notification details Sheet **1** of **1**

1 Consignment note code: **ERITHC / BR008** Complete with [R] for re

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):
Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW

3 The waste will be
AUG

4 The waste producer (name, address, mail, facsimile):

Ticket No: 46544
In / Out: In
Ticket Date: 29/11/2023 12:38:32
Vehicle Reg: NK18XVR
Vehicle Type: Roll On Roll Off
Haulier:

PART B Description of the waste Number of continuation sheets, if

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

2 SIC for the process giving rise to the waste: **43.11**

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	EWC	Quantity	Component	Concentration (% or n)
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS	>0.25<10%
			TPH	>0.1 <10%

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

EWC	Packing Group	UN number, Proper Shipping Name(s), and class
1 6 0 7 0 9*	n/c	n/c

PART C Carrier's certificate (If more than one carrier, attach schedule for subsequent carriers)

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.

On behalf of (name, address, mail, facsimile):

1 Carrier name: **AWSM Farming, Lane Head Farm, Lane End, Hutton Magna, Richmond, North Yorkshire, DL11 7HF**

2 Carrier registration no./rease

3 Vehicle registration no. (or road):

Date	2	9	1	1	2	0	2	3
Time	0	9	3	0	(24 hr clock)			

Signature

PART D Consignor's certificate

I certify that the information in A, B and C above is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures.

I confirm that I have full Waste(England and Wales)

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

1 Consignor name: **Callum Brayton**

Date	2	9	1	1	2	0	2	3
Time	0	9	3	0	(24 hr clock)			

Signature

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 identified)

Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code accepted/rejected
	1 6 0 7 0 9*	11060	✓

1 I received the waste at the address given in A4 on:
Date: **29/11/2023**
Time: **12:38** (24 hr clock)

Name:

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

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

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

AUGEAN, PORT 1UE

7P3234XR/V002 authorises the management of the waste at the address given in A4.

Date	29	11	2023
Time	12	38	(24 hr clock)

Signature

AWSM RECYCLING LTD
AW S M FARMING LTD
LANEHEAD

DL 7HF
Carrier Reg: CBDU222650
Account Addr: C001732
Enth Haulage Company Limited
ERITH HOUSE
QUEEN STREET
KENT
DA8 1RP

Waste Type:
Gas Holder Sludge c/w Hydrocarbons

EWC Code: 16 07 09*

	Weight KG's	Date	Time
Gross	30020	29/11/2023	12:38
Tare	18960	29/11/2023	12:55
Net	11060		
Measure:	11.06 T		
Cust. Ord. No:	NA		
Area:	Manchester		

Consign. Note: ERITHC/BR008
Transfer No:
Container: Bulk
Bay: PAD - SPGSTN

Job No.: 4658/46542
Signature on behalf of customer:

Signature for Augean:
Michaelpostgate

By signing the weighbridge ticket, you are stating your understanding of the site rules which are located on the signpost in front of the weighbridge.

The Hazardous Waste Regulations 2005:
Consignment Note



45696

PART A Notification details		Sheet	1 of 1												
1 Consignment note code:		<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td>E</td><td>R</td><td>I</td><td>T</td><td>H</td><td>C</td><td>/</td><td>B</td><td>R</td><td>0</td><td>0</td><td>7</td> </tr> </table> ☐ Complete with [R] for rejected load		E	R	I	T	H	C	/	B	R	0	0	7
E	R	I	T	H	C	/	B	R	0	0	7				
2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):		3 The waste will be taken to (name, address and postcode):													
Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW		AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE													
4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):		Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP													

PART B Description of the waste		Number of continuation sheets, if used								
1 The process giving rise to the waste(s) was: DEMOLITION										
2 SIC for the process giving rise to the waste: <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td>4</td><td>3</td><td>.</td><td>1</td><td>1</td><td>/</td><td></td> </tr> </table>				4	3	.	1	1	/	
4	3	.	1	1	/					
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	EWC	Quantity	Component	Concentration (% or mg/kg)	Physical Form	Hazard code(s)	Container (size/type)			
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS	>0.25<10%	SOLID	HP10 HP14	Roro Bin			
			TPH	>0.1 <10%		HP7 HP11				
The information given below is to be completed for each EWC identified										
EWC	Packing Group	UN number, Proper Shipping Name(s), and class	Special handling requirements							
1 6 0 7 0 9*	n/c	n/c	n/c							

PART C Carrier's certificate		(If more than one carrier, attach schedule for subsequent carriers)																			
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.		On behalf of (name, address, postcode, telephone, e-mail, facsimile):																			
		Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP																			
1 Carrier name:	AWSM Farming, Lane Head Farm, Lane End, Hutton Magna, Richmond, North Yorkshire, DL11 7HF																				
2 Carrier registration no./reason for exemption:	CBDU222650																				
3 Vehicle registration no. (or mode of transport, if not road):	NK18XVR																				
	Signature: James Kennedy																				
<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td>Date</td><td>2</td><td>4</td><td>1</td><td>1</td><td>2</td><td>0</td><td>2</td><td>3</td> </tr> <tr> <td>Time</td><td>1</td><td>1</td><td>3</td><td>0</td><td colspan="4">(24 hr clock)</td> </tr> </table>				Date	2	4	1	1	2	0	2	3	Time	1	1	3	0	(24 hr clock)			
Date	2	4	1	1	2	0	2	3													
Time	1	1	3	0	(24 hr clock)																

PART D Consignor's certificate																			
I certify that the information in A, B and C above 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																			
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: Callum Brayton	On behalf of (name, address, postcode, telephone, e-mail, facsimile):																		
	Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP																		
<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td>Date</td><td>2</td><td>4</td><td>1</td><td>1</td><td>2</td><td>0</td><td>2</td><td>3</td> </tr> <tr> <td>Time</td><td>1</td><td>1</td><td>3</td><td>0</td><td colspan="4">(24 hr clock)</td> </tr> </table>	Date	2	4	1	1	2	0	2	3	Time	1	1	3	0	(24 hr clock)				Signature: <i>Callum Brayton</i>
Date	2	4	1	1	2	0	2	3											
Time	1	1	3	0	(24 hr clock)														

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)																			
Description of Waste	EWC	Quantity of each EWC code received (kg)	Waste Management operation (R & D code)																		
	1 6 0 7 0 9*	9260	D09																		
1 I received the waste at the address given in A4 on:																					
<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td>Date</td><td>2</td><td>7</td><td>1</td><td>1</td><td>2</td><td>0</td><td>2</td><td>3</td> </tr> <tr> <td>Time</td><td>1</td><td>0</td><td>3</td><td>0</td><td colspan="4">(24 hr clock)</td> </tr> </table>				Date	2	7	1	1	2	0	2	3	Time	1	0	3	0	(24 hr clock)			
Date	2	7	1	1	2	0	2	3													
Time	1	0	3	0	(24 hr clock)																
2 Vehicle registration no. (or mode of transport if not road): NK18XVR																					
I certify that waste management licence/permit/authorised exemption no(s):																					
<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td>YR3234XNV0007</td> </tr> </table>				YR3234XNV0007																	
YR3234XNV0007																					
Name: D Forman On behalf of (name, address, postcode, telephone, e-mail, facsimile): AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE																					
Signature: <i>D Forman</i> authorises the management of the waste described in B at the address given in A4.																					
<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td>Date</td><td>2</td><td>7</td><td>1</td><td>1</td><td>2</td><td>0</td><td>2</td><td>3</td> </tr> <tr> <td>Time</td><td>1</td><td>0</td><td>3</td><td>0</td><td colspan="4">(24 hr clock)</td> </tr> </table>				Date	2	7	1	1	2	0	2	3	Time	1	0	3	0	(24 hr clock)			
Date	2	7	1	1	2	0	2	3													
Time	1	0	3	0	(24 hr clock)																

Advice/Waste Transfer Note

Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Huntman Drive
Stockton on Tees
TS2 1UE
Permit No. : EPR/YP3234XRA/002

Phone : 01937 844980
Ticket No: 45896
In / Out: In
Ticket Date: 27/11/2023 16:32:19
Vehicle Reg: NK18XVR
Vehicle Type: Roll On Roll Off
Haulier:
AWSM RECYCLING LTD
A W S M FARMING LTD
LANEHEAD

DL 71F

Carrier Reg: CRDU222650
Account Addr: C001732
Erith Haulage Company Limited
ERITH HOUSE
QUEEN STREET
KENT
DA8 1RP

Waste Type:
Gas Holder Sludge c/w Hydrocarbons

BWC Code: 16 07 08

	Weight KG's	Date	Time
Gross	28120	27/11/2023	16:32
Tare	18060	27/11/2023	16:46
Net	9260		
Measure:	9.26 T		
Gross Ord. No:	NA		
Area:	Manchester		

Consign. Note: ERITHIC/BR007
Transfer No:
Container: Bulk
Bay: PAD - SPGSTN

Job No.: 465841467
Signature on behalf of customer:

Signature for Augean:

Dave Foreman

The Hazardous Waste Regulations 2005:
Consignment Note

43495



PART A Notification details		Sheet	1 of 1
1 Consignment note code: E R I T H C / B R 0 0 5		☐ Complete with [R] for rejected load	
2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile): Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW		3 The waste will be taken to (name, address and postcode): AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE	
4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):		Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP	
PART B Description of the waste		Number of continuation sheets, if used	
1 The process giving rise to the waste(s) was: DEMOLITION			
2 SIC for the process giving rise to the waste: 4 3 . 1 1 /			
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	EWC	Quantity	Component
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS
			TPH
The information given below is to be completed for each EWC identified			
EWC	Packing Group	UN number, Proper Shipping Name(s), and class	Special handling requirements
1 6 0 7 0 9*	n/c	n/c	n/c
PART C Carrier's certificate (If more than one carrier, attach schedule for subsequent carriers)			
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.			
1 Carrier name: AWSM Farming, Lane Head Farm, Lane End, Hutton Magna, Richmond, North Yorkshire, DL11 7HF		On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP	
2 Carrier registration no./reason for exemption: CBDU222650		3 Vehicle registration no. (or mode of transport, if not road): NK18XVR	
Date: 2 1 1 1 2 0 2 3 Time: 0 9 0 0 (24 hr clock)		Signature: James Kennedy	
PART D Consignor's certificate			
I certify that the information in A, B and C above 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			
1 Consignor name: Callum Brayton		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.	
Date: 2 1 1 1 2 0 2 3 Time: 0 9 0 0 (24 hr clock)		On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP	
		Signature: Callum Brayton	
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)			
Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code: accept/reject Waste Management operation (R & D code)
	1 6 0 7 0 9*	10480	D09
1 I received the waste at the address given in A4 on:			
Date: 2 2 1 1 2 0 2 3 Time: 0 7 4 2 (24 hr clock)		Name: D Forman	
2 Vehicle registration no. (or mode of transport if not road): NK18XVR		On behalf of (name, address, postcode, telephone, e-mail, facsimile):	
I certify that waste management licence/permit/authorised exemption no(s):		AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE	
YP32342V0007		authorises the management of the waste described in B at the address given in A4.	
Date: 2 2 1 1 2 0 2 3 Time: 0 8 4 1 (24 hr clock)		Signature:	

**The Hazardous Waste Regulations 2005:
Consignment Note**

43495

Advice/Waste Transfer Note
Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Huntsman Drive
Stockton on Tees
TS2 1UE
Permit No. : EPR/YP3234XR/V002

PART A Notification details Sheet **1** of **1**

1 Consignment note code: **ERITHC / BR005** Complete with [R] for

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):
Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW

3 The waste will be transported by:
AUC

4 The waste producer (name, address, telephone, e-mail, facsimile):

Phone : 01937 844980
Ticket No: 43495
In / Out: In
Ticket Date: 22/11/2023 07:41:52
Vehicle Reg: NK18XVR
Vehicle Type: Roll On Roll Off
Haulier:

**AWSM RECYCLING LTD
A W S M FARMING LTD
LANEHEAD**

**DL17 7JF
Carrier Reg: C8DU222650
Account Addr: C001732
Erith Haulage Company Limited
ERITH HOUSE
QUEEN STREET
KENT
DA8 1RP**

Waste Type:
Gas Holder Sludge c/w Hydrocarbons

EWC Code: 16 07 08*
Weight KG's
Date
Time
Grass 29320 22/11/2023 07:41
Tare 18840 22/11/2023 08:11
Net 10480

Measure: 10.48 T
Cust. Ord. No: NA
Area: Manchester

Consign. Note: ERITHC/BR005
Transfer No:
Container: Bulk
Bay: PAD - SPGSTN

Job No.: 485841465
Signature on behalf of customer:

Signature for Augean:
Dave Foreman

PART B Description of the waste Number of continuation sheets, **1**

1 The process giving rise to the waste(s) was: **DEMOLITION**
2 SIC for the process giving rise to the waste: **43 11**
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	EWC	Quantity	Component	Concentration (% or g/l)
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS	>0.25<10%
			TPH	>0.1 <10%

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

EWC	Packing Group	UN number, Proper Shipping Name(s), and class
1 6 0 7 0 9*	n/c	n/c

PART C Carrier's certificate (If more than one carrier, attach schedule for subsequent carriers)

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.
On behalf of (name, address, mail, facsimile):
1 Carrier name: **AWSM Farming, Lane Head Farm, Lane End, Hutton Magna, Richmond, North Yorkshire, DL11 7HF**
2 Carrier registration no./reat
3 Vehicle registration no. (or road):
Signature:

PART D Consignor's certificate

I certify that the information in A, B and C above is correct, that the carrier is registered or exempt and was advised of the appropriate precautions. The carrier has been advised of any
I confirm that I have full authority to sign this certificate on behalf of the waste producer (England and Wales)
On behalf of (name, address, telephone, e-mail, facsimile):
1 Consignor name: **Callum Brayton**
Signature:

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 identified)

Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code accepted/rejected
	1 6 0 7 0 9*	10480	

1 I received the waste at the address given in A4 on:
Date: **22/11/2023**
Time: **07:42** (24 hr clock)
Name: **DF**
2 Vehicle registration no. (or mode of transport if not road): **NK18XVR**
On behalf of (name, address, telephone, e-mail, facsimile):
AUGEAN, PORT CLARENCE
I certify that waste management licence/permit/authorised exemption no(s):
YP3234XR/V0007
authorises the management of the waste at the address given in A4.
Date: **22/11/2023**
Time: **08:11** (24 hr clock)
Signature:

**The Hazardous Waste Regulations 2005:
Consignment Note**



42160

PART A Notification details		Sheet	1	of	1
1 Consignment note code: E R I T H C / B R O O 4 ☐ Complete with [R] for rejected load					
2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile): Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW			3 The waste will be taken to (name, address and postcode): AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE		
4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):			Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP		

PART B Description of the waste		Number of continuation sheets, if used	
1 The process giving rise to the waste(s) was: DEMOLITION			
2 SIC for the process giving rise to the waste: 4 3 . 1 1 /			
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	EWC	Quantity	Component
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS
			TPH
			Concentration (% or mg/kg)
			>0.25<10%
			>0.1 <10%
			Physical Form
			SOLID
			Hazard code(s)
			HP10 HP14
			HP7 HP11
			Container (size/type)
			Roro Bin

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

EWC	Packing Group	UN number, Proper Shipping Name(s), and class	Special handling requirements
1 6 0 7 0 9*	n/c	n/c	n/c

PART C Carrier's certificate		(If more than one carrier, attach schedule for subsequent carriers)	
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.		On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP	
1 Carrier name: AWSM Farming, Lane Head Farm, Lane End, Hutton Magna, Richmond, North Yorkshire, DL11 7HF		2 Carrier registration no./reason for exemption: CBDU222650	
Date 1 7 1 1 2 0 2 3 Time (24 hr clock)		3 Vehicle registration no. (or mode of transport, if not road): NK18XVR Signature	

PART D Consignor's certificate	
I certify that the information in A, B and C above 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	
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.	
On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP	
1 Consignor name: Callum Brayton Date 1 7 1 1 2 0 2 3 Time (24 hr clock)	
Signature Callum Brayton	

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)	
Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code accepted/rejected
	1 6 0 7 0 9*	7300	✓
1 I received the waste at the address given in A4 on: Date 1 7 1 1 2 0 2 3 Time 1 5 5 0 (24 hr clock)		Name: IM Pitside	
2 Vehicle registration no. (or mode of transport if not road): I certify that waste management licence/permit/authorised exemption no(s):		On behalf of (name, address, postcode, telephone, e-mail, facsimile): AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE	
7300		authorises the management of the waste described in B at the address given in A4.	
Date 1 7 1 1 2 0 2 3 Time 1 6 5 3 (24 hr clock)		Signature	

**Advice/Waste Transfer Note**

Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Huntsman Drive
Stockton on Tees
TS2 1UE

Permit No.: EPRN/YP3234XR/V002

Phone: 01937 844880

Ticket No: 42160

In / Out: In

Ticket Date: 17/11/2023 15:51:00

Vehicle Reg: NK18XVR

Vehicle Type: Roll On Roll Off

Hauler:

AWSM RECYCLING LTD

A W S M FARMING LTD

LANEHEAD

DL11 7HF

Carrier Reg: CBDU222650

Account Addr: C001732

Erith Haulage Company Limited

ERITH HOUSE

QUEEN STREET

KENT

DAB TRP

Waste Type:

Gas Holder Sludge c/w Hydrocarbons

EWPR: 16 07 08*

	Weight KG's	Date	Time
Gross	26590	17/11/2023	15:51
Net	19260	17/11/2023	16:53
Diff	7330		

Measure: 7.30 T

Cust. Ord. No: NA

Area: Manchester

Consign. Note: ERITHO/BR004

Transfer No:

Container: Bulk

Bay: FAD - SPGSTN

Job No.: 4658/41463

Signature on behalf of customer:

Signature for Augean:

Michaelpostgate

**The Hazardous Waste Regulations 2005:
Consignment Note**



41822

PART A Notification details		Sheet	1	of	1																		
1 Consignment note code:		E R I T H C / B R O O 3		☐ Complete with [R] for rejected load																			
2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile): Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW		3 The waste will be taken to (name, address and postcode): AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE																					
		4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP																					
PART B Description of the waste		Number of continuation sheets, if used																					
1 The process giving rise to the waste(s) was:		DEMOLITION																					
2 SIC for the process giving rise to the waste:		4 3 . 1 1 /																					
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	EWC	Quantity	Component	Concentration (% or mg/kg)	Physical Form																		
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS	>0.25<10%	SOLID																		
			TPH	>0.1 <10%																			
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">EWC</th> <th style="width: 10%;">Packing Group</th> <th style="width: 20%;">UN number, Proper Shipping Name(s), and class</th> <th style="width: 50%;">Special handling requirements</th> </tr> </thead> <tbody> <tr> <td>1 6 0 7 0 9*</td> <td>n/c</td> <td>n/c</td> <td>n/c</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>						EWC	Packing Group	UN number, Proper Shipping Name(s), and class	Special handling requirements	1 6 0 7 0 9*	n/c	n/c	n/c										
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PART C Carrier's certificate		(If more than one carrier, attach schedule for subsequent carriers)																					
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.		On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP																					
1 Carrier name: AWSM Farming, Lane Head Farm, Lane End, Hutton Magna, Richmond, North Yorkshire, DL11 7HF		2 Carrier registration no./reason for exemption: CBDU222650																					
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">Date</td> <td style="width: 10%;">1</td> <td style="width: 10%;">7</td> <td style="width: 10%;">1</td> <td style="width: 10%;">1</td> <td style="width: 10%;">2</td> <td style="width: 10%;">0</td> <td style="width: 10%;">2</td> <td style="width: 10%;">3</td> </tr> <tr> <td>Time</td> <td>0</td> <td>6</td> <td>3</td> <td>5</td> <td colspan="4">(24 hr clock)</td> </tr> </table>		Date	1	7	1	1	2	0	2	3	Time	0	6	3	5	(24 hr clock)				3 Vehicle registration no. (or mode of transport, if not road): NK18XVR Signature: JAMES KENNEDY			
Date	1	7	1	1	2	0	2	3															
Time	0	6	3	5	(24 hr clock)																		
PART D Consignor's certificate																							
I certify that the information in A, B and C above 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		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.																					
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Time	0	6	3	5	(24 hr clock)																		
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Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste Management operation (R & D code)																			
	1 6 0 7 0 9*	5260	✓	105																			
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Date	1	7	1	1	2	0	2	3															
Time	0	9	1	8	(24 hr clock)																		
2 Vehicle registration no. (or mode of transport if not road):		On behalf of (name, address, postcode, telephone, e-mail, facsimile): AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE																					
I certify that waste management licence/permit/authorised exemption no(s).		authorises the management of the waste described in B at the address given in A4.																					
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Date	1	7	1	1	2	0	2	3															
Time	0	9	1	8	(24 hr clock)																		

Augean

Advice/Waste Transfer Note

Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Huntman Drive
Stockton on Tees
TS2 1UE
Permit No.: EPR/YF3234XR/Y002

Phone: 01937 844080
Ticket No: 41822
In / Out: In
Ticket Date: 17/11/2023 09:15:04
Vehicle Reg: NK18XVR
Vehicle Type: Roll On Roll Off
Haulier:

AWSM RECYCLING LTD
A W S M FARMING LTD
LANEHEAD

DL11 7HF

Carrier Reg: OSBU222650

Account Addr: C001732

Erith Haulage Company Limited

ERITH HOUSE

QUEEN STREET

KENT

DAB TRP

Waste Type:

Gas Holder Sludge c/w Hydrocarbons

EWC Code: 16 07 08*

	Weight KG's	Date	Time
Gross	24740	17/11/2023	09:15
Tare	18400	17/11/2023	09:30
Net	6280		

Measure: 6.26 T

Crat. Ont. No: NA

Area: Manchester

Consign. Note: ERITHC/SR003

Transfer No:

Container: Bulk

Bay: PAD - SPGSTN

Job No.: 4658/41462

Signature on behalf of customer:

Signature for Augean:

Michael Postgate

**Advice/Waste Transfer Note**

Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Hunnam Drive
Stockton on Tees
TS2 1UE
Permit No.: EPR/YP0234XR/V002

Phone: 01937 844850

Ticket No: 41571
In / Out: In
Ticket Date: 16/11/2023 14:42:07
Vehicle Reg: NK18XVR
Vehicle Type: Roll On Roll Off
Handler:

AWSM RECYCLING LTD
A W S M FARMING LTD
LANEHEAD

DL11 7HF

Carrier Reg: CBDU222650

Account Addr: C001732
ERITH Heritage Company Limited
ERITH HOUSE
QUEEN STREET
KENT
DA8 1RF

Waste Type:
Gas Holder Sludge c/w Hydrocarbons

EWC Code: 18 07 09*

	Weight KG's	Date	Time
Gross	26530	16/11/2023	14:42
Tare	18040	16/11/2023	15:08
Net	9020		

Measure: 9.92 T
Cust. Ord. No: NA
Area: Manchester

Consign. Note: ERITHC/BR002**Transfer No:****Container:** Bulk**Bay:** PAD - SPG8TN**Job No.:** 465841461**Signature on behalf of customer:****Signature for Augean:**

Dave Foreman

The Hazardous Waste Regulations 2005:
Consignment Note

43258



PART A Notification details																																									
1 Consignment note code: E R I T H C / B R 0 0 1 2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile): Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW 3 The waste will be taken to (name, address and postcode): AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE 4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP																																									
1 The process giving rise to the waste(s) was: DEMOLITION 2 SIC for the process giving rise to the waste: 4 3 . 1 1 / 3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified) <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Description of Waste</th> <th>EWC</th> <th>Quantity</th> <th>Component</th> <th>Concentration (% or mg/kg)</th> <th>Physical Form</th> <th>Hazard code(s)</th> <th>Container (size/type)</th> </tr> </thead> <tbody> <tr> <td>Gas Holder Sludge</td> <td>1 6 0 7 0 9*</td> <td>8000kg</td> <td>HEAVY METALS</td> <td>>0.25<10%</td> <td>SOLID</td> <td>HP10 HP14</td> <td>Tanker</td> </tr> <tr> <td></td> <td></td> <td></td> <td>TPH</td> <td>>0.1 <10%</td> <td></td> <td>HP7 HP11</td> <td></td> </tr> </tbody> </table> The information given below is to be completed for each EWC identified <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>EWC</th> <th>Packing Group</th> <th>UN number, Proper Shipping Name(s), and class</th> <th>Special handling requirements</th> </tr> </thead> <tbody> <tr> <td>1 6 0 7 0 9*</td> <td>n/c</td> <td>n/c</td> <td>n/c</td> </tr> </tbody> </table> Number of continuation sheets, if used: 										Description of Waste	EWC	Quantity	Component	Concentration (% or mg/kg)	Physical Form	Hazard code(s)	Container (size/type)	Gas Holder Sludge	1 6 0 7 0 9*	8000kg	HEAVY METALS	>0.25<10%	SOLID	HP10 HP14	Tanker				TPH	>0.1 <10%		HP7 HP11		EWC	Packing Group	UN number, Proper Shipping Name(s), and class	Special handling requirements	1 6 0 7 0 9*	n/c	n/c	n/c
Description of Waste	EWC	Quantity	Component	Concentration (% or mg/kg)	Physical Form	Hazard code(s)	Container (size/type)																																		
Gas Holder Sludge	1 6 0 7 0 9*	8000kg	HEAVY METALS	>0.25<10%	SOLID	HP10 HP14	Tanker																																		
			TPH	>0.1 <10%		HP7 HP11																																			
EWC	Packing Group	UN number, Proper Shipping Name(s), and class	Special handling requirements																																						
1 6 0 7 0 9*	n/c	n/c	n/c																																						
PART C Carrier's certificate (if more than one carrier, attach schedule for subsequent carriers)																																									
I certify that I have collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements: 1 Carrier name: Altonlord LTD, GeeDes Plant, Graythorpe Industrial Estate, Hartlepool, TS25 2DF Date: 1 5 1 1 2 0 2 3 Time: 1 2 4 0 (24 hr clock) On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP 2 Carrier registration no./reason for exemption: CBDU87384 3 Vehicle registration no. (or mode of transport, if not road): NX68CEJ Signature:																																									
PART D Consignor's certificate																																									
I certify that the information in A, B and C above 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 1 Consignor name: Callum Brayton Date: 1 5 1 1 2 0 2 3 Time: 1 2 4 0 (24 hr clock) 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. On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP Signature:																																									
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	1 6 0 7 0 9*	7740		DD9																																					



Advice/Waste Transfer Note

Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Huntsman Drive
Stockton on Tees
TS2 1UE
Permit No. : EPR/YP3234XR/V002

Ticket No: 43258
In / Out: In
Ticket Date: 21/11/2023 14:08:53
Vehicle Reg: NX68CEJ
Vehicle Type: Tanker
Haulier:

GEE DEE PLANT HIRE (ALIONLORD LIMITED)
GEEDEE PLANT
GRAYTHORP INDUSTRIAL ESTATE
HILL LEPOOL
TS25 2DF

Carrier Ref: CHDU87384
Account Addr: C001732
Erith Haulage Company Limited
ERITH HOUSE
QUEEN STREET
KENT
DA6 1RP

Waste Type:
Gas Holder Sludge c/w Hydrocarbons

EWG Code: 16 07 09*

	Weight KG's	Date	Time
Gross	24480	21/11/2023	14:08
Tare	19580	21/11/2023	14:47
N	7740		

Measure: 7.74 T
Cust. Ord. No: NA
Area: Manchester

Consign. Note: ERITH/BR001
Transfer No:
Container: Bulk
Bay: PAD - SPGSTN

Job No.: 485641434
Signature on behalf of customer:

Signature for Augean:

David Foreman

**The Hazardous Waste Regulations 2005:
Consignment Note**

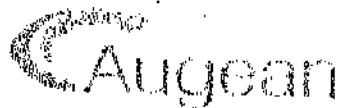
25920

50435



PART A Notification details		Sheet 1 of 1																		
1 Consignment note code: ERITHC/BRO16		☐ Complete with [X] for rejected load																		
2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile): Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW		3 The waste will be taken to (name, address and postcode): AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE																		
		4 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP																		
PART B Description of the waste		Number of continuation sheets, if used																		
1 The process giving rise to the waste(s) was: DEMOLITION																				
2 SIC for the process giving rise to the waste: 43111																				
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	EWC	Quantity	Component																	
Gas Holder Sludge	1 6 0 7 0 9*	8000kg	HEAVY METALS																	
			TPH																	
			>0.25<10%																	
			>0.1 <10%																	
			HP7 HP11																	
			Roro Bin																	
The information given below is to be completed for each EWC identified																				
EWC		Packing Group	UN number, Proper Shipping Name(s), and class																	
1 6 0 7 0 9*		n/c	n/c																	
PART C Carrier's certificate		(if more than one carrier, attach schedule for subsequent carriers)																		
1 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.		On behalf of (name, address, postcode, telephone, e-mail, facsimile): Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP																		
1 Carrier name: Altonford LTD, GasDec Plant, Graythorpe Industrial Estate, Harrogate, TS28 2DP		2 Carrier registration no./reason for exemption: CEBU87384																		
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Date</td> <td>0</td><td>7</td><td>1</td><td>2</td><td>0</td><td>2</td><td>3</td> </tr> <tr> <td>Time</td> <td>1</td><td>3</td><td>3</td><td>0</td> <td colspan="4">(24 hr clock)</td> </tr> </table>		Date	0	7	1	2	0	2	3	Time	1	3	3	0	(24 hr clock)				3 Vehicle registration no. for mode of transport, if not road: NX68 CEJ	
Date	0	7	1	2	0	2	3													
Time	1	3	3	0	(24 hr clock)															
		Signature <i>[Signature]</i> Lewis Humble																		
PART D Consignor's certificate																				
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Date	0	7	1	2	0	2	3													
Time	1	3	3	0	(24 hr clock)															
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)																		
Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code accepted/rejected																	
	1 6 0 7 0 9*	9040																		
			Waste Management operation (R & D code): D09																	
1 I received the waste at the address given in A4 on:		Name: DForner																		
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Date</td> <td>0</td><td>7</td><td>1</td><td>2</td><td>0</td><td>2</td><td>3</td> </tr> <tr> <td>Time</td> <td>1</td><td>6</td><td>8</td><td>2</td> <td colspan="4">(24 hr clock)</td> </tr> </table>		Date	0	7	1	2	0	2	3	Time	1	6	8	2	(24 hr clock)				On behalf of (name, address, postcode, telephone, e-mail, facsimile): AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE	
Date	0	7	1	2	0	2	3													
Time	1	6	8	2	(24 hr clock)															
2 Vehicle registration no. (or mode of transport if not road): NX68 CEJ																				
1 I certify that waste management licence/permit/authorised exemption (note):		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">YR3234XN4000 1</td> </tr> </table>		YR3234XN4000 1																
YR3234XN4000 1																				
		authorises the management of the waste described in B at the address given in A4.																		
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Date	0	7	1	2	0	2	3													
Time	1	6	2	8	(24 hr clock)															

(Waste transfer 3.81)



Advice/Notice Transfer Note
Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Hurlingham Drive
Stockton on Tees
TS12 1UU
Permit No.: EPR/V1234567/V002

Phone: 01937 841000
Ticket No: 50436
In / Out: In
Ticket Date: 07/12/2023 10:08:04
Vehicle Reg: NX68CEJ
Vehicle Type: Tanker
Haulier:
GEE DEE PLANT HIRE (A/T) (CONS) LIMITED
GEE DEE PLANT
GRAYTHORP INDUSTRIAL ESTATE
HARTLEPOOL
TS26 2DF
Garage Reg: CB0187304
Account Addr: 0001732
Erith Haulage Company Limited
ERITH HOUSE
QUEEN STREET
KENT
DA8 1RE

Waste Type:
Gas Holder Shells w/ Hydrocarbons

EWC Code: 16 07 00

	Weight KG's	Date	Time
Gross	25020	07/12/2023	10:08
Zero	10000	07/12/2023	10:28
Net	15020		

Manures: 9.04 T
Cust. Ord. No: NA
Area: Main Haulier

Consign. Note: ERITH HOUSE
Transfer No:
Containers: Bulk
Bay: PAD - STOCKTON

Job No: 4055-50433
Signature on behalf of customer:

Signature for Augean:

Dave Foran

The Hazardous Waste Regulations 2005:
Consignment No.

49513



PART A Notification details

Sheet

1 of 1

1 Consignment note code:

ERITHC / BR015

Complete with [R] for rejected load

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW

3 The waste will be taken to (name, address and postcode):

AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE

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

Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP

PART B Description of the waste

Number of continuation sheets, if used

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

DEMOLITION

2 SIC for the process giving rise to the waste:

43.11

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	EWC	Quantity	Component	Concentration (% or mg/kg)	Physical Form	Hazard code(s)	Container (size/type)
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS	>0.25<10%	SOLID	HP10 HP14	Roro Bin
			TPH	>0.1 <10%		HP7 HP11	

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

EWC	Packing Group	UN number, Proper Shipping Name(s), and class	Special handling requirements
1 6 0 7 0 9*	n/c	n/c	n/c

PART C Carrier's certificate

(If more than one carrier, attach schedule for subsequent carriers)

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.

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

Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP

1 Carrier name:

AWSM Farming, Lane Head Farm, Lane End, Hutton Magna, Richmond, North Yorkshire, DL11 7HF

2 Carrier registration no./reason for exemption:

CBDU222650

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

NK18XVR

Signature

Date	0	6	1	2	2	0	2	3
Time	0	6	5	5	(24 hr clock)			

PART D Consignor's certificate

I certify that the information in A, B and C above 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

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.

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

Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP

1 Consignor name: Callum Brayton

Signature

Callum Brayton

Date	0	6	1	2	2	0	2	3
Time	0	6	5	5	(24 hr clock)			

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)

Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste Management operation (R & D code)
	1 6 0 7 0 9*	5140		D09

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

Date	0	6	1	2	2	0	2	3
Time	1	0	0	0	(24 hr clock)			

Name:

D Foran

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

NK18XVR

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

AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE

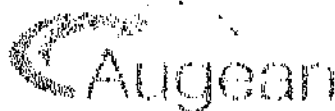
I certify that waste management licence/permit/authorised exemption no(s):

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

Date	0	6	1	2	2	0	2	3
Time	1	1	0	0	(24 hr clock)			

Signature

R



Advice/Waste Transfer Note

Augean Treatment Ltd
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Humberston Drive
Stockport on Tees
TY2 1UU
Permit No.: EPRYP023-EXRM002

Phone: 01937 844880

Ticket No: 48513
In / Out: In
Ticket Date: 06/12/2023 10:19:48
Vehicle Reg: NR18XVR
Vehicle Type: Roll On Roll Off
Handler:

AWBM RECYCLING LTD
A W B M FARMING LTD
LANEHEAD

CLIENT

Carrier Reg: GB00222650
Account Addr: C001732
Earth Haulage Company Limited
EARTH HOUSE
QUEEN STREET
KENT
DA8 1RP

Waste Type:

Css (holder) Sludge c/w Hydrocarbons

BWC Code: 16 07 08*

	Weight (kg)	Date	Time
Gross	24740	06/12/2023	10:19
Net	10000	06/12/2023	10:19
Net	14740		

Measure: 5.14 T
Cust. Ord. No: NA
Area: Manchester

Consign. Note: EARTH/06016
Transfer No:
Container: Bulk
Bay: PAL - SP051N

Job No.: 485848461
Signature on behalf of customer:

Signature for Augean:

David Gannon

48186



E	R	I	T	H	C	/	B	R	0	1	2
---	---	---	---	---	---	---	---	---	---	---	---

Complete with [R] for rejected load

Erith Haulage Ltd, Erith House,
Queen St. ERITH DA8 1RP

Number of continuation sheets, if used

4	3	.	1	1	/	
---	---	---	---	---	---	--

(If more than one carrier, attach schedule for subsequent carriers)

Ashley Burnham

Signature _____

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

Name: _____

N468CEJ

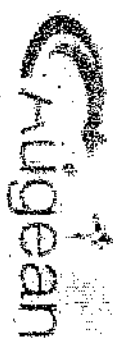
AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE

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

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

Date	D	0	4	M	2	2	0	Y	U	3
Time	H	6	2	M	5	4	(24 hr clock)			

Signature _____



Advice/Waste Transfer Note

AUGUEAN Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Hurdman Drive
Stockton on Tees
TS2 1UE
Permit No. : EPR/NP0234XFAV002

Phone : 01937 844880

Ticket No: 48186

In / Out: In

Ticket Date: 04/12/2023 07:19:45

Vehicle Reg: NX88CEJ

Vehicle Type: Tanker

Handler:

GEE DEE PLANT HIRE (ALTON/LORD LIMITED)

GEEDDEE PLANT

GRAYTHORP INDUSTRIAL ESTATE

HARTLEPOOL

TS25 2DF

Carrier Reg: CEDU87384

Account Addr: CDD1792

Esch Haulage Company Limited

ERITH HOUSE

QUEEN STREET

KENT

RA8 1RP

Waste Type:

Gas Holder Sludge c/w Hydrocarbons

EWIC Code: 16 07 08*

Weight kg's	Date	Time
Gross 30680	04/12/2023	07:19
Tare 18400	04/12/2023	07:53
Net 12280		
Measure: 12.08 T		
Cust. Ord. No: NA		
Area: Manchester		

The Hazardous Waste Regulations 2005:
Consignment Note

43859



PART A Notification details

Sheet

1 of 1

1 Consignment note code:

ERITHC / BR006

Complete with [R] for rejected load

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

Bradford Road Gas Holder Site, Bradford Road, Manchester M40 7BW

3 The waste will be taken to (name, address and postcode):

AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE

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

Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP

PART B Description of the waste

Number of continuation sheets, if used

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

DEMOLITION

2 SIC for the process giving rise to the waste:

43 11 /

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	EWC	Quantity	Component	Concentration (% or mg/kg)	Physical Form	Hazard code(s)	Container (size/type)
Gas Holder Sludge	1 6 0 7 0 9*	15000kg	HEAVY METALS	>0.25<10%	SOLID	HP10 HP14	Roro Bin
			TPH	>0.1 <10%		HP7 HP11	

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

EWC	Packing Group	UN number, Proper Shipping Name(s), and class	Special handling requirements
1 6 0 7 0 9*	n/c	n/c	n/c

PART C Carrier's certificate

(If more than one carrier, attach schedule for subsequent carriers)

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

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

Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP

1 Carrier name:

Altenlord LTD, GeeDee Plant, Graythorpe Industrial Estate, Hartlepool, TS25 2DF

2 Carrier registration no./reason for exemption:

CBDU87384

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

C0257

Signature

Evan Edwards

PART D Consignor's certificate

I certify that the information in A, B and C above 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

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.

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

Erith Haulage Ltd, Erith House, Queen St, ERITH DA8 1RP

1 Consignor name: Callum Brayton

Date 2 2 1 1 2 0 2 3
Time 0 8 1 5 (24 hr clock)

Signature

Callum Brayton

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)

Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste Management operation (R & D code)
	1 6 0 7 0 9*	3800		DOA

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

Date 2 2 1 1 2 0 2 3
Time 1 2 1 3 (24 hr clock)

Name:

Dforeman

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

C0257

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

AUGEAN, PORT CLARENCE, off Huntsman Drive, MIDDLESBROUGH TS2 1UE

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

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

Date 2 2 1 1 2 0 2 3
Time 1 1 1 1 1 1 (24 hr clock)

Signature

**Advice/Waste Transfer Note**

Augean Treatment Ltd.
Port Clarence Waste Recovery Park
Port Clarence Landfill Site
Off Humberston Drive
Stockton on Tees
TS2 1UE
Permit No: EPR/YP3234XR/V002

Phone: 01837 644880

Ticket No: 43650

In / Out: In

Ticket Date: 22/11/2023 12:12:33

Vehicle Reg: CO257

Vehicle Type: Tanker

Haulier:

GEE DEE PLANT HIRE (ALTONLORD LIMITED)

GEEDEE PLANT

GRAYTHORP INDUSTRIAL ESTATE

HARTLEPOOL

TS26 2DF

Carrier Reg: CBDU67384

Account Addr: C001732

Erith Haulage Company Limited

ERITH HOUSE

QUEEN STREET

KENT

DA8 1RP

Waste Type:

Gas Holder Sludge c/w Hydrocarbons

EWG Code: 18 07 09*

	Weight KG's	Date	Time
Gross	20020	22/11/2023	12:12
Tare	10970	22/11/2023	12:45
Net	9050		

Measure: 3.60 T

Inst. Ord. No: NA

Area: Manchester

Consign. Note: ERITH/BR006

Transfer No:

Container: Bulk

Bay: PAD - SPGSTN

Job No.: 4658/41468

Signature on behalf of customer:

Signature for Augean:

Dave Foran

Appendix F. WRAP and Re-Use Certificates



F.1 Chartrange



TEST REPORT

Client Chartrange Ltd

Address Wharf Street
Dukinfield
Cheshire
SK16 4NJ

Contract Wharf Street,
Dukinfield

Job Number MRN 24009/40

Date of Issue 21 June 2024

Page 1 of 3

Approved Signatories

S J Hutchings, O P Davies

Notes

- 1 All remaining samples and remnants from this contract will be disposed 28 days from the date of this report unless you notify us to the contrary.
- 2 Result certificates, in this report, not bearing a UKAS mark, are not included in our UKAS accreditation schedule.
- 3 Opinions and interpretations expressed herein are outside the scope of our UKAS accreditation.
- 4 Certified that the samples have been examined and tested in accordance with the terms of the contract/order and unless otherwise stated conform to the standards/specifications quoted.
- 5 The results included within the report are representative of the samples submitted for analysis.
- 6 This certificate should not be reproduced, except in full, without the express permission of the laboratory.



Andrew House, Hadfield Street, Dukinfield, Cheshire SK16 4QX Tel: 0161 475 0870
Email: enquiries@murrayrix.com Website: www.murrayrix.com

Also at: London: 020 8523 1999

Murray Rix is the trading name of Murray Rix (Northern) Limited. Registered in England 2878361

TEST CERTIFICATE
PARTICLE SIZE DISTRIBUTION

BS EN ISO 17892-4:2016

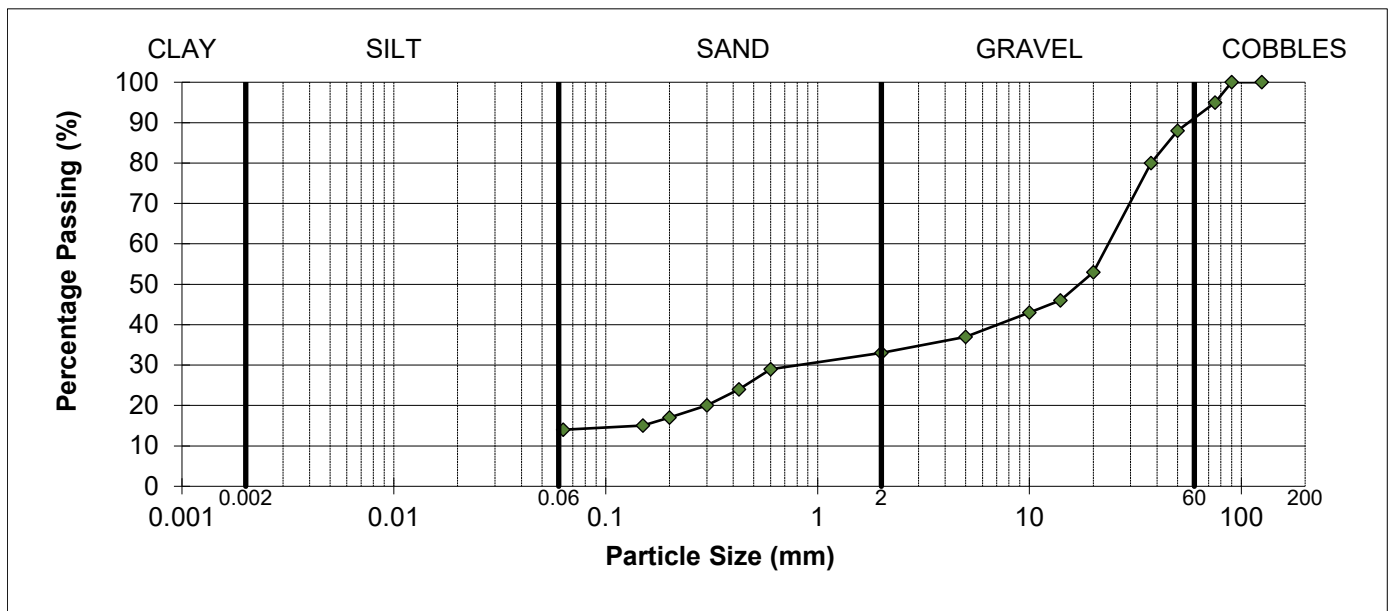
Determination of Water Content in accordance with BS EN ISO 17892-1:2014+A1:2022 (Oven Dry)

CLIENT	Chartrange Ltd
SITE	Wharf Street, Dukinfield
JOB NUMBER	MRN 24009/40

SAMPLE LABEL	15/05/2024/DB-1A Fill - 01	DATE SAMPLED	15-May-24
LAB SAMPLE No	476001	DATE RECEIVED	15-May-24
DATE TESTED	16-May-24	SAMPLED BY	Murray Rix

MATERIAL	General Fill
ADVISED SOURCE	As client and site above

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	95-100	5	37	
90	100		2	33	
75	95		0.6	29	
50	88		0.425	24	
37.5	80		0.3	20	
20	53		0.2	17	
14	46		0.15	15	
10	43		0.063	14	<15



REMARKS

As received water content = 11.3%

Sample complies with the advised grading specification for a 1A material (SHW 2016), Uniformity coefficient = >10

SIGNED



NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

21-Jun-24

TEST CERTIFICATE
PARTICLE SIZE DISTRIBUTION

BS EN ISO 17892-4:2016

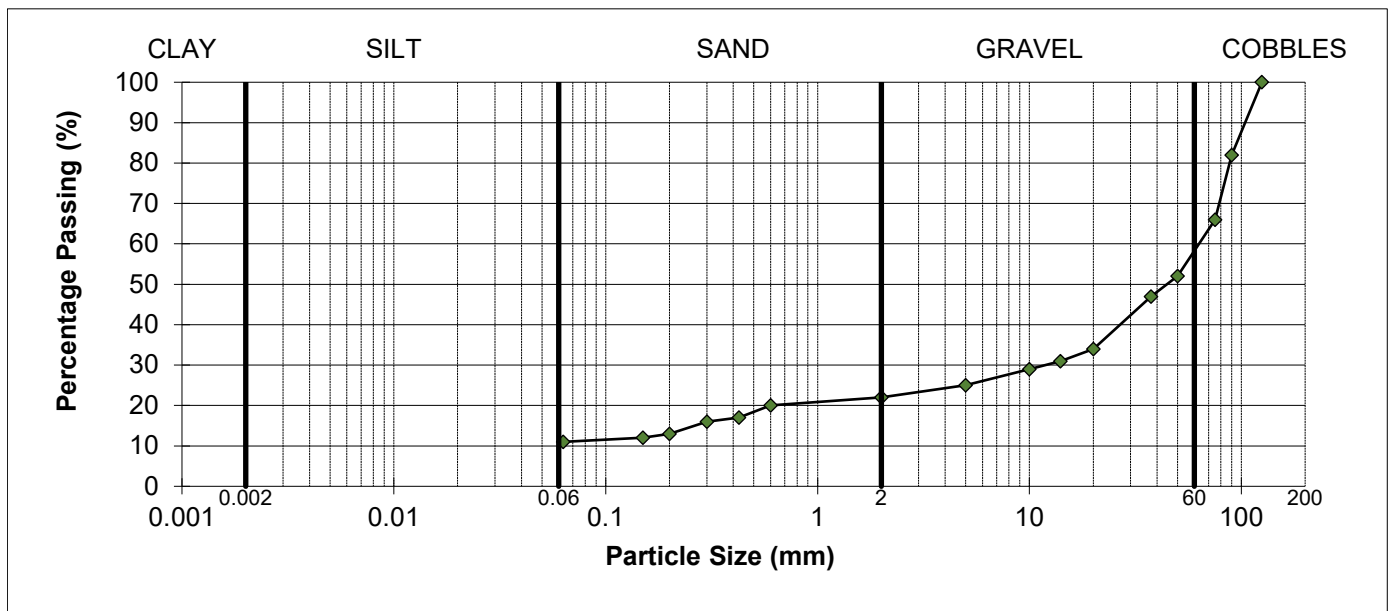
Determination of Water Content in accordance with BS EN ISO 17892-1:2014+A1:2022 (Oven Dry)

CLIENT	Chartrange Ltd
SITE	Wharf Street, Dukinfield
JOB NUMBER	MRN 24009/40

SAMPLE LABEL	15/05/2024/DB-6F2 - 01	DATE SAMPLED	15-May-24
LAB SAMPLE No	476002	DATE RECEIVED	15-May-24
DATE TESTED	16-May-24	SAMPLED BY	Murray Rix

MATERIAL	Crush
ADVISED SOURCE	As client and site above

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	100	5	25	10-45
90	82	80-100	2	22	
75	66	65-100	0.6	20	0-25
50	52		0.425	17	
37.5	47	45-100	0.3	16	
20	34		0.2	13	
14	31		0.15	12	
10	29	15-60	0.063	11	0-12



REMARKS

As received water content = 10.6%

Sample complies with the advised grading specification for a 6F2 material (SHW 2016)

SIGNED



NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

21-Jun-24

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Peel NRE Limited

Port Salford Aggregate Recycling Facility
Liverpool Road
Eccles
M30 7RX

Permit number

EPR/JB3308GN

Port Salford Aggregate Recycling Facility

Permit number EPR/JB3308GN

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

The site is located on land at Port Salford, Liverpool Road in Eccles.

The immediate surrounding area is mixed use with City Airport Manchester to the North of the site.

Waste treatment activities include the manual/mechanical segregation, screening and washing of non-hazardous waste streams from construction and demolition projects. The site will accept and process up to 250,000 tonnes per annum. The activities on site are being undertaken to facilitate recovery of the treated wastes.

The status log of the permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	Date	Comments
Application EPR/JB3308GN/A001	Duly made 22/04/20	Application for inert waste physico-chemical treatment facility
Response to Schedule 5 notice dated 11/09/20	09/10/20	Revised Noise Management Plan, Dust Management Plan and information relating to quality protocols.
Response to request for further information dated 16/12/20	18/12/20	Revised Operational Plan and Site Location Plan.
Permit determined EPR/JB3308GN	03/02/21	Permit issued to Peel NRE Limited.

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/JB3308GN

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016

Peel NRE Limited ("the operator"),

whose registered office is

Venus Building 1 Old Park Lane

Traffordcity

Manchester

M41 7HA

company registration number 05060255

to operate waste operations at

Port Salford Aggregate Recycling Facility

Liverpool Road

Eccles

M30 7RX

to the extent authorised by and subject to the conditions of this permit.

Name	Date
Helen Marston	03/02/2021

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
 - (b) using sufficient competent persons and resources.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.
- 1.1.4 The operator shall comply with the requirements of an approved competence scheme.

1.2 Avoidance, recovery and disposal of wastes produced by the activities

- 1.2.1 The operator shall take appropriate measures to ensure that:
- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
 - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
 - (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.
- 1.2.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

1.3 Climate change

- 1.3.1 The operator shall review and if appropriate update, at least every 4 years, the climate change adaptation risk assessment submitted with the permit application, and shall update the written management system as appropriate.

2 Operations

2.1 Permitted activities

- 2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).

2.2 The site

- 2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 7 to this permit.

2.3 Operating techniques

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation ("plan") specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 table S2.1; and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.

2.4 Improvement programme

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

2.5 Pre-operational conditions

- 2.5.1 The activities shall not be brought into operation until the measures specified in schedule 1 table S1.4 have been completed.

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 table S3.1.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.

3.2 Emissions of substances not controlled by emission limits

- 3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

3.3 Odour

- 3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used

appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.

3.3.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;
- (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.4 Noise and vibration

3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.5 Monitoring

3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:

- (a) point source emission specified in table S3.1;

3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.

3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3, table S3.1, unless otherwise agreed in writing by the Environment Agency.

3.6 Pests

3.6.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.

3.6.2 The operator shall:

- (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution, hazard or annoyance from pests;
- (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

4 Information

4.1 Records

4.1.1 All records required to be made by this permit shall:

- (a) be legible;
- (b) be made as soon as reasonably practicable;
- (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
- (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
 - (i) off-site environmental effects; and
 - (ii) matters which affect the condition of the land and groundwater.

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.2.2 Within one month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:

- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
- (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.2 ; and
- (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.3 Notifications

4.3.1 The Environment Agency shall be notified without delay following the detection of:

- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution;
- (b) the breach of a limit specified in the permit; or
- (c) any significant adverse environmental effects.

4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this

information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

- 4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

- (a) any change in the operator's name or address; and
- (b) any steps taken with a view to the dissolution of the operator.

In any other case:

- (a) the death of any of the named operators (where the operator consists of more than one named individual);
- (b) any change in the operator's name(s) or address(es); and
- (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

- 4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

- (a) the Environment Agency shall be notified at least 14 days before making the change; and
- (b) the notification shall contain a description of the proposed change in operation.

4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "without delay", in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 activities	
Description of activities for waste operations	Limits of activities
R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes) R4: Recycling/reclamation of metals and metal compounds R5: Recycling/reclamation of other inorganic materials R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)	Treatment consisting only of washing, sorting, separation, screening, grading, or crushing waste into different components for the purposes of recovery. Treatment of slags and ashes for recovery shall not exceed 75 tonnes per day. Subject to any other requirements of this permit wastes shall be stored for no longer than 3 years prior to recovery. All waste shall be stored and treated on impermeable surface with controlled drainage.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	Sector Guidance Notes S5.06 as referenced in section 3a, Table 3a – Technical Standards, Part B4 of the application form.	22/04/2020
Response to Schedule 5 Notice dated 11/09/2020	Noise Management Plan, reference 193237/NMP, revision A, dated October 2020	09/10/2020
Response to Schedule 5 Notice dated 11/09/2020	Dust Emissions Management Plan, reference 193237/DMP, revision D, dated October 2020	09/10/2020
Response to Request for further Information dated 16/12/2020	Operational Plan, reference 193237/OP, dated December 2020 Section 3 'Waste Management Operations' Section 4.2 'Process water, site run-off and discharges to land, controlled water and sewer' Appendix A 'Pre-Acceptance Controls' Appendix B 'Point of recovery and Environmental Testing' Appendix C 'Detailed Drainage Strategy' Appendix E 'SuDS Maintenance and Management Plan'	18/12/2020

Table S1.3 Improvement programme requirements						
Reference	Requirement				Date	
IC1	The Operator shall, for the first 12 months of operation, carry out monthly monitoring of the lagoon waters and sludges and shall monitor every discharge to Salteye Brook from the surface water lagoon discharge point. The substances to be monitored and the required limits of detection for analysing the samples are shown in the table below:				03/02/2022 or otherwise agreed in writing by the Environment Agency	
	IC1 Table of Pollutants					
	Pollutant	Limit of Detection Waters / Discharge (µg/l)	Limit of Detection Sludge (mg/kg)	Environmental Quality Standard (EQS) for freshwaters (µg/l)		Expressed as [Note 2]
	Benzene	< 1 + < 0.01	< 0.01 + < 0.05	10		AA
	Toluene			74		AA
	Ethylbenzene			Not applicable		
	Xylenes			30		AA
	Naphthalene			2		AA
	Arsenic	< 1	< 1	50		AA
	Boron	< 20	< 1	2000		AA
	Cadmium	< 0.1	< 0.2	0.15		DAA
	Chromium (VI)	< 20	< 1.5	3.4		DAA
	Chromium (III)	< 0.2	< 1	4.7		DAA
	Copper	< 1	< 1	1		DAA
	Lead	< 0.5	< 1	1.2		DAA
	Total Mercury	< 0.05	< 0.3	0.07		MAC 95%ile
	Nickel	< 1	< 1	4		DAA
	Selenium	< 2	< 10	Not applicable		AA
	Vanadium	< 1	< 10	20		AA
	Zinc	< 1	< 1	10.9		DAA
	pH	--	Not required	Not applicable		
	Sulphate	< 1 [Note 1]	< 50	400 [Note 1]		AA
	Visible oil and grease	--	Not required	Not applicable		
	PAH16 (USEPA)	Not required	< 0.05	Not applicable		
	[Note 1] Concentration in mg/l [Note 2] AA – Annual Average DAA – Dissolved Annual Average MAC 95%ile - Maximum Allowable Concentration, 95th percentile					
	Monitoring results are to be reported to the Environment Agency on a monthly basis using the email address GMMCLandandWater@environment-agency.gov.uk .					

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC2	Provide a written explanation for any detection, by the monitoring program in IC1, whether in the lagoon waters or discharge of any substances exceeding the freshwater EQS concentration (as listed in the IC1 Table of Pollutants). The explanation should reference the relevant operational circumstances preceding these exceedances. These should include, but not be limited to: • the chemical characteristics of waste recently accepted on site • the handling and storage of these wastes • any recorded accidental failures of operations including any outages of the waste treatment system • the rainfall characteristics prior to the detected EQS exceedances.	03/03/2022 or otherwise agreed in writing by the Environment Agency

Table S1.4 Pre-operational measures	
Reference	Pre-operational measures
PO1	The Operator shall provide a construction quality assurance report validation report and obtain the Environment Agency's written approval to it. The report shall include validation that the drainage system and site surfacing are constructed to the specification detailed in the Operator's Operational Plan referenced as 193237/OP and dated December 2020.

Schedule 2 – Waste types

Table S2.2 Permitted waste types and quantities for non-hazardous aggregate recycling facility	
Maximum quantity	The total quantity of waste accepted at the site for the above activity shall be less than 250,000 tonnes a year.
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 01	wastes from mineral excavation
01 01 02	wastes from mineral non-metalliferous excavation
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	waste sand and clays
10	WASTES FROM THERMAL PROCESSES
10 02	wastes from the iron and steel industry
10 02 01	wastes from the processing of slag
10 11	wastes from manufacture of glass and glass products
10 11 12	waste glass other than those mentioned in 10 11 11
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 08	waste ceramics, bricks, tiles and construction products (after thermal processing)
10 13	wastes from manufacture of cement, lime and plaster and articles and products made from them
10 13 14	waste concrete and concrete sludge only
15	WASTE PACKAGING, ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01	packaging (including separately collected municipal packaging waste)
15 01 07	glass packaging
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01	concrete, bricks, tiles and ceramics
17 01 01	concrete
17 01 02	bricks
17 01 03	tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 02	wood, glass and plastic
17 02 02	glass
17 03	bituminous mixtures, coal tar and tarred products
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
17 05	soil (including excavated soil from contaminated sites), stones and

Table S2.2 Permitted waste types and quantities for non-hazardous aggregate recycling facility	
Maximum quantity	The total quantity of waste accepted at the site for the above activity shall be less than 250,000 tonnes a year.
Waste code	Description
	dredging spoil
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 08	track ballast other than those mentioned in 17 05 07
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 05	glass
19 12 09	minerals (for example sand, stones)
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances
19 13	wastes from soil and groundwater remediation
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	separately collected fractions (except 15 01)
20 01 02	glass
20 02	garden and park wastes (including cemetery waste)
20 02 02	soil and stones
20 03	other municipal wastes
20 03 03	street-cleaning residues

Schedule 3 – Emissions and monitoring

Table S3.1 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
Surface Water lagoon discharge point on site plan	No parameter set	Lagoon overflow discharge	No limit set	--	Weekly	Visual assessment – no visible oil or grease
	Total Suspended Solids		100 mg/l	Spot sample	Monthly or in the event of a discharge.	MCERTS BS EN 872
	pH		N/A	Spot sample		BS ISO 10523
	No parameter set		N/A	--	--	Date of discharge events to be recorded

Schedule 4 – Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to water Parameters as required by condition 3.5.1	Discharge point to Salteye Brook on drawing 193237/D/004	Monthly	1 January

Table S4.2 Reporting forms		
Media/parameter	Reporting format	Date of form
Water and Land	Form Water1 or other form as agreed in writing by the Environment Agency	03/02/21

Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the breach of permit conditions not related to limits	
To be notified within 24 hours of detection	
Condition breached	
Date, time and duration of breach	
Details of the permit breach i.e. what happened including impacts observed.	
Measures taken, or intended to be taken, to restore permit compliance.	

(d) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

“accident” means an accident that may result in pollution.

“Annex I” means Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“Annex II” means Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

“authorised officer” means any person authorised by the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

“emissions of substances not controlled by emission limits” means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission limit.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2016 No.1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“groundwater” means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

“List of Wastes” means the list of wastes established by Commission Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste.

“MCERTS” means the Environment Agency’s Monitoring Certification Scheme.

“pests” means birds, vermin and insects.

“quarter” means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

“R” means a recovery operation provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk.

“year” means calendar year ending 31 December.

When the following terms appear in the waste code list in Schedule 2, table S2.2, for that table, they have the meaning given below:

“hazardous substance” means a substance classified as hazardous as a consequence of fulfilling the criteria laid down in parts 2 to 5 of Annex I to Regulation (EC) No 1272/2008.

“heavy metal” means any compound of antimony, arsenic, cadmium, chromium (VI), copper, lead, mercury, nickel, selenium, tellurium, thallium and tin, as well as these materials in metallic form, as far as these are classified as hazardous substances.

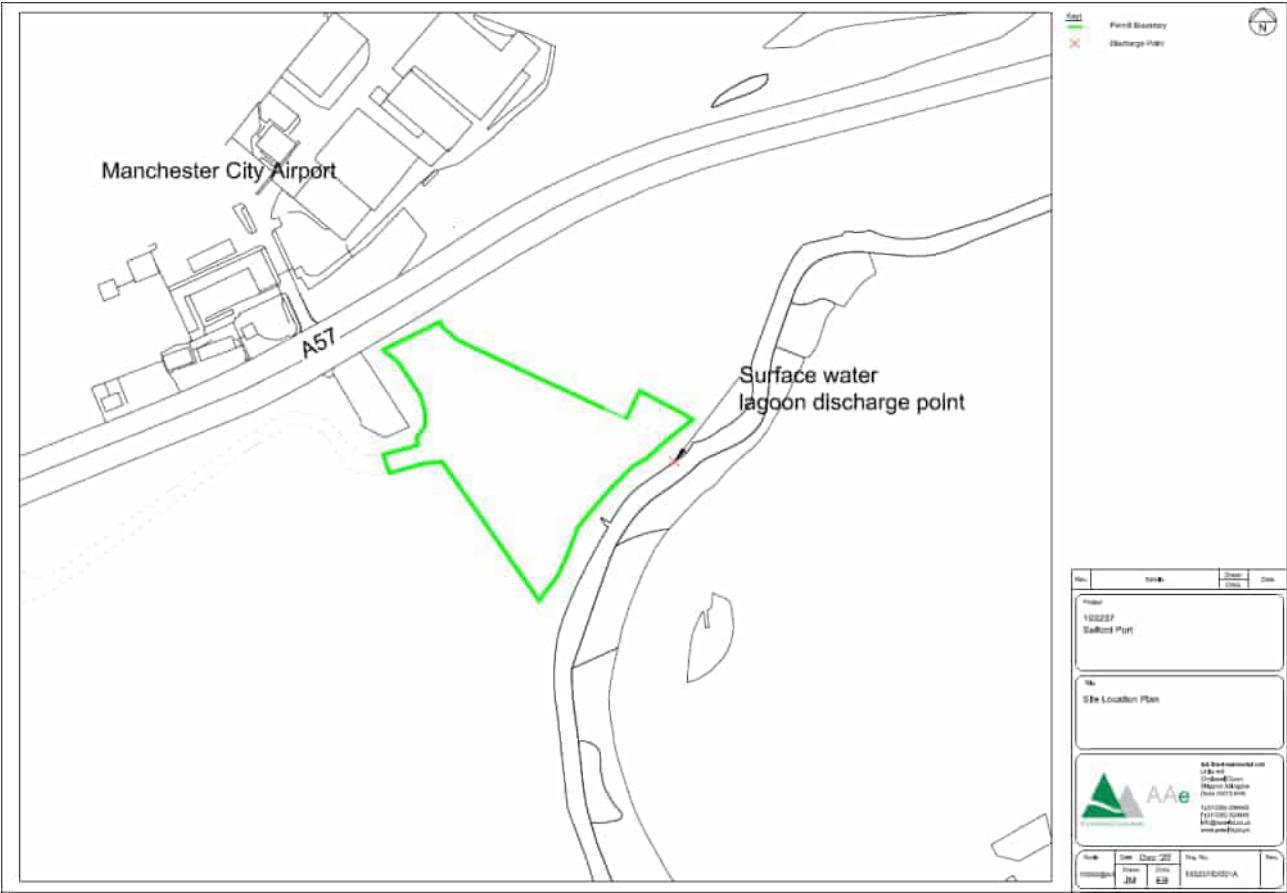
“PCBs” means

- polychlorinated biphenyls
- polychlorinated terphenyls

- monomethyl-tetrachlorodiphenyl methane, Monomethyl-dichloro-diphenyl methane, Monomethyldibromo-diphenyl methane
- any mixture containing any of the above mentioned substances in a total of more than 0,005 %by weight.

“transition metals” means any of the following metals: any compound of scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum, as well as these materials in metallic form, as far as these are classified as hazardous substances.

Schedule 7 – Site plan



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END OF PERMIT



Method Statement for the Production of Recycled Aggregates

‘The Quality Protocol’

Site Location

Wharf Street
Dukinfield
Cheshire
SK16 4NJ

0161 3394949
info@chartrangeltd.co.uk

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Appendix

- Process flow diagrams

1 Background issues

1.1 Scope

Chartrange operate a permitted inert waste transfer and treatment facility at their site at Wharf Street, Dukinfield. The site processes solid, non-hazardous, inert wastes from the construction and demolition Industry (C&D). The site is regulated by the Environment Agency for compliance with conditions of the Environmental Permit. Inert materials are sorted, screened and crushed in order to manufacture a number of recycled materials suitable to be re-used in the construction industry. This reuse of C&D waste reduces the need for virgin, quarried aggregates.

This manual is designed to provide customers the confidence that our products are manufactured in accordance with the requirements of the Aggregate Quality Protocol¹. Minimal frequencies of inspection and testing are specified within the manual to ensure that our products conform to any relevant technical specification.

1.2 Definition of waste

"Any substance or object the holder discards, intends to discard or is required to discard" is waste under the Waste Framework Directive (European Directive 2006/12/EC), which repeals the European Directive 75/442/EC as amended.

Once a substance or object has become waste, it will remain waste until it has been fully recovered and no longer poses a potential threat to the environment or to human health.

From this point onwards, the waste ceases to be waste and there is no longer any reason for it to be subject to the controls and other measures required by the Directive.

1.3 The Environment Agency

The Environment Agency considers waste to remain waste until it is fully recovered. This view also applies to waste used as aggregate/construction material in civil engineering applications.

Full recovery can be obtained when such waste is incorporated into a road or building or, for inert waste, after processing if such a process is conducted following the criteria specified in the Quality Protocol for the Production of Aggregates from Inert Waste (revised edition). The Quality Protocol provides the processors with a uniform control process from which they can reasonably state and demonstrate the recovery of their product.

Until the point of recovery, the transport, treatment, management and use of such materials need to be undertaken in accordance with the Environmental Permitting Regulations. It is also a requirement that materials recovered from waste should not

¹ http://www.wrap.org.uk/downloads/0083_Quality_Protocol_A4.b473fe66.87.pdf

cause any harm to the environment or to human health. The recycled aggregates should have no additional levels of contamination than that of the virgin aggregate it replaces.

Chartrange has determined that the C&D waste ceases to be waste after the material has undergone treatment and is fully recovered, in accordance with this Quality Protocol Management System, and is placed into aggregate stockpiles awaiting sale.

1.4 Recycled Aggregate Demand

The use of recycled aggregates is a growing trend in the house building and general construction industry. This follows the Governmental view of the waste management hierarchy which highlights the need to move waste management practices away from landfill disposal and to promote reduction, re-use, recycling and recovery.

Should the material be designated as waste it will have serious implications on the use of recycled aggregates as the Environment Agency require a waste management exemption registration which places an unnecessary bureaucratic burden on the industry. This additional paperwork may make the use of small scale volumes of recycled material non cost effective, as it will be easier to purchase quarried material, even with the quarry tax. There is also the potential for projects that could use recycled aggregates that do not meet any of the exemption criteria and would therefore require an environmental permit application. This would make the project unfeasible.

This document has been produced in line with the WRAP document entitled 'Quality Protocol, Aggregate from Inert Waste'. It contains the relevant management controls to ensure the produced aggregates have been fully recovered and thus not waste at the point of production.

2 The Quality Protocol

2.1 Overview

Chartrange operate under an Environmental Permit to keep and treat inert waste. They have been supplying recycled aggregates and soils to a number of construction companies for many years. Recycled materials are supplied in a 20 tonne HGV load. As discussed in the previous section if these were described as waste then each construction site would have to have an exemption in place with the Environment Agency to accept the aggregate. This would equate to many man hours of bureaucracy for both the housebuilder and the Regulator.

The site can produce the following recycled materials:

- Soil substitute for turfing
- MOT type 1
- 6F2/6F5 recycle aggregate
- Class 1A Aggregate bulky hardcore

2.2 Source of Waste

Inert soils and hardcore are selectively brought into site from C&D sites. Materials not suitable for the treatment process are not imported ie heavy clay based soils or contaminated material. The input material is controlled under the Environmental Permit (EAWML/50052). This inert waste is then moved to the processing area to be further treated to make suitable products.

Inert bulk loads of mixed soil and stone are delivered from excavation sites. Loads of hardcore are delivered from demolition projects such as the demolition of old buildings / mills etc. A load ticket to show where the waste has come from is completed along with a valid waste transfer note.

Inert waste

The following table of waste are suitable for the process.

EWC code	Description	Restrictions
10 11 03	Waste glass based fibrous materials	Only without organic binders
15 01 07	Glass packaging	Selected construction and demolition waste acceptance only with low content of other types of materials (metals, plastics, organics, wood, rubber etc). The origin of the waste must be known.
17 01 01	Concrete including solid dewatered concrete process waste	
17 01 02	Bricks	
17 01 03	Tiles and ceramics	
17 01 07	Mixtures of concrete, bricks, tiles and ceramics	
17 02 02	glass	
17 05 04 17 05 08	Soils and stones including gravel, crushed rock, sand, clay, road base and plantings, and track ballast	Excluding topsoil, peat; excluding soil and stones from contaminated sites
19 12 05	Glass	
20 01 02	Glass	Separately collected glass only
20 02 02	Soils and stones restricted to parks waste	Only from garden and parks waste; excluding topsoil, peat

Landfill Directive defines inert waste as follows:

"Waste is considered inert if:

1. It does not undergo any significant physical, chemical or biological transformations;
2. It does not dissolve, burn or otherwise physically or chemically react, biodegrade or adversely affect other matter with which it comes into contact in a way likely to give rise to environmental pollution or harm to human health; and
3. Its total leachability and pollutant content and the ecotoxicity of its leachate are insignificant and, in particular, do not endanger the quality of any surface water or groundwater."

2.3 Acceptance Criteria

Due to the the waste acceptance checks checks required by the Environmental Permit and Working Plan, all inert waste has already been checked for contamination and suitability for the yard.² All waste coming from sites with possible contamination sources, or external contractors, must be accompanied with a chemical analysis or a declaration that the material is suitably inert. Analysis is assessed with the requirements of the Permit, and if in doubt advice is sought from our consultants. Visual inspections of the loads when they arrive are carried out by the yard manager during tipping, with any non conforming material either segregated or rejected before being stored to await processing.

2.4 Production of Aggregates

The appendix contains process diagrams to show the possible products manufactured at our Dukinfield premises.

2.4.1 Class 1A Material

The first material manufactured on site is 'Class 1A' (1A). 1A is the first size to be removed from the screening process. The screener removes all the large lumps and stone, concrete and brick from the waste. The vast majority of the 1A is processed further to manufacture a 6F5³ recycled aggregate. However 1A has a small demand and is used to make and repair internal site haul roads on construction sites or farm tracks.

1A Aggregate will

- Contain < 1% soil and particles less than 20mm
- Be free of metal⁴
- Be free of wood⁴
- Be free of paper⁴
- Be chemically inert
- Be of a size suitable for use as a crusher feedstock⁵

The Class 1A Aggregate will be visually inspected. Once it is compliant with the above criteria it will be transferred to the external production area. Should the Class 1A Aggregate contain foreign items (wood etc) then the hardcore will be hand picked until it meets the above criteria

However over 98% of the 1A will be used as a feedstock to produce the 6F5.

2.4.2 6F5 Aggregate

This is an engineered grading for recycled aggregates to be used as a sub-base for roads, pavements, car parks etc. It is also commonly used in foundations as a piling mat. It is manufactured from crushed brick, stone and concrete, and must meet the

² The Environmental Permit has strict limits of what can be accepted.

³ Highways Agency S series 600 Earthworks

⁴ The quality protocol allows low contents of these materials to be in the waste. This is due to the fact it is not physically possible to remove 100% of these items

⁵ Large concrete items may be broken in order to fit in the crusher or remove rebar using a 'pecker'

Specification Based on the November 2007 *Manual of Contract Document for Highway Works: Volume 1 (MCHW1), Specification for Highway Works, Series 600* (note appendix)

2.4.3 MOT type 1 (SHW type 1 sub-base)

This product is defined by the Specification for Highway Works to be used to provide structural support below roads and also for buildings. It is manufactured from concrete only.

2.4.4 Class 'B' Soil (0-12mm)

This class of manufactured aggregate is generally used as a soil substitute for landscaping projects eg bunds or for a sub base for laying grass turf on.

2.5 Testing

In order to demonstrate an aggregate meets a specified standard, samples will be taken to accredited laboratories for:

- Particle size distribution testing
- Chemical testing⁶

The chemically testing for soil type material will typically include the following suite:

Sulphate (2:1 sol)
Sulphate total
pH

2.5.1 Testing Schedule

The frequency of testing is based on the amount manufactured. 6F5 accounts for 80% by weight of all products. Chemical analysis of 6F5 dust is rarely requested by clients, as it is usually used a sub base which is then capped.

Aggregate Type	Testing	
	Chemical	Particle Size Distribution (grading)
MOT type 1 Product	Annually (sulphate & chloride)	6 monthly
Soil substitute	3 monthly	N/A
6F5 aggregate Product	6 monthly (water sol sulphate)	2 Monthly
Class 1A Aggregate	6 monthly (water sol sulphate)	3 Monthly

⁶ MCERTS accredited laboratory

The above testing frequencies take into account the heterogeneity of the feedstock and resulting aggregate over many years. The WRAP document defines minimum testing frequencies in excess of the above eg weekly grading of 6F5. However, this is presented as a production week (6 days a week @ 9hrs a day is 54 hours of production), but the crushing operation at the yard is only sporadic and 54 hours of production equates approximately to 2 months.

2.6 Training

The yard supervisor will be trained in the Waste Acceptance procedures including inspection and rejection.

2.7 Records

The following records will be kept for 2 years in order to demonstrate compliance with the protocol:

- Details of all deliveries of waste
- Details of inspection procedures eg rejected loads
- Results of all testing undertaken
- Delivery destination of all aggregates sold, including tonnage.

2.8 Documentation

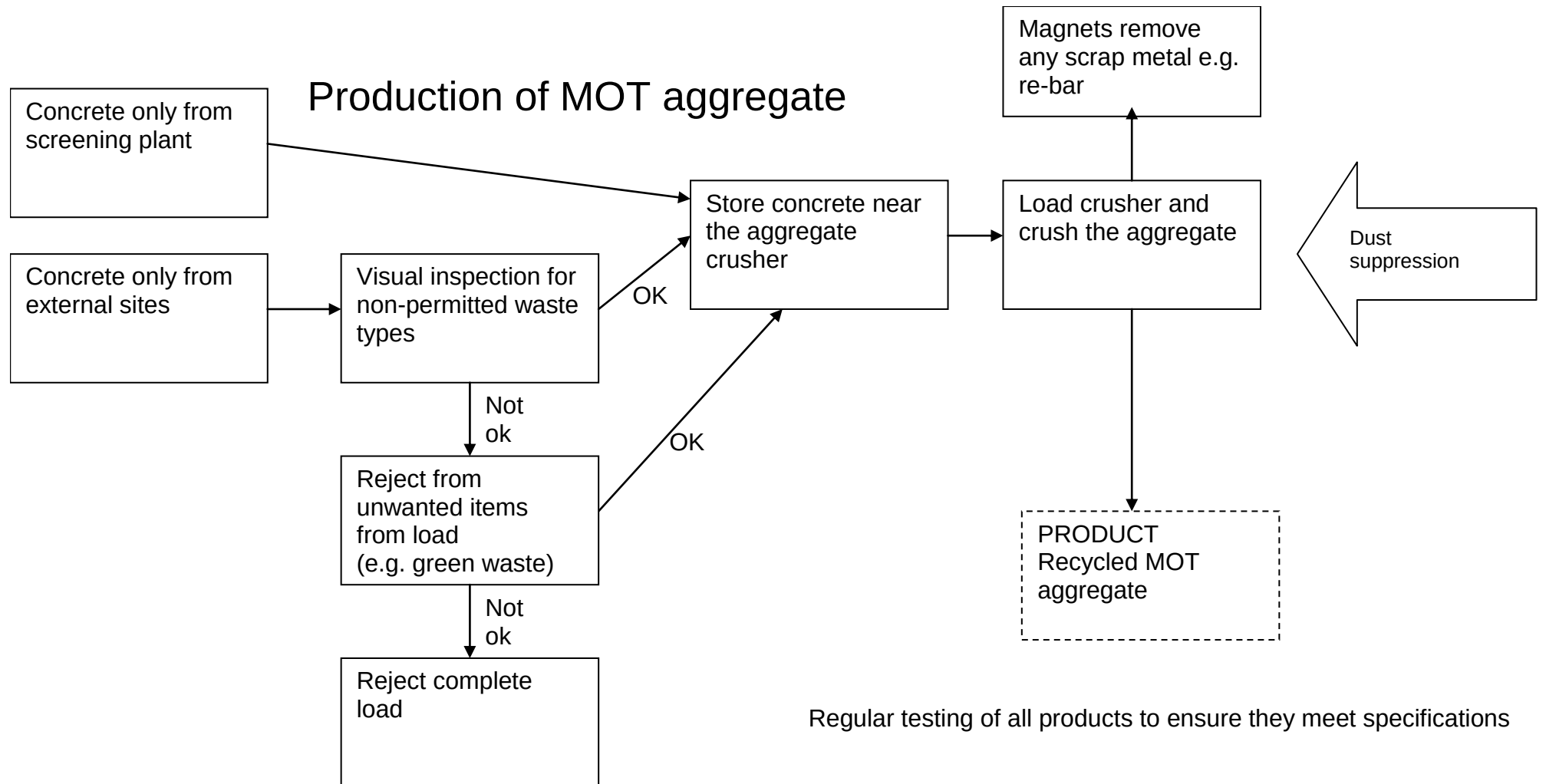
All deliveries of aggregates produced under the protocol will be accompanied by the following written information:

- Class of aggregate eg 6F5
- Location of production (Wharf St yard)
- Statement that the recycled material has been produced in compliance with the Aggregate Quality Protocol.

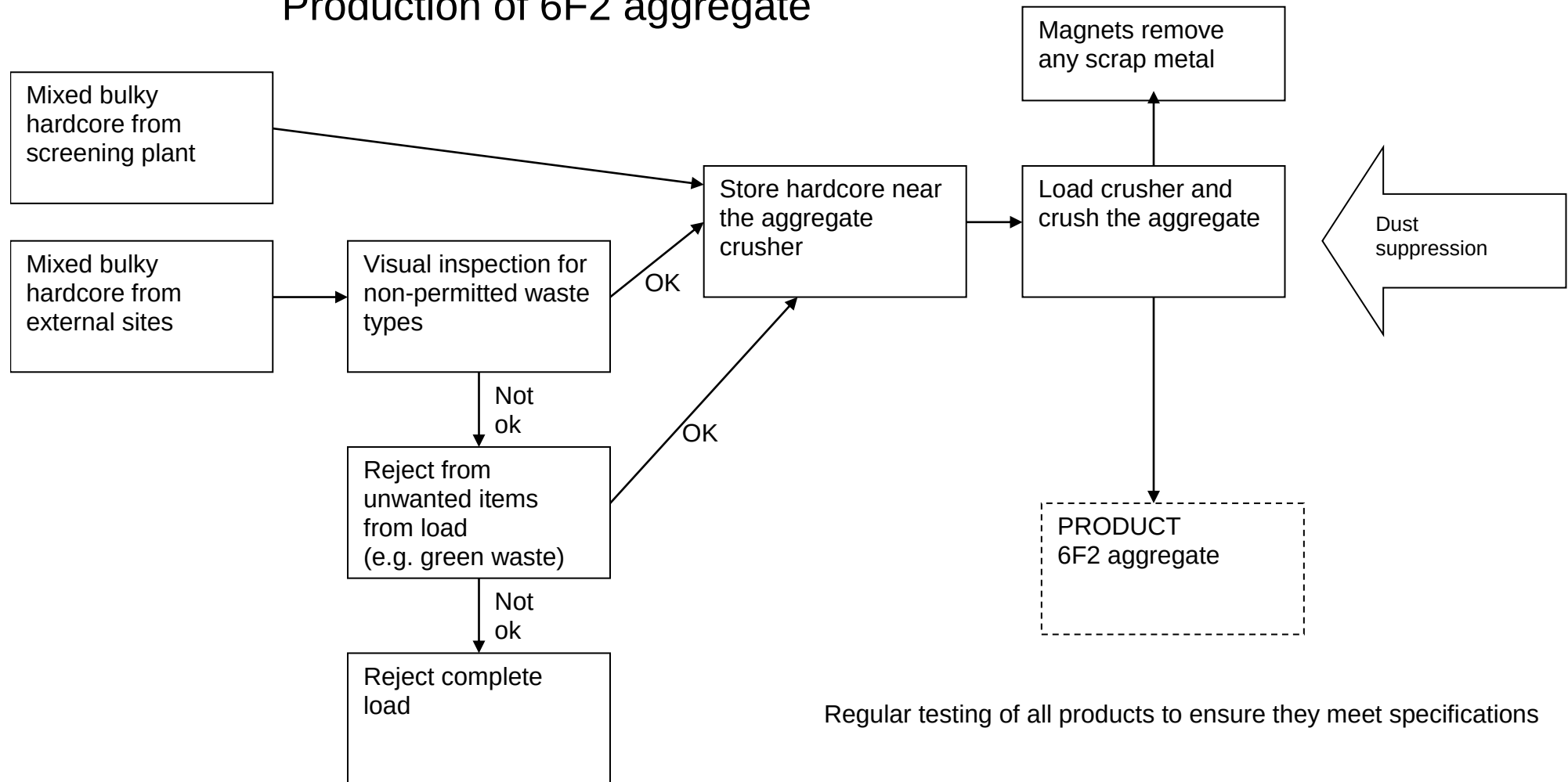
Appendix

QP1 - Process flow diagrams

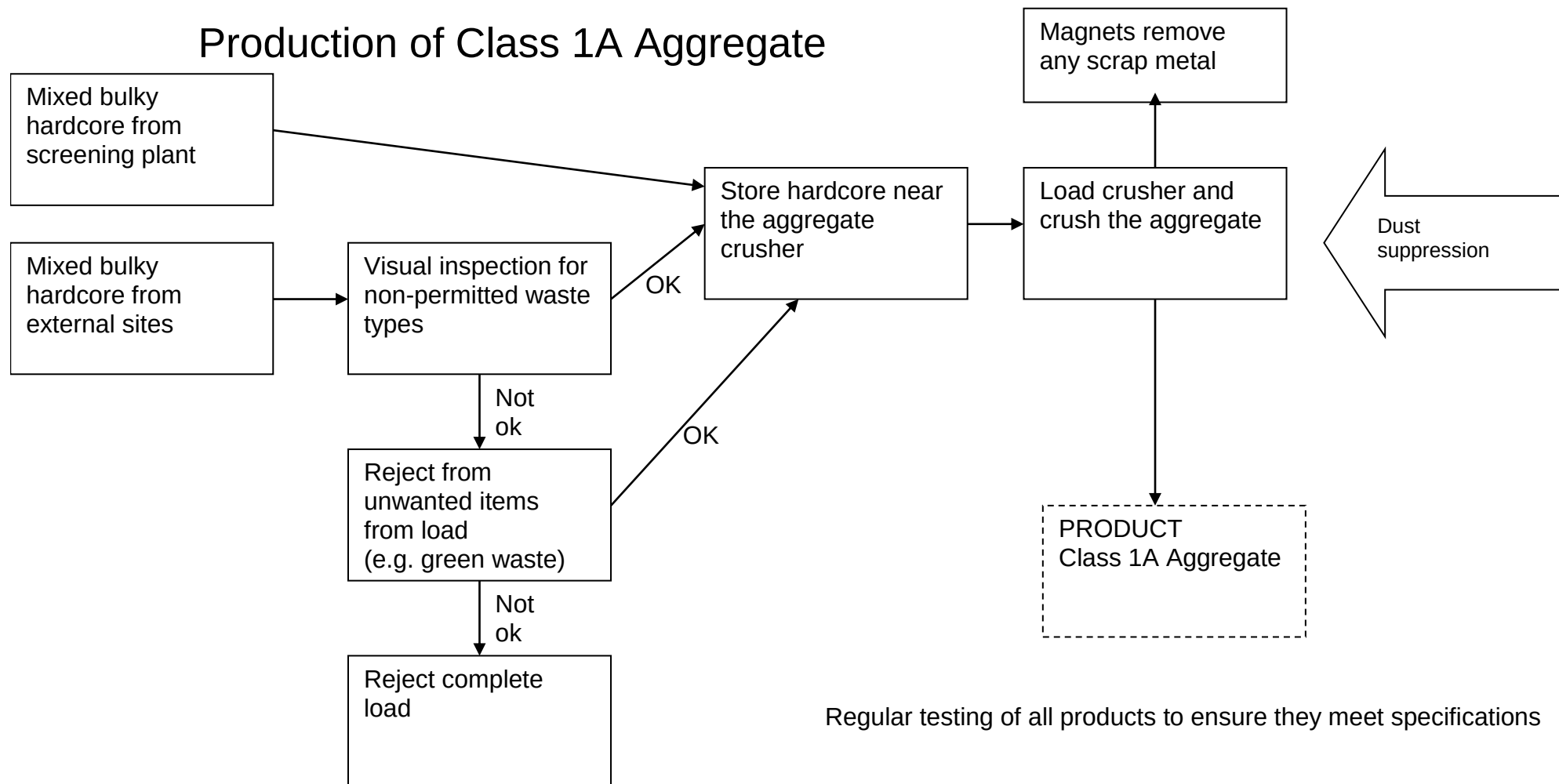
- Production of MOT Type 1 aggregate
- Production of 6F5 aggregate
- Production of Class 1A Aggregate



Production of 6F2 aggregate



Production of Class 1A Aggregate



**THE ENVIRONMENTAL PROTECTION ACT 1990
WASTE MANAGEMENT SITE LICENCE**

Chartrange (Investments) Ltd

**Wharf Street
Dukinfield
SK16 4NJ**

SJ 936 982

EAWML 50052



ENVIRONMENT
AGENCY

**ENVIRONMENTAL PROTECTION ACT 1990.
WASTE MANAGEMENT LICENCE.**

Licence Ref No: EAWML 50052 Facility Type: Transfer Station

The Environment Agency, in pursuance of Part II of the Environmental Protection Act 1990, hereby grants a waste management licence authorising the Keeping/Treating of controlled waste on the land specified in schedule 1 of this licence to

Chartrange (Investments) Ltd 03284970
Wharf Street, Dukinfield, Cheshire, SK16 4NJ

that person being in occupation of the said land, the said licence being subject to the conditions specified in schedule 2 to this licence.

In this licence the words and expressions contained in schedule 2 shall have the meaning assigned to them therein.

SCHEDULE 1. - SPECIFIED LAND.

The licence relates to the land at:

Wharf Street, Dukinfield, Cheshire, SK16 4NJ

SJ 936 982

(hereinafter called "the site") shown edged red on Drawing Reference Number LEO2645/002 dated March 2002, attached to this licence.

For Environment Agency use only.

Signed

Dave Marshall

Team Leader Environment Management

Dated: 20/12/02.

**YOUR ATTENTION IS DRAWN TO THE RIGHTS OF APPEAL DETAILED IN THE
NOTES AT THE END OF THIS LICENCE**

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1 General considerations

1.1 Specified waste management operations

1.1.1 No waste management operations shall be authorised by this licence unless:

- a** specified in and undertaken in accordance with the limitations in the following table; or
- b** otherwise required by the conditions of this licence as being an integral part of those operations;

and unless they are carried out on the site in accordance with section 6 of the working plan and with the documented information contained in the sections of the working plan referred to in the other conditions of this licence.

Table 1.1 Specified waste management operations

Specified Waste Management Operation	Permitted Waste Types which may be subject to the Specified Operation	Limits on Specified Waste Management Operations
Storage (D15 and R13) pending disposal or recovery.	All	Maximum daily input of 1500 tonnes Restricted to the areas identified for this purpose on working plan site drawing no.LE02645/003 Stockpile heights of materials shall not exceed 107 metres AOD in accordance with planning permission reference T/APP/G4240/C/98/650418 and section 3.5.1 of the working plan.
Physical treatment of waste	All	Treatment consisting only of physical sorting or separation of waste into different components, together with crushing and screening of waste. Crushing and screening operations shall only be undertaken in accordance with sections 3.2, 3.3 and 6.5 of the working plan. Restricted to the areas identified for this purpose on working plan site drawing no. LE02645/003

Specified Waste Management Operations and Exempt Waste Management Operations

- 1.1.2 Where wastes are being brought onto the site for waste management operations which are exempt from licensing under the 1994 Regulations, then the wastes which are subject to the specified waste management operations shall be kept clearly segregated and identified from those wastes which are being kept on the site for the exempt waste management operations.

1.2 Permitted wastes

Permitted categories and types of wastes

- 1.2.1 No wastes shall be accepted at the site other than those which are:
- a** categorised below in Table 1.2; and
 - b** specified in the list of waste types for the site provided in Appendix A of the working plan.

Table 1.2. Permitted quantities of waste

Permitted Waste Categories (equivalent UK Waste Classification Scheme categories given in brackets)	Maximum Permitted Quantities for each waste category (subject to maximum permitted total quantity in condition 1.2.2)
Inert wastes – Category 21.00.00	No limit subject to maximum storage capacities specified in section 3.5 of the working plan.
General and Biodegradable– Category 22.00.00; namely: 22.01.00 – Naturally occurring rocks and soils containing organic matter 22.02.00 – Construction and Demolition waste 22.03.00 – Plaster and Plasterboard 22.04.00 – Separate Materials; namely wood.	Category 22.00.00 only permitted as an inherent component of Category 21.00.00, subject to a maximum quantity of 1.5% w/w of the waste in which it arises.
Metal and Discarded (scrap) Composite Equipment – Category 23.00.00; namely: 23.01.00 – Ferrous metal 23.02.00 – Non-ferrous metal	Category 23.00.00 only permitted as an inherent component of Category 21.00.00, subject to a maximum quantity of 0.5% w/w of the waste in which it arises.

Permitted quantities of wastes

- 1.2.2 Whilst complying with the maximum quantities in Table 1.2, the total quantity of waste accepted at the site per year shall not exceed 74,999 tonnes.

Exclusions of wastes with specified hazardous characteristics

- 1.2.3 Notwithstanding the specification of permitted waste types under conditions 1.2.1 above, wastes shall not be accepted at the site which consist solely or mainly of finely divided metal or of dusts, powders or loose fibres.

1.3 Amendments to working plan and supporting information

Changes to the working plan requiring prior consent by the Agency

- 1.3.1 The Licence Holder shall give the Agency prior notice in writing of any proposed change to the sections of the working plan listed in Table 1.3, and to any appendices, drawings and figures which are referenced in those sections.

Table 1.3 Conditions for which changes to the working plan requiring the prior consent of the Agency		
Condition	Subject	Working Plan Section
1.1	Specified waste management operations	6
1.2	Permitted wastes	3.4
2.1	Engineered site containment and drainage systems.	4
4.1	Control of mud and debris	6.1
4.4	Waste acceptance and control systems and procedures	6.4
4.5	Waste quantity measurement systems	6.6
6.1	Control, monitoring and reporting of aerial emissions of dusts, fibres, powders and particulates	7
7.1	Security and availability of records	8

- 1.3.2 The notice shall be accompanied by a copy of the proposed changes, and by a written assessment of the effect that implementing the proposed change would have on the risk posed by the site to human health and the environment.
- 1.3.3 The Licence Holder shall provide up to 6 additional copies of the proposed change and supporting risk assessment to the Agency, when required by the Agency in writing.
- 1.3.4 The proposed change shall not be implemented unless the Agency has given its written consent to it. Following consent, the Licence Holder shall give the Agency prior written notification of the implementation date of the change, and from that date the changed section shall be deemed to replace the previous version of that documentation.

Changes to the working plan requiring prior notification to the Agency

- 1.3.5 Except where it is specified under condition 1.3.1 above that the amendment of specified sections of the working plan requires the prior consent of the Agency, the Licence Holder shall give the Agency not less than 7 days prior written notice of any change to the working plan and to any appendices, drawings and figures which are referenced from those sections.
- 1.3.6 The notice shall be accompanied by a copy of the specified changes.
- 1.3.7 The Licence Holder shall provide up to 6 additional copies of the proposed change to the Agency, when required by the Agency in writing.
- 1.3.8 Such changes to the working plan shall be deemed to be incorporated in the working plan and implemented on the date specified to the Agency in the amendment notification.

1.4 **Staffing and understanding of requirements of licence conditions**

Minimum staffing and supervision

- 1.4.1 Whenever the site is open to receive or despatch waste, or is carrying out any of the specified waste management treatment or disposal operations, it shall be supervised by at least one member of staff who is suitably trained and fully conversant with the requirements of the licence and the working plan regarding:

- a** waste acceptance and control procedures;
- b** operational controls and environmental monitoring;
- c** maintenance;
- d** record-keeping;
- e** emergency action plans;
- f** notifications to the Agency.

Availability of licence and working plan

- 1.4.2 A copy of this licence and the working plan shall be kept available on site for reference when required by all site staff carrying out work under the requirements of the licence.

Understanding of licence and working plan

- 1.4.3 All site staff shall be, or shall work under the direct supervision of a member of staff who is, fully conversant with those aspects of the licence conditions and working plan which are relevant to their specific duties.

1.5 **Changes in technically competent persons**

- 1.5.1 Any changes in the technically competent management of the site and the name of any incoming person, and, where the technically competent management of the site is subject to the WAMITAB scheme of technical competence, evidence that such person has the required technical competence, shall be submitted to the Agency in writing within 5 working days of the change in management. Technically competent management and technical competence shall be as defined under section 74 of the Environmental Protection Act 1990 and Regulations 4 and 5 of the 1994 Regulations, or any subsequent amendments to the Act or Regulations.

1.6 Relevant convictions

Notification of relevant convictions

- 1.6.1 In the event of the Licence Holder and/or any relevant person being convicted of any relevant offence and which is in addition to any already notified to the Agency, then full details shall be provided to the Agency within 14 days following sentencing, whether or not the conviction or sentence is subsequently appealed. Such details shall include, in respect of each relevant person (as defined in section 74(7) of the Environmental Protection Act 1990 or any subsequent amendments to that section), the nature of the offence, the place and date of conviction, and any fine or other penalty imposed.

Notifications of appeals against convictions

- 1.6.2 In the event that the Licence Holder and/or any relevant person lodges an appeal against any such conviction or sentence, the Licence Holder shall notify the Agency of this within 14 days of the lodging. The Licence Holder shall notify the Agency of the results of that appeal, within 14 days of the appeal being decided.

1.7 Maintenance of financial provision

- 1.7.1 The financial provision for meeting the obligations under this Licence set out in the agreement made between the Licence Holder and the agency dated 20th December 2002 shall be maintained by the Licence Holder throughout the subsistence of this Licence and the Licence Holder shall produce evidence of such provision whenever required by the Agency.

1.8 Notification of change of operator's or holder's details

- 1.8.1 The following information shall be notified in writing within 5 working days to the Agency:

where the Licence Holder is a registered company:

- i any change in the Licence Holder's trading name, registered name or registered office address;
- ii any steps taken with a view to the Licence Holder going into administration, entering into a company voluntary arrangement or being wound up;
- iii the operator at the time of issue of the licence and of any change in the operator or in the operator's trading name, address, registered name or registered office address (if different from the Licence Holder);

1.9 Notification of preparatory works

- 1.9.1 No preparatory works shall be undertaken until at least 7 days prior notice in writing has been given to the Agency of the intention to do so. The notification shall include details of what work is being done and when.

**1.10 Notification of commencement, cessation and
recommencement of waste handling operations**

Cessation and recommencement of receiving wastes

- 1.10.1 In the event that the site ceases receiving wastes for longer than 21 days then within 7 days following the elapse of that time, the Licence Holder shall inform the Agency in writing of the date of cessation and of the planned date of recommencement. In the event that Licence Holder intends that the site shall recommence receiving wastes sooner than the notified date then they shall give the Agency not less than 7 days prior notice in writing.

1.11 Notifications and submissions to Agency

- 1.11.1 Except where otherwise specified, all notifications and submissions to the Agency under the requirements of these licence conditions:
- a** shall be made in writing to the address specified by the Agency in writing at the time of issue of this licence, or as subsequently specified by written notification to the Licence Holder;
 - b** shall quote the licence reference number and the name of the Licence Holder.

2 Site engineering for pollution prevention and control

2.1 Engineered site containment and drainage systems

Provision and maintenance of site containment and drainage systems

- 2.1.1 Waste shall only be deposited, stored, treated or otherwise handled in any area of the site, where the engineered site containment and drainage system for that area is provided in accordance with condition 2.1.2 and Table 2.1 of condition 2.1, and with section 4 of the working plan.
- 2.1.2 The engineered site containment and drainage systems shall be designed, constructed, inspected, validated and maintained, and shall be fully documented and recorded, to be fit for purpose, and, where provided, to meet the standards specified in Table 2.1 below.

Table 2.1 Site containment and drainage standards

Type of Site Surface and Drainage	Minimum Specified Standards of Design, Construction and Maintenance
a) Hardstanding	Areas of hardstanding shall be constructed of granular material (e.g. crushed stone, aggregate, road planings or other similar material) and maintained such that the working surface: i) shall remain even ii) shall not be subject to settlement or differential settlement iii) shall not be subject to rutting by vehicles even when wet iv) shall have sufficient durability to allow cleaning for example by scraping v) shall remain free of standing water.
b) Impermeable pavement, bunding and sills	Areas of impermeable pavement, bunding and sills shall be constructed and maintained so as to prevent fluids running off the pavement and the transmission of fluids through the pavement or joints.
c) Sealed drainage systems	i) Drainage to areas of impermeable pavement shall be provided by either: • a sealed sump, which shall be inspected no less frequently than daily and after rain, emptied when the collected liquids reach 80% of its capacity as measured using a dipstick or equivalent gauge, and constructed and maintained so as to collect and contain all liquids which run off the pavement; or • a three chamber oil interceptor, which shall have a minimum of six minutes retention time per chamber at its maximum flow rate, shall discharge to either a foul sewer or surface water or a soakaway, shall be inspected no less frequently than daily and after rain, and shall be maintained so as to intercept all liquids which run off the pavement. ii) Inspections and emptying of sealed sumps shall be recorded in the site diary. iii) Uncontaminated drainage from clean yard areas shall be kept separate and discharged to either surface water or sewer or watercourse or soakaway.
d) Inspection and maintenance of engineered containment	All areas of hardstanding, impermeable pavement, sealed drainage systems, and storage areas for skips. i) shall be inspected no less frequently than monthly, to ensure the continuing integrity and fitness for purpose of their construction, and the inspection and any necessary maintenance shall be recorded in the site diary; and ii) in the event of any damage occurring which breaches the integrity of the engineered containment so that it is longer meets the specified standards, the Licence Holder shall cease importing waste into or treating waste in the affected area, shall notify the Agency immediately, and shall not recommence importing waste into or treating waste in the affected area until it has been repaired to a standard at least as good as the original specification.

Type of Site Surface and Drainage	Minimum Specified Standards of Design, Construction and Maintenance
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Construction quality assurance of new site containment and drainage systems

2.1.3 No wastes shall be deposited, stored, treated or otherwise handled in any area for which an engineered site containment and drainage system is to be newly constructed to meet the requirements of this condition unless:

- a** details of the identities, relevant experience and relevant qualifications of the personnel who will be providing Quality Assurance of the engineered site containment and drainage systems have been submitted in writing to the Agency and acknowledged in writing by the Agency;
- b** the engineered site containment and drainage system has been constructed in accordance with the other requirements of condition 2.1;
- c** the Validation Report on the construction of the engineered site containment and drainage system has been submitted in writing to the Agency, and the Agency has confirmed in writing that it has no objection to the placement of wastes on that containment area.

Construction quality assurance of existing site containment and drainage systems

2.1.4 No wastes shall be deposited, stored, treated or otherwise handled in any area for which a previously constructed and existing engineered site containment and drainage system is being used to meet the requirements of this condition unless:

- a** details of the construction and maintenance of the engineered site containment and drainage system have been submitted in writing to the Agency and acknowledged in writing by the Agency;
- b** the existing engineered site containment and drainage system shall be demonstrated to be fit for purpose in that:
 - i** areas of impermeable pavement are laid to take weight of relevant vehicles, plant and equipment without cracking or breaking; and
 - ii** areas of impermeable pavement are free from cracks which could reduce impermeability; and
 - iii** areas of impermeable pavement are resistant to mechanical, physical and chemical stresses to which they may be subjected; and
 - iv** areas of impermeable pavement fall towards the drainage system to prevent ponding; and
 - v** no liquid will run off areas of impermeable pavement other than via the drainage system; and

- vi** the drainage system is sealed so that it does not leak and is capable of collecting and containing liquids draining from the impermeable pavement ; and
 - vii** liquid from the drainage system is disposed of to an approved discharge.
- c** the existing engineered site containment and drainage system shall be maintained in accordance with the requirements of Table 2.1.

3 Site infrastructure

3.1 Provision of site identification board

- 3.1.1 No wastes shall be received at the site until an identification board has been provided at or near the site entrance.
- 3.1.2 The identification board shall be inspected at least once per week. In the event of damage or defect, the board shall be repaired or replaced within 3 working day.
- 3.1.3 The board shall be easily readable from outside the site entrance in daylight hours, and shall display the following information:
- a** Site name and address;
 - b** Licence Holder name (company name, not individual name unless justified as necessary);
 - c** Operator name (company name, not individual name unless justified as necessary);
 - d** Licence number;
 - e** Emergency contact name and telephone number;
 - f** Statement that the site is licensed by the Environment Agency;
 - g** Agency national numbers, for General Enquiries (0845 933 3111) and Emergencies (0800 807060), or as subsequently notified in writing by the Agency;
 - h** Days and hours site is open to receive waste, which information shall be in accordance with the relevant planning permission.

3.2 Site security

- 3.2.1 Site security systems shall be provided at all times during the subsistence of this licence, the objective of which shall be to prevent access by humans, and livestock, which is not authorised either by the Licence Holder or under legal powers of entry. These shall be installed, operated and maintained, and shall be fully documented and recorded, in accordance with the requirements specified in Table 3.2:

Table 3.2 Site security system standards

Site security system	Specified standards
Timetable of provision	Site security shall be provided prior to commencement of the specified operations.
Design standards	Unless otherwise agreed in writing by the Agency, this shall consist of a chainlink security fence at least 1.8 metres high around the perimeter of the site, which shall meet the standards specified in British Standard BS1722 or an agreed alternative, and shall have a lockable gate to at least the same height and standard at the site access.
Operational standards	The site shall be kept closed and secure at all times when unattended.
Maintenance standards	The site security shall be fully inspected at the commencement of each working day. Any defects or damage shall be made secure by temporary repair by the end of the working day, and shall be repaired within 7 working days of the damage being detected. All inspections, defects, damage and repairs shall be recorded in the site diary.

4 Site operations

4.1 Control of mud and debris

Prevention of mud and debris on road

4.1.1 Whenever the site is receiving or despatching wastes, measures shall be provided, operated and maintained in accordance with section 6.1 of the working plan, with the objective of preventing the deposit or tracking of mud or debris arising from the site onto public areas outside the site, which shall include public highways and areas of public access.

4.1.2 All vehicles leaving areas of the site which are operational or upon which engineering works are being carried out shall, before leaving the site, be cleaned as necessary using the equipment specified in section 6.1 of the working plan, and shall be checked to ensure that they are clear of loose waste and that their loads are secure.

Remediation of mud and debris on road

4.1.3 In the event that mud or debris arising from the site is deposited onto public areas outside the site, the following remedial measures shall be implemented immediately, in accordance with section 6.1 of the working plan :

- a) the affected public areas outside the site shall be cleaned
- b) traffic shall be isolated from sources of mud and debris within the site to prevent further tracking of mud and debris, and measures shall be taken to clear any such sources as soon as practicable.

4.2 Potentially polluting leaks and spillages of waste

Potentially polluting leaks and spillages from vehicles, plant and equipment

4.2.1 All vehicles used on the site by the operator, and all plant and all equipment used on the site in connection with specified waste management operations, shall be operated and maintained with the objective of preventing potentially polluting leaks and spillages of wastes.

Control and remediation of leaks and spillages

4.2.2 In the event of any potentially polluting leak or spillage occurring on site, documented control and remediation procedures shall be implemented immediately and recorded, and shall meet the standards specified in Table 4.2 below.

Table 4.2 Standards for prevention and control of leaks and spillages

Action	Specified standards
a) Loading and unloading skips.	i) Loading and unloading of skips/containers shall be supervised at all times by a member of staff. ii) Loading/ unloading shall be carried out in an area provided with engineered containment of the type required for that waste under condition 4.6, and of the standard of containment specified under condition 2.1.
b) Filling and emptying skips and other mobile containers	i) Filling and emptying of skips/containers shall be supervised at all times by a member of staff. ii) Skips/Containers shall not be filled beyond their operational capacity.

4.3 **Fires on the site**

Prohibition of fires on site

4.3.1 No wastes shall be burned on the site.

Actions to be taken in the event of a fire

4.3.2 In the event of a fire on the site, notwithstanding the implementation of actions to suppress and extinguish the fire, the following actions shall be implemented immediately and recorded in the site diary:

- a** the Agency shall be informed immediately of the fire; and
- b** so far as practicable, contaminated site drainage shall be prevented from entering any surface water drain or water course or unsurfaced ground.

4.4 **Waste acceptance and control procedures**

Waste acceptance procedures

4.4.1 All wastes shall be received, inspected, accepted or rejected, and recorded in accordance with section 6.4 of the working plan and with the standards specified in Table 4.4 below.

Waste control procedures

4.4.2 All wastes accepted at the site shall be handled, kept and recorded in accordance with sections 6.4 of the working plan and with the standards specified in Table 4.4 below.

Waste despatch procedures

4.4.3 All outgoing wastes shall be inspected, despatched and recorded in accordance with section 6.7 of the working plan and with the standards specified in Table 4.4 below.

Table 4.4 Standards for waste acceptance and control procedures

Stage of Waste Handling	Specified standards
a) Waste inspection	All wastes received at the site: i) shall be inspected on receipt to confirm their description and composition against the relevant waste transfer note and other accompanying documentation. ii) shall be kept separate from and shall not be covered by or mixed with other wastes until they have been confirmed and recorded for acceptance at the site.
b) Quarantine storage and rejection of wastes	i) Any items of non-permitted waste which are detected after acceptance at the site of the wastes in which they were included, shall be placed immediately in a designated quarantine storage area, bay or container, and, where these are or appear to be special wastes, the Agency shall be informed immediately; ii) In the quarantine area, wastes shall be kept segregated from other wastes which are or are likely to be incompatible; iii) Quarantined wastes shall be removed from site within 7 days; iv) The maximum capacity of the quarantine storage facility shall be 15 m³. v) A record shall be kept in the site diary of all rejected wastes.
c) Identification of wastes	i) Areas and bays shall be clearly defined and labelled to identify the wastes stored within them.
d) Inspection of wastes for despatch	i) All wastes to be despatched from the site shall be inspected prior to despatch to confirm their description and composition.
e) Incompatible wastes	i) Incompatible wastes which are likely, in combination with each other or with other material at the facility, to give rise to pollution of the environment or harm to human health outside the site, shall be clearly identified and kept physically separate in designated areas..

4.5 **Waste quantity measurement systems**

Means of measurement

- 4.5.1 All wastes accepted at and despatched from the site shall be measured in accordance with section 6.6 of the working plan.

4.6 **Storage of wastes with specified hazardous properties or forms**

- 4.6.1 Notwithstanding the specification of permitted waste types under condition 1.2, wastes displaying any of the hazardous properties or forms specified in Table 4.6 shall not be accepted at the site unless handled in accordance with section 6.4.3 of the working plan so as to meet the limitations specified in Table 4.6.

Table 4.6:	Limitations on inert wastes with specified hazardous characteristics
a) Solid wastes which do not consist solely or mainly of dusts, powders or loose fibres, but which when handled are likely to generate significant quantities of dusts, fibres or particulates.	i) These wastes are only permitted if they are received in sealed and sheeted containers and stored in areas provided with impermeable pavement and sealed drainage. ii) These wastes shall be subject to monitoring in accordance with condition 6.1.
b) Solid wastes which are likely to produce contaminated or polluting run-off.	i) Inert (Category 21) wastes only permitted if stored in areas with either: • hardstanding and drainage that prevents run-off from the waste into adjacent surface water bodies or storm water drains; or • an impermeable pavement and sealed drainage.

4.7

Removal of residual wastes from site

4.7.1

In the event that the specified waste management operations on the site cease and the Agency has reasonable grounds to believe that they will not be resumed within 2 months, then, notwithstanding the operational limits on storage times of wastes specified in the other conditions of this licence, the licence holder shall ensure that all wastes remaining on the site shall be removed by the date specified by the Agency in writing. This shall include, where required by the Agency, cleaning of plant, equipment and engineered containment used in the specified waste management operations, and emptying of any sealed sumps or interceptors.

5 Pollution Control, Monitoring and Reporting

Note: No conditions necessary under this section.

6 Amenity management and reporting

6.1 Monitoring and control of aerial emissions of dusts, fibres and particulates

- 6.1.1 Throughout the operational life of the site, measures to monitor, control and minimise the aerial emission of dusts, fibres and particulates from the site, shall be carried out in accordance with section 7.1 of the working plan to meet the standards specified in Table 6.1 below. Such measures shall prevent releases in such quantities or concentrations that are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality.

Table 6.1 Standards for monitoring and control of aerial emissions of dusts, fibres and particulates

a) Monitoring of aerial emissions	i) Visual monitoring of aerial emissions shall be carried out by site staff supervising waste handling operations. • by the site manager or supervisor, at least twice per day, at the site boundary situated downwind of the waste operations, and shall be recorded in the site diary; and • by site staff supervising individual waste handling operations, during the carrying out of those operations.
b) Aerial emissions action plan	i) On detection or complaint of visible aerial emissions that are or are likely to be transported beyond the site boundary, immediate action shall be taken to stop the waste handling operations giving rise to the emission and to suppress the aerial emission from the waste. ii) The incident and the remedial action shall be recorded in the site diary.

- 6.1.2 All emissions to air from the specified waste management operations on the site shall be free from visible concentrations of dusts, fibres or particulates as are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality outside the site boundary, as perceived by an authorised officer of the Agency.

6.2 Control of litter

- 6.2.1 Measures shall be implemented and maintained throughout the operational life of the site to prevent the escape of litter from the confines of the site.
- 6.2.2 In the event that litter does escape from the site, it shall be retrieved as soon as practicable and no later than 1 hour after the end of the working day.

7 Site records

7.1 Security and availability of records

Security of records

- 7.1.1 All records which are required to be made under the conditions of this licence and the working plan shall be maintained and kept secure from loss, damage or deterioration, and shall be kept at the location(s) specified in section 8 of the working plan and in accordance with the requirements specified in Table 7.1 below.

Availability of records

- 7.1.2 All records which are required to be made under the other conditions of this licence and the working plan shall be made available for inspection at the place where they are kept immediately when required by an authorised officer of the Agency.

Table 7.1 Standards for keeping of site records

Site records	Specified standards
Wastes accepted at the site; Wastes rejected and/or despatched from the site; Site diaries.	1. All records shall be stored either: a) on paper in a secure cabinet or cupboard; or b) on computer disc with a back up copy. 2. Records shall be kept for a minimum of two years.

7.2 Records of waste movements

Recording of wastes accepted and removed

- 7.2.1 A record shall be kept of each load of waste accepted and each load of waste removed from site. This record shall include the following details:
- a** Loads in :- Nature, waste type as specified under condition 1.2 and section 3.1 of the working plan, quantity (tonnes), date received, date accepted.
 - b** Loads out :- Nature, waste type as specified under condition 1.2 and section 3.1 of the working plan, quantity of waste removed (tonnes), date removed.

Summary records of wastes accepted and removed

- 7.2.2 A summary record of the waste types accepted and removed from the site shall be made for each quarter and shall be submitted to the Agency within 1 month following the end of the quarter. The summary record shall be in the format specified by the Agency.

7.3 **Site diary**

- 7.3.1 A site diary shall be kept secure and shall be available for inspection at the site when required by an authorised officer of the Agency. This shall include a record of the following events, in accordance with the other conditions of this licence:

- a construction work
- b maintenance
- c breakdowns
- d emergencies
- e problems with waste received and action taken
- f site inspections and consequent actions carried out by the operator
- g technically competent management attendance on site: the date and the time onto site and the time left site
- h despatch of records to the Agency
- i severe weather conditions
- j complaints about site operations and actions taken
- k environmental problems and remedial actions

- 7.3.2 Each record shall be completed within 24 hours of the relevant event.

7.4 **Periodic reporting of environmental performance**

- 7.4.1 The Licence Holder shall provide the Agency on an annual basis by 1st April each year, or such other time as is agreed in writing with the Agency, a report on the environmental performance of the site, which shall include the following information:

- a an analysis and review of all complaints received during the year, and of actions taken;
- b an analysis and review of all events causing the implementation of actions to control and minimise emissions or releases from the site, in accordance with these conditions;
- c a review of the risk assessment and risk management systems for the site, taking account of the findings under (a) and (b).

Interpretation

In these conditions and their interpretation, unless the context otherwise requires, the following terms have the specified meanings:

"accepted"

for waste being delivered to the site, shall mean accepted as waste input to the site for storage and/or processing and/or disposal under the specified waste management operations;

"authorised officer of the Agency"

means any person(s) authorised in writing by the Agency pursuant to section 108(1) of the 1995 Act to exercise any of the powers specified in subsection (4) of that section;

"consequences"

for **risk assessments** carried out within these conditions, means the adverse effects of harm as a result of realising a **hazard** which cause the quality of human health (other than health and safety of site staff or visitors to the site covered under the Health and Safety at Work Act 1974) or the environment to be impaired in the short or longer term;

"engineer"

for engineering works specified in these conditions, means a person who works in the relevant branch of engineering, as a qualified professional;

"engineered"

for works specified in these conditions, means carried out and completed using the relevant engineering process specified in these conditions;

"engineered site containment and drainage system"

means all elements relating to engineered containment of activities on the site, other than final disposal to land, and incorporating site surfacing, bunding and drainage systems, buildings and fixed tanks;

"engineering"

for engineering works specified in these conditions, means the relevant process of design, construction or installation, quality assurance or validation or commissioning specified in these conditions;

"environmental targets or receptors"

for **risk assessments** carried out within these conditions, shall mean identified human and environmental populations or components, as specified in these conditions or otherwise agreed by the Agency within these conditions;

"groundwater"

means any water contained in underground strata;

"hazard"

means a property or situation that in particular circumstances could lead to harm;

"immediately"

for carrying out of actions under the conditions, shall mean without delay and within a reasonable time, taking into account any more immediate direct action necessary to prevent or minimise risk to human health and the environment. For carrying out notifications to the Agency, shall also mean by the fastest effective means available (for example, telephone) and confirmed in writing within 1 working day (or such other time as may be agreed by the Agency within the conditions);

"inert waste "

means waste which when disposed of in or on land does not undergo any significant physical, chemical or biological transformation;

"maintenance"

for engineering maintenance specified in these conditions, means the process of inspection, testing, repair of the relevant engineering works specified in these conditions;

"preparatory works"

means engineering works required prior to the carrying out of the activities authorised by this licence;

"probability"

means the quantified expression of chance, denoted either as:

- the ratio or percentage of the occurrence of a particular event as one among a number of possible events;
- or as the frequency of occurrence of a particular event in a given period of time;

"received"

for waste being delivered to the site, shall mean delivered to the site and undergoing the waste acceptance procedures specified in the working plan, including storage of those wastes during those procedures prior to acceptance of the waste;

"release pathways"

for **risk assessments** carried out within these conditions, shall mean the routes by which defined **hazards** may potentially realise their **consequences**, defined in terms of releases or emissions from the site that go beyond the site containment or boundary via one or more of the following routes, either directly or indirectly: **Land; Groundwater; Surface water; Atmosphere;**

"relevant offences"

are offences within the meaning of regulation 3 of the Waste Management Licensing Regulations 1994 or any statutory provisions or regulations amending or replacing them;

"risk"

means a combination of the **probability** and **consequences** of occurrence of a defined **hazard**;

"risk assessment"

means the systematic identification, analysis, estimation and evaluation within a defined **scope** of the defined **risks** of a particular activity, operation, process or design, carried out and reported by suitably qualified or competent persons, using recognised quantified or semi-quantified methods and techniques.

Unless otherwise agreed by the Agency within these conditions, a risk assessment shall include and record the following:

- definition of the **hazards** associated with an activity, operation, process or design;
- assessment of the **probability** of those **hazards** occurring;
- determination of the potential **consequences** of those hazards for defined **environmental targets or receptors**, taking into account defined **release pathways** and defined protective measures;
- evaluation of the potential **magnitude** of those consequences and the **probability** of their occurrence;

"scope of risk assessment"

means the boundaries of the **risk assessment** and the **risks** to be assessed within those boundaries, as defined in the conditions or otherwise agreed by the Agency within the conditions;

"sealed container"

means a container which does not permit either the ingress or egress of liquids, or the escape of dusts or wastes contained within it;

"special waste"

has the meaning as defined by regulation 2 of the Special Waste Regulations 1996 or any statutory provisions or regulations amending or replacing them;

"specified waste management operations"

means the waste management operations authorised by condition 1.1 of this licence;

"surface water"

means any lake, pond, river or watercourse whether natural or artificial;

"the 1994 Regulations"

means the Waste Management Licensing Regulations 1994 and any statutory provisions or regulations amending or replacing them.

"the Agency"

means the Environment Agency;

"the Licence Holder"

means the Licence Holder specified in this licence or other person to whom the licence has been transferred in accordance with section 40 of the Environmental Protection Act 1990;

"the operator"

means a person who is in occupation of the site and has responsibility for carrying out day to day activities at the site;

"the site"

means the land, structures, plant and equipment to which this licence relates;

"time periods, e.g. annually, quarterly, monthly, per year, etc. "

Where periods are referred to in conditions, they shall be calculated in the following way:

- annually or per year: 1 April to 31 March;
- quarterly: 1 April to 30 June, 1 July to 30 September, 1 October to 31 December, 1 January to 31 March;
- monthly: calendar month;
- weekly: Monday to Sunday.

Where the issue of the licence does not coincide with the start of any of these periods, then any relevant limits for the first period shall apply pro rata;

"UK Waste Classification Scheme" or "UKCWS"

the UK Waste Classification Scheme (Draft 16) or its subsequent replacement;

"waste"

means controlled waste as defined in section 75(4) of the 1990 Act and the Controlled Waste Regulations 1992 or any statutory provisions or regulations amending or replacing them;

"working plan"

means the working plan identified in writing by the Agency at the time of issue of this licence and any subsequent amendments to it made in accordance with the conditions of this licence.

F.2 Braidwoods



MURRAY RIX

ANDREW HOUSE, HADFIELD STREET,
DUKINFIELD, CHESHIRE SK16 4QX
TEL 0161 475 0870

TEST CERTIFICATE

DETERMINATION OF PARTICLE DENSITY AND WATER ABSORPTION

BS EN 1097-6:2013:CLAUSE 7

METHODS FOR AGGREGATES PASSING THE 63mm TEST SIEVE AND RETAINED ON THE 31.5mm TEST SIEVE
(24 HOUR SOAKED)

CLIENT	NRE Aggregates Ltd
SITE	Port Salford
JOB NUMBER	MRN 24056/8

SITE REFERENCE	40/80mm aggregate	DATE SAMPLED	31 January 2024
SAMPLE NUMBER	416101	DATE RECEIVED	31 January 2024
DATE TESTED	18 December 2023	SAMPLED BY	Client

MATERIAL	40/80mm aggregate
ADVISED SUPPLIER	As client and site above

AGGREGATE SIZE TESTED	63mm to 31.5mm	WAS SAMPLE ARTIFICIALLY HEATED BEFORE TEST	No
-----------------------	----------------	--	----

Apparent particle density	2.58	Mg/m ³
Particle density on an oven dried basis	2.42	Mg/m ³
Particle density on a saturated and surface dried basis	2.48	Mg/m ³
Water absorption as % of dry mass	2.5	%

COMMENT / ANOMALIES

NAME O.P. Davies BA (Hons)
(Laboratory Manager)

SIGNED



DATE 29-Feb-24

MURRAY RIX

ANDREW HOUSE, HADFIELD STREET,
DUKINFIELD, CHESHIRE SK16 4QX
TEL 0161 475 0870

TEST CERTIFICATE

DETERMINATION OF PARTICLE DENSITY AND WATER ABSORPTION

BS EN 1097-6:2013:CLAUSE 8

METHODS FOR AGGREGATES PASSING THE 31.5mm TEST SIEVE AND RETAINED ON THE 4mm TEST SIEVE
(24 HOUR SOAKED)

CLIENT	NRE Aggregates Ltd
SITE	Port Salford
JOB NUMBER	MRN 24056/8

SITE REFERENCE	20/40mm aggregate	DATE SAMPLED	31 January 2024
SAMPLE NUMBER	416102	DATE RECEIVED	31 January 2024
DATE TESTED	18 December 2023	SAMPLED BY	Client

MATERIAL	20/40mm aggregate
ADVISED SUPPLIER	As client and site above

AGGREGATE SIZE TESTED	31.5mm to 4mm	WAS SAMPLE ARTIFICIALLY HEATED BEFORE TEST	No
-----------------------	---------------	--	----

Apparent particle density	2.58	Mg/m ³
Particle density on an oven dried basis	2.47	Mg/m ³
Particle density on a saturated and surface dried basis	2.51	Mg/m ³
Water absorption as % of dry mass	1.7	%

COMMENT / ANOMALIES

NAME O.P. Davies BA (Hons)
(Laboratory Manager)

SIGNED



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METHODS FOR AGGREGATES PASSING THE 31.5mm TEST SIEVE AND RETAINED ON THE 4mm TEST SIEVE
(24 HOUR SOAKED)

CLIENT	NRE Aggregates Ltd
SITE	Port Salford
JOB NUMBER	MRN 24056/8

SITE REFERENCE	10/20mm	DATE SAMPLED	31 January 2024
SAMPLE NUMBER	416103	DATE RECEIVED	31 January 2024
DATE TESTED	18 December 2023	SAMPLED BY	Client

MATERIAL	10/20mm aggregate
ADVISED SUPPLIER	As client and site above

AGGREGATE SIZE TESTED	31.5mm to 4mm	WAS SAMPLE ARTIFICIALLY HEATED BEFORE TEST	No
-----------------------	---------------	--	----

Apparent particle density	2.59	Mg/m ³
Particle density on an oven dried basis	2.52	Mg/m ³
Particle density on a saturated and surface dried basis	2.54	Mg/m ³
Water absorption as % of dry mass	1.2	%

COMMENT / ANOMALIES

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TEST CERTIFICATE

DETERMINATION OF PARTICLE DENSITY AND WATER ABSORPTION

BS EN 1097-6:2013:CLAUSE 8

METHODS FOR AGGREGATES PASSING THE 31.5mm TEST SIEVE AND RETAINED ON THE 4mm TEST SIEVE
(24 HOUR SOAKED)

CLIENT	NRE Aggregates Ltd
SITE	Port Salford
JOB NUMBER	MRN 24056/8

SITE REFERENCE	4/10mm	DATE SAMPLED	31 January 2024
SAMPLE NUMBER	416104	DATE RECEIVED	31 January 2024
DATE TESTED	18 December 2023	SAMPLED BY	Client

MATERIAL	4/10mm aggregate
ADVISED SUPPLIER	As client and site above

AGGREGATE SIZE TESTED	31.5mm to 4mm	WAS SAMPLE ARTIFICIALLY HEATED BEFORE TEST	No
-----------------------	---------------	--	----

Apparent particle density	2.59	Mg/m ³
Particle density on an oven dried basis	2.53	Mg/m ³
Particle density on a saturated and surface dried basis	2.55	Mg/m ³
Water absorption as % of dry mass	0.9	%

COMMENT / ANOMALIES

NAME O.P. Davies BA (Hons)
(Laboratory Manager)

SIGNED



DATE 29-Feb-24

MURRAY RIX

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TEST CERTIFICATE

DETERMINATION OF PARTICLE DENSITY AND WATER ABSORPTION

BS EN 1097-6:2013:CLAUSE 9

METHODS FOR AGGREGATES PASSING THE 4mm TEST SIEVE AND RETAINED ON THE 0.063mm TEST SIEVE
(24 HOUR SOAKED)

CLIENT	NRE Aggregates Ltd
SITE	Port Salford
JOB NUMBER	MRN 24056/8

SITE REFERENCE	0/4mm	DATE SAMPLED	31 January 2024
SAMPLE NUMBER	416105	DATE RECEIVED	31 January 2024
DATE TESTED	18 December 2023	SAMPLED BY	Client

MATERIAL	0/4mm sand
ADVISED SUPPLIER	As client and site above

AGGREGATE SIZE TESTED	4mm to 0.063mm	WAS SAMPLE ARTIFICIALLY HEATED BEFORE TEST	No
-----------------------	----------------	--	----

Apparent particle density	2.66	Mg/m ³
Particle density on an oven dried basis	2.63	Mg/m ³
Particle density on a saturated and surface dried basis	2.64	Mg/m ³
Water absorption as % of dry mass	0.4	%

COMMENT / ANOMALIES

NAME O.P. Davies BA (Hons)
(Laboratory Manager)

SIGNED



DATE 29-Feb-24

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TEST CERTIFICATE

DETERMINATION OF PARTICLE DENSITY AND WATER ABSORPTION

BS EN 1097-6:2013:CLAUSE 9

METHODS FOR AGGREGATES PASSING THE 4mm TEST SIEVE AND RETAINED ON THE 0.063mm TEST SIEVE
(24 HOUR SOAKED)

CLIENT	NRE Aggregates Ltd
SITE	Port Salford
JOB NUMBER	MRN 24056/8

SITE REFERENCE	0/2mm	DATE SAMPLED	31 January 2024
SAMPLE NUMBER	416106	DATE RECEIVED	31 January 2024
DATE TESTED	02 February 2024	SAMPLED BY	Client

MATERIAL	0/2mm sand
ADVISED SUPPLIER	As client and site above

AGGREGATE SIZE TESTED	4mm to 0.063mm	WAS SAMPLE ARTIFICIALLY HEATED BEFORE TEST	No
-----------------------	----------------	--	----

Apparent particle density	2.60	Mg/m ³
Particle density on an oven dried basis	2.59	Mg/m ³
Particle density on a saturated and surface dried basis	2.60	Mg/m ³
Water absorption as % of dry mass	0.2	%

COMMENT / ANOMALIES

NAME O.P. Davies BA (Hons)
(Laboratory Manager)

SIGNED



DATE 29-Feb-24

FACTORY PRODUCTION PLAN & QUALITY PROTOCOL AGGREGATE RECOVERY FACILITY

Reference FP001/001

1. Overview

This plan relates to the manufacture of engineering materials for use in construction at Port Salford Aggregate Recycling Facility, Liverpool Road, Eccles, M30 7RX.

This plan sets out steps that are undertaken to ensure the quality of aggregates and engineering materials is attained and demonstrable.

This procedure should be read in conjunction with the Operational Plan and Schematic 1 which details the stages in production.

This Factory Protocol details the following:

- The specification of products and associated quality controls;
- The process stages, maintenance and responsibility;
- Waste acceptance criteria;
- Production and testing;
- Training;
- Records; and
- Documentation.

The responsibility for implementing this plan is the Peel NRE Limited Operation Director, Recycled Aggregates Sales Manager and Plant Manager.

2. Product Specification and Standards

2.1 Standards

All aggregates, sands and cohesive fill be manufactured following the principals set out in these standards:

- BS EN 13242: Aggregate for unbound and hydraulically bound materials for use in civil engineering and road construction; and
- BS EN 12620: Aggregates for concrete

2.2 Products, Specification and Quality Controls

Table 2.1 sets out the products manufactured. The standards may be supplemented by Client specific specification.

Table 2.1 Details of Products		
Product	Specification	Quality controls
Unbound recycled aggregate: pipe bedding	Specification for Highway Works (SHW) Series 500 Highway Authority and Utilities Committee: Specification for the reinstatement of openings in the Highway BS EN 13285: Unbound mixtures	As set out in standards.
Unbound recycled aggregate: Granular	Specification for Highway Works (SHW) Series 600	
Unbound recycled aggregate: sub-base	Specification for Highway Works (SHW) Series 600	
Unbound cohesive fill	Specification for Highway Works (SHW) Series 600	
Landfill cohesive liner	Specification for Highway Works (SWH) Series 600 Environment Agency LFE4 – Earthworks in landfill engineering, Table 4 “Minimum” Requirement	

FACTORY PRODUCTION PLAN & QUALITY PROTOCOL AGGREGATE RECOVERY FACILITY

Reference FP001/001

3. Implementation and Management of the Plan

3.1 Responsibility

The Operations Site Manager is the primary person responsible for this plan being implemented. They will ensure there is sufficient sources available for the training and testing of the materials.

The site and plant manager are responsible for the implementation of the inspection, maintenance, and testing requirements.

Sub-contractors, including testing, consultants will be responsible for adhering to this plan, as directed by Peel NRE Limited.

3.2 Distribution

This plan will be issued to and implemented by the Site Manager, Technical Competent Person and the Plant Manager. This includes the acceptance procedures, maintenance and inspection requirements and sampling protocols to be implemented.

3.3 Training

All responsible persons will receive training on the plan. This includes the managers and the organisations responsible for sampling.

3.4 Review

The Plan will either be reviewed on an annual basis or in the event of a significant production failure. The plan will be reviewed by the Operations Director.

4. Waste Acceptance Procedure

The pre-acceptance and waste acceptance procedures are set out in the Operational Plan.

5. Production and Testing

5.1 Overview

The plant will be operated, maintained and routinely inspected to ensure the feed stock are suitably processed and quality aggregated and engineering materials recovered/manufactured. Schematic 1 details the specific stages and a descriptive overview is provided in the Operational Plan. Schematic 2 set out the quality control process.

5.2 Operational Management, Maintenance, and Inspection

The plant will be operated and maintained in accordance the CDE Operational and Maintenance Plan and the Operational Plan. The Operational Plan details the site layout and operation.

The Plant will be serviced in line with the CDE and their suppliers requirements. Routine inspection will be implemented as set out in Table 5.1 along with the relevant frequency.

Table 5.1 Inspection Forms		
Reference	Title	Minimum Frequency
001	Feeder Hopper Checklist	Monthly
002	AGGMAX Checklist	Monthly
003	AquaCycle & Floccstation Checklist	Monthly
004	Filterpress Checklist	Monthly
005	Drainage Inspection	Quarterly

FACTORY PRODUCTION PLAN & QUALITY PROTOCOL AGGREGATE RECOVERY FACILITY

Reference FP001/001

5.3 Process water testing

The process waters will be monitored for the parameters and at the frequency set out in Table 5.2. The responsibility for undertaking routine testing is sub-contracted out to the contracted environmental consultancy to ensure consistency of sampling technique and analysis. The results will be tracked and a report issued.

Testing is limited to the contaminant of concern. The monitoring point will be the process water storage tank. All frequencies relate to operational periods. In the event the plant is operated periodically in a period, the frequency of testing will be adjusted pro-rata.

Table 5.2 Process water monitoring

Reference	Title	Minimum Frequency
Routine water monitoring	<i>Inorganic Compounds</i> Metals (Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Zinc) Non-metals (Cyanide) <i>Organic Compounds</i> Total Petroleum Hydrocarbons, Polycyclic Aromatic Hydrocarbons, BTEX, BOD and COD	At least monthly

5.4 Product testing

Sampling of product will be undertaken by approved sub-contractor. The contractor will only use suitably UKAS accredited laboratory. Geotechnical testing will be completed in accordance with Table 5.3. Frequencies presented in this section are considered a minimum and in the event of either marginal compliance or failure, frequencies will be increased. All frequencies relate to operational periods. In the event the plant is operated periodically in a period, the frequency of testing will be adjusted pro-rata.

Table 5.3 Geotechnical requirements

Type	Test	Test Reference	Minimum Frequency	
			1 st six months	After 1 st six months
Unbound granular material	Particle Size Distribution	BS EN 933-1	Weekly	Monthly
	Constituents	BS EN 933-1	Monthly	Quarterly
	Water soluble sulphate	EN 1744-1	Monthly	Quarterly
	Particle density	EN 1097-6	Monthly	Quarterly
	Water absorption	EN 1097-6	Quarterly	Annual
	LA Coefficient	EN 1097-2	Quarterly	Annual
Unbound cohesive	Particle Size Distribution	BS EN 933-2	Weekly	Monthly
	Plasticity	BS 1377-2	Monthly	Quarterly
	Undrained Triaxial at OMC	BS 1377-7	Monthly	Quarterly
	Optimum Moisture Content	BS 1377-4	Monthly	Quarterly
	Permeability at OMC (Rapid)	BS 1377-7	Quarterly	Quarterly
Note 1 – when testing landfill cohesive liner, use geotechnical testing will be completed in accordance with “Minimum Requirements” in Table 4 of Environment Agency ‘LFE4 – Earthworks in Landfill Engineering’.				
Note 2 – Water absorption and LA Coefficient in unbound granular material can only be on 10 and 20 mm material.				

The contractor will undertake the testing set out in Table 5.4 for each distinct product.

FACTORY PRODUCTION PLAN & QUALITY PROTOCOL AGGREGATE RECOVERY FACILITY

Reference FP001/001

Table 5.4 Environmental requirements

Type	Test	Parameters	Minimum Frequency
All product streams	Solid concentrations	<i>Inorganic Compounds</i> Metals (solid concentrations): Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Zinc Non-metals: Cyanide, Asbestos <i>Organic Compounds</i> Total Petroleum Hydrocarbons Polycyclic Aromatic Hydrocarbons	Clays & Sands: Monthly Aggregate: Full suite Quarterly; Asbestos monthly
	Concentration in Leachate (extraction method BS 12457 (L:S 10:1))	<i>Inorganic Compounds</i> Metals (solid concentrations) Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Zinc Non-metals: Cyanide	Clays & Sands: Monthly Aggregate: Full suite Quarterly

The results of the testing will be assessed against specification by the testing consultant and the certificated reports issued. The results will be screened for compliance. In accordance with the factory process, in the event of defect, the following actions will be implemented (dependent upon failure):

- Results will be checked with laboratory;
- The plant will be reviewed, including the grading screens;
- Inputs will be reviewed in period; and
- Affected material will be treated, transferred to feed stock and re-processed.

6.0 Documentation

- Maintenance and Inspection records will be maintained for at least a 12 month period;
- Certificated testing records will be maintained;
- Records of delivery will be maintained for at least 12 months detailed against specification;
- Records of the results and the product will be maintained on file for at least two years and available to clients on request;
- The quality results will be maintained by product line to ensure compliance; and
- Declaration of Performance will be maintained and available on request.

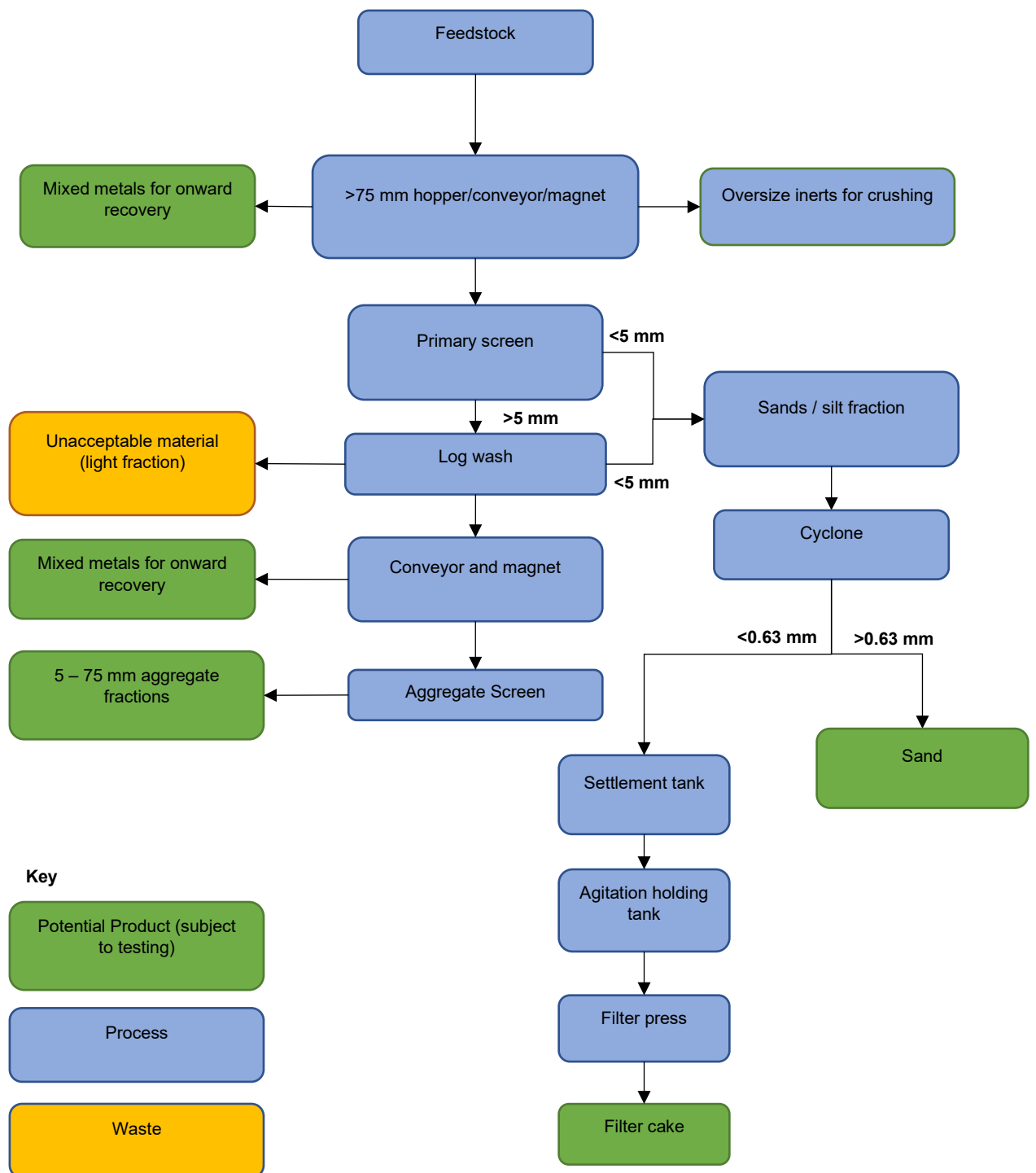
FACTORY PRODUCTION PLAN & QUALITY PROTOCOL AGGREGATE RECOVERY FACILITY

Reference FP001/001

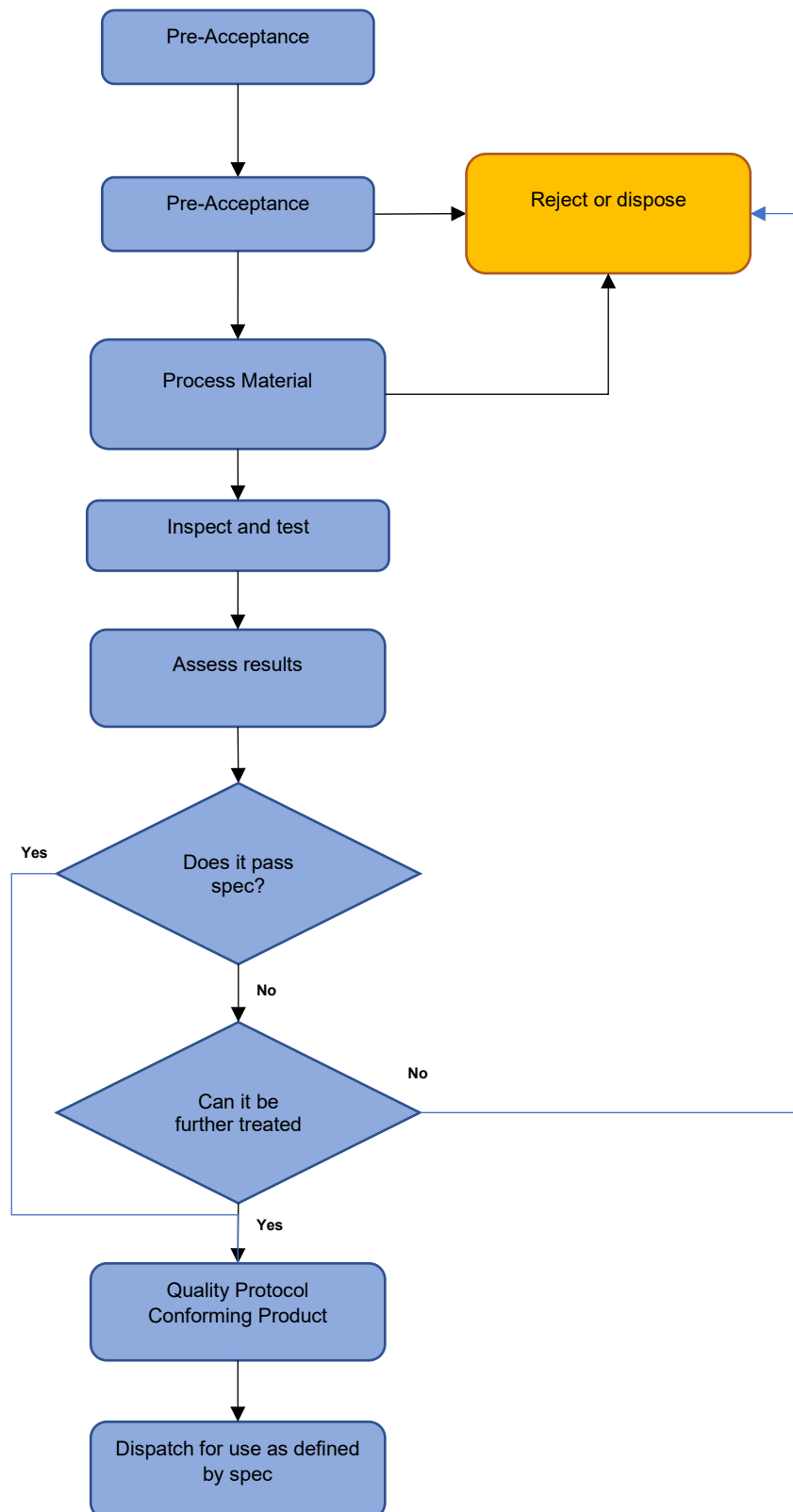


SCHEMATICS

Schematic 1: Soil Washing Process Flow Diagram



Schematic 2: Main Stages in Quality Production



MURRAY RIX

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TEL 0161 475 0870



TEST CERTIFICATE

DETERMINATION OF RESISTANCE TO FRAGMENTATION BY THE LOS ANGELES TEST METHOD

BS EN 1097-2:2020

CLIENT	NRE Aggregates Ltd
SITE	Port Salford

SAMPLE DETAILS

Job Number : MRN 24056/8
Laboratory sample number : 416103
Material : 10/20mm aggregate
Advised source : As client and site above
Site mark : 10/20mm aggregate
Certificate of sampling received : No
Date and time of sampling : 31-Jan-24
Date received at Laboratory : 31-Jan-24
Date of start of test : 02-Feb-24
Sampling Location : Site
Method of sampling : BS EN 932-1 : 1997
Sampled by : Client
Size Fraction : 34% passing 14mm retained 12.5mm
66% passing 12.5mm retained 10mm
Mass of dry sample tested : 5000g
Target specification : <50

RESULT

Los Angeles Coefficient : 37

Comment

NAME O.P. Davies BA (Hons
(Laboratory Manager)

SIGNED

DATE

29-Feb-24

TEST CERTIFICATE
PARTICLE SIZE DISTRIBUTION

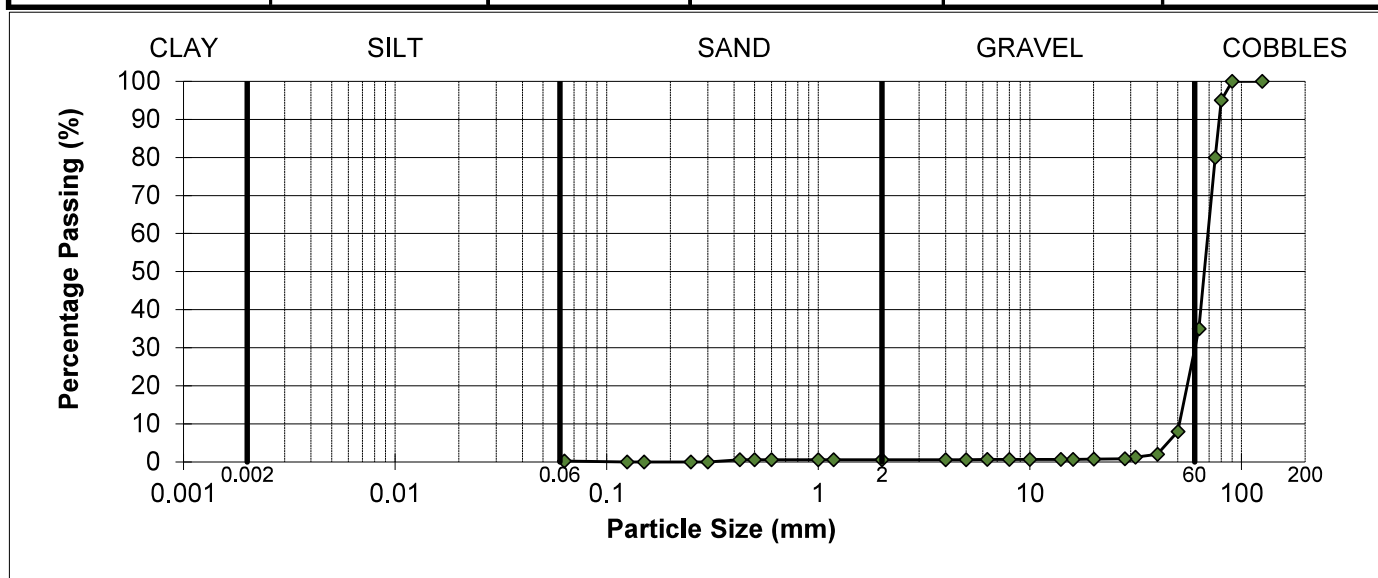
BS EN 933-1 : 2012 (Washing & Sieving Method)
Determination of water content in accordance with BS EN 1097-5:2008

CLIENT	NRE Aggregates Ltd
SITE	Port Salford
JOB NUMBER	MRN 24056/15

SAMPLE LABEL	40/80mm aggregate	DATE SAMPLED	20-Mar-24
LAB SAMPLE No	443601	DATE RECEIVED	20-Mar-24
DATE TESTED	22-Mar-24	SAMPLED BY	Client

MATERIAL	40/80mm aggregate
ADVISED SOURCE	As client and site above

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	100	6.3	1	
90	100	98-100	5	1	
80	95	85-99	4	1	
75	80		2	1	
63	35		1.18	1	
50	8		1	1	
40	2	0-15	0.6	1	
31.5	1		0.5	1	
28	1		0.425	1	
20	1	0-5	0.3	0	
16	1		0.25	0	
14	1		0.15	0	
10	1		0.125	0	
8	1		0.063	0.2	



REMARKS

Sample complies with the advised grading specification for a G_c85-15 as shown in Table 2 BS EN 13242:2002+A1:2007
As received water content = 5.2%

SIGNED



NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

05-Apr-24

FACTORY PRODUCTION PLAN & QUALITY PROTOCOL AGGREGATE RECOVERY FACILITY

Reference FP001/001

1. Overview

This plan relates to the manufacture of engineering materials for use in construction at Port Salford Aggregate Recycling Facility, Liverpool Road, Eccles, M30 7RX.

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2. Product Specification and Standards

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Unbound recycled aggregate: Granular	Specification for Highway Works (SHW) Series 600	
Unbound recycled aggregate: sub-base	Specification for Highway Works (SHW) Series 600	
Unbound cohesive fill	Specification for Highway Works (SHW) Series 600	
Landfill cohesive liner	Specification for Highway Works (SWH) Series 600 Environment Agency LFE4 – Earthworks in landfill engineering, Table 4 “Minimum” Requirement	

FACTORY PRODUCTION PLAN & QUALITY PROTOCOL AGGREGATE RECOVERY FACILITY

Reference FP001/001

3. Implementation and Management of the Plan

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Reference	Title	Minimum Frequency
001	Feeder Hopper Checklist	Monthly
002	AGGMAX Checklist	Monthly
003	AquaCycle & Floccstation Checklist	Monthly
004	Filterpress Checklist	Monthly
005	Drainage Inspection	Quarterly

FACTORY PRODUCTION PLAN & QUALITY PROTOCOL AGGREGATE RECOVERY FACILITY

Reference FP001/001

5.3 Process water testing

The process waters will be monitored for the parameters and at the frequency set out in Table 5.2. The responsibility for undertaking routine testing is sub-contracted out to the contracted environmental consultancy to ensure consistency of sampling technique and analysis. The results will be tracked and a report issued.

Testing is limited to the contaminant of concern. The monitoring point will be the process water storage tank. All frequencies relate to operational periods. In the event the plant is operated periodically in a period, the frequency of testing will be adjusted pro-rata.

Table 5.2 Process water monitoring

Reference	Title	Minimum Frequency
Routine water monitoring	<i>Inorganic Compounds</i> Metals (Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Zinc) Non-metals (Cyanide) <i>Organic Compounds</i> Total Petroleum Hydrocarbons, Polycyclic Aromatic Hydrocarbons, BTEX, BOD and COD	At least monthly

5.4 Product testing

Sampling of product will be undertaken by approved sub-contractor. The contractor will only use suitably UKAS accredited laboratory. Geotechnical testing will be completed in accordance with Table 5.3. Frequencies presented in this section are considered a minimum and in the event of either marginal compliance or failure, frequencies will be increased. All frequencies relate to operational periods. In the event the plant is operated periodically in a period, the frequency of testing will be adjusted pro-rata.

Table 5.3 Geotechnical requirements

Type	Test	Test Reference	Minimum Frequency	
			1 st six months	After 1 st six months
Unbound granular material	Particle Size Distribution	BS EN 933-1	Weekly	Monthly
	Constituents	BS EN 933-1	Monthly	Quarterly
	Water soluble sulphate	EN 1744-1	Monthly	Quarterly
	Particle density	EN 1097-6	Monthly	Quarterly
	Water absorption	EN 1097-6	Quarterly	Annual
	LA Coefficient	EN 1097-2	Quarterly	Annual
Unbound cohesive	Particle Size Distribution	BS EN 933-2	Weekly	Monthly
	Plasticity	BS 1377-2	Monthly	Quarterly
	Undrained Triaxial at OMC	BS 1377-7	Monthly	Quarterly
	Optimum Moisture Content	BS 1377-4	Monthly	Quarterly
	Permeability at OMC (Rapid)	BS 1377-7	Quarterly	Quarterly
Note 1 – when testing landfill cohesive liner, use geotechnical testing will be completed in accordance with “Minimum Requirements” in Table 4 of Environment Agency ‘LFE4 – Earthworks in Landfill Engineering’.				
Note 2 – Water absorption and LA Coefficient in unbound granular material can only be on 10 and 20 mm material.				

The contractor will undertake the testing set out in Table 5.4 for each distinct product.

FACTORY PRODUCTION PLAN & QUALITY PROTOCOL AGGREGATE RECOVERY FACILITY

Reference FP001/001

Table 5.4 Environmental requirements

Type	Test	Parameters	Minimum Frequency
All product streams	Solid concentrations	<i>Inorganic Compounds</i> Metals (solid concentrations): Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Zinc Non-metals: Cyanide, Asbestos <i>Organic Compounds</i> Total Petroleum Hydrocarbons Polycyclic Aromatic Hydrocarbons	Clays & Sands: Monthly Aggregate: Full suite Quarterly; Asbestos monthly
	Concentration in Leachate (extraction method BS 12457 (L:S 10:1))	<i>Inorganic Compounds</i> Metals (solid concentrations) Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Zinc Non-metals: Cyanide	Clays & Sands: Monthly Aggregate: Full suite Quarterly

The results of the testing will be assessed against specification by the testing consultant and the certificated reports issued. The results will be screened for compliance. In accordance with the factory process, in the event of defect, the following actions will be implemented (dependent upon failure):

- Results will be checked with laboratory;
- The plant will be reviewed, including the grading screens;
- Inputs will be reviewed in period; and
- Affected material will be treated, transferred to feed stock and re-processed.

6.0 Documentation

- Maintenance and Inspection records will be maintained for at least a 12 month period;
- Certificated testing records will be maintained;
- Records of delivery will be maintained for at least 12 months detailed against specification;
- Records of the results and the product will be maintained on file for at least two years and available to clients on request;
- The quality results will be maintained by product line to ensure compliance; and
- Declaration of Performance will be maintained and available on request.

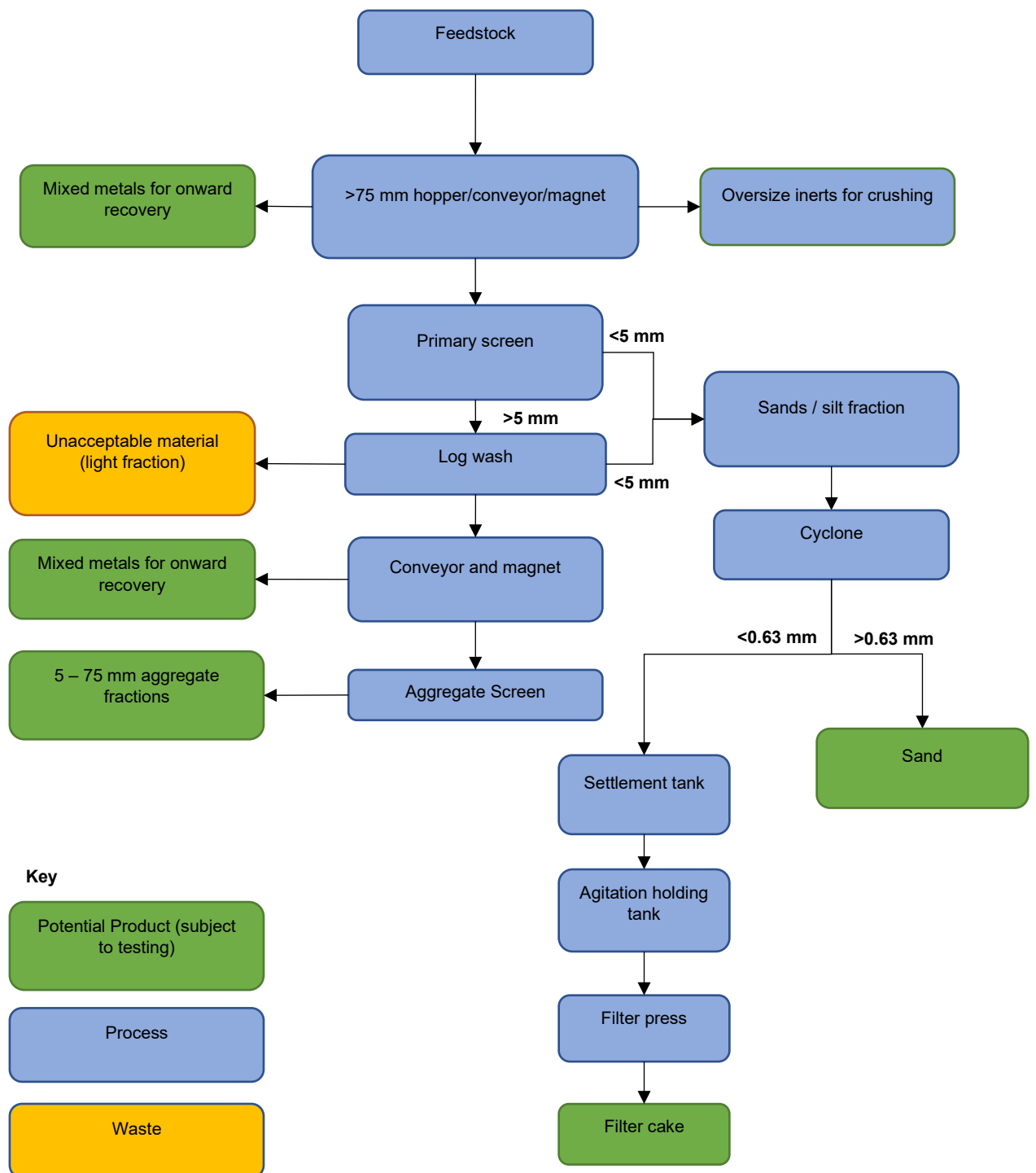
FACTORY PRODUCTION PLAN & QUALITY PROTOCOL AGGREGATE RECOVERY FACILITY

Reference FP001/001

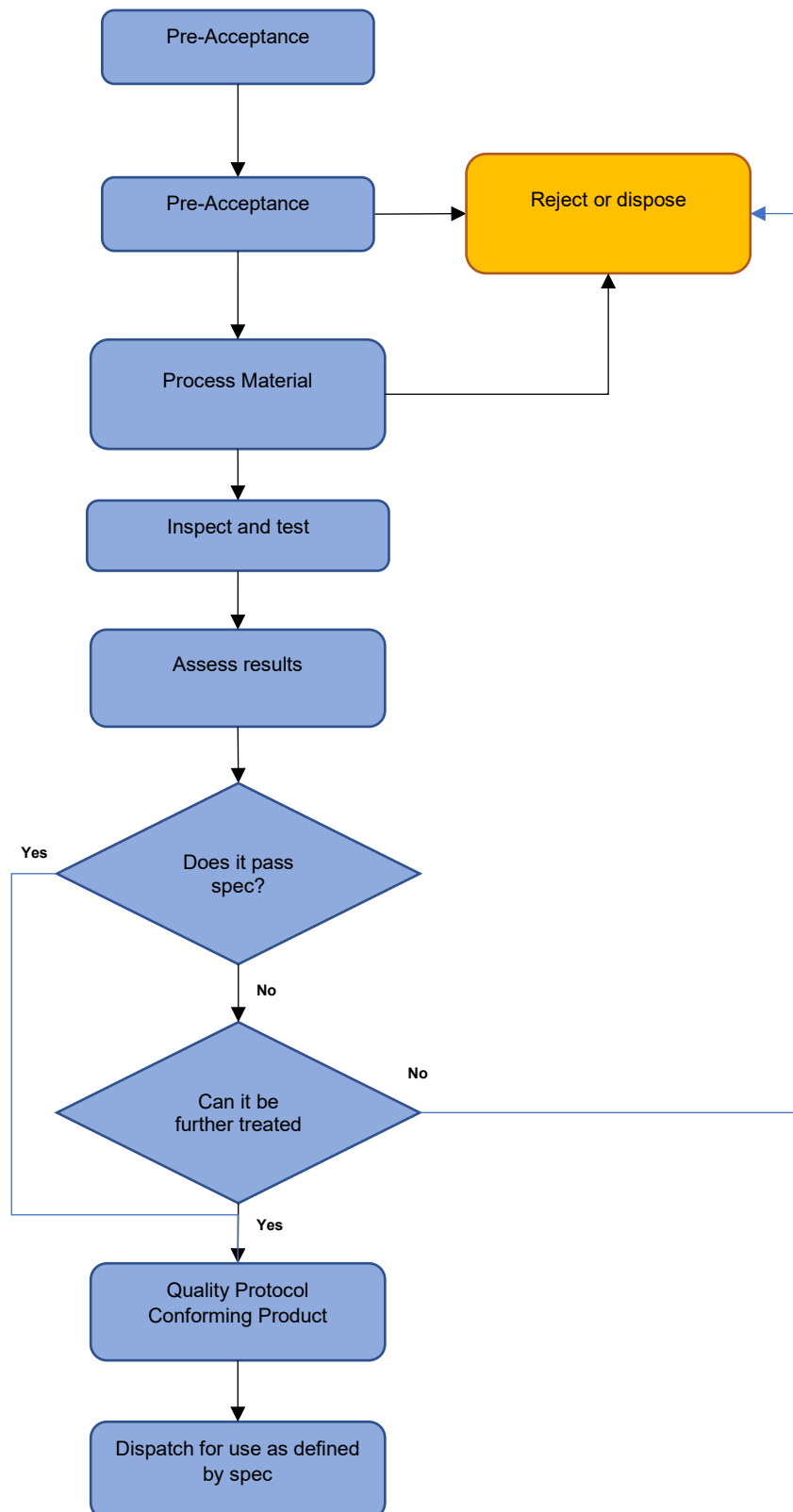


SCHEMATICS

Schematic 1: Soil Washing Process Flow Diagram



Schematic 2: Main Stages in Quality Production



Appendix G. Chemical Screening





Assessment Criteria :		Manual SSAC																
CaCO (mg/l):		96.00	pH		7.90													
Calcium (mg/l):		50.60	DOC (mg/l)		7.11		Catchment area:		Freshwater not listed									
Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences						Location					
													Sample ID					
													Depth					
													Date					
													Strata					
Locations of Exceedences												Zone						
pH at 20C		4.0	No WSV	3	8.1	8.6	0							GH 2	GH 2	GH 2		
Electrical Conductivity at 25C	µS/cm	1.0	No WSV	3	11	14	0							385	386	387		
Chloride	mg/l	1.0	No WSV	3	<1	<1	0							Dressing Layerm	Dressing Layerm	Dressing Layerm		
Ammonia (Free)	mg/l	0.050	No WSV	3	<0.05	<0.05	0							05-Aug-2024	05-Aug-2024	05-Aug-2024		
Sulphate	mg/l	1.0	No WSV	3	<1	1.5	0							20mm Final Layer	20mm Final Layer	20mm Final Layer		
Cyanide (Total)	mg/l	0.050	No WSV	3	<0.05	<0.05	0											
Cyanide (Free)	mg/l	0.050	No WSV	3	<0.05	<0.05	0											
Thiocyanate	mg/l	0.50	No WSV	3	<0.5	<0.5	0											
Cyanide (Complex)	mg/l	0.050	No WSV	3	<0.05	<0.05	0											
Sulphide	mg/l	0.050	No WSV	3	<0.05	<0.05	0											
Arsenic (Dissolved)	mg/l	0.0002	No WSV	3	<0.0002	<0.0002	0											
Cadmium (Dissolved)	mg/l	0.00011	No WSV	3	<0.00011	<0.00011	0											
Chromium (Dissolved)	mg/l	0.0005	No WSV	3	<0.0005	<0.0005	0											
Copper (Dissolved)	mg/l	0.0005	No WSV	3	<0.0005	<0.0005	0											
Mercury (Dissolved)	mg/l	0.00005	No WSV	3	<0.00005	<0.00005	0											
Nickel (Dissolved)	mg/l	0.0005	No WSV	3	<0.0005	<0.0005	0											
Lead (Dissolved)	mg/l	0.0005	No WSV	3	<0.0005	<0.0005	0											
Selenium (Dissolved)	mg/l	0.0005	No WSV	3	<0.0005	<0.0005	0											
Zinc (Dissolved)	mg/l	0.002	No WSV	3	<0.003	<0.003	0											
Iron (Dissolved)	mg/l	0.005	No WSV	3	<0.005	<0.005	0											
Total Organic Carbon	mg/l	2.0	No WSV	3	3	3.1	0											
Total TPH >C6-C40	mg/l	0.010	No WSV	3	<0.01	<0.01	0											
Benzene	mg/l	0.0010	No WSV	3	<0.001	<0.001	0											
Toluene	mg/l	0.0010	No WSV	3	<0.001	<0.001	0											
Ethylbenzene	mg/l	0.0010	No WSV	3	<0.001	<0.001	0											
m & p-Xylene	mg/l	0.0010	No WSV	3	<0.001	<0.001	0											
o-Xylene	mg/l	0.0010	No WSV	3	<0.001	<0.001	0											
Naphthalene	mg/l	0.000010	No WSV	3	<0.00001	<0.00001	0											
Acenaphthylene	mg/l	0.000	No WSV	3	<0	0	0											
Acenaphthene	mg/l	0.000	No WSV	3	<0	0	0											
Fluorene	mg/l	0.000	No WSV	3	<0	0	0											
Phenanthrene	mg/l	0.000	No WSV	3	<0	0	0											
Anthracene	mg/l	0.000	No WSV	3	<0	0	0											
Fluoranthene	mg/l	0.000	0.00003	3	<0	0	0											
Pyrene	mg/l	0.00001	No WSV	3	<0.00001	<0.00001	0											
Benzo[a]anthracene	mg/l	0.000	No WSV	3	<0	0	0											
Chrysene	mg/l	0.000	No WSV	3	<0	0	0											
Benzo[b]fluoranthene	mg/l	0.000	No WSV	3	<0	0	0											
Benzo[k]fluoranthene	mg/l	0.000	No WSV	3	<0	0	0											
Benzo[a]pyrene	mg/l	0.000010	No WSV	3	<0.00001	<0.00001	0											
Indeno(1,2,3-c,d)Pyrene	mg/l	0.000	No WSV	3	<0	0	0											
Dibenz(a,h)Anthracene	mg/l	0.000	No WSV	3	<0	0	0											
Benzo(g,h,i)perylene	mg/l	0.000	No WSV	3	<0	0	0											
Total Of 16 PAH's	mg/l	0.00	No WSV	3	<0	0	0											
Resorcinol	mg/l	0.0050	No WSV	3	<0.005	<0.005	0											
Phenol	mg/l	0.0050	No WSV	3	<0.005	<0.005	0											
Cresols	mg/l	0.0050	No WSV	3	<0.005	<0.005	0											
Xylenols	mg/l	0.0050	No WSV	3	<0.005	<0.005	0											
1-Naphthol	mg/l	0.0050	No WSV	3	<0.005	<0.005	0											
Trimethylphenols	mg/l	0.0050	No WSV	3	<0.005	<0.005	0											
Total Phenols	mg/l	0.030	No WSV	3	<0.03	<0.03	0											

Assessment Criteria :		Manual SSAC																			
Use MRL Values?																					
Constituent	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedances	Locations of Exceedances	Location		GH2	GH2	GH2	GH2	GH2	GH2	GH2	GH2	GH2		
									Sample ID	6F5	6F5	6F5	6F5	6F5	0mm Gritstone	0mm Gritstone	0mm Gritstone				
									Depth	Ramp	Ramp	Ramp	Capping Layer	Capping Layer	Capping Layer	Final Layer	Final Layer	Final Layer			
									Date	18-Sep-2023	18-Sep-2023	18-Sep-2023	25-Jul-2024	25-Jul-2024	25-Jul-2024	05-Aug-2024	05-Aug-2024	05-Aug-2024			
									Strata	Zone	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL			
ACM Type		N/A	No SSV	0	-	-	0				-	-	-	-	-	-	-	-	-		
Asbestos Identification		N/A	No SSV	9	-	-	0				No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected		
Moisture	%	0.020	No SSV	9	0.47	27	0				7.5	8.1	9.2	8.9	27	0.85	0.67	0.47	0.92		
Stones and Removed Materials	%	0.020	No SSV	6	<0.02	<0.02	0							<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		
pH at 20C		4.0	No SSV	9	8.3	11.1	0				9.3	9.2	9	11.1	9.4	10.4	8.3	8.4	8.5		
Boron (Hot Water Soluble)	mg/kg	0.40	No SSV	9	<0.4	1.2	0				<0.4	0.46	0.78	0.77	1.2	0.98	<0.4	<0.4	<0.4		
Sulphate (2:1 Water Soluble) as SO4	g/l	0.010	No SSV	6	0.019	1.1	0							1	0.91	1.1	0.027	0.02	0.019		
Sulphur (Elemental)	mg/kg	1.0	No SSV	9	<1	15	0				11	<1	15	2.4	5	4.5	3.3	<1	<1		
Chloride (Extractable)	mg/kg	20	No SSV	9	<20	80	0				66	26	60	80	64	68	<20	<20	<20		
Cyanide (Complex)	mg/kg	0.50	No SSV	9	<0.5	0.9	0				<0.5	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	<0.5	<0.5		
Cyanide (Free)	mg/kg	0.50	34	9	<0.5	<0.5	0				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Cyanide (Total)	mg/kg	0.50	No SSV	9	<0.5	0.9	0				<0.5	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	<0.5	<0.5		
Thiocyanate	mg/kg	5.0	No SSV	9	<5	<5	0				<5	<5	<5	<5	<5	<5	<5	<5	<5		
Ammonium (Extractable)	mg/kg	0.50	No SSV	9	<0.5	17	0				1.4	0.87	1	1.9	17	2	0.92	0.82	<0.5		
Arsenic	mg/kg	0.5	39.9	9	0.8	7.9	0				4.3	2.7	6.5	4.2	7.9	6.2	0.8	1.3	1.2		
Barium	mg/kg	0.5	1340	6	32	110	0							69	110	110	32	59	37		
Beryllium	mg/kg	0.5	No SSV	6	<0.5	0.5	0							<0.5	0.5	<0.5	<0.5	<0.5	<0.5		
Cadmium	mg/kg	0.10	149	9	<0.1	0.63	0				0.19	0.63	<0.1	0.28	0.57	0.21	<0.1	<0.1	<0.1		
Chromium	mg/kg	0.5	16700	9	7.5	21	0				19	9.6	13	11	21	20	7.6	9.3	7.5		
Molybdenum	mg/kg	0.5	No SSV	6	<0.5	1	0							0.8	1	0.9	<0.5	<0.5	<0.5		
Antimony	mg/kg	2.0	473	6	<2	<2	0							<2	<2	<2	<2	<2	<2		
Copper	mg/kg	0.50	9060	9	4.6	33	0				14	6.4	9.2	19	33	24	29	7.6	4.6		
Mercury	mg/kg	0.05	No SSV	9	<0.05	0.26	0				0.13	<0.05	0.06	0.1	0.19	0.26	<0.05	<0.05	<0.05		
Nickel	mg/kg	0.50	188	9	4.7	18	0				10	4.7	11	9.9	18	18	10	12	9		
Lead	mg/kg	0.50	313	9	7.3	200	0				200	19	22	69	69	68	12	12	7.3		
Selenium	mg/kg	0.25	595	9	<0.25	0.39	0				0.39	<0.25	0.33	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25		
Zinc	mg/kg	0.50	47000	9	22	150	0				44	24	22	97	140	150	34	28	22		
Chromium (Hexavalent)	mg/kg	0.50	20.5	9	<0.5	<0.5	0				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Aliphatic VPH >C5-C6	mg/kg	0.05	42.9	9	<0.05	<0.05	0				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05		
Aliphatic VPH >C6-C7	mg/kg	0.05	99.6	9	<0.05	<0.05	0				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05		
Aliphatic VPH >C7-C8	mg/kg	0.05	99.6	9	<0.05	<0.05	0				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05		
Aliphatic VPH >C6-C8 (Sum)	mg/kg	0.10	99.6	9	<0.1	<0.1	0				<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
Aliphatic VPH >C8-C10	mg/kg	0.05	13.9	9	<0.05	<0.05	0				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05		
Total Aliphatic VPH >C5-C10	mg/kg	0.25	No SSV	9	<0.25	<0.25	0				<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25		
Aliphatic EPH >C10-C12 MC	mg/kg	2.00	81.8	9	<2	3.1	0				<2	2.3	<2	<2	<2	<2	<2	3.1	<2		
Aliphatic EPH >C12-C16 MC	mg/kg	1.00	385	9	<1	1.9	0				<1	<1	1.3	1.9	1.1	1.4	<1	<1	<1		
Aliphatic EPH >C16-C21 MC	mg/kg	2.00	212000	9	<2	18	0				<2	2.2	<2	5	6.2	18	<2	<2	<2		
Aliphatic EPH >C21-C35 MC	mg/kg	3.00	212000	9	<3	120	0				13	8.4	<3	50	60	120	<3	<3	<3		
Aliphatic EPH >C35-C40 MC	mg/kg	10.00	No SSV	9	<10	18	0				<10	<10	<10	16	14	18	<10	<10	<10		
Total Aliphatic EPH >C10-C35 MC	mg/kg	5.00	212000	9	<5	140	0				16	14	<5	58	68	140	<5	<5	<5		
Total Aliphatic EPH >C10-C40 MC	mg/kg	10.00	No SSV	9	<10	160	0				16	14	<10	74	82	160	<10	<10	<10		
Aromatic VPH >C5-C7	mg/kg	0.05	0.31	9	<0.05	<0.05	0				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05		
Aromatic VPH >C7-C8	mg/kg	0.05	312	9	<0.05	<0.05	0				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05		
Aromatic VPH >C8-C10	mg/kg	0.05	22.7	9	<0.05	<0.05	0				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05		
Total Aromatic VPH >C5-C10	mg/kg	0.25	No SSV	9	<0.25	<0.25	0				<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25		
Aromatic EPH >C10-C12 MC	mg/kg	1.00	139	9	<1	1.1	0				<1	<1	<1	1.1	1.1	<1	<1	<1	<1		
Aromatic EPH >C12-C16 MC	mg/kg	1.00	703	9	<1	4.6	0				<1	4.6	<1	1.3	1.1	1.5	<1	<1	<1		
Aromatic EPH >C16-C21 MC	mg/kg	2.00	No SSV	9	3.5	42	0				18	42	3.9	28	34	21	4.1	3.5	3.7		
Aromatic EPH >C21-C35 MC	mg/kg	2.00	1930	9	<2	130	0				130	82	2.9	25	26	31	<2	<2	<2		
Aromatic EPH >C35-C40 MC	mg/kg	1.00	No SSV	9	<1	65	0				65	13	<1	27	23	19	<1	<1	<1		
Total Aromatic EPH >C10-C35 MC	mg/kg	5.00	1930	9	<5	150	0				150	130	6.7	55	62	54	<5	<5	<5		
Total Aromatic EPH >C10-C40 MC	mg/kg	10.00	1930	9	<10	210	0				210	140	<10	82	85	73	<10	<10	<10		
Total VPH >C5-C10	mg/kg	0.50	No SSV	9	<0.5	<0.5	0				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Total EPH >C10-C35 MC	mg/kg	10.00	No SSV	9	<10	230	0				160	140	11	120	140	230	<10	<10	<10		
Total EPH >C10-C40 MC	mg/kg	10.00	No SSV	9	<10	260	0				230	160	11	160	180	260	<10	<10	<10		
LOI	%	0.10	No SSV	9	0.6	30	0				1.7	0.74	1.2	30	2.6	3.8	0.93	0.6	0.64		
Fraction of Organic Carbon		0.0010	No SSV	9	0.004	0.032	0				0.014	0.032	0.011	0.016	0.021	0.015	0.0094	0.004	0.0047		
Benzene	mg/kg	0.001	0.31	6	<0.001	<0.001															



Assessment Criteria :		Manual SSAC																			
Use MRL Values?																					
		Unit of Detection	Analytical Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedances		Location		GH2	GH2	GH2	GH2	GH2	GH2	GH2	GH2	GH2		
									Sample ID		6F5	6F5	6F5	6F5	6F5	6F5	0mm Gritstone	0mm Gritstone	0mm Gritstone		
									Depth		Ramp	Ramp	Ramp	Capping Layer	Capping Layer	Capping Layer	Final Layer	Final Layer	Final Layer		
									Date		18-Sep-2023	18-Sep-2023	18-Sep-2023	25-Jul-2024	25-Jul-2024	25-Jul-2024	05-Aug-2024	05-Aug-2024	05-Aug-2024		
									Strata		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL		
1-Naphthol	mg/kg	0.020	No SSV	9	<0.02	<0.02	0			<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		
Trimethylphenols	mg/kg	0.020	No SSV	9	<0.02	<0.02	0			<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		
Catechols	mg/kg	0.020	No SSV	9	<0.02	<0.02	0			<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		
Xylenols & Ethylphenols	mg/kg	0.020	No SSV	6	<0.02	<0.02	0					<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		
Total Phenols	mg/kg	0.10	No SSV	9	<0.1	0.61	0			0.61	0.12	<0.1	0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
Soil Colour	N	N/A	No SSV	9	-	-	0			Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown		
Other Material	N	N/A	No SSV	9	-	-	0			Stones	Stones	Stones and Wood	Stones	Roots and Stones	Stones	Stones	Stones	Stones	Stones		
Soil Texture	N	N/A	No SSV	9	-	-	0			Gravel	Gravel	Clay	Sand	Sand	Sand	Gravel	Gravel	Tarmac			
Iron (Total)	mg/kg	100	No SSV	3	2200	8400	0			7900	2200	8400									
Sulphate (2:1 Extract)	mg/kg	20	No SSV	3	220	1400	0			720	220	1400									
Benzene	mg/kg	0.0010	0.31	3	<0.001	<0.001	0			<0.001	<0.001	<0.001									
Toluene	mg/kg	0.0010	312	3	<0.001	<0.001	0			<0.001	<0.001	<0.001									
Ethylbenzene	mg/kg	0.0010	85	3	<0.001	<0.001	0			<0.001	<0.001	<0.001									
m & p-Xylene	mg/kg	0.0010	28	3	<0.001	<0.001	0			<0.001	<0.001	<0.001									
o-Xylene	mg/kg	0.0010	30	3	<0.001	<0.001	0			<0.001	<0.001	<0.001									

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