GroundSolve Ltd
Consulting Geotechnical Engineers

WYNNSTAY TECHNOLOGY PARK - VERIFICATION REPORT (AREAS 1 AND 2)

GSL3224R02

VERSION 3

29/01/2026

Revision B

Prepared for: Castlemead Group Ltd

Prepared by: Alex Ridge

Castlemead
GROUP LIMITED

GroundSolve Ltd
Consulting Geotechnical Engineers

DOCUMENT CONTROL

Report No. :	GSL3224R02
Report Status:	Revision B
Version No.:	3
Project Engineer:	Alex Ridge
Date of Issue:	29/01/2026

This report has been prepared by GroundSolve Ltd with all reasonable care and diligence, within the best practice and guidance current at the time of issue within the proposed redline boundary and proposed Site end use as presented by the Client.

This report is confidential to the Client and GroundSolve Ltd accepts no responsibility whatsoever to third parties to whom this report is presented.

Version No.	Description of Issue / Revision	Date of Issue	Author	Reviewed By	Approved By
1	Final	07/11/2025	Alex Ridge	Eve Rowland	James Thorburn
			BSc (Hons) FGS	MESci (Hons) FGS	BSc (Hons) FGS)
2	Revision A	01/12/2025	Alex Ridge	Eve Rowland	James Thorburn
			BSc (Hons) FGS	MESci (Hons) FGS	BSc (Hons) FGS)
3	Revision B	29/01/2026	Alex Ridge	Eve Rowland	James Thorburn
			BSc (Hons) FGS	MESci (Hons) FGS	BSc (Hons) FGS)

CONTENTS

1 INTRODUCTION 4
1.1 Proposed Development 4
1.2 Objectives 5
1.3 Previous Investigations 6
1.4 Limitations 6
2 SITE DETAILS AND DESCRIPTION 7
3 PREVIOUS INVESTIGATIONS 8
3.1 Site History Review 8
4 VERIFICATION OF TOPSOIL AND SUBSOIL 9
4.1 Introduction 9
4.2 Unexpected Contamination 11
4.3 Site works 11
4.4 Description of Topsoil and Thickness 12
4.5 Verification of Topsoil and Subsoil – Sampling and Testing 14
5 CONCLUSIONS 17
5.1 Clean Cover Depth 17
5.2 Topsoil and subsoil Material 17
5.3 Conclusions 18
6 REFERENCES 19
7 DEFINITIONS 20

APPENDICES

APPENDIX A – DRAWINGS
APPENDIX B – CLEAN COVER VERIFICATION PHOTOGRAPHs
APPENDIX C – CHEMICAL TEST RESULTS
APPENDIX D – SUMMARY OF CHEMICAL TEST DATA
APPENDIX E – IMPORT MATERIAL DOCUMENTATION

1 INTRODUCTION

GroundSolve Ltd was commissioned by Castlemead Group Ltd to undertake a verification report for the residential development referred to as Wynnstay Technology Park (the "Site").

This report has been devised to generally comply with the relevant principles and requirements of a range of guidance including:

- Welsh Local Government Assoc- Development of Land Affected by Contamination Guide for Developers 2017.
- Wrexham County Council, The Development of Sites with Land Contamination. Local planning guidance note, No.23.
- Part IIA of the Environment Protection Act, 1990.
- BS5930:2015: "Code of practice for site investigations".
- BS10175: 2011 +A2:2017 "Investigation of Potentially Contaminated Sites - Code of Practice".
- The Building Regulations 2010. Part C (HM Government 2013).

1.1 Proposed Development

The proposed development comprises of 43 No. residential properties with associated parking and garden areas. This verification report relates to Area 1 and Area 2 within **Figure 1** below.



Extract from proposed development plan (see Appendix A, Figure 1)

The findings and conclusions of the risk assessments have been set out and recommendations given for the proposed residential end use.

1.2 Objectives

The report provides verification of site material, compares site conditions and soil chemical parameters to the specification for verification as agreed with Wrexham County Council in the Remediation Strategy outlined in GroundSolve Ltd report 3060/02 Issue 02, 28th March 2024.

1.3 Previous Investigations

A number of previous investigations have been undertaken by GroundSolve Ltd in relation to the proposed and current residential development. A list of these reports is presented below:

- Phase II Geo-environmental Report (Ref:2387, issued October 2020).
- Phase I Preliminary Risk Assessment (Ref: 2949, issued August 2023).
- Phase II Preliminary Risk Assessment (Ref: 2949, issued Sept 2023).
- Phase II – Additional Phase 2 Ground Investigation (Ref:3060R01, issued March 2024)
- Additional Phase 2 Factual Report (Ref:3060R02, issued April 2024) – Topsoil reuse Assessment
- Additional Phase 2 Factual Report GSL3120LR01 - Oct24) – Subsoil reuse Assessment

The previous site investigation reports are discussed and summarised in **Section 3** of this report.

1.4 Limitations

This report has been prepared for the sole use of Castlemead Group Ltd. No other third party may rely upon or reproduce the contents of this report without the written approval of GroundSolve Ltd. If any unauthorised third party comes into possession of this report, they rely on it entirely at their own risk.

2 SITE DETAILS AND DESCRIPTION

Table 2.1 Current Site Overview.

Site name	Wynnstay Technology Park.
Site address	Wynnstay Technology Park, Ruabon, Wrexham LL14 6EN.
National Grid Reference (NGR)	329226 343570.
Approximate Site area	2.07ha.
Site shape	Roughly Rectangular.
Current land use on the Site	Residential development
Surrounding land uses	Two commercial sites border to the east (Oakland Egg Packing Plant) and south (Wrexham Mineral Cables). Residential properties are present to the west, and an electricity substation is present to the north. The site is bordered by Llangollen Road to the north and Wynnstay Lane to the west.
General topography and ground levels	The central part of the site is relatively flat with a general slope from northeast 126m OD to southwest 123m OD. The northern and eastern boundary are formed by raised embankments which are typically 2.0m to 4.0m higher than the rest of the site.

3 PREVIOUS INVESTIGATIONS

3.1 Site History Review

A number of previous investigations have been carried out on the site. A summary of the findings from the previous investigations are given below:

Table 3.1: Summary of Previous Investigations.

Site History	The earliest available mapping (1873) indicates a shaft located within the southern half, which was associated with the adjacent Wynnstay Colliery with the remainder agricultural fields. By 1899 the shaft is marked as disused, and a secondary air shaft is also identified immediately to the northeast. From 1899 onwards the site is used for the tipping of mining spoil from the colliery via a tramway until its closure in 1962. By 1989 the site and the surrounding areas had extensive earthworks which had reprofiled the ground levels for the site to be redeveloped into Wynnstay Technology Park. The embankment has remained along the western and northern boundaries. The mine shaft was grouted and capped as part of the redevelopment. The site remains broadly undeveloped to the present.
Geological Setting	Made Ground is present typically to 1.00m bgl comprising colliery spoil – gravelly sand / sandy gravel including ash, clinker, coal brick, concrete. The superficial deposits present on site are shown to comprise Glacial Till overlying the solid geology of the Pennine Lower Coal Measures Formation and Pennine Middle Coal Measures Formation (Undifferentiated) - Mudstone, Siltstone and Sandstone. The superficial aquifer on site is classed as Secondary Undifferentiated of low groundwater vulnerability. The bedrock aquifer on site is classed as Secondary A of low groundwater vulnerability.
Mining	The mining risk assessment indicates that the site could be affected by underground mining from 6 coal seams, however these are very deep ranging from 140m to 320m depth, and last worked in 1927. The Coal Authority have indicated that any movement in the ground due to coal mining activity associated with these workings should have stopped by now. The coal shaft present to the south of the residential development was grouted and capped in 1990. An associated air shaft was shown to be present on the 1899 mapping however this is not identified within the coal consultant's report.
Waste	Waste material from the past mining activities it likely to be on site in the form of made ground.
Contamination Sources	**Onsite** The previous ground investigations identified elevated metal concentrations within the shallow soils within the northern area. The installation of a validated cover system was agreed with the local authority.

4 VERIFICATION OF TOPSOIL AND SUBSOIL

4.1 Introduction

The risk assessments have concluded remediation measures are required in the form of 150mm thickness of topsoil with 450mm thickness of subsoil to address risks to human health and provide a clean cover system within Area 1 and a minimum 200mm thickness of topsoil in Area 2.

The remedial actions required are:

Area 1

- Cover systems, 600 mm in thickness, are to extend across the whole garden area, regardless of the proposed surface cover (this includes any decking and any areas of artificial lawn).
- Clean cover in garden and soft landscaping area to comprise a minimum thickness of 150 mm of topsoil over a 450 mm thick subsoil.
- Should extensions be proposed to properties which are known to have cover systems, it is essential that the cover system is maintained, and soils at depth are not moved to the surface, compromising the cover system. It is recommended that the presence of a cover system at the property is conveyed to new house owners within the sale pack for their awareness, as permitted development rights allow some forms of extensions for which planning permission is not required.
- The topsoil used in Area 1 was partially original site won material that had been stockpiled prior to the start of the construction phase and partially imported topsoil.
- The subsoil used in Area 1 was site won material from area 2, principally from shallow excavations and thin cut areas. The material was analysed as part of the previous investigation and again when stockpiled.

Area 2

- The ground level in area 2 remained the same or in some cases slightly lower therefore it was outlined within the remediation strategy that the existing material at a shallow depth has been shown to be acceptable for residential use in the proposed gardens.
- No topsoil was present on the surface as it had been stripped and stockpiled, so a 200mm thick topsoil layer was to be installed in all gardens and soft landscaped areas.

- The rigin of the topsoi material as via sh A gregates from t e site address: Bellway Homes - Jubilee Place Flintshire development, Off Welsh Rd, Deesi e CH5 2RA (part f th wi er Airfield devel pment). he si e as pr ncipally ormer farmland prior to being developed for residential housing.





Topsoil and subsoil was required to be analysed for a suitable suite of contaminants in relation to human health (in addition to topsoil being compliant with BS3882:2015).

4.2 Unexpected Contamination

No unexpected contamination has been encountered.

4.3 Site works

The purposes of these visits were to describe and take samples of the topsoil and subsoil for chemical analysis for later use within residential garden and communal soft standing areas. Photos are provided in **Appendix B** (topsoil and subsoil in garden areas).

Area 1

Samples were collected from site won Topsoil stockpiles in March 2024, which confirmed suitability for reuse in gardens. Samples from a stockpile of subsoil material was tested in September 2024.

Imported topsoil material was from the Jubilee Place, Deeside site (part of the wider Airfields development). The site was a former farmland. Verification samples were selected from Area 1 in May 2025.

Additional plot specific verification testing was carried out in Area 1 on 15th January 2026. A summary of the testing is given below.

Table 4.1– Additional testing carried out in Area 1 - Topsoil, Subsoil

Plots	Topsoil Sample	Subsoil Sample
Plot01		x
Plot02	x	x
Plot03		x
Plot04	x	x
Plot05	x	x
Plot06	x	x
Plot07		x
Plot08	x	x
Plot09	x	x
Plot10	x	x
Plot11	x	x

Plots	Topsoil Sample	Subsoil Sample
Plot33	x	x
Plot34	x	x
Public Open Space 1	x	x

**Plots 1, 3 and 7 already had plot specific topsoil verification testing.

Area 2

Samples of topsoil to be used in Area 2 were obtained March 2024, February 2025 and September 2025 from imported source (The Airfields).

Additional plot specific verification testing was carried out 15th January 2026. A summary of the testing is given below.

Table 4.2– Additional testing carried out in Area 2 - Topsoil, Subsoil

Plots	Topsoil Sample	Subsoil Sample
Plot 15	x	x
Plot 18	x	x
Plot 28	x	x
Plot 37	x	x
Plot 42	x	x
Public Open Space POS2	x	x

4.4 Description of Topsoil and Thickness

12 No. trial pits were excavated in the garden area of Plots 1-11 and 34, in a location selected at random by a suitably qualified Geo-Environmental engineer, the locations of which are shown on the Validation Location Plan, enclosed in **Appendix A.**

Table 4.3– Depth of Topsoil, Subsoil

Plot Number	Depth/Stratum	Pass/Fail
Plot 1	Topsoil (155mm) Subsoil (450mm)	Pass
Plot 2	Topsoil (170mm) Subsoil (450mm)	Pass
Plot 3	Topsoil (155mm) Subsoil (450mm)	Pass
Plot 4	Topsoil (160mm) Subsoil (450mm)	Pass

Plot Number	Depth/Stratum	Pass/Fail
Plot 5	Topsoil (160mm) Subsoil (450mm)	Pass
Plot 6	Topsoil (150mm) Subsoil (450mm)	Pass
Plot 7	Topsoil (170mm) Subsoil (450mm)	Pass
Plot 8	Topsoil (150mm) Subsoil (500mm)	Pass
Plot 9	Topsoil (150mm) Subsoil (450mm)	Pass
Plot 10	Topsoil (155mm) Subsoil (450mm)	Pass
Plot 11	Topsoil (155mm) Subsoil (450mm)	Pass
Plot 34	Topsoil (200mm) subsoil (450mm)	Pass
Plot 33	Topsoil (200mm) subsoil (450mm)	Pass
Public Open Space 1	Topsoil (200mm) subsoil (400mm)	Pass
Plot 15	Topsoil (200mm) subsoil (400mm)	Pass
Plot 18	Topsoil (200mm) subsoil (400mm)	Pass
Plot 27/29	Topsoil (150mm) Subsoil (450mm)	Pass
Plot 28	Topsoil (150mm) Subsoil (450mm)	Pass
Plot 30/32	Topsoil (150mm) Subsoil (450mm)	Pass
Plot 35	Topsoil (200mm)	Pass
Plot 36	Topsoil (200mm)	Pass
Plot 37	Topsoil (200mm)	Pass
Plot 38	Topsoil (200mm)	Pass
Plot 39	Topsoil (200mm)	Pass
Plot 40	Topsoil (200mm)	Pass
Plot 42	Topsoil (200mm)	Pass

Topsoil – Dark brown silty gravelly fine to coarse SAND with frequent rootlets. Gravel is fine-coarse sub-rounded

Subsoil – Dark brown to grey very sandy gravelly CLAY. Gravel is fine to coarse sub-rounded to sub angular.

Verification photographs of garden areas are presented in **Appendix B**.

All areas of rear gardens show a thickness of topsoil which is a minimum of 150 mm depth and a depth of subsoil which is a minimum of 600mm in Area 1 and within Area 2 a minimum of 200mm topsoil. All areas comply with the requirements detailed in remediation strategy.

4.5 Verification of Topsoil and Subsoil – Sampling and Testing

The verification testing was carried out in two phases. In the first phase, a total of 22 No. samples of topsoil's and 6 No. subsoil were analysed from materials used in Areas 1 and 2. Details of the sampling is outlined in Table 4.4 below:

Table 4.4– Summary of sampling

Lab Reference	Date	Sample ID	Material Type	Area used on site	Location on Site	Drawing reference	Origin
24-52895	27/03/2024	SP1 ES1	Topsoil	2	Stockpile 1	3066-2-001 (stockpile location plan)	Site won
		SP1 ES2	Topsoil	2	Stockpile 1		
		SP1 ES3	Topsoil	2	Stockpile 1		
		SP2 ES1	Topsoil	2	Stockpile 2		
		SP3 ES1	Topsoil	2	Stockpile 3		
		SP4 ES1	Topsoil	1	Stockpile 4		
		SP5 ES1	Topsoil	1	Stockpile 5		
		SP5 ES2	Topsoil	1	Stockpile 5		
		SP6 ES1	Topsoil	1	Stockpile 6		
24-02046	25/09/2024	J1	Subsoil	1	Subsoil Stockpile	3120-DR-001 (stockpile location plan)	Site Won
		J2	Subsoil	1			
		J3	Subsoil	1			
		J4	Subsoil	1			
		J5	Subsoil	1			
		J6	Subsoil	1			
24-04982	09/12/2024	Plot 7	Topsoil	1	In situ in plot	18/1786/03 (proposed block plan drawing)	Site won
		Plot 5	Topsoil	1			
		Plot 3	Topsoil	1			
25-01533	25/02/2025	SP10	Topsoil	2	Topsoil stockpile	3224-DR-001-V01	Imported
25-17003-0	29/05/2025	SP401 (A)	Topsoil	1	Topsoil stockpile		
		SP401 (B)	Topsoil	1	Topsoil stockpile		
		SP401 (C)	Topsoil	1	Topsoil stockpile		
25-29446-1	25/09/2025	TS-Plot 34	Topsoil	1	In situ in plot	18/1786/03 (proposed block plan drawing)	Imported
		TS-Plot 39	Topsoil	2			
		TS-Plot 15	Topsoil	2			
		TS-Plot 24	Topsoil	2			
		TS-Plot 42	Topsoil	2			
		TS-Plot 18	Topsoil	2			

The second phase of sampling included a total of 17 No. samples of topsoil's and 20 No. samples of the subsoil from both Areas 1 and 2. Details of the sampling is outlined in Table 4.5 below:

Table 4.5– Summary of sampling

Plots	Topsoil Sample	Subsoil Sample
Plot01		x
Plot02	x	x
Plot03		x
Plot04	x	x
Plot05	x	x
Plot06	x	x
Plot07		x
Plot08	x	x
Plot09	x	x
Plot10	x	x
Plot11	x	x
Plot33	x	x
Plot34	x	x
Public Open Space 1	x	x
Plot 15	x	x
Plot 18	x	x
Plot 28	x	x
Plot 37	x	x
Plot 42	x	x
Public Open Space POS2	x	x
Total	17 samples	20 Samples

The soil samples were sent to UKAS accredited labs in accordance with ISO17025 and is also MCERTS accredited for soil analysis in accordance with the Environment Agency's scheme. The laboratory analysis results are presented in **Appendix C.**

Table 4.6– Acceptance Criteria for imported material (Topsoil and Subsoil)

Analyte	Soil Re-Use and Importation Criteria		Analyte	Soil Re-Use and Importation Criteria	
	mg/kg	Reference		mg/kg	Reference
Metals			**BTEX**		
Arsenic (total)	37	S4UL	Benzene	0.087	S4UL
Cadmium (total)	11	S4UL	Toluene	130	S4UL
Chromium (total)	520	HWT	Ethyl Benzene	47	S4UL
Chromium (hexavalent)	6	S4UL	Xylene – 0	60	S4UL
Copper (total)	200	BS3882	Xylene – M or P	56	S4UL
Lead (total)	200	C4SL			
Mercury (total inorganic)	40	S4UL	**Petroleum Hydrocarbons[$]**		
Nickel (total)	130	S4UL	Aliphatic > EC5 - EC6	42	S4UL
Selenium	250	S4UL	Aliphatic >EC6 - EC8	100	S4UL
Vanadium	410	S4UL	Aliphatic >EC8 - EC10	27	S4UL
Zinc (total)	2,009**	HWT	Aliphatic >EC10 - EC12	130	S4UL
			Aliphatic >EC12 - EC16	1000**	HWT
Inorganic			Aliphatic >EC16 - EC21	1000**	HWT
Sulphate	2400***	-	Aliphatic >EC21 - EC35	1000**	HWT
Phenol	120	S4UL			
			Aromatic >EC5 - EC7	70	S4UL
PAH[&]			Aromatic >EC7 - EC8	130	S4UL
Naphthalene	2.3	S4UL	Aromatic >EC8 - EC10	34	S4UL
Acenaphthylene	170	S4UL	Aromatic >EC10 - EC12	74	S4UL
Acenaphthene	210	S4UL	Aromatic >EC12 - EC16	140	S4UL
Fluorene	170	S4UL	Aromatic >EC16 - EC21	260	S4UL
Phenanthrene	95	S4UL	Aromatic >EC21 - EC35	1000**	HWT
Anthracene	2400	S4UL	Aromatic>EC35-44	1000**	HWT
Fluoranthene	280	S4UL	Aromatic>EC44-EC77	1000**	HWT
Pyrene	620	S4UL			
Benz(a)anthracene	7.2	S4UL			
Chrysene	15	S4UL			
Benzo(b)fluoranthene	2.6	S4UL			
Benzo(k)fluoranthene	77	S4UL	Asbestos	Not detected (<0.001%) for topsoil and subsoil	Lab LoD
Benzo(a)pyrene	2.2	S4UL			
Indeno(123cd)pyrene	27	S4UL			
Benzo(ghi)perylene	320	S4UL			
Dibenzo(ah)anthracene	0.24	S4UL			

The results of the samples collected were screened against Generic Assessment Criteria (GAC) for Human Health Risk Assessment (LQM/CIEH 2015) for a residential with home grown produce end land use with 1% SOM and pH 7.0.

Topsoil / Subsoil

In Area 1, both topsoil and subsoil originated from site won material. Samples from both topsoil and subsoil material were analysed before being placed into the gardens in Area 1. In addition, samples were then taken from all 14 Plots and public open space area from both topsoil and subsoil material within the new cover system.

In total, 26 topsoil and 18 subsoil samples were analysed from Area 1.

In Area 2, the gardens and soft landscaped areas required 200mm of 'clean' topsoil. A total of 12No. verifications samples of topsoil have been taken from Area 2. In addition, 6 No. samples were taken from below the topsoil to verify the suitable of the remaining underlying material.

All the topsoil and subsoil results from both Area 1 and Area 2, have passed the relevant screening criteria for residential with home grown produce end land use and therefore are suitable for use within the gardens and soft landscaped areas. The results are summarised in **Appendix D.**

5 CONCLUSIONS

5.1 Clean Cover Depth

The remediation strategy details the requirement details the requirement for a 600mm clean cover system comprising a minimum 450mm subsoil and 150mm topsoil in Area 1. In Area 2, a 200mm cover of topsoil was required.

Visual inspection visits were performed by GroundSolve on a number of site visits. Photographs showing the verification of depth across selected plots were found to comprise a sufficient clean cover system in accordance with the agreed remedial strategy and Wrexham Council Guidance. Photographs are presented within **Appendix B** of the clean cover depth validation, and a location plan showing the plots validated is presented within **Appendix A**. A total of 26 No. validation pits were conducted; the "Requirements for the Chemical Testing of Imported Materials for Various End Uses and Validation of Clean Cover Systems" produced by the Welsh Land Contamination Working Group in 2013 details that for a development size of over 30 plots then verification is required 1 in every 4 plots. This has been conducted for this site.

5.2 Topsoil and subsoil Material

Laboratory chemical analysis results from both the site won and imported sub-soil and topsoil material show the samples do not exceed the agreed GACs (1% SOM).

Full laboratory results are presented within **Appendix C,** and a summary of results is presented on **Appendix D**.

5.3 Conclusions

The report indicates that the site inspections and chemical tests results from site have met all the requirements of the remediation as outlined in the remediation strategy agreed with the Wrexham Council Guidance.

6 REFERENCES

BRE BR211 (2015). Radon: Guidance on Protective Measures for New Dwellings. IHS BRE Press, Bracknell.

BRE SD1 (2005). Concrete in Aggressive Ground. Special Digest 1 (revised edition). IHS BRE Press, Bracknell.

BRE 414 (2001) Protective measures for housing on gas-contaminated land. BRE.

BS 10175:2011+A2:2017 Investigation of Potentially Contaminated Sites - Code of Practice. British Standards Institution, London.

BS5930:2015+A12020 Code of practice for ground investigations BSI

BS8485 2015 Code of Practice for the design of protective measures for methane and carbon dioxide ground gases in new buildings. British Standards

BS8576-2013 Guidance on investigations for ground gas – permanent gases and volatile organic compounds (VOCs). BSI,

CIRIA Rep R 149 (1995a) Protecting Development from Methane. Report 149, CIRIA, London.

CIRIA Rep R 150 (1995b) Methane Investigation Strategies. Report 150, CIRIA, London.

CIRIA Rep R 132 (1996) A Guide for Safe Working on Contaminated Sites. Report 132, CIRIA, London.

CIRIA C552 (2001) Contaminated land risk assessment. A guide to good practice (report no. C552).

CIRIA C665 (2007) Assessing the risks posed by hazardous gases to buildings CIRIA, London

CIRIA C681 (2009) Unexploded ordnance (UXO) A guide for the construction industry (C681)

CIRIA C785 (2019) Unexploded ordnance (UXO) risk management guide for land-based projects (C785)

CIRIA C758D (2019) Abandoned mine workings manual (C758D)

Contaminated Land: Applications in Real Environments (CL:AIRE) (2011) Definition of Waste Code of Practice (version 2).

Department of Environment Food and Rural Affairs (DEFRA) (2012) Environmental Protection Act 1990:Part 2A Contaminated Land Statutory Guidance (report no. PB13735).

Environment Agency (2000) Technical Aspects of Site Investigation. Report P5-065/TR, Environment Agency, Bristol.Environment Agency (2002) Guidance on Monitoring Landfill Leachate, Groundwater and Surface Water. Report LFTGN02, Environment Agency, Bristol.

Environment Agency (2007) Evaluation of Models for Predicting Plant Uptake of Chemicals from Soil. Report SC050021/SR, Environment Agency, Bristol.

Environment Agency (2015) Guidance on the Classification and Assessment of Waste Technical Guidance WM3 (1st edition).European Union (1998) Drinking Water Directive (Council Directive 98/83/EC).

Land Contamination Risk Management (LCRM) Environment Agency October 2020 https://www.gov.uk/government/publications/land-contamination-risk-management-lcrm .

LQM/CIEH Ltd (2015) S4ULs for Human Health Risk Assessment. Land Quality Press, Nottingham.

SoBRA (2017) Development of Generic Assessment Criteria for Assessing Vapour Risks to Human Health from Volatile Contaminants in Groundwater – Version 1.0.

The Water Framework Directive, (Standards and Classification) Directions (England and Wales).

World Health Organisation (2017) Guidelines for Drinking Water Quality (4th edition).

Britain From Above - https://britainfromabove.org.uk/en/image/WPW060399

http://www.warstateandsociety.com/Bombing-Britain

https://www.epa.gov/pfas/basic-information-pfas

UK Maps of Radon, http://www.ukradon.org/information/ukmaps

Health and Safety Executive (2015) Construction (Design and Management) Regulations.

Coal Authority Interactive Map Viewer, http://mapapps2.bgs.ac.uk/coalauthority/home.html

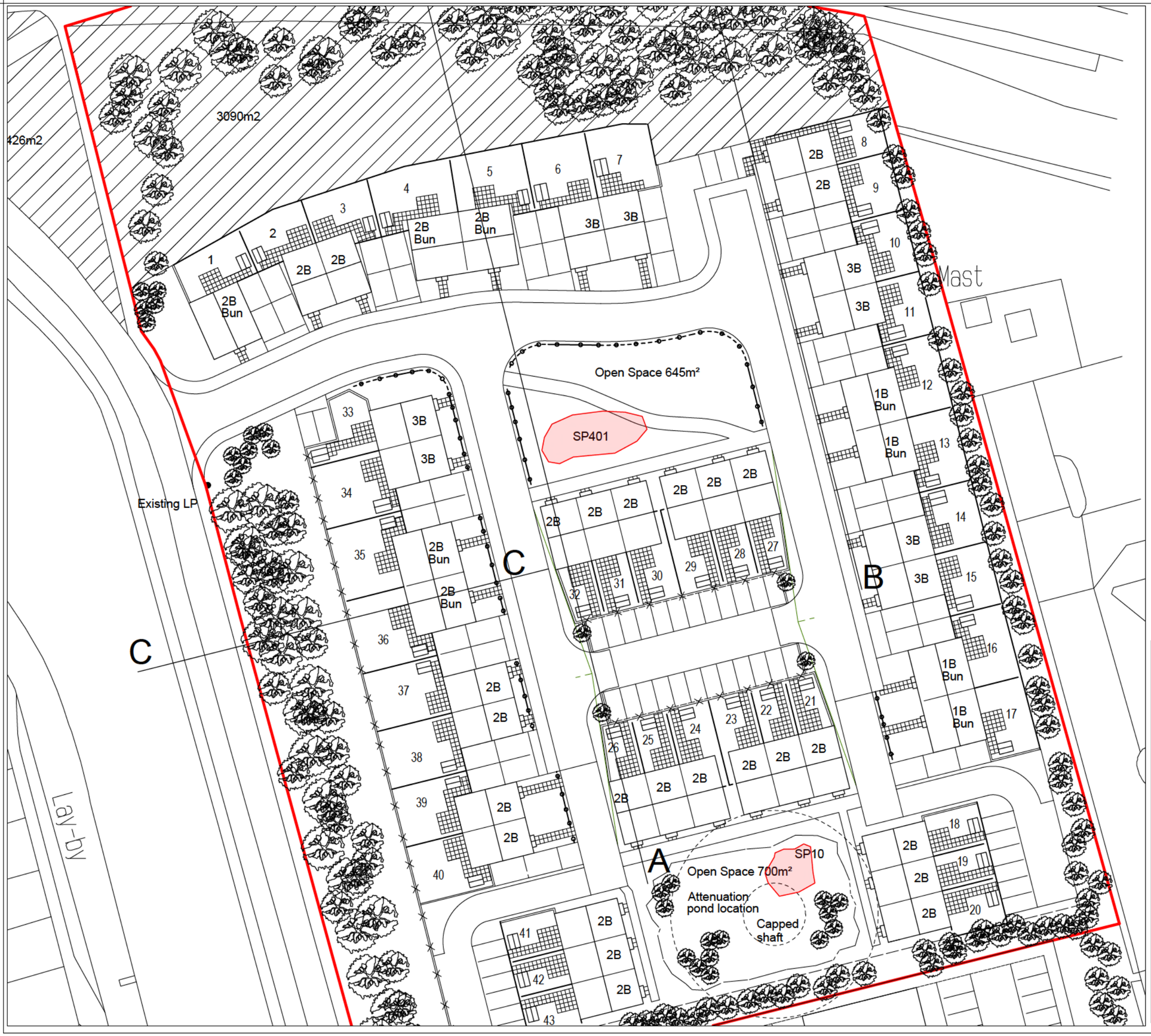
BGS Geology of Britain Viewer http://mapapps.bgs.ac.uk/geologyofbritain/home.html

7 DEFINITIONS

AOD	Above Ordnance Datum
bgl	Below ground level
BGS	British Geological Survey
BRE	Building Research Establishment
CBR	California Bearing Ratio (test)
COMAH	Control of Major Accident Hazards (regulations)
DQRA	Detailed Quantitative Risk Assessment
DWS	Drinking Water Standard
EQS	Environmental Quality Standard
GAC	Generic Assessment Criterion
GQA	General Quality Assessment (Environment Agency)
GQRA	Generic Quantitative Risk Assessment
GSV	Gas Screening Value
HCV	Health Criteria Value
IPPC	Integrated Pollution Prevention and Control (regulations)
NGR	National Grid Reference
NIHHS	Notification of Installations Handling Hazardous Substances (regulations)
OS	Ordnance Survey
Ppm	Parts per million
Ppmv	Parts per million by volume
SAC	Special Area of Conservation
SPZ	Source Protection Zone
SSAC	Site-Specific Assessment Criterion
SSSI	Site of Special Scientific Interest

APPENDIX A – DRAWINGS

A3



1	Wynnstay - Additional Stockpiles	07/11/2025
Revision	Description	Date

GroundSolve Ltd
Consulting Geotechnical Engineers

Unit 1, 85 Station Road
Queensferry
Flintshire CH5 2TB
Tel: 01244 592295

Job Title
Wynnstay Technology Park - Verification Works

Drawing Title
Additional Stockpile Location Plan

Drawing Scale	Drawn By	Approved By
NTS	ER	JT
Drawing Status		Date of Issue
FINAL		07/11/2025
Drawing No		Revision
3224-DR-001-V01		1

A3



Verification Pits

1	Wynnstay - Verification Pits	07/11/2025
Revision	Description	Date

GroundSolve Ltd
Consulting Geotechnical Engineers

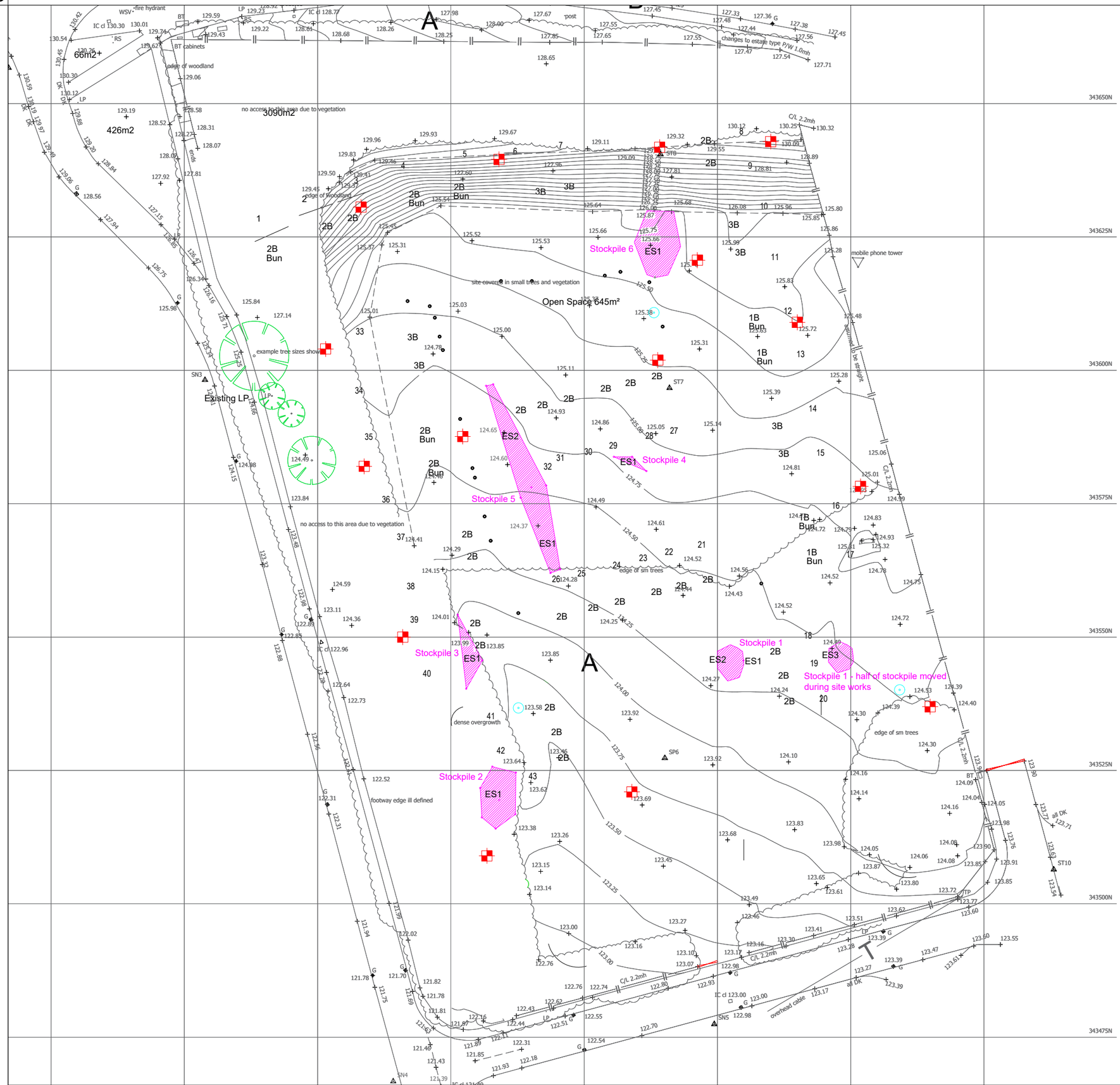
Unit 1, 85 Station Road
Queensferry
Flintshire CH5 2TB
Tel: 01244 592295

Job Title
Wynnstay Technology Park - Verification Works

Drawing Title
Verification Pit Locations

Drawing Scale	Drawn By	Approved By
NTS	ER	JT
Drawing Status: FINAL		Date of Issue: 07/11/2025
Drawing No: 3224-DR-002-V01		Revision: 1

A3



Legend

2024 Site Investigation

Stockpile 2

Stockpile locations

Revision	Description	Date
A		

GroundSolve Ltd
Consulting Geotechnical Engineers

Unit 1, Charter Court
Well House Barns
Chester Road Bretton
Flintshire CH4 0DH

Tel: 01244 661361
Fax: 01244 661289

Job Title

Wynnstay Technology Park
Ruabon, Wrexham

Drawing Title

Stockpile Location Plan

Drawing Scale	Drawn By	Approved By
@ A3	JT	SF

Drawing Status	Date of Issue
FINAL	04/24

Drawing No	Revision
3066-2-001	

APPENDIX B – CLEAN COVER VERIFICATION PHOTOGRAPHs



Plot 1 – Topsoil



Plot 2 – Topsoil



Plot 3 – Topsoil



Plot 3 – Subsoil



Plot 4 – Topsoil



Plot 5 - Topsoil



Plot 6 – Topsoil



Plot 6 – Subsoil



Plot 7 – Topsoil



Plot 8 – Topsoil



Plot 8 – Subsoil



Plot 9 – Subsoil



Plot 10 – Topsoil



Plot 10 – Subsoil



Plot 11 – Topsoil



Plot 11 – Subsoil



Plot 34 Subsoil



Plot 34 – Topsoil



Plot 33 – Topsoil



Plots 27/29 – Subsoil



Plot 30/32 – Subsoil



Plot 36 – Topsoil



Plot 35 – Topsoil



Plot 38 – Topsoil



Plot 37 – Topsoil



Plot 40 - Topsoil



Plot 39 – Topsoil

APPENDIX C – 2025 - CHE ICAL TEST RESULTS

Eurofins Chemtest Ltd
Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070
Email: cs@etuki.eurofins.com

Final Report

Report No.: 25-29446-1

Initial Date of Issue: 30-Sep-2025

Re-Issue Details:

Client *Groundsolve Ltd*

Client Address: *Unit 1*
85 Station Road
Queensferry
Flintshire
CH5 2TB

Contact(s): *James Thorburn*

Project *Wynnstay - Verification Works*

Quotation No.:	*Q25-38001*	**Date Received:**	09-Sep-2025
Order No.:	PO002737	**Date Instructed:**	09-Sep-2025
No. of Samples:	*6*		
Turnaround (Wkdays):	16	**Results Due:**	30-Sep-2025
Date Approved:	25-Sep-2025		

Approved By:

[redacted]

Details: David Smith, Technical Director

For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report

Results - Soil

Project: Wynnstay - Verification Works

Client: Groundsolve Ltd						**Chemtest Job No.:**	25-29446	25-29446	25-29446	25-29446	25-29446	25-29446
Quotation No.: Q25-38001						**Chemtest Sample ID.:**	2025854	2025855	2025856	2025857	2025858	2025859
Order No.: PO002737						*Client Sample Ref.:*	*TS*	*TS*	*TS*	*TS*	*TS*	*TS*
						Client Reference:	*TS - Plot 34*	*TS - Plot 39*	*TS - Plot 15*	*TS - Plot 24*	*TS - Plot 42*	*TS - Plot 18*
						Sample Type:	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
						Top Depth (m):	*0.15*	*0.15*	*0.15*	*0.15*	*0.15*	*0.15*
						Date Sampled:	*08-Sep-2025*	*08-Sep-2025*	*08-Sep-2025*	*08-Sep-2025*	*08-Sep-2025*	*08-Sep-2025*
						Asbestos Lab:	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**							
ACM Type		N	2192		N/A		-	-	-	-	-	-
Asbestos Identification		U	2192		N/A		No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Moisture		N	2030	%	0.020		10	15	11	11	11	9.0
Soil Colour		N	2030		N/A		Brown	Brown	Brown	Brown	Brown	Brown
Other Material		N	2030		N/A		Stones and Roots	Stones and Roots	Stones and Roots	Stones and Roots	Stones and Roots	Stones and Roots
Soil Texture		N	2030		N/A		Loam	Loam	Loam	Loam	Loam	Loam
pH at 20C		M	2010		4.0		7.9	8.1	7.9	7.9	7.9	7.9
Cyanide (Total)		M	2300	mg/kg	0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.50
Sulphate (Total)		U	2430	%	0.010		0.023	0.016	0.037	0.042	0.034	0.040
Sulphate (Acid Soluble)		U	2430	%	0.010		0.026	0.035	0.023	0.036	0.029	0.033
Arsenic		M	2455	mg/kg	0.5		4.2	2.2	5.6	6.8	6.5	6.2
Cadmium		M	2455	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chromium		M	2455	mg/kg	0.5		6.8	4.1	9.8	10	11	10
Copper		M	2455	mg/kg	0.50		4.5	3.8	7.9	8.4	7.1	7.1
Mercury		M	2455	mg/kg	0.05		< 0.05	< 0.05	< 0.05	0.05	< 0.05	< 0.05
Nickel		M	2455	mg/kg	0.50		5.8	3.1	8.4	9.1	9.5	8.9
Lead		M	2455	mg/kg	0.50		29	19	41	49	44	42
Selenium		M	2455	mg/kg	0.25		< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Zinc		M	2455	mg/kg	0.50		45	29	62	86	68	71
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C6-C8 (Sum)	HS_2D_AL	N	2780	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25		< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Aliphatic EPH >C10-C12 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00		< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Aliphatic EPH >C12-C16 MC	EH_2D_AL_#1	M	2690	mg/kg	1.00		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3.3
Aliphatic EPH >C16-C21 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00		< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Aliphatic EPH >C21-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	3.00		3.5	7.4	13	9.2	11	7.4
Aliphatic EPH >C35-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00		< 10	< 10	< 10	< 10	< 10	< 10
Total Aliphatic EPH >C10-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	5.00		< 5.0	7.6	15	9.2	11	12
Total Aliphatic EPH >C10-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00		< 10	< 10	18	< 10	11	12
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25		< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25

Results - Soil

Project: Wynnstay - Verification Works

Client: Groundsolve Ltd						**Chemtest Job No.:**	25-29446	25-29446	25-29446	25-29446	25-29446	25-29446
Quotation No.: Q25-38001						**Chemtest Sample ID.:**	2025854	2025855	2025856	2025857	2025858	2025859
Order No.: PO002737						*Client Sample Ref.:*	*TS*	*TS*	*TS*	*TS*	*TS*	*TS*
						Client Reference:	*TS - Plot 34*	*TS - Plot 39*	*TS - Plot 15*	*TS - Plot 24*	*TS - Plot 42*	*TS - Plot 18*
						Sample Type:	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
						Top Depth (m):	*0.15*	*0.15*	*0.15*	*0.15*	*0.15*	*0.15*
						Date Sampled:	*08-Sep-2025*	*08-Sep-2025*	*08-Sep-2025*	*08-Sep-2025*	*08-Sep-2025*	*08-Sep-2025*
						Asbestos Lab:	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**							
Aromatic EPH >C10-C12 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic EPH >C12-C16 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic EPH >C16-C21 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00		4.8	4.3	2.8	4.3	< 2.0	< 2.0
Aromatic EPH >C21-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00		< 2.0	< 2.0	3.1	< 2.0	< 2.0	< 2.0
Aromatic EPH >C35-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	1.00		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.1
Total Aromatic EPH >C10-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	5.00		< 5.0	< 5.0	5.9	< 5.0	< 5.0	< 5.0
Total Aromatic EPH >C10-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	10.00		< 10	< 10	< 10	< 10	< 10	< 10
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total EPH >C10-C35 MC	EH_2D_Total_#1	U	2690	mg/kg	10.00		< 10	12	21	14	11	12
Total EPH >C10-C40 MC	EH_2D_Total_#1	N	2690	mg/kg	10.00		< 10	13	25	15	12	14
Organic Matter		M	2625	%	0.40		1.8	2.1	1.5	2.3	1.8	1.6
Total Organic Carbon		M	2625	%	0.20		1.1	1.2	0.86	1.3	1.0	0.93
TPH >C6-C10	EH_1D_Total	N	2670	mg/kg	1.0		< 1.0	< 1.0	< 1.0	3.9	< 1.0	< 1.0
TPH >C10-C21	EH_1D_Total	N	2670	mg/kg	1.0		< 1.0	< 1.0	< 1.0	7.6	< 1.0	< 1.0
TPH >C21-C40	EH_1D_Total	N	2670	mg/kg	1.0		< 1.0	< 1.0	< 1.0	55	< 1.0	< 1.0
Total TPH >C6-C40	EH_1D_Total	U	2670	mg/kg	10		< 10	< 10	< 10	66	< 10	< 10
Benzene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methyl Tert-Butyl Ether		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene		N	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	0.24	< 0.10	< 0.10
Anthracene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluoranthene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	0.30	< 0.10	< 0.10
Pyrene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	0.32	< 0.10	< 0.10
Benzo[a]anthracene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chrysene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene		N	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Results - Soil

Project: Wynnstay - Verification Works

Client: Groundsolve Ltd						**Chemtest Job No.:**	25-29446	25-29446	25-29446	25-29446	25-29446	25-29446
Quotation No.: Q25-38001						**Chemtest Sample ID.:**	2025854	2025855	2025856	2025857	2025858	2025859
Order No.: PO002737						*Client Sample Ref.:*	*TS*	*TS*	*TS*	*TS*	*TS*	*TS*
						Client Reference:	*TS - Plot 34*	*TS - Plot 39*	*TS - Plot 15*	*TS - Plot 24*	*TS - Plot 42*	*TS - Plot 18*
						Sample Type:	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
						Top Depth (m):	*0.15*	*0.15*	*0.15*	*0.15*	*0.15*	*0.15*
						Date Sampled:	*08-Sep-2025*	*08-Sep-2025*	*08-Sep-2025*	*08-Sep-2025*	*08-Sep-2025*	*08-Sep-2025*
						Asbestos Lab:	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**							
Coronene		N	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Of 17 PAH's		N	2800	mg/kg	2.0		< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
2010	pH Value of Soils	pH at 20°C	pH Meter	
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <30°C.	
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry	
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Allkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.	
2430	Total Sulphate in soils	Total Sulphate	Acid digestion followed by determination of sulphate in extract by ICP-OES.	
2455	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.	
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.	
2670	Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40	Dichloromethane extraction / GC-FID	
2690	EPH A/A Split	Aliphatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40 Aromatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40	Acetone/Heptane extraction / GCxGC FID detection	
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.	
2780	VPH A/A Split	Aliphatics: >C5–C6, >C6–C7,>C7–C8,>C8-C10 Aromatics: >C5–C7,>C7-C8,>C8–C10	Water extraction / Headspace GCxGC FID detection	
2800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene*; Acenaphthylene; Anthracene*; Benzo[a]Anthracene*; Benzo[a]Pyrene*; Benzo[b]Fluoranthene*; Benzo[ghi]Perylene*; Benzo[k]Fluoranthene; Chrysene*; Dibenz[ah]Anthracene; Fluoranthene*; Fluorene*; Indeno[123cd]Pyrene*; Naphthalene*; Phenanthrene*; Pyrene*	Dichloromethane extraction / GC-MS	

Report Information

Key	
U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"
SOP	Standard operating procedure
LOD	Limit of detection
Text example	All items indicated in italic font represent customer-supplied information that may not be independently verified by the laboratory

This report shall not be reproduced except in full, and only with the prior approval of the laboratory.

Any comments or interpretations are outside the scope of UKAS accreditation.

The Laboratory is not accredited for any sampling activities and reported results relate to the samples 'as received' at the laboratory.

Uncertainty of measurement for the determinands tested are available upon request .

None of the results in this report have been recovery corrected.

All results are expressed on a dry weight basis.

The following tests were analysed on samples 'as received' and the results subsequently corrected to a dry weight basis EPH, VPH, TPH, BTEX, VOCs, SVOCs, PCBs, Phenols.

For all other tests the samples were dried at ≤ 30°C prior to analysis.

All Asbestos testing is performed at the indicated laboratory .

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1.

NEW_ASB	Eurofins Chemtest Limited, 11 Depot Road, Newmarket, CB8 0AL
DURHAM	Eurofins Chemtest Limited, Unit A North Wing, Prospect Business Park, Crookhall Lane, Consett, Co Durham, DH8 7PW

Sample Deviation Codes

As a result of any of the below deviations applying, the test results may be unreliable

A - Date of sampling not supplied

B - Sample age exceeds stability time (sampling to extraction)

C - Sample not received in appropriate containers

D - Broken Container

E - The required amount of sample for analysis was not received

H - Appropriate cooling measures were not taken for sample transportation

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt.

All water samples will be retained for 14 days from the date of receipt.

Charges may apply to extended sample storage.

Report Information

Water Sample Category Key for Accreditation

DW - Drinking Water (Non-Regulatory)
GW - Ground Water
LE - Land Leachate
NA - Not Applicable
PL - Prepared Leachate
PW - Processed Water
RE - Recreational Water
SA - Saline Water
SW - Surface Water
TE - Treated Effluent
TS - Treated Sewage
UL - Unspecified Liquid

Clean Up Codes

NC - No Clean Up
MC - Mathematical Clean Up
FC - Florisil Clean Up

HWOL Acronym System

HS - Headspace analysis
EH - Extractable hydrocarbons – i.e. everything extracted by the solvent
CU - Clean-up – e.g. by Florisil, silica gel
1D - GC – Single coil gas chromatography
Total - Aliphatics & Aromatics
AL - Aliphatics only
AR - Aromatic only
2D - GC-GC – Double coil gas chromatography
#1 - EH_2D_Total but with humics mathematically subtracted
#2 - EH_2D_Total but with fatty acids mathematically subtracted
+ - Operator to indicate cumulative e.g. EH+EH_Total or EH_CU+HS_Total

Asbestos Tests LOD = LOQ

Limit of Detection = Limit of Quantification for asbestos results only

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com

ANALYTICAL TEST REPORT

Report Number	24-04982, issue number 1
Contract name:	Wynstay Verification Works
Client reference:	3224
Clients name:	GroundSolve Ltd
Clients address:	GroundSolve Ltd Unit 1 Well House Barns Chester Road Bretton Flintshire CH4 0DH
Samples received:	09/12/2024
Analysis started:	09/12/2024
Analysis completed:	16/12/2024
Report issued:	16/12/2024

Key		
	U	UKAS accredited test
	M	MCERTS & UKAS accredited test
	$	Test carried out by an approved subcontractor
	I/S	Insufficient sample to carry out test
	U/S	Sample not suitable for testing
	NAD	No Asbestos Detected

[redacted]

Approved by: Abbie Neasham-Bourn
Senior Reporting Administrator

Unit 6 Parkhead, Greencroft Industrial Park, Stanley, County Durham, DH9 7YB

Telephone: (01207) 528578, Email supportsquad@chemtech-env.co.uk

SAMPLE INFORMATION

MCERTS (Soils):

Soil descriptions are only intended to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions. MCERTS accreditation applies for sand, clay and loam/topsoil, or combinations of these whether these are derived from naturally occurring soils or from made ground, as long as these materials constitute the major part of the sample. Other materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

Lab ref	Sample ID	Depth (m)	Sample description	Material removed	% Removed	% Moisture
26526	Plot 7	0.00 - 0.20	Brown Clay with Gravel and Vegetation.	-	-	14.5
26527	Plot 5	0.00 - 0.30	Brown Clay with Gravel and Vegetation.	-	-	12.3
26528	Plot 3	0.00 - 0.40	Brown Clay with Gravel and Vegetation.	-	-	12.6

DEVIATING SAMPLE INFORMATION

Comments
Sample deviation is determined in accordance with the UKAS note "Guidance on Deviating Samples" and based on reference standards and laboratory trials.
For samples identified as deviating, test result(s) may be compromised and may not be representative of the sample at the time of sampling.
Chemtech Environmental Ltd cannot be held responsible for the integrity of sample(s) received if Chemtech Environmental Ltd did not undertake the sampling. Such samples may be deviating.

Key

a	Sampling date not provided
b	Sampling time not provided (waters only)
c	Sample not received in appropriate containers
d	Storage Temperature
e	Headspace present in sample container
f	Sample exceeded sampling to reciept
g	Sample exceeded holding time(s)

Lab ref	Sample ID	Depth (m)	Deviating	Tests (Reason for deviation)
26526	Plot 7	0.00 - 0.20	N	
26527	Plot 5	0.00 - 0.30	N	
26528	Plot 3	0.00 - 0.40	N	

SOILS

Lab Number					26526	26527	26528
Sample ID					Plot 7	Plot 5	Plot 3
Depth (m)					0.00 - 0.20	0.00 - 0.30	0.00 - 0.40
Sampling Date					06/12/2024	06/12/2024	06/12/2024
Test	**Method**	**Accred**	**LoD**	**Units**			
Asbestos							
Asbestos Identification	SUBCON	SU	0	-	NAD	NAD	NAD
Soil sample preparation parameters							
Stones Content	CE001	N	0.1	%	< 0.1	< 0.1	< 0.1
Metals							
Water Soluble Sulphate	CE061	M	0.01	g/l	0.156	0.219	0.164
Acid Soluble Sulphate (SO4)	CE062	M	0.01	%	0.29	0.36	0.26
Arsenic	CE264	U	1.8	mg/kg	29.7	17.3	9.3
Cadmium	CE264	M	1.6	mg/kg	2.4	< 1.6	< 1.6
Chromium	CE264	U	2	mg/kg	38.7	20.8	18.8
Copper	CE264	M	1.6	mg/kg	92.3	55.5	31.3
Lead	CE264	U	2.3	mg/kg	150	37.9	46.6
Mercury	CE264	U	0.7	mg/kg	3.5	< 0.7	< 0.7
Nickel	CE264	M	2.1	mg/kg	39.4	34.6	25.9
Selenium	CE264	U	3	mg/kg	< 3.0	< 3.0	< 3.0
Zinc	CE264	M	4	mg/kg	104	62.7	51.3
Volatile Petroleum Hydrocarbons							
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010
>C6-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010
Colourimetric							
Total Monohydric Phenols	CE078	N	0.5	mg/kg	< 0.50	< 0.50	< 0.50
Total Cyanide	CE077	N	1	mg/kg	< 1.0	< 1.0	< 1.0
Combustion							
Moisture Content	CE001	N	0.1	%	14.5	12.3	12.6
Total Organic Carbon	CE197	N	0.1	%	5.00	3.97	< 0.10
Soil Organic Matter	CE072	N	0.1	%	8.62	6.84	< 0.10
TPH Ali/Aro							

SOILS

>C12-C16 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	< 0.5	< 0.5	< 0.5
>C12-C16 Aromatic (EH_2D_AR)	CE250	N	1	mg/kg	1.4	< 1.0	2.2
>C16-C21 Aliphatic (EH_2D_AL)	CE250	N	0.7	mg/kg	< 0.7	< 0.7	< 0.7
>C16-C21 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	< 2.0	< 2.0	< 2.0
>C21-C35 Aliphatic (EH_2D_AL)	CE250	N	4	mg/kg	< 4.0	< 4.0	< 4.0
>C21-C35 Aromatic (EH_2D_AR)	CE250	N	4.5	mg/kg	< 4.5	< 4.5	< 4.5
>C35-C40 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	< 0.5	< 0.5	< 0.5
>C35-C40 Aromatic (EH_2D_AR)	CE250	N	1.5	mg/kg	< 1.5	< 1.5	< 1.5
>C10-C12 Aliphatic (EH_2D_AL)	CE250	N	1	mg/kg	< 1.0	< 1.0	< 1.0
>C10-C12 Aromatic (EH_2D_AR)	CE250	N	0.6	mg/kg	0.7	< 0.6	1.0
Polyaromatic hydrocarbons							
Naphthalene	CE087	M	0.016	mg/kg	0.052	0.020	0.027
Acenaphthylene	CE087	M	0.015	mg/kg	< 0.015	< 0.015	< 0.015
Acenaphthene	CE087	M	0.013	mg/kg	< 0.013	< 0.013	< 0.013
Fluorene	CE087	U	0.013	mg/kg	< 0.013	< 0.013	< 0.013
Phenanthrene	CE087	M	0.014	mg/kg	0.188	0.060	0.088
Anthracene	CE087	U	0.017	mg/kg	0.053	< 0.017	< 0.017
Fluoranthene	CE087	M	0.017	mg/kg	0.527	0.068	0.064
Pyrene	CE087	M	0.016	mg/kg	0.404	0.057	0.053
Benzo(a)anthracene	CE087	U	0.012	mg/kg	0.223	0.049	0.042
Chrysene	CE087	M	0.028	mg/kg	0.205	0.044	0.035
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	0.177	0.046	0.035
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	0.070	< 0.025	< 0.025
Benzo(a)pyrene	CE087	U	0.019	mg/kg	0.148	0.035	0.023
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	0.097	0.040	0.023
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	0.021	< 0.017	< 0.017
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	0.086	0.036	0.021
Coronene	CE087	N	0.02	mg/kg	< 0.020	< 0.020	< 0.020
Total PAH(17)	CE087	N	0.3	mg/kg	2.25	0.456	0.410
BTEX							
Benzene	CE267	U	0.0005	mg/kg	< 0.0005	< 0.0005	< 0.0005
Toluene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001
Ethylbenzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001
MTBE	CE267	N	0.002	mg/kg	< 0.002	< 0.002	< 0.002
Total BTEX	CE267	N	0.006	mg/kg	< 0.006	< 0.006	< 0.006
m,p-Xylene	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002
oXylenes	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002

SOILS

Wet Chem							
pH	CE004	M	0.1	pH units	7.8	7.6	7.8
EPH							
Diesel Range Organics (>C10-C25) (EH_1D_	CE033	M	12	mg/kg	< 12	< 12	< 12
>C10-C40 Soil (EH_1D_Total)	CE033	M	19	mg/kg	21.6	23.1	< 19.0
Mineral Oil (>C10-C40 Total) (EH_CU_1D_T	CE162	N	19	mg/kg	< 19	< 19	< 19

METHOD DETAILS

METHOD	TESTNAME	METHOD SUMMARY	ANALYSIS BASIS
CE267	VPH in Soil	HS-GCFID	As submitted sample
SUBCON	Asbestos Solid	HSG248	Air Dried Sample
CE061	W. Sol Metals	ICPOES	Air dried sample
CE062	Acid Soluble Sulphate in Solids	Primacs	Air dried sample
CE264	Metals by ICP in Soil	ICPOES	Air dried sample
CE267	BTEX in solids	Analysis by HSGCFID	As submitted sample
CE033	EPH in Solids	Acetone:Hexane Extraction and GCFID	As submitted sample
CE250	GCXGC in Solids	DCM Extraction and GCxGC-FID	As submitted sample
CE087	PAH in Soil	DCM Extraction and GCMS	As submitted sample
CE078	Phenols in Solids	Continuous Flow Analyser	As submitted sample
CE077	Cyanides in Solids	Continuous Flow Analyser	As submitted sample
CE197	Primacs in Solids	Primacs	Air dried sample
CE162	Mineral Oil in Solids	Acetone:Hexane extract, Floriil clean up and GCFID	As submitted sample

REPORT INFORMATION

Report No.:24-04982, issue number 1

Key	
U	ISO17025 Accredited Result
M	ISO17025 and MCERTS Accredited Result
N	Do not currently hold accreditation
^	MCERTS accreditation not applicable for sample matrix
*	ISO17025 accreditation not applicable for sample matrix
S	Subcontracted
I/S	Insufficient Sample
U/S	Unsuitable sample
N/T	Not tested
<	Means "less than"
>	Means "greater than"

LOD refers to limit of detection, except in the case of pH soils and pH waters where it means limit of discrimination.

This report shall not be reproduced except in full, without prior written approval.

Opinions and interpretations expressed herein are outside the UKAS accreditation scope.

All testing carried out at Unit 6 Parkhead, Stanley, DH9 7YB, except for subcontracted testing.

The results relate only to the sample received.

Unless otherwise stated, sample information has been provided by the client. This may affect the validity of the results.

Moisture Content Calculated on a Wet Weight basis

Unless otherwise stated, Chemtech Environmental Ltd was not responsible for sampling.

Sampling was undertaken by Chemtech Environmental Limited and is outside the UKAS accreditation scope.

Methods, procedures and performance data are available on request.

Results reported herein relate only to the material supplied to the laboratory.

BTEX compounds are identified by retention time only and may include interference from co-eluting compounds.

For soils and solids, all results are reported on a dry basis. Samples dried at no more than 30°C in a drying

For soils and solids, analytical results are inclusive of stones, where applicable.

Sample Retention and Disposal

All soil samples will be retained for a period of 4 weeks from the point of receipt

All water samples will be retained for a period of 2 weeks from the point of Reporting

Charges may apply to extended sample storage

TPH Classification - HWOL Acronym System

HS	Headspace analysis
EH	Extractable Hydrocarbons - i.e. everything extracted by the solvent
CU	Clean-up - e.g. by florisil, silica gel
1D	GC - Single coil gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
2D	GC-GC - Double coil gas chromatography
#1	EH_Total but with humics mathematically subtracted
#2	EH_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total
MS	Mass Spectrometry

ANALYTICAL TEST REPORT

Report Number	25-01533, issue number 1
Contract name:	Wynstay Verification Works
Client reference:	3224
Clients name:	GroundSolve Ltd
Clients address:	GroundSolve Ltd Unit 1 Well House Barns Chester Road Bretton Flintshire CH4 0DH
Samples received:	18/02/2025
Analysis started:	18/02/2025
Analysis completed:	25/02/2025
Report issued:	25/02/2025

Key		
	U	UKAS accredited test
	M	MCERTS & UKAS accredited test
	$	Test carried out by an approved subcontractor
	I/S	Insufficient sample to carry out test
	U/S	Sample not suitable for testing
	NAD	No Asbestos Detected

[redacted]

Approved by: Sam Rogerson
Manager

Unit 6 Parkhead, Greencroft Industrial Park, Stanley, County Durham, DH9 7YB

Telephone: (01207) 528578, Email supportsquad@chemtech-env.co.uk

SAMPLE INFORMATION

MCERTS (Soils):

Soil descriptions are only intended to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions. MCERTS accreditation applies for sand, clay and loam/topsoil, or combinations of these whether these are derived from naturally occurring soils or from made ground, as long as these materials constitute the major part of the sample. Other materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

Lab ref	Sample ID	Depth (m)	Sample description	Material removed	% Removed	% Moisture
36212	SP10	0.00 - 0.05	Brown Clayey Sand with Gravel and Vegetation.	-	-	16.8

DEVIATING SAMPLE INFORMATION

Comments

Sample deviation is determined in accordance with the UKAS note "Guidance on Deviating Samples" and based on reference standards and laboratory trials.
For samples identified as deviating, test result(s) may be compromised and may not be representative of the sample at the time of sampling.
Chemtech Environmental Ltd cannot be held responsible for the integrity of sample(s) received if Chemtech Environmental Ltd did not undertake the sampling. Such samples may be deviating.

Key

a	Sampling date not provided
b	Sampling time not provided (waters only)
c	Sample not received in appropriate containers
d	Storage Temperature
e	Headspace present in sample container
f	Sample exceeded sampling to reciept
g	Sample exceeded holding time(s)

Lab ref	Sample ID	Depth (m)	Deviating	Tests (Reason for deviation)
36212	SP10	0.00 - 0.05	N	

SOILS

Lab Number					36212
Sample ID					SP10
Depth (m)					0.00 - 0.05
Sampling Date					17/02/2025
Test	**Method**	**Accred**	**LoD**	**Units**	
Asbestos					
Asbestos Identification	SUBCON	SU	0	-	NAD
Soil sample preparation parameters					
Stones Content	CE001	N	0.1	%	< 0.1
Metals					
Water Soluble Sulphate	CE061	M	0.01	g/l	1.84
Acid Soluble Sulphate (SO4)	CE062	M	0.01	%	1.18
Arsenic	CE264	U	1.8	mg/kg	8.4
Cadmium	CE264	M	1.6	mg/kg	< 1.6
Chromium	CE264	U	2	mg/kg	26.4
Copper	CE264	M	1.6	mg/kg	31.3
Lead	CE264	U	2.3	mg/kg	99.3
Mercury	CE264	U	0.7	mg/kg	< 0.7
Nickel	CE264	M	2.1	mg/kg	19.4
Selenium	CE264	U	3	mg/kg	< 3.0
Zinc	CE264	M	4	mg/kg	107
Colourimetric					
Total Monohydric Phenols	CE078	N	0.5	mg/kg	< 0.50
Total Cyanide	CE077	N	1	mg/kg	< 1.0
Combustion					
Moisture Content	CE001	N	0.1	%	16.8
Total Organic Carbon	CE197	N	0.1	%	3.14
Soil Organic Matter	CE192	N	0.1	%	5.41
Polyaromatic hydrocarbons					
Naphthalene	CE087	M	0.016	mg/kg	< 0.016
Acenaphthylene	CE087	M	0.015	mg/kg	< 0.015
Acenaphthene	CE087	M	0.013	mg/kg	< 0.013
Fluorene	CE087	U	0.013	mg/kg	< 0.013
Phenanthrene	CE087	M	0.014	mg/kg	0.031
Anthracene	CE087	U	0.017	mg/kg	< 0.017
Fluoranthene	CE087	M	0.017	mg/kg	0.080

SOILS

Lab Number					36212
Sample ID					SP10
Depth (m)					0.00 - 0.05
Sampling Date					17/02/2025
Pyrene	CE087	M	0.016	mg/kg	0.077
Benzo(a)anthracene	CE087	U	0.012	mg/kg	0.070
Chrysene	CE087	M	0.028	mg/kg	0.043
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	0.057
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	0.025
Benzo(a)pyrene	CE087	U	0.019	mg/kg	0.050
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	0.032
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	< 0.017
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	0.033
Coronene	CE087	N	0.02	mg/kg	< 0.020
Total PAH(17)	CE087	N	0.3	mg/kg	0.498
BTEX					
Benzene	CE267	U	0.0005	mg/kg	< 0.0005
Toluene	CE267	U	0.001	mg/kg	< 0.001
Ethylbenzene	CE267	U	0.001	mg/kg	< 0.001
MTBE	CE267	N	0.002	mg/kg	< 0.002
Total BTEX	CE267	N	0.006	mg/kg	< 0.006
m,p-Xylene	CE267	U	0.002	mg/kg	< 0.002
oXylenes	CE267	U	0.002	mg/kg	< 0.002
Total Petroleum Hydrocarbons					
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10
>C10-C12 Aliphatic (EH_2D_AL)	CE250	N	1	mg/kg	< 1.0
>C12-C16 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	2.4
>C16-C21 Aliphatic (EH_2D_AL)	CE250	N	0.7	mg/kg	1.4
>C21-C35 Aliphatic (EH_2D_AL)	CE250	N	4	mg/kg	6.0
>C35-C40 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	< 0.5
>C6-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010
>C10-C12 Aromatic (EH_2D_AR)	CE250	N	0.6	mg/kg	3.0
>C12-C16 Aromatic (EH_2D_AR)	CE250	N	1	mg/kg	6.2

SOILS

Lab Number					36212
Sample ID					SP10
Depth (m)					0.00 - 0.05
Sampling Date					17/02/2025
>C16-C21 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	2.6
>C21-C35 Aromatic (EH_2D_AR)	CE250	N	4.5	mg/kg	19.2
>C35-C40 Aromatic (EH_2D_AR)	CE250	N	1.5	mg/kg	1.8
>C10-C40 Soil (EH_1D_Total)	CE033	M	19	mg/kg	45.1
Diesel Range Organics (>C10-C25) (EH_1D_	CE033	M	12	mg/kg	18
Mineral Oil (>C10-C40 Total) (EH_CU_1D_T	CE162	N	19	mg/kg	29
Wet Chem					
pH	CE004	M	0.1	pH units	7.7

METHOD DETAILS

METHOD	TESTNAME	METHOD SUMMARY	ANALYSIS BASIS
CE267	VPH in Soil	HS-GCFID	As submitted sample
CE250	GCXGC in Solids	DCM Extraction and GCxGC-FID	As submitted sample
SUBCON	Asbestos Solid	HSG248	Air Dried Sample
CE061	W. Sol Metals	ICPOES	Air dried sample
CE033	EPH in Solids	Acetone:Hexane Extraction and GCFID	As submitted sample
CE062	Acid Soluble Sulphate in Solids	HCl Extract and ICPOES	Air dried sample
CE264	Metals by ICP in Soil	ICPOES	Air dried sample
CE267	BTEX in solids	Analysis by HSGCFID	As submitted sample
CE087	PAH in Soil	DCM Extraction and GCMS	As submitted sample
CE078	Phenols in Solids	Continuous Flow Analyser	As submitted sample
CE077	Cyanides in Solids	Continuous Flow Analyser	As submitted sample
CE197	Primacs in Solids	Primacs	Air dried sample
CE162	Mineral Oil in Solids	Acetone:Hexane extract, Floriil clean up and GCFID	As submitted sample

REPORT INFORMATION

Report No.:25-01533, issue number 1

Key	
U	ISO17025 Accredited Result
M	ISO17025 and MCERTS Accredited Result
N	Do not currently hold accreditation
^	MCERTS accreditation not applicable for sample matrix
*	ISO17025 accreditation not applicable for sample matrix
S	Subcontracted
I/S	Insufficient Sample
U/S	Unsuitable sample
N/T	Not tested
<	Means "less than"
>	Means "greater than"

LOD refers to limit of detection, except in the case of pH soils and pH waters where it means limit of discrimination.

This report shall not be reproduced except in full, without prior written approval.

Opinions and interpretations expressed herein are outside the UKAS accreditation scope.

All testing carried out at Unit 6 Parkhead, Stanley, DH9 7YB, except for subcontracted testing.

The results relate only to the sample received.

Unless otherwise stated, sample information has been provided by the client. This may affect the validity of the results.

Moisture Content Calculated on a Wet Weight basis

Unless otherwise stated, Chemtech Environmental Ltd was not responsible for sampling.

Sampling was undertaken by Chemtech Environmental Limited and is outside the UKAS accreditation scope.

Methods, procedures and performance data are available on request.

Results reported herein relate only to the material supplied to the laboratory.

BTEX compounds are identified by retention time only and may include interference from co-eluting compounds.

For soils and solids, all results are reported on a dry basis. Samples dried at no more than 30°C in a drying

For soils and solids, analytical results are inclusive of stones, where applicable.

Sample Retention and Disposal

All soil samples will be retained for a period of 4 weeks from the point of receipt

All water samples will be retained for a period of 2 weeks from the point of Reporting

Charges may apply to extended sample storage

TPH Classification - HWOL Acronym System

HS	Headspace analysis
EH	Extractable Hydrocarbons - i.e. everything extracted by the solvent
CU	Clean-up - e.g. by florisil, silica gel
1D	GC - Single coil gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
2D	GC-GC - Double coil gas chromatography
#1	EH_Total but with humics mathematically subtracted
#2	EH_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total
MS	Mass Spectrometry

ANALYTICAL TEST REPORT

Report Number	24-02046 issu numbe 1
Contrac name:	Wynnstay
Clie t reference:	3120
Clie ts name:	GroundS lve Ltd
Clients address:	GroundSolve Ltd Unit 1 Well House Barns Chester Road Bretton Flintshire CH4 0DH
Samples received:	24/09/2024
Analysis started:	25/09/2024
Analysis completed:	02/10/2024
Report issued:	02/10/2024

Key

U	UKAS accredited test
M	MCERTS & UKAS accredited test
$	Test carried out by an approved subcontractor
I/S	Insufficient sample to carry out test
U/S	Sample not suitable for testing
NAD	No Asbestos Detected

[redacted]

Approved by: Sam Rogerson
Manager

SAMPLE INFORMATION

MCERTS (Soils):

Soil descriptions are only intended to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions. MCERTS accreditation applies for sand, clay and loam/topsoil, or combinations of these whether these are derived from naturally occurring soils or from made ground, as long as these materials constitute the major part of the sample. Other materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

Lab ref	Sample ID	Depth (m)	Sample description	Material removed	% Removed	% Moisture
14435	J1	-	Brown Loamy Sand with Gravel.	-	-	< 0.1
14436	J2	-	Brown Loamy Sand with Gravel.	-	-	< 0.1
14437	J3	-	Brown Loamy Clayey Sand with Gravel.	-	-	< 0.1
14438	J4	-	Brown Loamy Sand with Gravel.	-	-	< 0.1
14439	J5	-	Brown Loamy Sand with Gravel.	-	-	< 0.1
14440	J6	-	Brown Loamy Sand with Gravel.	-	-	< 0.1

DEVIATING SAMPLE INFORMATION

Comments

Sample deviation is determined in accordance with the UKAS note "Guidance on Deviating Samples" and based on reference standards and laboratory trials.
For samples identified as deviating, test result(s) may be compromised and may not be representative of the sample at the time of sampling.
Chemtech Environmental Ltd cannot be held responsible for the integrity of sample(s) received if Chemtech Environmental Ltd did not undertake the sampling. Such samples may be deviating.

Key

a	Sampling date not provided
b	Sampling time not provided (waters only)
c	Sample not received in appropriate containers
d	Storage Temperature
e	Headspace present in sample container
f	Sample exceeded sampling to reciept
g	Sample exceeded holding time(s)

Lab ref	Sample ID	Depth (m)	Deviating	Tests (Reason for deviation)
14435	J1	-	N	
14436	J2	-	N	
14437	J3	-	N	
14438	J4	-	N	
14439	J5	-	N	
14440	J6	-	N	

SOILS

Lab Number					14435	14436	14437	14438	14439
Client Reference					Soil	Soil	Soil	Soil	Soil
Sample ID					J1	J2	J3	J4	J5
Sample Location					0.10	0.10	0.10	0.10	0.10
Sampling Date					21/09/2024	21/09/2024	21/09/2024	21/09/2024	21/09/2024
Test	**Method**	**Accred**	**LoD**	**Units**					
Asbestos									
Asbestos Identification	SUBCON	SU	0	-	NAD	NAD	NAD	NAD	NAD
Soil sample preparation parameters									
Stones Content	CE001	N	0.1	%	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Metals									
Water Soluble Sulphate	CE061	M	0.01	g/l	0.1	0.1	0.0	0.1	0.1
Acid Soluble Sulphate (SO4)	CE062	M	0.01	%	0.45	0.56	0.49	0.53	0.35
Arsenic	CE264	U	1.8	mg/kg	14.9	12.4	23.8	12.7	12.3
Cadmium	CE264	M	1.6	mg/kg	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Chromium	CE264	U	2	mg/kg	19.5	15.1	20.3	17.0	15.2
Copper	CE264	M	1.6	mg/kg	23.4	23.5	22.0	29.5	21.4
Lead	CE264	U	2.3	mg/kg	28.4	21.7	31.2	28.0	22.5
Mercury	CE264	U	0.7	mg/kg	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Nickel	CE264	M	2.1	mg/kg	29.7	30.4	46.5	35.0	30.8
Selenium	CE264	U	3	mg/kg	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Zinc	CE264	M	4	mg/kg	53.5	39.1	58.4	44.6	47.4
Volatile Petroleum Hydrocarbons									
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C6-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Colourimetric									
Total Monohydric Phenols	CE078	N	0.5	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total Cyanide	CE077	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Combustion									
Moisture Content	CE001	N	0.1	%	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Total Organic Carbon	CE197	N	0.1	%	4.91	4.97	2.89	6.22	6.68

SOILS

Soil Organic Matter	CE072	N	0.1	%	8.47	8.57	4.98	10.7	11.5
TPH Ali/Aro									
>C12-C16 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	1.6	< 0.5	< 0.5	< 0.5	< 0.5
>C12-C16 Aromatic (EH_2D_AR)	CE250	N	1	mg/kg	3.9	< 1.0	< 1.0	< 1.0	< 1.0
>C16-C21 Aliphatic (EH_2D_AL)	CE250	N	0.7	mg/kg	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
>C16-C21 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
>C21-C35 Aliphatic (EH_2D_AL)	CE250	N	4	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
>C21-C35 Aromatic (EH_2D_AR)	CE250	N	4.5	mg/kg	5.3	< 4.5	< 4.5	< 4.5	< 4.5
>C35-C40 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	0.9	< 0.5	< 0.5	< 0.5	< 0.5
>C35-C40 Aromatic (EH_2D_AR)	CE250	N	1.5	mg/kg	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
>C10-C12 Aliphatic (EH_2D_AL)	CE250	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C10-C12 Aromatic (EH_2D_AR)	CE250	N	0.6	mg/kg	1.3	< 0.6	< 0.6	< 0.6	< 0.6
Polyaromatic hydrocarbons									
Naphthalene	CE087	M	0.016	mg/kg	0.020	< 0.016	< 0.016	0.021	0.027
Acenaphthylene	CE087	M	0.015	mg/kg	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Acenaphthene	CE087	M	0.013	mg/kg	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Fluorene	CE087	U	0.013	mg/kg	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Phenanthrene	CE087	M	0.014	mg/kg	0.132	0.017	< 0.014	0.084	0.076
Anthracene	CE087	U	0.017	mg/kg	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017
Fluoranthene	CE087	M	0.017	mg/kg	< 0.017	< 0.017	< 0.017	0.028	0.021
Pyrene	CE087	M	0.016	mg/kg	< 0.016	< 0.016	< 0.016	0.023	0.017
Benzo(a)anthracene	CE087	U	0.012	mg/kg	< 0.012	< 0.012	< 0.012	0.018	0.015
Chrysene	CE087	M	0.028	mg/kg	< 0.028	< 0.028	< 0.028	< 0.028	< 0.028
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Benzo(a)pyrene	CE087	U	0.019	mg/kg	< 0.019	< 0.019	< 0.019	< 0.019	< 0.019
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	< 0.019	< 0.019	< 0.019	< 0.019	< 0.019
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	< 0.019	< 0.019	< 0.019	0.025	< 0.019
Coronene	CE087	N	0.02	mg/kg	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
Total PAH(17)	CE087	N	0.3	mg/kg	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300
BTEX									
Benzene	CE192	U	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Toluene	CE192	U	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Ethylbenzene	CE192	U	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
MTBE	CE192	N	0.02	mg/kg	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
Total BTEX	CE192	N	0.06	mg/kg	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060
m,p-Xylene	CE192	U	0.02	mg/kg	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
oXylenes	CE192	U	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Wet Chem									
pH	CE004	M	0.1	pH units	6.9	6.6	6.1	6.5	6.4
EPH									
Diesel Range Organics (>C10-C25) (EH_1D_	CE033	M	12	mg/kg	37	29	21	19	38
>C10-C40 Soil (EH_1D_Total)	CE033	M	19	mg/kg	73.3	58.1	43.2	37.8	75.1
Mineral Oil (>C10-C40 Total) (EH_CU_1D_To	CE162	N	19	mg/kg	33	27	24	< 19	60

SOILS

Lab Number					14440
Client Reference					Soil
Sample ID					J6
Sample Location					0.10
Sampling Date					21/09/2024
Test	**Method**	**Accred**	**LoD**	**Units**	
Asbestos					
Asbestos Identification	SUBCON	SU	0	-	NAD
Soil sample preparation parameters					
Stones Content	CE001	N	0.1	%	< 0.1
Metals					
Water Soluble Sulphate	CE061	M	0.01	g/l	0.1
Acid Soluble Sulphate (SO4)	CE062	M	0.01	%	0.24
Arsenic	CE264	U	1.8	mg/kg	11.1
Cadmium	CE264	M	1.6	mg/kg	< 1.6
Chromium	CE264	U	2	mg/kg	14.6
Copper	CE264	M	1.6	mg/kg	38.4
Lead	CE264	U	2.3	mg/kg	23.3
Mercury	CE264	U	0.7	mg/kg	< 0.7
Nickel	CE264	M	2.1	mg/kg	34.0
Selenium	CE264	U	3	mg/kg	< 3.0
Zinc	CE264	M	4	mg/kg	47.6
Volatile Petroleum Hydrocarbons					
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010
>C6-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010
Colourimetric					
Total Monohydric Phenols	CE078	N	0.5	mg/kg	< 0.50
Total Cyanide	CE077	N	1	mg/kg	< 1.0
Combustion					
Moisture Content	CE001	N	0.1	%	< 0.1
Total Organic Carbon	CE197	N	0.1	%	7.82

SOILS

Soil Organic Matter	CE072	N	0.1	%	13.5
TPH Ali/Aro					
>C12-C16 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	< 0.5
>C12-C16 Aromatic (EH_2D_AR)	CE250	N	1	mg/kg	< 1.0
>C16-C21 Aliphatic (EH_2D_AL)	CE250	N	0.7	mg/kg	< 0.7
>C16-C21 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	< 2.0
>C21-C35 Aliphatic (EH_2D_AL)	CE250	N	4	mg/kg	< 4.0
>C21-C35 Aromatic (EH_2D_AR)	CE250	N	4.5	mg/kg	< 4.5
>C35-C40 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	< 0.5
>C35-C40 Aromatic (EH_2D_AR)	CE250	N	1.5	mg/kg	< 1.5
>C10-C12 Aliphatic (EH_2D_AL)	CE250	N	1	mg/kg	< 1.0
>C10-C12 Aromatic (EH_2D_AR)	CE250	N	0.6	mg/kg	< 0.6
Polyaromatic hydrocarbons					
Naphthalene	CE087	M	0.016	mg/kg	0.036
Acenaphthylene	CE087	M	0.015	mg/kg	< 0.015
Acenaphthene	CE087	M	0.013	mg/kg	< 0.013
Fluorene	CE087	U	0.013	mg/kg	< 0.013
Phenanthrene	CE087	M	0.014	mg/kg	0.130
Anthracene	CE087	U	0.017	mg/kg	0.021
Fluoranthene	CE087	M	0.017	mg/kg	0.053
Pyrene	CE087	M	0.016	mg/kg	0.046
Benzo(a)anthracene	CE087	U	0.012	mg/kg	0.027
Chrysene	CE087	M	0.028	mg/kg	< 0.028
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	< 0.020
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	< 0.025
Benzo(a)pyrene	CE087	U	0.019	mg/kg	< 0.019
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	< 0.019
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	< 0.017
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	0.020
Coronene	CE087	N	0.02	mg/kg	< 0.020
Total PAH(17)	CE087	N	0.3	mg/kg	0.334
BTEX					
Benzene	CE192	U	0.01	mg/kg	< 0.010
Toluene	CE192	U	0.01	mg/kg	< 0.010
Ethylbenzene	CE192	U	0.01	mg/kg	< 0.010
MTBE	CE192	N	0.02	mg/kg	< 0.020
Total BTEX	CE192	N	0.06	mg/kg	< 0.060
m,p-Xylene	CE192	U	0.02	mg/kg	< 0.020
oXylenes	CE192	U	0.01	mg/kg	< 0.010
Wet Chem					
pH	CE004	M	0.1	pH units	7.1
EPH					
Diesel Range Organics (>C10-C25) (EH_1D_	CE033	M	12	mg/kg	29
>C10-C40 Soil (EH_1D_Total)	CE033	M	19	mg/kg	68.5
Mineral Oil (>C10-C40 Total) (EH_CU_1D_To	CE162	N	19	mg/kg	29

METHOD DETAILS

METHOD	TESTNAME	METHOD SUMMARY	ANALYSIS BASIS
CE267	VPH in Soil	HS-GCFID	As submitted sample
SUBCON	Asbestos Solid	HSG248	Air Dried Sample
CE061	W. Sol Metals	ICPOES	Air dried sample
CE062	Acid Soluble Sulphate in Solids	Primacs	Air dried sample
CE264	Metals by ICP in Soil	ICPOES	Air dried sample
CE192	BTEX in solids	Analysis by HSGCFID	As submitted sample
CE033	EPH in Solids	Acetone:Hexane Extraction and GCFID	As submitted sample
CE250	GCXGC in Solids	DCM Extraction and GCxGC-FID	As submitted sample
CE087	PAH in Soil	DCM Extraction and GCMS	As submitted sample
CE078	Phenols in Solids	Continuous Flow Analyser	As submitted sample
CE077	Cyanides in Solids	Continuous Flow Analyser	As submitted sample
CE197	Primacs in Solids	Primacs	Air dried sample
CE162	Mineral Oil in Solids	Acetone:Hexane extract, Floriil clean up and GCFID	As submitted sample

REPORT INFORMATION

Report No.:24-02046, issue number 1

Key	
U	ISO17025 Accredited Result
M	ISO17025 and MCERTS Accredited Result
N	Do not currently hold accreditation
^	MCERTS accreditation not applicable for sample matrix
*	ISO17025 accreditation not applicable for sample matrix
S	Subcontracted
I/S	Insufficient Sample
U/S	Unsuitable sample
N/T	Not tested
<	Means "less than"
>	Means "greater than"

LOD refers to limit of detection, except in the case of pH soils and pH waters where it means limit of discrimination.

This report shall not be reproduced except in full, without prior written approval.

Opinions and interpretations expressed herein are outside the UKAS accreditation scope.

All testing carried out at Unit 6 Parkhead, Stanley, DH9 7YB, except for subcontracted testing.

The results relate only to the sample received.

Unless otherwise stated, sample information has been provided by the client. This may affect the validity of the results.

Moisture Content Calculated on a Wet Weight basis

Unless otherwise stated, Chemtech Environmental Ltd was not responsible for sampling.

Sampling was undertaken by Chemtech Environmental Limited and is outside the UKAS accreditation scope.

Methods, procedures and performance data are available on request.

Results reported herein relate only to the material supplied to the laboratory.

BTEX compounds are identified by retention time only and may include interference from co-eluting compounds.

For soils and solids, all results are reported on a dry basis. Samples dried at no more than 30°C in a drying

For soils and solids, analytical results are inclusive of stones, where applicable.

Sample Retention and Disposal

All soil samples will be retained for a period of 4 weeks from the point of receipt

All water samples will be retained for a period of 2 weeks from the point of Reporting

Charges may apply to extended sample storage

TPH Classification - HWOL Acronym System

HS	Headspace analysis
EH	Extractable Hydrocarbons - i.e. everything extracted by the solvent
CU	Clean-up - e.g. by florisil, silica gel
1D	GC - Single coil gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
2D	GC-GC - Double coil gas chromatography
#1	EH_Total but with humics mathematically subtracted
#2	EH_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total
MS	Mass Spectrometry

Unit A2
Windmill Road
Ponswood Industrial Estate
St Leonards on Sea
East Sussex
TN38 9BY
Telephone: (01424) 718618

cs@elab-uk.co.uk
info@elab-uk.co.uk

UKAS TESTING 2683

mCERTS THE ENVIRONMENT AGENCY'S MONITORING CERTIFICATION SCHEME

Certificate of Analysis

THE ENVIRONMENTAL LABORATORY LTD

Analytical Report Number:	24-52895
Issue:	1a
Date of Issue:	27/03/2024
Contact:	Aaron Bell
Customer Details:	GroundSolve Ltd Unit 1 Well House Barns Chester Road Bretton FlintshireCH4 0DH
Quotation No:	Q24-04319
Order No:	Not Supplied
Customer Reference:	3066
Date Received:	19/03/2024
Date Approved:	27/03/2024
Details:	Wynnstay Technology Park, Ruabon
Approved by:	[redacted]

Tim Reeve, Technical Coordinator

Sample Summary

Report No.: 24-52895, issue number 1a

Elab No.	Client's Ref.	Date Sampled	Date Scheduled	Description	Deviations
355835	SP1 ES1	15/03/2024	19/03/2024	Silty loam	
355836	SP1 ES2	15/03/2024	19/03/2024	Silty loam	
355837	SP1 ES3	15/03/2024	19/03/2024	Silty loam	
355838	SP2 ES1	15/03/2024	19/03/2024	Silty loam	
355839	SP3 ES1	15/03/2024	19/03/2024	Silty loam	
355840	SP4 ES1	15/03/2024	19/03/2024	Silty loam	
355841	SP5 ES1	15/03/2024	19/03/2024	Silty loam	
355842	SP5 ES2	15/03/2024	19/03/2024	Silty loam	
355843	SP6 ES1	15/03/2024	19/03/2024	Silty loam	

Results Summary

Report No.: 24-52895, issue number 1a

			ELAB Reference	355835	355836	355837	355838	355839	355840	355841	355842	355843
			Customer Reference	ES1	ES2	ES3	ES1	ES1	ES1	ES1	ES2	ES1
			Sample ID									
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sample Location	SP1	SP1	SP1	SP2	SP3	SP4	SP5	SP5	SP6
			Sample Depth (m)									
			Sampling Date	15/03/2024	15/03/2024	15/03/2024	15/03/2024	15/03/2024	15/03/2024	15/03/2024	15/03/2024	15/03/2024
Determinand	**Codes**	**Units**	**LOD**									
Soil sample preparation parameters												
Moisture Content	N	%	0.1	19.0	17.6	18.4	17.5	22.5	15.9	16.4	13.9	16.1
Stones Content	N	%	0.1	6.7	< 0.1	10.6	12.5	< 0.1	4.0	< 0.1	< 0.1	< 0.1
Material removed	N	%	0.1	6.7	< 0.1	10.6	12.5	< 0.1	4.0	< 0.1	< 0.1	< 0.1
Description of Inert material removed	N		0	Stones	None	Stones	Stones	None	Stones	None	None	None
Metals												
Arsenic	M	mg/kg	1	25.4	21.4	25.5	11.9	10.9	15.8	16.9	10.9	14.1
Cadmium	M	mg/kg	0.5	1.6	1.4	1.6	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	M	mg/kg	5	23.0	19.3	23.5	17.6	15.7	13.8	13.2	14.7	15.1
Copper	M	mg/kg	5	43.9	37.3	44.2	30.8	32.2	45.2	54.7	31.3	40.4
Lead	M	mg/kg	5	65.6	58.4	71.0	97.2	84.1	45.3	45.4	66.1	66.1
Mercury	M	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	M	mg/kg	5	39.2	34.2	42.0	17.9	18.7	32.6	46.3	24.1	25.5
Selenium	M	mg/kg	1	1.2	1.1	1.1	< 1.0	< 1.0	1.0	1.3	< 1.0	< 1.0
Zinc	M	mg/kg	5	168	148	176	87.3	82.3	62.5	77.1	72.5	76.3
Anions												
Water Soluble Sulphate	M	g/l	0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.02	< 0.02	0.05	< 0.02
Inorganics												
Total Cyanide	M	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.2	< 1.0
Acid Soluble Sulphate (SO4)	U	%	0.02	0.14	0.13	0.13	0.10	0.08	0.29	0.46	0.11	0.16
Miscellaneous												
pH	M	pH units	0.1	7.7	7.7	7.7	7.0	6.5	5.7	5.8	5.7	6.6
Soil Organic Matter	U	%	0.1	4.0	5.1	4.8	5.5	6.4	9.9	9.6	5.5	7.6
Total Organic Carbon	N	%	0.01	4.9	4.7	3.6	6.4	8.8	12	16	4.7	8.2

Results Summary

Report No.: 24-52895, issue number 1a

			ELAB Reference	355835	355836	355837	355838	355839	355840	355841	355842	355843
			Customer Reference	ES1	ES2	ES3	ES1	ES1	ES1	ES1	ES2	ES1
			Sample ID									
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sample Location	SP1	SP1	SP1	SP2	SP3	SP4	SP5	SP5	SP6
			Sample Depth (m)									
			Sampling Date	15/03/2024	15/03/2024	15/03/2024	15/03/2024	15/03/2024	15/03/2024	15/03/2024	15/03/2024	15/03/2024
Determinand	**Codes**	**Units**	**LOD**									
Organics												
>C8-C10 BCB (EH_1D_Total)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C10-C12 BCB (EH_1D_Total)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C12-C16 BCB (EH_1D_Total)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C16-C21 BCB (EH_1D_Total)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Diesel Range Organics (>C8-C21) (EH_1D_Total)	N	mg/kg	1	< 1	1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Phenols												
Total Monohydric Phenols	N	mg/kg	5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Polyaromatic hydrocarbons												
Naphthalene	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthene	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	2.4	2.5	< 0.5	< 0.5	5.2	< 0.5
Anthracene	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	1.2	1.3	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	0.7	< 0.5	0.7	< 0.5	< 0.5	< 0.5
Pyrene	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.6	< 0.5	< 0.5	< 0.5
Benzo(a)anthracene	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b)fluoranthene	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1,2,3-cd)pyrene	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzo(a,h)anthracene	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Benzo[g,h,i]perylene	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Coronene	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH(16)	N	mg/kg	2	< 2	< 2	2.4	7.3	5.8	4.5	< 2	6.5	< 2

Results Summary

Report No.: 24-52895, issue number 1a

			ELAB Reference	355835	355836	355837	355838	355839	355840	355841	355842	355843
			Customer Reference	ES1	ES2	ES3	ES1	ES1	ES1	ES1	ES2	ES1
			Sample ID									
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sample Location	SP1	SP1	SP1	SP2	SP3	SP4	SP5	SP5	SP6
			Sample Depth (m)									
			Sampling Date	15/03/2024	15/03/2024	15/03/2024	15/03/2024	15/03/2024	15/03/2024	15/03/2024	15/03/2024	15/03/2024
Determinand	**Codes**	**Units**	**LOD**									
BTEX												
Benzene	M	ug/kg	10	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Toluene	M	ug/kg	10	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Ethylbenzene	M	ug/kg	10	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Xylenes	M	ug/kg	10	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
MTBE	N	ug/kg	10	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
TPH CWG												
>C5-C6 Aliphatic (HS_1D_MS_AL)	N	mg/kg	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
>C6-C8 Aliphatic (HS_1D_MS_AL)	N	mg/kg	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
>C8-C10 Aliphatic (EH_CU_1D_AL)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C10-C12 Aliphatic (EH_CU_1D_AL)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C12-C16 Aliphatic (EH_CU_1D_AL)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C16-C21 Aliphatic (EH_CU_1D_AL)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C16-C35 Aliphatic (EH_CU_1D_AL)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	7.5	< 1.0	< 1.0	2.6
>C21-C35 Aliphatic (EH_CU_1D_AL)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	7.4	< 1.0	< 1.0	2.7
>C35-C40 Aliphatic (EH_CU_1D_AL)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total (>C5-C40) Aliphatic (HS_1D_MS+EH_CU_1D_AL)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	7.4	< 1.0	< 1.0	2.7
>C5-C7 Aromatic (HS_1D_MS_AR)	N	mg/kg	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
>C7-C8 Aromatic (HS_1D_MS_AR)	N	mg/kg	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
>C8-C10 Aromatic (EH_CU_1D_AR)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C10-C12 Aromatic (EH_CU_1D_AR)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C12-C16 Aromatic (EH_CU_1D_AR)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C16-C21 Aromatic (EH_CU_1D_AR)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C21-C35 Aromatic (EH_CU_1D_AR)	N	mg/kg	1	< 1.0	< 1.0	1.3	< 1.0	< 1.0	6.4	< 1.0	< 1.0	2.0
>C35-C40 Aromatic (EH_CU_1D_AR)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.3	< 1.0	< 1.0	< 1.0
Total (>C5-C40) Aromatic (HS_1D_MS+EH_CU_1D_AR)	N	mg/kg	1	< 1.0	< 1.0	1.3	< 1.0	< 1.0	7.7	< 1.0	< 1.0	2.0
Total (>C5-C40) Ali/Aro (HS_1D_MS+EH_CU_1D_Total)	N	mg/kg	1	< 1.0	< 1.0	1.3	< 1.0	< 1.0	15.2	< 1.0	< 1.0	4.7
Total Petroleum Hydrocarbons												
Mineral Oil w Florisil (EH_CU_1D_Total)	N	mg/kg	5	< 5	< 5	< 5	< 5	< 5	< 5	6	< 5	< 5

Unit A2, Windmill Road, Ponswood Industrial Estate, St Leonards on Sea, East Sussex, TN38 9BY
Tel: +44 (0)1424 718618, Email: info@elab-uk.co.uk, Web: www.elab-uk.co.uk

Results Summary

Report No.: 24-52895, issue number 1a

Asbestos Results

Analytical result only applies to the sample as submitted by the client. Any comments, opinions or interpretations (marked #) in this report are outside UKAS accreditation (Accreditation No2683). They are subjective comments only which must be verified by the client.

In accordance with procedures, a 1kg soil sample should be analysed. For amounts less than this caution should be used when analysing the data as sample size is smaller than the recommended amount, therefore samples could be deemed as not being representative of the materials present on site.

Elab No	Depth (m)	Clients Reference	Description of Sample Matrix #	Asbestos Identification	Gravimetric Analysis Total (%)	Gravimetric Analysis by ACM Type (%)	Free Fibre Analysis (%)	Total Asbestos (%)	F/mm2 (I)
355835		SP1 ES1	Brown Sandy Soil, Stones	No asbestos detected	n/t	n/t	n/t	n/t	n/t
355836		SP1 ES2	Brown Sandy Soil, Stones	No asbestos detected	n/t	n/t	n/t	n/t	n/t
355837		SP1 ES3	Brown Sandy Soil, Stones	No asbestos detected	n/t	n/t	n/t	n/t	n/t
355838		SP2 ES1	Brown Sandy Soil, Stones	No asbestos detected	n/t	n/t	n/t	n/t	n/t
355839		SP3 ES1	Brown Sandy Soil, Stones,	No asbestos detected	n/t	n/t	n/t	n/t	n/t
355840		SP4 ES1	Brown Sandy Soil, Stones	No asbestos detected	n/t	n/t	n/t	n/t	n/t
355841		SP5 ES1	Brown Sandy Soil, Stones	No asbestos detected	n/t	n/t	n/t	n/t	n/t
355842		SP5 ES2	Brown Sandy Soil, Stones	No asbestos detected	n/t	n/t	n/t	n/t	n/t
355843		SP6 ES1	Brown Sandy Soil, Stones	No asbestos detected	n/t	n/t	n/t	n/t	n/t

Method Summary

Report No.: 24-52895, issue number 1a

Parameter	Codes	Analysis Undertaken On	Date Tested	Method Number	Technique
Soil					
pH	M	Air dried sample	21/03/2024	113	Electromeric
Acid Soluble Sulphate	U	Air dried sample	22/03/2024	115	Ion Chromatography
Aqua regia extractable metals	M	Air dried sample	21/03/2024	300	ICPMS
W. Sol Metals	N	Air dried sample	26/03/2024	300	ICPMS
Phenols in solids	N	As submitted sample	21/03/2024	121	HPLC
PAH (GC-FID)	N	As submitted sample	20/03/2024	133	GC-FID
Water soluble anions	M	Air dried sample	21/03/2024	172	Ion Chromatography
Low range Aliphatic hydrocarbons soil	N	As submitted sample	22/03/2024	181	GC-MS
Low range Aromatic hydrocarbons soil	N	As submitted sample	22/03/2024	181	GC-MS
BTEX in solids	M	As submitted sample	22/03/2024	181A	GC-MS
Total cyanide	M	As submitted sample	22/03/2024	204	Colorimetry
Total organic carbon/Total sulphur	N	Air dried sample	25/03/2024	210	IR
Aliphatic hydrocarbons in soil	N	As submitted sample	25/03/2024	214	GC-FID
Aliphatic/Aromatic hydrocarbons in soil	N	As submitted sample	25/03/2024	214	GC-FID
Aromatic hydrocarbons in soil	N	As submitted sample	25/03/2024	214	GC-FID
Total organic carbon/Total sulphur	N	Air dried sample	25/03/2024	216	IR
Basic carbon banding in soil	N	As submitted sample	20/03/2024	218	GC-FID
Diesel range organics in soil	N	As submitted sample	22/03/2024	257	GC-FID
Asbestos identification	U	Air dried sample	25/03/2024	281	Microscopy
Soil organic matter	U	Air dried sample	21/03/2024	BS1377:P3	Titrimetry
TPH with Florisil clean up solids	N	As submitted sample	20/03/2024	GCL117	GC-FID

Tests marked N are not UKAS accredited

Report Information

Report No.: 24-52895, issue number 1a

Key

U	hold UKAS accreditation
M	hold MCERTS and UKAS accreditation
N	do not currently hold UKAS accreditation
^	MCERTS accreditation not applicable for sample matrix
*	UKAS accreditation not applicable for sample matrix
S	Subcontracted to approved laboratory UKAS Accredited for the test
SM	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
NS	Subcontracted to approved laboratory. UKAS accreditation is not applicable.
I/S	Insufficient Sample
U/S	Unsuitable sample
n/t	Not tested
<	means "less than"
>	means "greater than"
LOD	LOD refers to limit of detection, except in the case of pH soils and pH waters where it means limit of discrimination.
	Soil sample results are expressed on an air dried basis (dried at < 30°C), and are uncorrected for inert material removed.
	ELAB are unable to provide an interpretation or opinion on the content of this report.
	The results relate only to the sample received.
	PCB congener results may include any coeluting PCBs
	Uncertainty of measurement for the determinands tested are available upon request
	Unless otherwise stated, sample information has been provided by the client. This may affect the validity of the results.

Deviation Codes

a	No date of sampling supplied
b	No time of sampling supplied (Waters Only)
c	Sample not received in appropriate containers
d	Sample not received in cooled condition
e	The container has been incorrectly filled
f	Sample age exceeds stability time (sampling to receipt)
g	Sample age exceeds stability time (sampling to analysis)

Where a sample has a deviation code, the applicable test result may be invalid.

Sample Retention and Disposal

All soil samples will be retained for a period of one month
All water samples will be retained for 7 days following the date of the test report
Charges may apply to extended sample storage

TPH Classification - HWOL Acronym System

HS	Headspace analysis
EH	Extractable Hydrocarbons - i.e. everything extracted by the solvent
CU	Clean-up - e.g. by florisil, silica gel
1D	GC - Single coil gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
2D	GC-GC - Double coil gas chromatography
#1	EH_Total but with humics mathematically subtracted
#2	EH_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total
MS	Mass Spectrometry

End of Report

Eurofins Chemtest Ltd
Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070
Email: info@chemtest.com

Interim Report

Report No.: 25-17003-0

Initial Date of Issue:

Re-Issue Details:

Client	*Groundsolve Ltd*		
Client Address:	*Unit 1 Well House Barns* *Chester Road* *Bretton* *Chester* *CH4 0DH*		
Contact(s):	*James Thorburn*		
Project	*Wynnstay*		
Quotation No.:	*Q25-38001*	**Date Received:**	22-May-2025
Order No.:	PO002524	**Date Instructed:**	22-May-2025
No. of Samples:	*3*		
Turnaround (Wkdays):	5	**Results Due:**	29-May-2025
Date Approved:			
Approved By:			

Details:
For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report

Please note that the interim data available has passed our Quality Control Criteria but has not been verified by an approved signatory and may be subject to amendment on approval. Chemtest cannot therefore be held responsible for decisions made on interim data sets but only for the data submitted on a final report containing an approval date and signature.

Results - Soil

Project: Wynnstay

Client: Groundsolve Ltd				**Chemtest Job No.:**		25-17003	25-17003	25-17003
Quotation No.: Q25-38001				**Chemtest Sample ID.:**		1976557	1976558	1976559
Order No.: PO002524				*Client Sample Ref.:*		*A*	*B*	*C*
				Client Reference:		*SP401 (A)*	*SP401 (B)*	*SP401 (C)*
				Sample Type:		*SOIL*	*SOIL*	*SOIL*
				Top Depth (m):		*0.10*	*0.10*	*0.10*
				Date Sampled:		*21-May-2025*	*21-May-2025*	*21-May-2025*
				Time Sampled:		*9:05*	*9:05*	*9:05*
				Asbestos Lab:		DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**			
ACM Type		N	2192		N/A	-	-	-
Asbestos Identification		U	2192		N/A	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Moisture		N	2030	%	0.020	13	14	13
Soil Colour		N	2030		N/A	Brown	Brown	Brown
Other Material		N	2030		N/A	Stones, Roots and	Stones, Roots and	Stones, Roots, Wood and
Soil Texture		N	2030		N/A	Clay	Clay	Loam
pH at 20C		M	2010		4.0	7.8	7.8	7.6
Cyanide (Total)		M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Sulphate (Total)		U	2430	%	0.010	To Follow	To Follow	To Follow
Sulphate (Acid Soluble)		U	2430	%	0.010	To Follow	To Follow	To Follow
Arsenic		M	2455	mg/kg	0.5	8.6	9.4	6.6
Cadmium		M	2455	mg/kg	0.10	0.32	0.43	0.20
Chromium		M	2455	mg/kg	0.5	18	26	13
Copper		M	2455	mg/kg	0.50	22	120	17
Mercury		M	2455	mg/kg	0.05	0.11	0.12	0.07
Nickel		M	2455	mg/kg	0.50	17	21	12
Lead		M	2455	mg/kg	0.50	110	120	87
Selenium		M	2455	mg/kg	0.25	0.38	0.41	< 0.25
Zinc		M	2455	mg/kg	0.50	97	190	70
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C6-C8 (Sum)	HS_2D_AL	N	2780	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25	< 0.25	< 0.25	< 0.25
Aliphatic EPH >C10-C12 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00	< 2.0	< 2.0	< 2.0
Aliphatic EPH >C12-C16 MC	EH_2D_AL_#1	M	2690	mg/kg	1.00	< 1.0	< 1.0	< 1.0
Aliphatic EPH >C16-C21 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00	5.7	5.5	< 2.0
Aliphatic EPH >C21-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	3.00	18	17	11
Aliphatic EPH >C35-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00	< 10	< 10	< 10
Total Aliphatic EPH >C10-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	5.00	26	24	12
Total Aliphatic EPH >C10-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00	26	24	12
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05

Results - Soil

Project: Wynnstay

Client: Groundsolve Ltd				**Chemtest Job No.:**		25-17003	25-17003	25-17003
Quotation No.: Q25-38001				**Chemtest Sample ID.:**		1976557	1976558	1976559
Order No.: PO002524				*Client Sample Ref.:*		*A*	*B*	*C*
				Client Reference:		*SP401 (A)*	*SP401 (B)*	*SP401 (C)*
				Sample Type:		*SOIL*	*SOIL*	*SOIL*
				Top Depth (m):		*0.10*	*0.10*	*0.10*
				Date Sampled:		*21-May-2025*	*21-May-2025*	*21-May-2025*
				Time Sampled:		*9:05*	*9:05*	*9:05*
				Asbestos Lab:		DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**			
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25	< 0.25	< 0.25	< 0.25
Aromatic EPH >C10-C12 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00	< 1.0	< 1.0	< 1.0
Aromatic EPH >C12-C16 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00	< 1.0	< 1.0	< 1.0
Aromatic EPH >C16-C21 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00	11	8.9	6.4
Aromatic EPH >C21-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00	41	32	19
Aromatic EPH >C35-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	1.00	7.2	6.0	2.8
Total Aromatic EPH >C10-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	5.00	52	41	25
Total Aromatic EPH >C10-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	10.00	60	47	28
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Total EPH >C10-C35 MC	EH_2D_Total_#1	U	2690	mg/kg	10.00	78	65	37
Total EPH >C10-C40 MC	EH_2D_Total_#1	N	2690	mg/kg	10.00	85	71	40
Organic Matter		M	2625	%	0.40	2.9	3.1	2.2
Total Organic Carbon		M	2625	%	0.20	1.7	1.8	1.3
TPH >C6-C10	EH_1D_Total	N	2670	mg/kg	1.0	< 1.0	< 1.0	< 1.0
TPH >C10-C21	EH_1D_Total	N	2670	mg/kg	1.0	4.2	11	4.9
TPH >C21-C40	EH_1D_Total	N	2670	mg/kg	1.0	34	39	31
Total TPH >C6-C40	EH_1D_Total	U	2670	mg/kg	10	38	50	35
Benzene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
Toluene		M	2760	µg/kg	1.0	2.0	< 1.0	< 1.0
Ethylbenzene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
o-Xylene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
Methyl Tert-Butyl Ether		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
Naphthalene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene		N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Acenaphthene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Fluorene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Phenanthrene		M	2800	mg/kg	0.10	0.35	0.22	0.20
Anthracene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Fluoranthene		M	2800	mg/kg	0.10	0.93	0.37	0.43
Pyrene		M	2800	mg/kg	0.10	0.78	0.36	0.43
Benzo[a]anthracene		M	2800	mg/kg	0.10	0.43	0.19	0.21
Chrysene		M	2800	mg/kg	0.10	0.42	0.18	0.23
Benzo[b]fluoranthene		M	2800	mg/kg	0.10	0.49	0.29	0.34
Benzo[k]fluoranthene		M	2800	mg/kg	0.10	0.18	0.14	0.12
Benzo[a]pyrene		M	2800	mg/kg	0.10	0.40	0.20	0.25

Results - Soil

Project: Wynnstay

Client: Groundsolve Ltd				**Chemtest Job No.:**		25-17003	25-17003	25-17003
Quotation No.: Q25-38001				**Chemtest Sample ID.:**		1976557	1976558	1976559
Order No.: PO002524				*Client Sample Ref.:*		*A*	*B*	*C*
				Client Reference:		*SP401 (A)*	*SP401 (B)*	*SP401 (C)*
				Sample Type:		*SOIL*	*SOIL*	*SOIL*
				Top Depth (m):		*0.10*	*0.10*	*0.10*
				Date Sampled:		*21-May-2025*	*21-May-2025*	*21-May-2025*
				Time Sampled:		*9:05*	*9:05*	*9:05*
				Asbestos Lab:		DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**			
Indeno(1,2,3-c,d)Pyrene		M	2800	mg/kg	0.10	0.27	0.17	0.18
Dibenz(a,h)Anthracene		N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene		M	2800	mg/kg	0.10	0.34	0.18	0.21
Coronene		N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Total Of 17 PAH's		N	2800	mg/kg	2.0	4.6	2.3	2.6

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
2010	pH Value of Soils	pH at 20°C	pH Meter	
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <30°C.	
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry	
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Allkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.	
2455	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.	
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.	
2670	Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40	Dichloromethane extraction / GC-FID	
2690	EPH A/A Split	Aliphatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40 Aromatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40	Acetone/Heptane extraction / GCxGC FID detection	
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.	
2780	VPH A/A Split	Aliphatics: >C5–C6, >C6–C7,>C7–C8,>C8-C10 Aromatics: >C5–C7,>C7-C8,>C8–C10	Water extraction / Headspace GCxGC FID detection	
2800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene*; Acenaphthylene; Anthracene*; Benzo[a]Anthracene*; Benzo[a]Pyrene*; Benzo[b]Fluoranthene*; Benzo[ghi]Perylene*; Benzo[k]Fluoranthene; Chrysene*; Dibenz[ah]Anthracene; Fluoranthene*; Fluorene*; Indeno[123cd]Pyrene*; Naphthalene*; Phenanthrene*; Pyrene*	Dichloromethane extraction / GC-MS	

Report Information

Key	
U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"
SOP	Standard operating procedure
LOD	Limit of detection
Text example	All items indicated in italic font represent customer-supplied information that may not be independently verified by the laboratory

This report shall not be reproduced except in full, and only with the prior approval of the laboratory.

Any comments or interpretations are outside the scope of UKAS accreditation.

The Laboratory is not accredited for any sampling activities and reported results relate to the samples 'as received' at the laboratory.

Uncertainty of measurement for the determinands tested are available upon request .

None of the results in this report have been recovery corrected.

All results are expressed on a dry weight basis.

The following tests were analysed on samples 'as received' and the results subsequently corrected to a dry weight basis EPH, VPH, TPH, BTEX, VOCs, SVOCs, PCBs, Phenols.

For all other tests the samples were dried at ≤ 30°C prior to analysis.

All Asbestos testing is performed at the indicated laboratory .

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1.

NEW_ASB	Eurofins Chemtest Limited, 11 Depot Road, Newmarket, CB8 0AL
DURHAM	Eurofins Chemtest Limited, Unit A North Wing, Prospect Business Park, Crookhall Lane, Consett, Co Durham, DH8 7PW

Sample Deviation Codes

As a result of any of the below deviations applying, the test results may be unreliable

A - Date of sampling not supplied

B - Sample age exceeds stability time (sampling to extraction)

C - Sample not received in appropriate containers

D - Broken Container

E - The required amount of sample for analysis was not received

H - Appropriate cooling measures were not taken for sample transportation

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt.

All water samples will be retained for 14 days from the date of receipt.

Charges may apply to extended sample storage.

Report Information

Water Sample Category Key for Accreditation

DW - Drinking Water
GW - Ground Water
LE - Land Leachate
NA - Not Applicable
PL - Prepared Leachate
PW - Processed Water
RE - Recreational Water
SA - Saline Water
SW - Surface Water
TE - Treated Effluent
TS - Treated Sewage
UL - Unspecified Liquid

Clean Up Codes

NC - No Clean Up
MC - Mathematical Clean Up
FC - Florisil Clean Up

HWOL Acronym System

HS - Headspace analysis
EH - Extractable hydrocarbons – i.e. everything extracted by the solvent
CU - Clean-up – e.g. by Florisil, silica gel
1D - GC – Single coil gas chromatography
Total - Aliphatics & Aromatics
AL - Aliphatics only
AR - Aromatic only
2D - GC-GC – Double coil gas chromatography
#1 - EH_2D_Total but with humics mathematically subtracted
#2 - EH_2D_Total but with fatty acids mathematically subtracted
+ - Operator to indicate cumulative e.g. EH+EH_Total or EH_CU+HS_Total

Asbestos Tests LOD = LOQ

Limit of Detection = Limit of Quantification for asbestos results only

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com

APPENDIX C – 2026 - CHE ICAL TEST RESULTS

ANALYTICAL TEST REPORT

Report Number	26-00591, issue number 1
Contract name:	Wynstay Verification Works TS
Client reference:	3224
Clients name:	GroundSolve Ltd
Clients address:	GroundSolve Ltd Unit 1 85 Station Road Queensferry Flintshire CH5 2TB
Samples received:	20/01/2026
Analysis started:	20/01/2026
Analysis completed:	27/01/2026
Report issued:	27/01/2026

Key	U UKAS accredited test M MCERTS & UKAS accredited test (B) Analysis performed at Southampton Site I/S Insufficient sample to carry out test U/S Sample not suitable for testing NAD No Asbestos Detected Full key available on Information page
Approved by:	Abbie Neasham-Bourn Senior Reporting Administrator

Unit 6 Parkhead, Greencroft Industrial Park, Stanley, County Durham, DH9 7YB

Telephone: (01207) 528578, Email supportsquad@chemtech-env.co.uk

SAMPLE INFORMATION

MCERTS (Soils):

Soil descriptions are only intended to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions. MCERTS accreditation applies for sand, clay and loam/topsoil, or combinations of these whether these are derived from naturally occurring soils or from made ground, as long as these materials constitute the major part of the sample. Other materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.
% Moisture reported as MCERTS drying at 30°C

Lab ref	Sample ID	Depth (m)	Sample description	Material removed	% Removed	% Moisture
84979	Plot 2	0.15	Brown Loamy Sand Clay with Gravel and Vegetation.	-	-	19.9
84980	Plot 4	0.24	Brown Loamy Sand Clay with Gravel and Vegetation.	-	-	16.3
84981	Plot 5	0.20	Brown Loamy Sand Clay with Gravel and Vegetation.	-	-	17.2
84982	Plot 6	0.15	Brown Loamy Sand Clay with Gravel and Vegetation.	-	-	18.8
84983	Plot 8	0.15	Brown Loamy Sand Clay with Gravel and Vegetation.	-	-	17.7
84984	Plot 9	0.15	Brown Loamy Sand Clay with Gravel and Vegetation.	-	-	18.6
84985	Plot 10	0.25	Brown Loamy Sand Clay with Gravel and Vegetation.	-	-	18.2
84986	Plot 11	0.15	Brown Loamy Sand Clay with Gravel and Vegetation.	-	-	18.8
84987	Plot 33	0.15	Brown Loamy Sand Clay with Gravel and Vegetation.	-	-	18.0
84988	Plot 34	0.25	Brown Loamy Sand Clay with Gravel and Vegetation.	-	-	17.9
84989	POS 1	0.15	Brown Loamy Sand Clay with Gravel and Vegetation.	-	-	18.9
84990	Plot 15	0.10	Brown Loamy Sand Clay with Gravel and Vegetation.	-	-	19.3
84991	Plot 18	0.15	Brown Loamy Sand Clay with Gravel and Vegetation.	-	-	18.2
84992	POS 2	0.15	Brown Loamy Sand Clay with Gravel and Vegetation.	-	-	18.6
84993	Plot 28	0.10	Brown Loamy Sand Clay with Gravel and Vegetation.	-	-	17.1
84994	Plot 37	0.15	Brown Loamy Sand Clay with Gravel and Vegetation.	-	-	18.1
84995	Plot 42	0.15	Brown Loamy Sand Clay with Gravel and Vegetation.	-	-	18.7
84996	Plot 5 EXTRA	0.40	-	-	-	-

DEVIATING SAMPLE INFORMATION

Comments
Sample deviation is determined in accordance with the UKAS note "Guidance on Deviating Samples" and based on reference standards and laboratory trials.
For samples identified as deviating, test result(s) may be compromised and may not be representative of the sample at the time of sampling.
Chemtech Environmental Ltd cannot be held responsible for the integrity of sample(s) received if Chemtech Environmental Ltd did not undertake the sampling. Such samples may be deviating.

Key

a	Sampling date not provided
b	Sampling time not provided (waters only)
c	Sample not received in appropriate containers
d	Storage Temperature
e	Headspace present in sample container
f	Sample exceeded sampling to receipt
g	Sample exceeded holding time(s)

Lab ref	Sample ID	Depth (m)	Deviating	Tests (Reason for deviation)
84979	Plot 2	0.15	N	
84980	Plot 4	0.24	N	
84981	Plot 5	0.20	N	
84982	Plot 6	0.15	N	
84983	Plot 8	0.15	N	
84984	Plot 9	0.15	N	
84985	Plot 10	0.25	N	
84986	Plot 11	0.15	N	
84987	Plot 33	0.15	N	
84988	Plot 34	0.25	N	
84989	POS 1	0.15	N	
84990	Plot 15	0.10	N	
84991	Plot 18	0.15	N	
84992	POS 2	0.15	N	
84993	Plot 28	0.10	N	
84994	Plot 37	0.15	N	
84995	Plot 42	0.15	N	

SOILS

Lab Number					84979	84980	84981	84982	84983
Sample ID					Plot 2	Plot 4	Plot 5	Plot 6	Plot 8
Depth (m)					0.15	0.24	0.20	0.15	0.15
Sampling Date					15/01/2026	15/01/2026	15/01/2026	15/01/2026	15/01/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Asbestos									
Asbestos Identification	SUBCON	SU	0	-	NAD	NAD	NAD	NAD	NAD
Soil sample preparation parameters									
Stones Content	CE001	N	0.1	%	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Metals									
Water Soluble Sulphate	CE061	M	0.01	g/l	0.029	0.045	0.073	0.018	0.016
Acid Soluble Sulphate (SO4)	CE062	M	0.01	%	0.04	0.05	0.05	0.04	0.03
Arsenic	CE264	U	1.8	mg/kg	7.1	7.1	7.9	8.6	8.8
Cadmium	CE264	M	1.6	mg/kg	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Chromium	CE264	U	2	mg/kg	11.3	10.2	12.4	12.8	14.9
Copper	CE264	U	1.6	mg/kg	6.4	6.6	7.5	7.8	9.6
Lead	CE264	U	2.3	mg/kg	37.8	33.7	38.5	43.4	51.4
Mercury	CE264	U	0.7	mg/kg	< 0.7	< 0.7	0.9	< 0.7	0.9
Nickel	CE264	M	2.1	mg/kg	8.0	7.6	8.5	9.7	11.2
Selenium	CE264	U	3	mg/kg	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Zinc	CE264	M	4	mg/kg	62.5	52.8	64.0	68.3	81.1
Colourimetric									
Total Monohydric Phenols	CE078	N	0.5	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total Cyanide	CE077	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Combustion									
Moisture Content	CE001	N	0.1	%	19.9	16.3	17.2	18.8	17.7
Total Organic Carbon	CE197	M	0.1	%	1.68	1.58	1.40	1.44	1.34
Soil Organic Matter	CE192	N	0.1	%	2.90	2.72	2.41	2.48	2.31
Polyaromatic hydrocarbons									
Naphthalene	CE087	M	0.016	mg/kg	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016
Acenaphthylene	CE087	M	0.015	mg/kg	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Acenaphthene	CE087	M	0.013	mg/kg	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Fluorene	CE087	U	0.013	mg/kg	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Phenanthrene	CE087	M	0.014	mg/kg	0.028	0.032	0.039	0.023	0.021
Anthracene	CE087	U	0.017	mg/kg	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017
Fluoranthene	CE087	M	0.017	mg/kg	0.041	0.041	0.075	0.038	0.034

SOILS

Lab Number					84979	84980	84981	84982	84983
Sample ID					Plot 2	Plot 4	Plot 5	Plot 6	Plot 8
Depth (m)					0.15	0.24	0.20	0.15	0.15
Sampling Date					15/01/2026	15/01/2026	15/01/2026	15/01/2026	15/01/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Pyrene	CE087	M	0.016	mg/kg	0.040	0.038	0.068	0.035	0.032
Benzo(a)anthracene	CE087	U	0.012	mg/kg	0.025	0.026	0.047	0.019	0.024
Chrysene	CE087	M	0.028	mg/kg	< 0.028	< 0.028	0.041	< 0.028	< 0.028
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	0.027	0.032	0.049	0.028	0.026
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Benzo(a)pyrene	CE087	U	0.019	mg/kg	0.022	0.025	0.038	0.023	0.021
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	0.022	0.025	0.037	0.020	< 0.019
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	< 0.019	0.020	0.030	< 0.019	< 0.019
Coronene	CE087	N	0.02	mg/kg	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
Total PAH(17)	CE087	N	0.3	mg/kg	< 0.300	< 0.300	0.423	< 0.300	< 0.300
BTEX									
Benzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
MTBE	CE267	N	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Total BTEX	CE267	N	0.007	mg/kg	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007
m,p-Xylene	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
oXylenes	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Total Petroleum Hydrocarbons									
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C10-C12 Aliphatic (EH_2D_AL)	CE250	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C12-C16 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
>C16-C21 Aliphatic (EH_2D_AL)	CE250	N	0.7	mg/kg	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
>C21-C35 Aliphatic (EH_2D_AL)	CE250	N	4	mg/kg	< 4.0	< 4.0	9.1	< 4.0	< 4.0
>C35-C40 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
>C5-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

SOILS

Lab Number					84979	84980	84981	84982	84983
Sample ID					Plot 2	Plot 4	Plot 5	Plot 6	Plot 8
Depth (m)					0.15	0.24	0.20	0.15	0.15
Sampling Date					15/01/2026	15/01/2026	15/01/2026	15/01/2026	15/01/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
>C10-C12 Aromatic (EH_2D_AR)	CE250	N	0.6	mg/kg	< 0.6	< 0.6	0.6	< 0.6	< 0.6
>C12-C16 Aromatic (EH_2D_AR)	CE250	N	1	mg/kg	< 1.0	< 1.0	1.8	< 1.0	< 1.0
>C16-C21 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
>C21-C35 Aromatic (EH_2D_AR)	CE250	N	4.5	mg/kg	< 4.5	< 4.5	9.7	< 4.5	< 4.5
>C35-C40 Aromatic (EH_2D_AR)	CE250	N	1.5	mg/kg	< 1.5	< 1.5	2.2	< 1.5	< 1.5
>C10-C40 Soil (EH_1D_Total)	CE033	M	19	mg/kg	35.5	26.4	25.1	25.4	35.7
Diesel Range Organics (>C10-C25) (EH_1D_Total)	CE033	M	12	mg/kg	21	< 12	< 12	< 12	15
Mineral Oil (>C10-C40 Total) (EH_CU_1D_Total)	CE162	N	19	mg/kg	30	< 19	< 19	< 19	26
Wet Chem									
pH	CE004	M	0.1	pH units	7.9	7.9	7.7	7.8	7.9

SOILS

Lab Number					84984	84985	84986	84987	84988
Sample ID					Plot 9	Plot 10	Plot 11	Plot 33	Plot 34
Depth (m)					0.15	0.25	0.15	0.15	0.25
Sampling Date					15/01/2026	15/01/2026	15/01/2026	15/01/2026	15/01/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Asbestos									
Asbestos Identification	SUBCON	SU	0	-	NAD	NAD	NAD	NAD	NAD
Soil sample preparation parameters									
Stones Content	CE001	N	0.1	%	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Metals									
Water Soluble Sulphate	CE061	M	0.01	g/l	0.029	0.018	0.018	0.029	0.026
Acid Soluble Sulphate (SO4)	CE062	M	0.01	%	0.04	0.04	0.03	0.04	0.04
Arsenic	CE264	U	1.8	mg/kg	8.7	9.4	8.9	8.3	10.5
Cadmium	CE264	M	1.6	mg/kg	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Chromium	CE264	U	2	mg/kg	14.1	14.8	15.0	14.2	16.4
Copper	CE264	U	1.6	mg/kg	8.8	9.0	9.3	8.5	9.6
Lead	CE264	U	2.3	mg/kg	48.1	48.9	50.3	45.0	52.9
Mercury	CE264	U	0.7	mg/kg	1.3	0.9	1.1	< 0.7	1.4
Nickel	CE264	M	2.1	mg/kg	11.6	11.3	11.7	10.6	11.8
Selenium	CE264	U	3	mg/kg	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Zinc	CE264	M	4	mg/kg	77.2	79.5	80.3	72.9	84.8
Colourimetric									
Total Monohydric Phenols	CE078	N	0.5	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total Cyanide	CE077	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Combustion									
Moisture Content	CE001	N	0.1	%	18.6	18.2	18.8	18.0	17.9
Total Organic Carbon	CE197	M	0.1	%	1.49	1.41	1.46	1.32	1.54
Soil Organic Matter	CE192	N	0.1	%	2.57	2.43	2.52	2.28	2.66
Polyaromatic hydrocarbons									
Naphthalene	CE087	M	0.016	mg/kg	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016
Acenaphthylene	CE087	M	0.015	mg/kg	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Acenaphthene	CE087	M	0.013	mg/kg	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Fluorene	CE087	U	0.013	mg/kg	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Phenanthrene	CE087	M	0.014	mg/kg	0.034	0.028	0.022	0.020	0.033
Anthracene	CE087	U	0.017	mg/kg	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017
Fluoranthene	CE087	M	0.017	mg/kg	0.049	0.048	0.039	0.038	0.057

SOILS

Lab Number					84984	84985	84986	84987	84988
Sample ID					Plot 9	Plot 10	Plot 11	Plot 33	Plot 34
Depth (m)					0.15	0.25	0.15	0.15	0.25
Sampling Date					15/01/2026	15/01/2026	15/01/2026	15/01/2026	15/01/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Pyrene	CE087	M	0.016	mg/kg	0.047	0.045	0.037	0.035	0.053
Benzo(a)anthracene	CE087	U	0.012	mg/kg	0.035	0.030	0.024	0.023	0.036
Chrysene	CE087	M	0.028	mg/kg	< 0.028	0.031	< 0.028	< 0.028	0.034
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	0.033	0.034	0.027	0.027	0.040
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Benzo(a)pyrene	CE087	U	0.019	mg/kg	0.028	0.027	0.023	0.023	0.034
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	0.024	0.026	0.021	0.020	0.030
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	0.021	0.020	< 0.019	< 0.019	0.024
Coronene	CE087	N	0.02	mg/kg	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
Total PAH(17)	CE087	N	0.3	mg/kg	< 0.300	< 0.300	< 0.300	< 0.300	0.339
BTEX									
Benzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
MTBE	CE267	N	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Total BTEX	CE267	N	0.007	mg/kg	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007
m,p-Xylene	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
oXylenes	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Total Petroleum Hydrocarbons									
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C10-C12 Aliphatic (EH_2D_AL)	CE250	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C12-C16 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
>C16-C21 Aliphatic (EH_2D_AL)	CE250	N	0.7	mg/kg	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
>C21-C35 Aliphatic (EH_2D_AL)	CE250	N	4	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
>C35-C40 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
>C5-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

SOILS

Lab Number					84984	84985	84986	84987	84988
Sample ID					Plot 9	Plot 10	Plot 11	Plot 33	Plot 34
Depth (m)					0.15	0.25	0.15	0.15	0.25
Sampling Date					15/01/2026	15/01/2026	15/01/2026	15/01/2026	15/01/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
>C10-C12 Aromatic (EH_2D_AR)	CE250	N	0.6	mg/kg	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
>C12-C16 Aromatic (EH_2D_AR)	CE250	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C16-C21 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
>C21-C35 Aromatic (EH_2D_AR)	CE250	N	4.5	mg/kg	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5
>C35-C40 Aromatic (EH_2D_AR)	CE250	N	1.5	mg/kg	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
>C10-C40 Soil (EH_1D_Total)	CE033	M	19	mg/kg	46.0	31.5	< 19.0	< 19.0	45.9
Diesel Range Organics (>C10-C25) (EH_1D_Total)	CE033	M	12	mg/kg	23	< 12	< 12	< 12	14
Mineral Oil (>C10-C40 Total) (EH_CU_1D_Total)	CE162	N	19	mg/kg	22	< 19	< 19	< 19	< 19
Wet Chem									
pH	CE004	M	0.1	pH units	7.9	8.0	8.0	8.0	8.0

SOILS

Lab Number					84989	84990	84991	84992	84993
Sample ID					POS 1	Plot 15	Plot 18	POS 2	Plot 28
Depth (m)					0.15	0.10	0.15	0.15	0.10
Sampling Date					15/01/2026	15/01/2026	15/01/2026	15/01/2026	15/01/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Asbestos									
Asbestos Identification	SUBCON	SU	0	-	NAD	NAD	NAD	NAD	NAD
Soil sample preparation parameters									
Stones Content	CE001	N	0.1	%	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Metals									
Water Soluble Sulphate	CE061	M	0.01	g/l	0.018	0.027	0.020	0.095	0.036
Acid Soluble Sulphate (SO4)	CE062	M	0.01	%	0.04	0.04	0.04	0.06	0.05
Arsenic	CE264	U	1.8	mg/kg	10.9	9.4	9.2	10.2	8.7
Cadmium	CE264	M	1.6	mg/kg	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Chromium	CE264	U	2	mg/kg	16.8	15.4	15.2	17.0	14.7
Copper	CE264	U	1.6	mg/kg	10.4	9.0	11.5	14.9	10.2
Lead	CE264	U	2.3	mg/kg	61.1	52.2	54.5	68.1	51.2
Mercury	CE264	U	0.7	mg/kg	1.3	1.8	1.0	0.8	< 0.7
Nickel	CE264	M	2.1	mg/kg	12.1	11.4	12.3	13.7	11.6
Selenium	CE264	U	3	mg/kg	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Zinc	CE264	M	4	mg/kg	89.0	82.8	81.6	92.6	81.2
Colourimetric									
Total Monohydric Phenols	CE078	N	0.5	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total Cyanide	CE077	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Combustion									
Moisture Content	CE001	N	0.1	%	18.9	19.3	18.2	18.6	17.1
Total Organic Carbon	CE197	M	0.1	%	1.53	1.49	1.75	1.55	1.61
Soil Organic Matter	CE192	N	0.1	%	2.64	2.57	3.02	2.67	2.78
Polyaromatic hydrocarbons									
Naphthalene	CE087	M	0.016	mg/kg	0.024	< 0.016	< 0.016	< 0.016	< 0.016
Acenaphthylene	CE087	M	0.015	mg/kg	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Acenaphthene	CE087	M	0.013	mg/kg	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Fluorene	CE087	U	0.013	mg/kg	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Phenanthrene	CE087	M	0.014	mg/kg	0.053	0.036	0.023	0.058	0.038
Anthracene	CE087	U	0.017	mg/kg	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017
Fluoranthene	CE087	M	0.017	mg/kg	0.103	0.076	0.041	0.109	0.057

SOILS

Lab Number					84989	84990	84991	84992	84993
Sample ID					POS 1	Plot 15	Plot 18	POS 2	Plot 28
Depth (m)					0.15	0.10	0.15	0.15	0.10
Sampling Date					15/01/2026	15/01/2026	15/01/2026	15/01/2026	15/01/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Pyrene	CE087	M	0.016	mg/kg	0.096	0.070	0.037	0.103	0.055
Benzo(a)anthracene	CE087	U	0.012	mg/kg	0.062	0.050	0.032	0.070	0.039
Chrysene	CE087	M	0.028	mg/kg	0.055	0.043	< 0.028	0.057	0.035
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	0.081	0.059	0.031	0.081	0.044
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	0.031	< 0.025	< 0.025	0.036	< 0.025
Benzo(a)pyrene	CE087	U	0.019	mg/kg	0.072	0.050	0.022	0.070	0.036
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	0.058	0.043	0.023	0.063	0.032
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	0.047	0.035	< 0.019	0.050	0.026
Coronene	CE087	N	0.02	mg/kg	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
Total PAH(17)	CE087	N	0.3	mg/kg	0.682	0.460	< 0.300	0.697	0.363
BTEX									
Benzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
MTBE	CE267	N	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Total BTEX	CE267	N	0.007	mg/kg	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007
m,p-Xylene	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
oXylenes	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Total Petroleum Hydrocarbons									
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C10-C12 Aliphatic (EH_2D_AL)	CE250	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C12-C16 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
>C16-C21 Aliphatic (EH_2D_AL)	CE250	N	0.7	mg/kg	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
>C21-C35 Aliphatic (EH_2D_AL)	CE250	N	4	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
>C35-C40 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
>C5-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

SOILS

Lab Number					84989	84990	84991	84992	84993
Sample ID					POS 1	Plot 15	Plot 18	POS 2	Plot 28
Depth (m)					0.15	0.10	0.15	0.15	0.10
Sampling Date					15/01/2026	15/01/2026	15/01/2026	15/01/2026	15/01/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
>C10-C12 Aromatic (EH_2D_AR)	CE250	N	0.6	mg/kg	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
>C12-C16 Aromatic (EH_2D_AR)	CE250	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C16-C21 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
>C21-C35 Aromatic (EH_2D_AR)	CE250	N	4.5	mg/kg	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5
>C35-C40 Aromatic (EH_2D_AR)	CE250	N	1.5	mg/kg	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
>C10-C40 Soil (EH_1D_Total)	CE033	M	19	mg/kg	31.5	< 19.0	36.0	181	27.0
Diesel Range Organics (>C10-C25) (EH_1D_Total)	CE033	M	12	mg/kg	12	< 12	12	34	< 12
Mineral Oil (>C10-C40 Total) (EH_CU_1D_Total)	CE162	N	19	mg/kg	< 19	< 19	21	58	20
Wet Chem									
pH	CE004	M	0.1	pH units	8.1	8.0	8.0	7.9	8.1

SOILS

Lab Number					84994	84995
Sample ID					Plot 37	Plot 42
Depth (m)					0.15	0.15
Sampling Date					15/01/2026	15/01/2026
Test	**Method**	**Accred**	**LoD**	**Units**		
Asbestos						
Asbestos Identification	SUBCON	SU	0	-	NAD	NAD
Soil sample preparation parameters						
Stones Content	CE001	N	0.1	%	< 0.1	< 0.1
Metals						
Water Soluble Sulphate	CE061	M	0.01	g/l	0.039	0.271
Acid Soluble Sulphate (SO4)	CE062	M	0.01	%	0.04	0.09
Arsenic	CE264	U	1.8	mg/kg	10.3	11.1
Cadmium	CE264	M	1.6	mg/kg	< 1.6	< 1.6
Chromium	CE264	U	2	mg/kg	18.0	18.2
Copper	CE264	U	1.6	mg/kg	12.0	14.3
Lead	CE264	U	2.3	mg/kg	54.9	60.3
Mercury	CE264	U	0.7	mg/kg	1.1	1.6
Nickel	CE264	M	2.1	mg/kg	14.1	14.5
Selenium	CE264	U	3	mg/kg	< 3.0	< 3.0
Zinc	CE264	M	4	mg/kg	87.6	95.8
Colourimetric						
Total Monohydric Phenols	CE078	N	0.5	mg/kg	< 0.50	< 0.50
Total Cyanide	CE077	N	1	mg/kg	< 1.0	< 1.0
Combustion						
Moisture Content	CE001	N	0.1	%	18.1	18.7
Total Organic Carbon	CE197	M	0.1	%	1.48	1.45
Soil Organic Matter	CE192	N	0.1	%	2.55	2.50
Polyaromatic hydrocarbons						
Naphthalene	CE087	M	0.016	mg/kg	< 0.016	< 0.016
Acenaphthylene	CE087	M	0.015	mg/kg	< 0.015	< 0.015
Acenaphthene	CE087	M	0.013	mg/kg	< 0.013	< 0.013
Fluorene	CE087	U	0.013	mg/kg	< 0.013	< 0.013
Phenanthrene	CE087	M	0.014	mg/kg	0.022	0.027
Anthracene	CE087	U	0.017	mg/kg	< 0.017	< 0.017
Fluoranthene	CE087	M	0.017	mg/kg	0.037	0.039

SOILS

Lab Number					84994	84995
Sample ID					Plot 37	Plot 42
Depth (m)					0.15	0.15
Sampling Date					15/01/2026	15/01/2026
Test	**Method**	**Accred**	**LoD**	**Units**		
Pyrene	CE087	M	0.016	mg/kg	0.034	0.034
Benzo(a)anthracene	CE087	U	0.012	mg/kg	0.029	0.030
Chrysene	CE087	M	0.028	mg/kg	< 0.028	< 0.028
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	0.028	0.027
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	< 0.025	< 0.025
Benzo(a)pyrene	CE087	U	0.019	mg/kg	0.022	0.023
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	0.019	0.021
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	< 0.017	< 0.017
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	< 0.019	< 0.019
Coronene	CE087	N	0.02	mg/kg	< 0.020	< 0.020
Total PAH(17)	CE087	N	0.3	mg/kg	< 0.300	< 0.300
BTEX						
Benzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001
Toluene	CE267	U	0.001	mg/kg	< 0.001	< 0.001
Ethylbenzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001
MTBE	CE267	N	0.002	mg/kg	< 0.002	< 0.002
Total BTEX	CE267	N	0.007	mg/kg	< 0.007	< 0.007
m,p-Xylene	CE267	U	0.002	mg/kg	< 0.002	< 0.002
oXylenes	CE267	U	0.002	mg/kg	< 0.002	< 0.002
Total Petroleum Hydrocarbons						
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10
>C10-C12 Aliphatic (EH_2D_AL)	CE250	N	1	mg/kg	< 1.0	< 1.0
>C12-C16 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	< 0.5	< 0.5
>C16-C21 Aliphatic (EH_2D_AL)	CE250	N	0.7	mg/kg	< 0.7	< 0.7
>C21-C35 Aliphatic (EH_2D_AL)	CE250	N	4	mg/kg	< 4.0	< 4.0
>C35-C40 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	< 0.5	< 0.5
>C5-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010

SOILS

Lab Number					84994	84995
Sample ID					Plot 37	Plot 42
Depth (m)					0.15	0.15
Sampling Date					15/01/2026	15/01/2026
Test	**Method**	**Accred**	**LoD**	**Units**		
>C10-C12 Aromatic (EH_2D_AR)	CE250	N	0.6	mg/kg	< 0.6	< 0.6
>C12-C16 Aromatic (EH_2D_AR)	CE250	N	1	mg/kg	< 1.0	< 1.0
>C16-C21 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	< 2.0	< 2.0
>C21-C35 Aromatic (EH_2D_AR)	CE250	N	4.5	mg/kg	< 4.5	< 4.5
>C35-C40 Aromatic (EH_2D_AR)	CE250	N	1.5	mg/kg	< 1.5	< 1.5
>C10-C40 Soil (EH_1D_Total)	CE033	M	19	mg/kg	74.3	34.8
Diesel Range Organics (>C10-C25) (EH_1D_Total)	CE033	M	12	mg/kg	26	15
Mineral Oil (>C10-C40 Total) (EH_CU_1D_Total)	CE162	N	19	mg/kg	< 19	< 19
Wet Chem						
pH	CE004	M	0.1	pH units	8.0	8.1

METHOD DETAILS

METHOD	TESTNAME	METHOD SUMMARY	ANALYSIS BASIS
CE267	VPH in Soil	HS-GCFID	As submitted sample
CE250	GCXGC in Soil	DCM Extraction and GCxGC-FID	As submitted sample
SUBCON	Asbestos Soil	HSG248	Air Dried Sample
CE061	W. Sol Metals	ICPOES	Air dried sample
CE033	EPH in Soil	Acetone:Hexane Extraction and GCFID	As submitted sample
CE062	Acid Soluble Sulphate in Soils	HCl Extract and ICPOES	Air dried sample
CE264	Metals by ICP in Soil	ICPOES	Air dried sample
CE267	BTEX in Soils	Analysis by HSGCFID	As submitted sample
CE087	PAH in Soil	DCM Extraction and GCMS	As submitted sample
CE078	Phenols in Soil	Continuous Flow Analyser	As submitted sample
CE077	Cyanides in Soils	Continuous Flow Analyser	As submitted sample
CE197	Primacs in Soil	Primacs	Air dried sample
CE162	Mineral Oil in Soil	Acetone:Hexane extract, Floriil clean up and GCFID	As submitted sample

REPORT INFORMATION

Report No.:26-00591, issue number 1

Key	
U	ISO17025 Accredited Result
M	ISO17025 and MCERTS Accredited Result
N	Do not currently hold accreditation
^	MCERTS accreditation not applicable for sample matrix
*	ISO17025 accreditation not applicable for sample matrix
S	Subcontracted
I/S	Insufficient Sample
U/S	Unsuitable sample
N/T	Not tested
<	Means "less than"
>	Means "greater than"

LOD refers to limit of detection, except in the case of pH soils and pH waters where it means limit of discrimination.

This report shall not be reproduced except in full, without prior written approval.

Opinions and interpretations expressed herein are outside the UKAS accreditation scope.

All testing carried out at Unit 6 Parkhead, Stanley, DH9 7YB, except for subcontracted testing.

The results relate only to the sample received.

Unless otherwise stated, sample information has been provided by the client. This may affect the validity of the results.

Moisture Content Calculated on a Wet Weight basis (at 30°C)

Unless otherwise stated, Chemtech Environmental Ltd was not responsible for sampling.

Where sampling was undertaken by Chemtech Environmental Limited it is outside the UKAS accreditation scope.

Methods, procedures and performance data are available on request.

Results reported herein relate only to the material supplied to the laboratory.

BTEX compounds are identified by retention time only and may include interference from co-eluting compounds.

For soils and solids, all results are reported on a dry basis (30°C). Samples dried at no more than 30°C in a drying cabinet.

For soils and solids, analytical results are inclusive of stones and 'inert' material, where applicable.

'Client Reference', 'Sample ID', 'Sample Location', 'Sample Type', 'Depth', 'Sample Date' and 'Sample Time' information is provided by the customer

Sample Retention and Disposal

All soil samples will be retained for a period of 4 weeks from the point of receipt

All water samples will be retained for a period of 2 weeks from the point of Reporting

Charges may apply to extended sample storage

TPH Classification - HWOL Acronym System

HS	Headspace analysis
EH	Extractable Hydrocarbons - i.e. everything extracted by the solvent
CU	Clean-up - e.g. by florisil, silica gel
1D	GC - Single coil gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
2D	GC-GC - Double coil gas chromatography
#1	EH_Total but with humics mathematically subtracted
#2	EH_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total
MS	Mass Spectrometry

Unless specifically identified (noted as "(B)" in analyte name) all internal analysis performed at Durham site

Vat Reg No. 772 5703 18 Registered in England number 4284013

ANALYTICAL TEST REPORT

Report Number	26-00589, issue number 1
Contract name:	Wynstay Verification Works - SS
Client reference:	3224
Clients name:	GroundSolve Ltd
Clients address:	GroundSolve Ltd Unit 1 85 Station Road Queensferry Flintshire CH5 2TB
Samples received:	20/01/2026
Analysis started:	20/01/2026
Analysis completed:	27/01/2026
Report issued:	27/01/2026

Key	U UKAS accredited test M MCERTS & UKAS accredited test (B) Analysis performed at Southampton Site I/S Insufficient sample to carry out test U/S Sample not suitable for testing NAD No Asbestos Detected Full key available on Information page
Approved by:	[redacted] Abbie Neasham-Bourn Senior Reporting Administrator

SAMPLE INFORMATION

MCERTS (Soils):

Soil descriptions are only intended to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions. MCERTS accreditation applies for sand, clay and loam/topsoil, or combinations of these whether these are derived from naturally occurring soils or from made ground, as long as these materials constitute the major part of the sample. Other materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.
% Moisture reported as MCERTS drying at 30°C

Lab ref	Sample ID	Depth (m)	Sample description	Material removed	% Removed	% Moisture
84957	Plot 1	0.35	Brown Sand with Gravel and Vegetation.	-	-	19.0
84958	Plot 2	0.40	Brown Sand with Gravel and Vegetation.	-	-	17.5
84959	Plot 3	0.30	Brown Sand with Gravel and Vegetation.	-	-	19.8
84960	Plot 4	0.40	Brown Sand with Gravel and Vegetation.	-	-	15.5
84961	Plot 5	0.50	Brown Sand with Gravel and Vegetation.	-	-	5.4
84962	Plot 6	0.40	Brown Sand with Gravel and Vegetation.	-	-	23.9
84963	Plot 7	0.35	Brown Sand with Gravel and Vegetation.	-	-	12.7
84964	Plot 8	0.35	Brown Sand with Gravel and Vegetation.	-	-	14.3
84965	Plot 9	0.50	Brown Sand with Gravel and Vegetation.	-	-	14.2
84966	Plot 10	0.60	Brown Sand with Gravel and Vegetation.	-	-	13.2
84967	Plot 11	0.40	Brown Sand with Gravel and Vegetation.	-	-	13.8
84968	Plot 33	0.40	Brown Sand with Gravel and Vegetation.	-	-	20.8
84969	Plot 34	0.60	Brown Sand with Gravel and Vegetation.	-	-	20.3
84970	POS 1	0.60	Brown Sand with Gravel and Vegetation.	-	-	12.4
84971	Plot 15	0.40	Brown Sand with Gravel and Vegetation.	-	-	11.9
84972	Plot 18	0.50	Brown Sand with Gravel and Vegetation.	-	-	11.5
84973	Plot 28	0.40	Brown Sand with Gravel and Vegetation.	-	-	17.4
84974	Plot 37	0.50	Brown Sand with Gravel and Vegetation.	-	-	12.6
84975	Plot 42	0.50	Brown Sand with Gravel and Vegetation.	-	-	13.0
84976	POS 2	0.50	Brown Sand with Gravel and Vegetation.	-	-	21.8

DEVIATING SAMPLE INFORMATION

Comments
Sample deviation is determined in accordance with the UKAS note "Guidance on Deviating Samples" and based on reference standards and laboratory trials.
For samples identified as deviating, test result(s) may be compromised and may not be representative of the sample at the time of sampling.
Chemtech Environmental Ltd cannot be held responsible for the integrity of sample(s) received if Chemtech Environmental Ltd did not undertake the sampling. Such samples may be deviating.

Key

a	Sampling date not provided
b	Sampling time not provided (waters only)
c	Sample not received in appropriate containers
d	Storage Temperature
e	Headspace present in sample container
f	Sample exceeded sampling to receipt
g	Sample exceeded holding time(s)

Lab ref	Sample ID	Depth (m)	Deviating	Tests (Reason for deviation)
84957	Plot 1	0.35	N	
84958	Plot 2	0.40	N	
84959	Plot 3	0.30	N	
84960	Plot 4	0.40	N	
84961	Plot 5	0.50	N	
84962	Plot 6	0.40	N	
84963	Plot 7	0.35	N	
84964	Plot 8	0.35	N	
84965	Plot 9	0.50	N	
84966	Plot 10	0.60	N	
84967	Plot 11	0.40	N	
84968	Plot 33	0.40	N	
84969	Plot 34	0.60	N	
84970	POS 1	0.60	N	
84971	Plot 15	0.40	N	
84972	Plot 18	0.50	N	
84973	Plot 28	0.40	N	
84974	Plot 37	0.50	N	
84975	Plot 42	0.50	N	
84976	POS 2	0.50	N	

SOILS

Lab Number					84957	84958	84959	84960	84961
Sample ID					Plot 1	Plot 2	Plot 3	Plot 4	Plot 5
Depth (m)					0.35	0.40	0.30	0.40	0.50
Sampling Date					15/01/2026	15/01/2026	15/01/2026	15/01/2026	15/01/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Asbestos									
Asbestos Identification	SUBCON	SU	0	-	NAD	NAD	NAD	NAD	NAD
Soil sample preparation parameters									
Stones Content	CE001	N	0.1	%	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Metals									
Water Soluble Sulphate	CE061	M	0.01	g/l	0.245	0.103	0.065	0.087	0.044
Acid Soluble Sulphate (SO4)	CE062	M	0.01	%	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Arsenic	CE264	U	1.8	mg/kg	9.6	10.7	10.6	11.8	7.5
Cadmium	CE264	M	1.6	mg/kg	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Chromium	CE264	U	2	mg/kg	15.2	18.3	15.5	15.7	10.6
Copper	CE264	U	1.6	mg/kg	29.8	30.0	32.1	32.2	19.3
Lead	CE264	U	2.3	mg/kg	35.8	33.4	36.0	30.0	22.1
Mercury	CE264	U	0.7	mg/kg	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Nickel	CE264	M	2.1	mg/kg	19.3	20.2	19.2	22.5	13.1
Selenium	CE264	U	3	mg/kg	< 3.0	4.9	< 3.0	< 3.0	4.2
Zinc	CE264	M	4	mg/kg	72.1	62.5	63.0	66.7	42.0
Colourimetric									
Total Monohydric Phenols	CE078	N	0.5	mg/kg	0.64	< 0.50	1.14	< 0.50	< 0.50
Total Cyanide	CE077	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Combustion									
Moisture Content	CE001	N	0.1	%	19.0	17.5	19.8	15.5	5.4
Total Organic Carbon	CE197	M	0.1	%	12.5	9.77	8.83	11.8	8.07
Soil Organic Matter	CE192	N	0.1	%	21.6	16.8	15.2	20.4	13.9
Polyaromatic hydrocarbons									
Naphthalene	CE087	M	0.016	mg/kg	0.113	0.033	0.160	0.053	0.049
Acenaphthylene	CE087	M	0.015	mg/kg	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Acenaphthene	CE087	M	0.013	mg/kg	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Fluorene	CE087	U	0.013	mg/kg	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Phenanthrene	CE087	M	0.014	mg/kg	0.629	0.265	0.378	0.301	0.194
Anthracene	CE087	U	0.017	mg/kg	0.030	0.038	0.021	0.018	0.043
Fluoranthene	CE087	M	0.017	mg/kg	0.052	0.159	0.050	0.032	0.249

SOILS

Lab Number					84957	84958	84959	84960	84961
Sample ID					Plot 1	Plot 2	Plot 3	Plot 4	Plot 5
Depth (m)					0.35	0.40	0.30	0.40	0.50
Sampling Date					15/01/2026	15/01/2026	15/01/2026	15/01/2026	15/01/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Pyrene	CE087	M	0.016	mg/kg	0.045	0.141	0.044	0.027	0.217
Benzo(a)anthracene	CE087	U	0.012	mg/kg	0.027	0.074	0.027	0.015	0.122
Chrysene	CE087	M	0.028	mg/kg	< 0.028	0.061	< 0.028	< 0.028	0.108
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	0.020	0.067	0.021	< 0.020	0.146
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	< 0.025	0.027	< 0.025	< 0.025	0.059
Benzo(a)pyrene	CE087	U	0.019	mg/kg	< 0.019	0.057	< 0.019	< 0.019	0.128
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	< 0.019	0.049	< 0.019	< 0.019	0.108
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	< 0.017	< 0.017	< 0.017	< 0.017	0.021
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	0.024	0.038	< 0.019	< 0.019	0.084
Coronene	CE087	N	0.02	mg/kg	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
Total PAH(17)	CE087	N	0.3	mg/kg	0.940	1.01	0.700	0.446	1.53
BTEX									
Benzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
MTBE	CE267	N	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Total BTEX	CE267	N	0.007	mg/kg	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007
m,p-Xylene	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
oXylenes	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Total Petroleum Hydrocarbons									
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C10-C12 Aliphatic (EH_2D_AL)	CE250	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C12-C16 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
>C16-C21 Aliphatic (EH_2D_AL)	CE250	N	0.7	mg/kg	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
>C21-C35 Aliphatic (EH_2D_AL)	CE250	N	4	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
>C35-C40 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
>C5-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

SOILS

Lab Number					84957	84958	84959	84960	84961
Sample ID					Plot 1	Plot 2	Plot 3	Plot 4	Plot 5
Depth (m)					0.35	0.40	0.30	0.40	0.50
Sampling Date					15/01/2026	15/01/2026	15/01/2026	15/01/2026	15/01/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
>C10-C12 Aromatic (EH_2D_AR)	CE250	N	0.6	mg/kg	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
>C12-C16 Aromatic (EH_2D_AR)	CE250	N	1	mg/kg	1.5	1.1	< 1.0	< 1.0	1.4
>C16-C21 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
>C21-C35 Aromatic (EH_2D_AR)	CE250	N	4.5	mg/kg	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5
>C35-C40 Aromatic (EH_2D_AR)	CE250	N	1.5	mg/kg	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
>C10-C40 Soil (EH_1D_Total)	CE033	M	19	mg/kg	75.0	83.0	90.2	112	147
Diesel Range Organics (>C10-C25) (EH_1D_Total)	CE033	M	12	mg/kg	46	32	57	51	49
Mineral Oil (>C10-C40 Total) (EH_CU_1D_Total)	CE162	N	19	mg/kg	54	56	65	60	83
Wet Chem									
pH	CE004	M	0.1	pH units	6.5	7.8	6.3	7.5	10.1

SOILS

Lab Number					84962	84963	84964	84965	84966
Sample ID					Plot 6	Plot 7	Plot 8	Plot 9	Plot 10
Depth (m)					0.40	0.35	0.35	0.50	0.60
Sampling Date					15/01/2026	15/01/2026	15/01/2026	15/01/2026	15/01/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Asbestos									
Asbestos Identification	SUBCON	SU	0	-	NAD	NAD	NAD	NAD	NAD
Soil sample preparation parameters									
Stones Content	CE001	N	0.1	%	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Metals									
Water Soluble Sulphate	CE061	M	0.01	g/l	0.242	0.079	0.087	0.072	0.049
Acid Soluble Sulphate (SO4)	CE062	M	0.01	%	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Arsenic	CE264	U	1.8	mg/kg	6.4	9.1	8.8	8.3	6.5
Cadmium	CE264	M	1.6	mg/kg	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Chromium	CE264	U	2	mg/kg	16.9	12.9	12.4	8.4	9.0
Copper	CE264	U	1.6	mg/kg	23.9	20.1	23.4	21.7	24.9
Lead	CE264	U	2.3	mg/kg	32.7	21.4	19.1	17.4	21.7
Mercury	CE264	U	0.7	mg/kg	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Nickel	CE264	M	2.1	mg/kg	13.3	15.3	16.6	13.6	15.0
Selenium	CE264	U	3	mg/kg	4.2	3.9	< 3.0	5.1	4.4
Zinc	CE264	M	4	mg/kg	54.2	42.4	38.2	42.5	46.8
Colourimetric									
Total Monohydric Phenols	CE078	N	0.5	mg/kg	< 0.50	< 0.50	< 0.50	2.91	< 0.50
Total Cyanide	CE077	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Combustion									
Moisture Content	CE001	N	0.1	%	23.9	12.7	14.3	14.2	13.2
Total Organic Carbon	CE197	M	0.1	%	2.06	10.1	8.48	18.3	18.1
Soil Organic Matter	CE192	N	0.1	%	3.55	17.4	14.6	31.5	31.2
Polyaromatic hydrocarbons									
Naphthalene	CE087	M	0.016	mg/kg	0.048	0.077	0.082	0.356	0.267
Acenaphthylene	CE087	M	0.015	mg/kg	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Acenaphthene	CE087	M	0.013	mg/kg	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Fluorene	CE087	U	0.013	mg/kg	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Phenanthrene	CE087	M	0.014	mg/kg	0.338	0.221	0.233	0.778	0.479
Anthracene	CE087	U	0.017	mg/kg	0.018	< 0.017	< 0.017	0.030	0.019
Fluoranthene	CE087	M	0.017	mg/kg	0.043	0.046	0.059	0.068	0.049

SOILS

Lab Number					84962	84963	84964	84965	84966
Sample ID					Plot 6	Plot 7	Plot 8	Plot 9	Plot 10
Depth (m)					0.40	0.35	0.35	0.50	0.60
Sampling Date					15/01/2026	15/01/2026	15/01/2026	15/01/2026	15/01/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Pyrene	CE087	M	0.016	mg/kg	0.036	0.040	0.052	0.060	0.044
Benzo(a)anthracene	CE087	U	0.012	mg/kg	0.019	0.028	0.025	0.046	0.023
Chrysene	CE087	M	0.028	mg/kg	< 0.028	< 0.028	< 0.028	0.044	0.029
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	< 0.020	0.023	0.032	0.037	< 0.020
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Benzo(a)pyrene	CE087	U	0.019	mg/kg	< 0.019	< 0.019	0.025	0.025	< 0.019
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	< 0.019	< 0.019	0.023	0.023	< 0.019
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	0.019	< 0.019	0.021	0.029	< 0.019
Coronene	CE087	N	0.02	mg/kg	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
Total PAH(17)	CE087	N	0.3	mg/kg	0.521	0.435	0.550	1.50	0.911
BTEX									
Benzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
MTBE	CE267	N	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Total BTEX	CE267	N	0.007	mg/kg	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007
m,p-Xylene	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
oXylenes	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Total Petroleum Hydrocarbons									
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C10-C12 Aliphatic (EH_2D_AL)	CE250	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C12-C16 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
>C16-C21 Aliphatic (EH_2D_AL)	CE250	N	0.7	mg/kg	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
>C21-C35 Aliphatic (EH_2D_AL)	CE250	N	4	mg/kg	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
>C35-C40 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
>C5-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

SOILS

Lab Number					84962	84963	84964	84965	84966
Sample ID					Plot 6	Plot 7	Plot 8	Plot 9	Plot 10
Depth (m)					0.40	0.35	0.35	0.50	0.60
Sampling Date					15/01/2026	15/01/2026	15/01/2026	15/01/2026	15/01/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
>C10-C12 Aromatic (EH_2D_AR)	CE250	N	0.6	mg/kg	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
>C12-C16 Aromatic (EH_2D_AR)	CE250	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	1.9
>C16-C21 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
>C21-C35 Aromatic (EH_2D_AR)	CE250	N	4.5	mg/kg	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5
>C35-C40 Aromatic (EH_2D_AR)	CE250	N	1.5	mg/kg	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
>C10-C40 Soil (EH_1D_Total)	CE033	M	19	mg/kg	61.3	56.3	71.4	134	69.5
Diesel Range Organics (>C10-C25) (EH_1D_Total)	CE033	M	12	mg/kg	30	31	43	87	44
Mineral Oil (>C10-C40 Total) (EH_CU_1D_Total)	CE162	N	19	mg/kg	43	19	53	94	46
Wet Chem									
pH	CE004	M	0.1	pH units	7.2	7.8	7.1	6.6	6.5

SOILS

Lab Number					84967	84968	84969	84970	84971
Sample ID					Plot 11	Plot 33	Plot 34	POS 1	Plot 15
Depth (m)					0.40	0.40	0.60	0.60	0.40
Sampling Date					15/01/2026	15/01/2026	15/01/2026	15/01/2026	15/01/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Asbestos									
Asbestos Identification	SUBCON	SU	0	-	NAD	NAD	NAD	NAD	NAD
Soil sample preparation parameters									
Stones Content	CE001	N	0.1	%	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Metals									
Water Soluble Sulphate	CE061	M	0.01	g/l	0.099	0.054	0.060	0.195	0.202
Acid Soluble Sulphate (SO4)	CE062	M	0.01	%	0.25	0.36	0.37	0.19	0.13
Arsenic	CE264	U	1.8	mg/kg	8.2	10.2	8.3	6.7	6.2
Cadmium	CE264	M	1.6	mg/kg	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Chromium	CE264	U	2	mg/kg	11.4	14.4	14.0	21.3	15.5
Copper	CE264	U	1.6	mg/kg	28.6	28.9	23.9	25.2	21.4
Lead	CE264	U	2.3	mg/kg	21.9	33.8	28.5	21.8	20.9
Mercury	CE264	U	0.7	mg/kg	0.9	< 0.7	< 0.7	< 0.7	1.1
Nickel	CE264	M	2.1	mg/kg	16.1	18.1	15.8	12.8	8.6
Selenium	CE264	U	3	mg/kg	< 3.0	4.0	3.3	< 3.0	< 3.0
Zinc	CE264	M	4	mg/kg	43.7	59.3	53.7	50.1	43.1
Colourimetric									
Total Monohydric Phenols	CE078	N	0.5	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total Cyanide	CE077	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Combustion									
Moisture Content	CE001	N	0.1	%	13.8	20.8	20.3	12.4	11.9
Total Organic Carbon	CE197	M	0.1	%	15.0	12.7	9.00	1.76	1.74
Soil Organic Matter	CE192	N	0.1	%	25.8	21.8	15.5	3.03	3.00
Polyaromatic hydrocarbons									
Naphthalene	CE087	M	0.016	mg/kg	0.275	0.082	0.075	0.042	0.066
Acenaphthylene	CE087	M	0.015	mg/kg	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Acenaphthene	CE087	M	0.013	mg/kg	< 0.013	< 0.013	< 0.013	0.022	0.149
Fluorene	CE087	U	0.013	mg/kg	< 0.013	< 0.013	< 0.013	0.022	0.095
Phenanthrene	CE087	M	0.014	mg/kg	0.733	0.430	0.302	0.320	1.41
Anthracene	CE087	U	0.017	mg/kg	0.033	0.027	0.022	0.082	0.844
Fluoranthene	CE087	M	0.017	mg/kg	0.082	0.068	0.076	0.670	5.21

SOILS

Lab Number					84967	84968	84969	84970	84971
Sample ID					Plot 11	Plot 33	Plot 34	POS 1	Plot 15
Depth (m)					0.40	0.40	0.60	0.60	0.40
Sampling Date					15/01/2026	15/01/2026	15/01/2026	15/01/2026	15/01/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Pyrene	CE087	M	0.016	mg/kg	0.069	0.057	0.062	0.638	4.16
Benzo(a)anthracene	CE087	U	0.012	mg/kg	0.041	0.030	0.038	0.364	1.60
Chrysene	CE087	M	0.028	mg/kg	0.043	0.028	0.036	0.302	1.35
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	0.032	0.028	0.034	0.449	1.67
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	< 0.025	< 0.025	< 0.025	0.184	0.680
Benzo(a)pyrene	CE087	U	0.019	mg/kg	< 0.019	0.019	0.026	0.436	1.54
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	< 0.019	< 0.019	0.024	0.344	1.24
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	< 0.017	< 0.017	< 0.017	0.064	0.214
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	0.024	0.020	0.021	0.245	0.932
Coronene	CE087	N	0.02	mg/kg	< 0.020	< 0.020	< 0.020	0.044	0.188
Total PAH(17)	CE087	N	0.3	mg/kg	1.33	0.791	0.716	4.23	21.3
BTEX									
Benzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
MTBE	CE267	N	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Total BTEX	CE267	N	0.007	mg/kg	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007
m,p-Xylene	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
oXylenes	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Total Petroleum Hydrocarbons									
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C10-C12 Aliphatic (EH_2D_AL)	CE250	N	1	mg/kg	< 1.0	1.8	< 1.0	1.0	< 1.0
>C12-C16 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	< 0.5	2.2	< 0.5	1.5	< 0.5
>C16-C21 Aliphatic (EH_2D_AL)	CE250	N	0.7	mg/kg	< 0.7	0.9	< 0.7	0.9	< 0.7
>C21-C35 Aliphatic (EH_2D_AL)	CE250	N	4	mg/kg	< 4.0	< 4.0	< 4.0	13.0	< 4.0
>C35-C40 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	< 0.5	< 0.5	< 0.5	2.9	0.9
>C5-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

SOILS

Lab Number					84967	84968	84969	84970	84971
Sample ID					Plot 11	Plot 33	Plot 34	POS 1	Plot 15
Depth (m)					0.40	0.40	0.60	0.60	0.40
Sampling Date					15/01/2026	15/01/2026	15/01/2026	15/01/2026	15/01/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
>C10-C12 Aromatic (EH_2D_AR)	CE250	N	0.6	mg/kg	< 0.6	1.0	< 0.6	1.9	1.1
>C12-C16 Aromatic (EH_2D_AR)	CE250	N	1	mg/kg	1.7	3.1	< 1.0	6.1	3.1
>C16-C21 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	< 2.0	< 2.0	< 2.0	2.8	< 2.0
>C21-C35 Aromatic (EH_2D_AR)	CE250	N	4.5	mg/kg	< 4.5	5.4	< 4.5	20.2	9.4
>C35-C40 Aromatic (EH_2D_AR)	CE250	N	1.5	mg/kg	< 1.5	< 1.5	< 1.5	3.6	< 1.5
>C10-C40 Soil (EH_1D_Total)	CE033	M	19	mg/kg	107	53.8	70.9	176	115
Diesel Range Organics (>C10-C25) (EH_1D_Total)	CE033	M	12	mg/kg	52	30	43	52	31
Mineral Oil (>C10-C40 Total) (EH_CU_1D_Total)	CE162	N	19	mg/kg	67	43	39	90	99
Wet Chem									
pH	CE004	M	0.1	pH units	6.4	6.8	6.9	10.5	9.9

SOILS

Lab Number					84972	84973	84974	84975	84976
Sample ID					Plot 18	Plot 28	Plot 37	Plot 42	POS 2
Depth (m)					0.50	0.40	0.50	0.50	0.50
Sampling Date					15/01/2026	15/01/2026	15/01/2026	15/01/2026	15/01/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Asbestos									
Asbestos Identification	SUBCON	SU	0	-	NAD	NAD	NAD	NAD	NAD
Soil sample preparation parameters									
Stones Content	CE001	N	0.1	%	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Metals									
Water Soluble Sulphate	CE061	M	0.01	g/l	0.388	0.057	0.264	0.285	0.039
Acid Soluble Sulphate (SO4)	CE062	M	0.01	%	0.16	0.05	0.15	0.18	0.05
Arsenic	CE264	U	1.8	mg/kg	6.6	8.2	5.1	6.6	8.9
Cadmium	CE264	M	1.6	mg/kg	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Chromium	CE264	U	2	mg/kg	12.5	14.1	16.3	19.9	15.2
Copper	CE264	U	1.6	mg/kg	19.8	12.3	21.7	20.7	11.3
Lead	CE264	U	2.3	mg/kg	23.1	42.0	20.4	20.2	49.8
Mercury	CE264	U	0.7	mg/kg	< 0.7	0.8	< 0.7	< 0.7	< 0.7
Nickel	CE264	M	2.1	mg/kg	9.2	8.3	5.8	7.3	9.1
Selenium	CE264	U	3	mg/kg	< 3.0	< 3.0	< 3.0	3.6	< 3.0
Zinc	CE264	M	4	mg/kg	40.6	70.0	45.3	49.1	75.4
Colourimetric									
Total Monohydric Phenols	CE078	N	0.5	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total Cyanide	CE077	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Combustion									
Moisture Content	CE001	N	0.1	%	11.5	17.4	12.6	13.0	21.8
Total Organic Carbon	CE197	M	0.1	%	1.71	1.58	2.34	1.63	1.88
Soil Organic Matter	CE192	N	0.1	%	2.95	2.72	4.03	2.81	3.24
Polyaromatic hydrocarbons									
Naphthalene	CE087	M	0.016	mg/kg	0.050	< 0.016	0.057	0.109	< 0.016
Acenaphthylene	CE087	M	0.015	mg/kg	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Acenaphthene	CE087	M	0.013	mg/kg	< 0.013	< 0.013	0.023	0.051	< 0.013
Fluorene	CE087	U	0.013	mg/kg	0.013	< 0.013	0.029	0.048	< 0.013
Phenanthrene	CE087	M	0.014	mg/kg	0.148	0.029	0.362	1.02	0.020
Anthracene	CE087	U	0.017	mg/kg	0.038	< 0.017	0.091	0.221	< 0.017
Fluoranthene	CE087	M	0.017	mg/kg	0.180	0.055	0.483	0.653	0.036

SOILS

Lab Number					84972	84973	84974	84975	84976
Sample ID					Plot 18	Plot 28	Plot 37	Plot 42	POS 2
Depth (m)					0.50	0.40	0.50	0.50	0.50
Sampling Date					15/01/2026	15/01/2026	15/01/2026	15/01/2026	15/01/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
Pyrene	CE087	M	0.016	mg/kg	0.161	0.052	0.432	0.553	0.034
Benzo(a)anthracene	CE087	U	0.012	mg/kg	0.091	0.026	0.204	0.352	0.020
Chrysene	CE087	M	0.028	mg/kg	0.079	0.030	0.175	0.263	< 0.028
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	0.111	0.039	0.268	0.371	0.034
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	0.045	< 0.025	0.103	0.150	< 0.025
Benzo(a)pyrene	CE087	U	0.019	mg/kg	0.099	0.032	0.247	0.353	0.025
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	0.084	0.032	0.219	0.278	0.025
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	< 0.017	< 0.017	0.039	0.056	< 0.017
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	0.063	0.023	0.168	0.220	0.020
Coronene	CE087	N	0.02	mg/kg	< 0.020	< 0.020	< 0.020	0.044	< 0.020
Total PAH(17)	CE087	N	0.3	mg/kg	1.16	0.318	2.90	4.74	< 0.300
BTEX									
Benzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	CE267	U	0.001	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
MTBE	CE267	N	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Total BTEX	CE267	N	0.007	mg/kg	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007
m,p-Xylene	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
oXylenes	CE267	U	0.002	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Total Petroleum Hydrocarbons									
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C10-C12 Aliphatic (EH_2D_AL)	CE250	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C12-C16 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	0.8	< 0.5	< 0.5	< 0.5	< 0.5
>C16-C21 Aliphatic (EH_2D_AL)	CE250	N	0.7	mg/kg	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
>C21-C35 Aliphatic (EH_2D_AL)	CE250	N	4	mg/kg	8.3	< 4.0	5.9	< 4.0	< 4.0
>C35-C40 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	1.1	< 0.5	2.1	1.0	< 0.5
>C5-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

SOILS

Lab Number					84972	84973	84974	84975	84976
Sample ID					Plot 18	Plot 28	Plot 37	Plot 42	POS 2
Depth (m)					0.50	0.40	0.50	0.50	0.50
Sampling Date					15/01/2026	15/01/2026	15/01/2026	15/01/2026	15/01/2026
Test	**Method**	**Accred**	**LoD**	**Units**					
>C10-C12 Aromatic (EH_2D_AR)	CE250	N	0.6	mg/kg	1.7	< 0.6	0.8	< 0.6	< 0.6
>C12-C16 Aromatic (EH_2D_AR)	CE250	N	1	mg/kg	5.1	< 1.0	2.2	1.9	< 1.0
>C16-C21 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	4.2	< 2.0	< 2.0	< 2.0	< 2.0
>C21-C35 Aromatic (EH_2D_AR)	CE250	N	4.5	mg/kg	18.3	< 4.5	10.1	5.7	< 4.5
>C35-C40 Aromatic (EH_2D_AR)	CE250	N	1.5	mg/kg	2.5	< 1.5	3.4	2.7	< 1.5
>C10-C40 Soil (EH_1D_Total)	CE033	M	19	mg/kg	140	63.8	149	172	< 19.0
Diesel Range Organics (>C10-C25) (EH_1D_Total)	CE033	M	12	mg/kg	29	< 12	37	40	< 12
Mineral Oil (>C10-C40 Total) (EH_CU_1D_Total)	CE162	N	19	mg/kg	137	57	143	123	< 19
Wet Chem									
pH	CE004	M	0.1	pH units	10.5	8.5	10.5	10.4	8.3

METHOD DETAILS

METHOD	TESTNAME	METHOD SUMMARY	ANALYSIS BASIS
CE267	VPH in Soil	HS-GCFID	As submitted sample
CE250	GCXGC in Soil	DCM Extraction and GCxGC-FID	As submitted sample
SUBCON	Asbestos Soil	HSG248	Air Dried Sample
CE061	W. Sol Metals	ICPOES	Air dried sample
CE033	EPH in Soil	Acetone:Hexane Extraction and GCFID	As submitted sample
CE062	Acid Soluble Sulphate in Soils	HCl Extract and ICPOES	Air dried sample
CE264	Metals by ICP in Soil	ICPOES	Air dried sample
CE267	BTEX in Soils	Analysis by HSGCFID	As submitted sample
CE087	PAH in Soil	DCM Extraction and GCMS	As submitted sample
CE078	Phenols in Soil	Continuous Flow Analyser	As submitted sample
CE077	Cyanides in Soils	Continuous Flow Analyser	As submitted sample
CE197	Primacs in Soil	Primacs	Air dried sample
CE162	Mineral Oil in Soil	Acetone:Hexane extract, Floriil clean up and GCFID	As submitted sample

REPORT INFORMATION

Report No.:26-00589, issue number 1

Key	
U	ISO17025 Accredited Result
M	ISO17025 and MCERTS Accredited Result
N	Do not currently hold accreditation
^	MCERTS accreditation not applicable for sample matrix
*	ISO17025 accreditation not applicable for sample matrix
S	Subcontracted
I/S	Insufficient Sample
U/S	Unsuitable sample
N/T	Not tested
<	Means "less than"
>	Means "greater than"

LOD refers to limit of detection, except in the case of pH soils and pH waters where it means limit of discrimination.

This report shall not be reproduced except in full, without prior written approval.

Opinions and interpretations expressed herein are outside the UKAS accreditation scope.

All testing carried out at Unit 6 Parkhead, Stanley, DH9 7YB, except for subcontracted testing.

The results relate only to the sample received.

Unless otherwise stated, sample information has been provided by the client. This may affect the validity of the results.

Moisture Content Calculated on a Wet Weight basis (at 30°C)

Unless otherwise stated, Chemtech Environmental Ltd was not responsible for sampling.

Where sampling was undertaken by Chemtech Environmental Limited it is outside the UKAS accreditation scope.

Methods, procedures and performance data are available on request.

Results reported herein relate only to the material supplied to the laboratory.

BTEX compounds are identified by retention time only and may include interference from co-eluting compounds.

For soils and solids, all results are reported on a dry basis (30°C). Samples dried at no more than 30°C in a drying cabinet.

For soils and solids, analytical results are inclusive of stones and 'inert' material, where applicable.

'Client Reference', 'Sample ID', 'Sample Location', 'Sample Type', 'Depth', 'Sample Date' and 'Sample Time' information is provided by the customer

Sample Retention and Disposal

All soil samples will be retained for a period of 4 weeks from the point of receipt

All water samples will be retained for a period of 2 weeks from the point of Reporting

Charges may apply to extended sample storage

TPH Classification - HWOL Acronym System

HS	Headspace analysis
EH	Extractable Hydrocarbons - i.e. everything extracted by the solvent
CU	Clean-up - e.g. by florisil, silica gel
1D	GC - Single coil gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
2D	GC-GC - Double coil gas chromatography
#1	EH_Total but with humics mathematically subtracted
#2	EH_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total
MS	Mass Spectrometry

Unless specifically identified (noted as "(B)" in analyte name) all internal analysis performed at Durham site

Vat Reg No. 772 5703 18 Registered in England number 4284013

APPENDIX D – SUMM RY OF CHEMICAL 2025 TEST DATA

Job No.: 3224															
Site: Wynnstay Verification Works															
Residential with Home Grown Produce (1% SOM)															
GroundSolve Ltd		Sample Location			TS - Plot 34	TS - Plot 39	TS - Plot 15	TS - Plot 24	TS - Plot 42	TS - Plot 18	Total Count	Adopted Guidline (mg/kg)	Source	Exceedances
		Sample Depth (m)			0.15	0.15	0.15	0.15	0.15	0.15				
		Sampling Date			08-Sep-2025	08-Sep-2025	08-Sep-2025	08-Sep-2025	08-Sep-2025	08-Sep-2025				
Metals														
Arsenic	METALS	M	mg/kg	1	4.2	2.2	5.6	6.8	6.5	6.2	28	37.0	C4SL	0
Cadmium	METALS	M	mg/kg	0.5	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	28	22	S4UL	0
Chromium	METALS	M	mg/kg	5	6.8	4.1	9.8	10	11	10	28	910.0	S4UL	0
Copper	METALS	M	mg/kg	5	4.5	3.8	7.9	8.4	7.1	7.1	28	2400.0	C4SL	0
Lead	METALS	M	mg/kg	5	29	19	41	49	44	42	28	200.0	S4UL	0
Mercury	METALS	M	mg/kg	0.5	< 0.05	< 0.05	< 0.05	0.05	< 0.05	< 0.05	28	40.0	C4SL	0
Nickel	METALS	M	mg/kg	5	5.8	3.1	8.4	9.1	9.5	8.9	28	130.0	S4UL	0
Selenium	METALS	M	mg/kg	1	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	28	250.0	C4SL	0
Zinc	METALS	M	mg/kg	5	45	29	62	86	68	71	28	3700.0	S4UL	0
PAHs														
Naphthalene	PAH	N	mg/kg	0.5	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	28	2.300	S4UL	0
Acenaphthylene	PAH	N	mg/kg	0.5	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	28	170	S4UL	0
Acenaphthene	PAH	N	mg/kg	0.5	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	28	210	S4UL	0
Fluorene	PAH	N	mg/kg	0.5	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	28	170	S4UL	0
Phenanthrene	PAH	N	mg/kg	0.5	< 0.10	< 0.10	< 0.10	0.24	< 0.10	< 0.10	28	95	S4UL	0
Anthracene	PAH	N	mg/kg	0.5	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	28	2400	S4UL	0
Fluoranthene	PAH	N	mg/kg	0.5	< 0.10	< 0.10	< 0.10	0.30	< 0.10	< 0.10	28	280	S4UL	0
Pyrene	PAH	N	mg/kg	0.5	< 0.10	< 0.10	< 0.10	0.32	< 0.10	< 0.10	28	320	S4UL	0
Benzo(a)anthracene	PAH	N	mg/kg	0.5	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	28	7.2	S4UL	0
Chrysene	PAH	N	mg/kg	0.5	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	28	15	S4UL	0
Benzo(b)fluoranthene	PAH	N	mg/kg	0.5	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	28	2.6	S4UL	0
Benzo(k)fluoranthene	PAH	N	mg/kg	0.5	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	28	77	S4UL	0
Benzo(a)pyrene	PAH	N	mg/kg	0.5	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	28	5	C4SL	0
Indeno(1,2,3-cd)pyrene	PAH	N	mg/kg	0.5	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	28	27	S4UL	0
Dibenzo(a,h)anthracene	PAH	N	mg/kg	0.5	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	28	0.24	S4UL	0
Benzo[g,h,i]perylene	PAH	N	mg/kg	0.5	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	28	320	S4UL	0
BTEX														
Benzene	BTEX	M	ug/kg	10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	28	0.87	C4SL	0
Toluene	BTEX	M	ug/kg	10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	28	130	S4UL	0
Ethylbenzene	BTEX	M	ug/kg	10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	28	47	S4UL	0
Xylenes	BTEX	M	ug/kg	10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	28	-	S4UL	0
TPH CWG														
>C5-C6 Aliphatic	TPHCWG	N	mg/kg	0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	28	42	S4UL	0
>C6-C8 Aliphatic	TPHCWG	N	mg/kg	0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	28	100	S4UL	0
>C8-C10 Aliphatic	TPHCWG	N	mg/kg	1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	28	27	S4UL	0
>C10-C12 Aliphatic	TPHCWG	N	mg/kg	1	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	28	130	S4UL	0
>C12-C16 Aliphatic	TPHCWG	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3.3	28	1100	S4UL	0
>C16-C21 Aliphatic	TPHCWG	N	mg/kg	1	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	28	65000	S4UL	0
>C21-C35 Aliphatic	TPHCWG	N	mg/kg	1	3.5	7.4	13	9.2	11	7.4	28	65000	S4UL	0
>C35-C40 Aliphatic	TPHCWG	N	mg/kg	1	< 10	< 10	< 10	< 10	< 10	< 10	28	65000	S4UL	0
>C5-C7 Aromatic	TPHCWG	N	mg/kg	0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	28	70	S4UL	0
>C7-C8 Aromatic	TPHCWG	N	mg/kg	0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	28	130	S4UL	0
>C8-C10 Aromatic	TPHCWG	N	mg/kg	1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	28	34	S4UL	0
>C10-C12 Aromatic	TPHCWG	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	28	74	S4UL	0
>C12-C16 Aromatic	TPHCWG	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	28	140	S4UL	0
>C16-C21 Aromatic	TPHCWG	N	mg/kg	1	4.8	4.3	2.8	4.3	< 2.0	< 2.0	28	260	S4UL	0
>C21-C35 Aromatic	TPHCWG	N	mg/kg	1	< 2.0	< 2.0	3.1	< 2.0	< 2.0	< 2.0	28	1100	S4UL	0
>C35-C40 Aromatic	TPHCWG	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.1	28	1100	S4UL	0
Asbestos	NA	NA	NA	NA	NAD	NAD	NAD	NAD	NAD	NAD	-	-	-	-

Job No.: 3224															
Site: Wynnstay Verification Works															
Residential with Home Grown Produce (1% SOM)															
GroundSolve Ltd		Sample Location			Plot 7	Plot 5	Plot 3	SP10	*SP401 (A)*	*SP401 (B)*	*SP401 (C)*	Total Count	Adopted Guidline (mg/kg)	Source	Exceedances
		Sample Depth (m)			0.00 - 0.20	0.00 - 0.30	0.00 - 0.40	0.00 - 0.05	*0.10*	*0.10*	*0.10*				
		Sampling Date			06/12/2024	06/12/2024	06/12/2024	17/02/2025	*21-May-2025*	*21-May-2025*	*21-May-2025*				
Metals															
Arsenic	METALS	M	mg/kg	1	29.7	17.3	9.3	8.4	8.6	9.4	6.6	28	37.0	C4SL	0
Cadmium	METALS	M	mg/kg	0.5	2.4	< 1.6	< 1.6	< 1.6	0.32	0.43	0.20	28	22	S4UL	0
Chromium	METALS	M	mg/kg	5	38.7	20.8	18.8	26.4	18	26	13	28	910.0	S4UL	0
Copper	METALS	M	mg/kg	5	92.3	55.5	31.3	31.3	22	120	17	28	2400.0	C4SL	0
Lead	METALS	M	mg/kg	5	150.0	37.9	46.6	99.3	110	120	87	28	200.0	S4UL	0
Mercury	METALS	M	mg/kg	0.5	3.5	< 0.7	< 0.7	< 0.7	0.11	0.12	0.07	28	40.0	C4SL	0
Nickel	METALS	M	mg/kg	5	39.4	34.6	25.9	19.4	17	21	12	28	130.0	S4UL	0
Selenium	METALS	M	mg/kg	1	< 3.0	< 3.0	< 3.0	< 3.0	0.38	0.41	< 0.25	28	250.0	C4SL	0
Zinc	METALS	M	mg/kg	5	104.0	62.7	51.3	107.0	97	190	70	28	3700.0	S4UL	0
PAHs															
Naphthalene	PAH	N	mg/kg	0.5	0.052	0.020	0.027	< 0.016	< 0.10	< 0.10	< 0.10	28	2.300	S4UL	0
Acenaphthylene	PAH	N	mg/kg	0.5	< 0.015	< 0.015	< 0.015	< 0.015	< 0.10	< 0.10	< 0.10	28	170	S4UL	0
Acenaphthene	PAH	N	mg/kg	0.5	< 0.013	< 0.013	< 0.013	< 0.013	< 0.10	< 0.10	< 0.10	28	210	S4UL	0
Fluorene	PAH	N	mg/kg	0.5	< 0.013	< 0.013	< 0.013	< 0.013	< 0.10	< 0.10	< 0.10	28	170	S4UL	0
Phenanthrene	PAH	N	mg/kg	0.5	0.188	0.060	0.088	0.031	0.35	0.22	0.20	28	95	S4UL	0
Anthracene	PAH	N	mg/kg	0.5	0.053	< 0.017	< 0.017	< 0.017	< 0.10	< 0.10	< 0.10	28	2400	S4UL	0
Fluoranthene	PAH	N	mg/kg	0.5	0.527	0.068	0.064	0.080	0.93	0.37	0.43	28	280	S4UL	0
Pyrene	PAH	N	mg/kg	0.5	0.404	0.057	0.053	0.077	0.78	0.36	0.43	28	320	S4UL	0
Benzo(a)anthracene	PAH	N	mg/kg	0.5	0.223	0.049	0.042	0.070	0.43	0.19	0.21	28	7.2	S4UL	0
Chrysene	PAH	N	mg/kg	0.5	0.205	0.044	0.035	0.043	0.42	0.18	0.23	28	15	S4UL	0
Benzo(b)fluoranthene	PAH	N	mg/kg	0.5	0.177	0.046	0.035	0.057	0.49	0.29	0.34	28	2.6	S4UL	0
Benzo(k)fluoranthene	PAH	N	mg/kg	0.5	0.070	< 0.025	< 0.025	0.025	0.18	0.14	0.12	28	77	S4UL	0
Benzo(a)pyrene	PAH	N	mg/kg	0.5	0.148	0.035	0.023	0.050	0.40	0.20	0.25	28	5	C4SL	0
Indeno(1,2,3-cd)pyrene	PAH	N	mg/kg	0.5	0.097	0.040	0.023	0.032	0.27	0.17	0.18	28	27	S4UL	0
Dibenzo(a,h)anthracene	PAH	N	mg/kg	0.5	0.021	< 0.017	< 0.017	< 0.017	< 0.10	< 0.10	< 0.10	28	0.24	S4UL	0
Benzo[g,h,i]perylene	PAH	N	mg/kg	0.5	0.086	0.036	0.021	0.033	0.34	0.18	0.21	28	320	S4UL	0
BTEX															
Benzene	BTEX	M	ug/kg	10	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 1.0	< 1.0	< 1.0	28	0.87	C4SL	0
Toluene	BTEX	M	ug/kg	10	< 0.001	< 0.001	< 0.001	< 0.001	2.0	< 1.0	< 1.0	28	130	S4UL	0
Ethylbenzene	BTEX	M	ug/kg	10	< 0.001	< 0.001	< 0.001	< 0.001	< 1.0	< 1.0	< 1.0	28	47	S4UL	0
Xylenes	BTEX	M	ug/kg	10	< 0.002	< 0.002	< 0.002	< 0.002	< 1.0	< 1.0	< 1.0	28	-	S4UL	0
TPH CWG															
>C5-C6 Aliphatic	TPHCWG	N	mg/kg	0.01	< 0.10	< 0.10	< 0.10	< 0.10	< 0.05	< 0.05	< 0.05	28	42	S4UL	0
>C6-C8 Aliphatic	TPHCWG	N	mg/kg	0.01	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	28	100	S4UL	0
>C8-C10 Aliphatic	TPHCWG	N	mg/kg	1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.05	< 0.05	< 0.05	28	27	S4UL	0
>C10-C12 Aliphatic	TPHCWG	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	28	130	S4UL	0
>C12-C16 Aliphatic	TPHCWG	N	mg/kg	1	< 0.5	< 0.5	< 0.5	2.4	< 1.0	< 1.0	< 1.0	28	1100	S4UL	0
>C16-C21 Aliphatic	TPHCWG	N	mg/kg	1	< 0.7	< 0.7	< 0.7	1.4	5.7	5.5	< 2.0	28	65000	S4UL	0
>C21-C35 Aliphatic	TPHCWG	N	mg/kg	1	< 4.0	< 4.0	< 4.0	6.0	18	17	11	28	65000	S4UL	0
>C35-C40 Aliphatic	TPHCWG	N	mg/kg	1	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 10	< 10	28	65000	S4UL	0
>C5-C7 Aromatic	TPHCWG	N	mg/kg	0.01	< 0.010	< 0.010	< 0.010	< 0.010	< 0.05	< 0.05	< 0.05	28	70	S4UL	0
>C7-C8 Aromatic	TPHCWG	N	mg/kg	0.01	< 0.010	< 0.010	< 0.010	< 0.010	< 0.05	< 0.05	< 0.05	28	130	S4UL	0
>C8-C10 Aromatic	TPHCWG	N	mg/kg	1	< 0.010	< 0.010	< 0.010	< 0.010	< 0.05	< 0.05	< 0.05	28	34	S4UL	0
>C10-C12 Aromatic	TPHCWG	N	mg/kg	1	0.7	< 0.6	1.0	3.0	< 1.0	< 1.0	< 1.0	28	74	S4UL	0
>C12-C16 Aromatic	TPHCWG	N	mg/kg	1	1.4	< 1.0	2.2	6.2	< 1.0	< 1.0	< 1.0	28	140	S4UL	0
>C16-C21 Aromatic	TPHCWG	N	mg/kg	1	< 2.0	< 2.0	< 2.0	2.6	11	8.9	6.4	28	260	S4UL	0
>C21-C35 Aromatic	TPHCWG	N	mg/kg	1	< 4.5	< 4.5	< 4.5	19.2	41	32	19	28	1100	S4UL	0
>C35-C40 Aromatic	TPHCWG	N	mg/kg	1	< 1.5	< 1.5	< 1.5	1.8	7.2	6.0	2.8	28	1100	S4UL	0
Asbestos	NA	NA	NA	NA	NAD	NAD	NAD	NAD	NAD	NAD	NAD	-	-	-	-

Job No.: 3224																		
Site: Wynnstay Verification Works																		
Residential with Home Grown Produce (1% SOM)																		
GroundSolve Ltd		Sample Location			SP1 ES1	SP1 ES2	SP1 ES3	SP2 ES1	SP3 ES1	SP4 ES1	SP5 ES1	SP5 ES2	SP6 ES1	Total Count	Adopted Guidline (mg/kg)	Source	Exceedances
		Sample Depth (m)															
		Sampling Date			15/03/2024	15/03/2024	15/03/2024	15/03/2024	15/03/2024	15/03/2024	15/03/2024	15/03/2024	15/03/2024				
Metals																		
Arsenic	METALS	M	mg/kg	1	25.4	21.4	25.5	11.9	10.9	15.8	16.9	10.9	14.1	28	37.0	C4SL	0
Cadmium	METALS	M	mg/kg	0.5	1.6	1.4	1.6	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	28	22	S4UL	0
Chromium	METALS	M	mg/kg	5	23	19.3	23.5	17.6	15.7	13.8	13.2	14.7	15.1	28	910.0	S4UL	0
Copper	METALS	M	mg/kg	5	43.9	37.3	44.2	30.8	32.2	45.2	54.7	31.3	40.4	28	2400.0	C4SL	0
Lead	METALS	M	mg/kg	5	65.6	58.4	71	97.2	84.1	45.3	45.4	66.1	66.1	28	200.0	S4UL	0
Mercury	METALS	M	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	28	40.0	C4SL	0
Nickel	METALS	M	mg/kg	5	39.2	34.2	42	17.9	18.7	32.6	46.3	24.1	25.5	28	130.0	S4UL	0
Selenium	METALS	M	mg/kg	1	1.2	1.1	1.1	< 1.0	< 1.0	1	1.3	< 1.0	< 1.0	28	250.0	C4SL	0
Zinc	METALS	M	mg/kg	5	168	148	176	87.3	82.3	62.5	77.1	72.5	76.3	28	3700.0	S4UL	0
PAHs																	
Naphthalene	PAH	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	28	2.300	S4UL	0
Acenaphthylene	PAH	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	28	170	S4UL	0
Acenaphthene	PAH	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	28	210	S4UL	0
Fluorene	PAH	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	28	170	S4UL	0
Phenanthrene	PAH	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	2.4	2.5	< 0.5	< 0.5	5.2	< 0.5	28	95	S4UL	0
Anthracene	PAH	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	1.2	1.3	< 0.5	< 0.5	< 0.5	< 0.5	28	2400	S4UL	0
Fluoranthene	PAH	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	0.7	< 0.5	0.7	< 0.5	< 0.5	< 0.5	28	280	S4UL	0
Pyrene	PAH	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.6	< 0.5	< 0.5	< 0.5	28	320	S4UL	0
Benzo(a)anthracene	PAH	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	28	7.2	S4UL	0
Chrysene	PAH	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	28	15	S4UL	0
Benzo(b)fluoranthene	PAH	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.5	< 0.5	< 0.5	< 0.5	28	2.6	S4UL	0
Benzo(k)fluoranthene	PAH	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	28	77	S4UL	0
Benzo(a)pyrene	PAH	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	28	5	C4SL	0
Indeno(1,2,3-cd)pyrene	PAH	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	28	27	S4UL	0
Dibenzo(a,h)anthracene	PAH	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	28	0.24	S4UL	0
Benzo[g,h,i]perylene	PAH	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	28	320	S4UL	0
BTEX																	
Benzene	BTEX	M	ug/kg	10	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	28	0.87	C4SL	0
Toluene	BTEX	M	ug/kg	10	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	28	130	S4UL	0
Ethylbenzene	BTEX	M	ug/kg	10	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	28	47	S4UL	0
Xylenes	BTEX	M	ug/kg	10	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	28	-	S4UL	0
TPH CWG																	
>C5-C6 Aliphatic	TPHCWG	N	mg/kg	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	28	42	S4UL	0
>C6-C8 Aliphatic	TPHCWG	N	mg/kg	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	28	100	S4UL	0
>C8-C10 Aliphatic	TPHCWG	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	28	27	S4UL	0
>C10-C12 Aliphatic	TPHCWG	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	28	130	S4UL	0
>C12-C16 Aliphatic	TPHCWG	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	28	1100	S4UL	0
>C16-C21 Aliphatic	TPHCWG	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	28	65000	S4UL	0
>C21-C35 Aliphatic	TPHCWG	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	7.4	< 1.0	< 1.0	2.7	28	65000	S4UL	0
>C35-C40 Aliphatic	TPHCWG	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	28	65000	S4UL	0
>C5-C7 Aromatic	TPHCWG	N	mg/kg	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	28	70	S4UL	0
>C7-C8 Aromatic	TPHCWG	N	mg/kg	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	28	130	S4UL	0
>C8-C10 Aromatic	TPHCWG	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	28	34	S4UL	0
>C10-C12 Aromatic	TPHCWG	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	28	74	S4UL	0
>C12-C16 Aromatic	TPHCWG	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	28	140	S4UL	0
>C16-C21 Aromatic	TPHCWG	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	28	260	S4UL	0
>C21-C35 Aromatic	TPHCWG	N	mg/kg	1	< 1.0	< 1.0	1.3	< 1.0	< 1.0	6.4	< 1.0	< 1.0	2	28	1100	S4UL	0
>C35-C40 Aromatic	TPHCWG	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.3	< 1.0	< 1.0	< 1.0	28	1100	S4UL	0
Asbestos	NA	NA	NA	NA	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	-	-	-	-

Job No.: 3224														
Site: Wynnstay Verification Works														
Residential with Home Grown Produce (1% SOM)														
GroundSolve Ltd			Sample Location		J1	J2	J3	J4	J5	J6	Total Count	Adopted Guidline (mg/kg)	Source	Exceedances
			Sample Depth (m)		0.10	0.10	0.10	0.10	0.10	0.10				
			Sampling Date		21/09/2024	21/09/2024	21/09/2024	21/09/2024	21/09/2024	21/09/2024				
Metals														
Arsenic	METALS	M	mg/kg	1	14.9	12.4	23.8	12.7	12.3	11.1	28	37.0	C4SL	0
Cadmium	METALS	M	mg/kg	0.5	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	28	22	S4UL	0
Chromium	METALS	M	mg/kg	5	19.5	15.1	20.3	17.0	15.2	14.6	28	910.0	S4UL	0
Copper	METALS	M	mg/kg	5	23.4	23.5	22.0	29.5	21.4	38.4	28	2400.0	C4SL	0
Lead	METALS	M	mg/kg	5	28.4	21.7	31.2	28.0	22.5	23.3	28	200.0	S4UL	0
Mercury	METALS	M	mg/kg	0.5	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	28	40.0	C4SL	0
Nickel	METALS	M	mg/kg	5	29.7	30.4	46.5	35.0	30.8	34.0	28	130.0	S4UL	0
Selenium	METALS	M	mg/kg	1	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	28	250.0	C4SL	0
Zinc	METALS	M	mg/kg	5	53.5	39.1	58.4	44.6	47.4	47.6	28	3700.0	S4UL	0
PAHs														
Naphthalene	PAH	N	mg/kg	0.5	0.020	< 0.016	< 0.016	0.021	0.027	0.036	28	2.300	S4UL	0
Acenaphthylene	PAH	N	mg/kg	0.5	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	28	170	S4UL	0
Acenaphthene	PAH	N	mg/kg	0.5	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	28	210	S4UL	0
Fluorene	PAH	N	mg/kg	0.5	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	28	170	S4UL	0
Phenanthrene	PAH	N	mg/kg	0.5	0.132	0.017	< 0.014	0.084	0.076	0.130	28	95	S4UL	0
Anthracene	PAH	N	mg/kg	0.5	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	0.021	28	2400	S4UL	0
Fluoranthene	PAH	N	mg/kg	0.5	< 0.017	< 0.017	< 0.017	0.028	0.021	0.053	28	280	S4UL	0
Pyrene	PAH	N	mg/kg	0.5	< 0.016	< 0.016	< 0.016	0.023	0.017	0.046	28	320	S4UL	0
Benzo(a)anthracene	PAH	N	mg/kg	0.5	< 0.012	< 0.012	< 0.012	0.018	0.015	0.027	28	7.2	S4UL	0
Chrysene	PAH	N	mg/kg	0.5	< 0.028	< 0.028	< 0.028	< 0.028	< 0.028	< 0.028	28	15	S4UL	0
Benzo(b)fluoranthene	PAH	N	mg/kg	0.5	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	28	2.6	S4UL	0
Benzo(k)fluoranthene	PAH	N	mg/kg	0.5	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	28	77	S4UL	0
Benzo(a)pyrene	PAH	N	mg/kg	0.5	< 0.019	< 0.019	< 0.019	< 0.019	< 0.019	< 0.019	28	5	C4SL	0
Indeno(1,2,3-cd)pyrene	PAH	N	mg/kg	0.5	< 0.019	< 0.019	< 0.019	< 0.019	< 0.019	< 0.019	28	27	S4UL	0
Dibenzo(a,h)anthracene	PAH	N	mg/kg	0.5	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	28	0.24	S4UL	0
Benzo[g,h,i]perylene	PAH	N	mg/kg	0.5	< 0.019	< 0.019	< 0.019	0.025	< 0.019	0.020	28	320	S4UL	0
BTEX														
Benzene	BTEX	M	ug/kg	10	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	28	0.87	C4SL	0
Toluene	BTEX	M	ug/kg	10	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	28	130	S4UL	0
Ethylbenzene	BTEX	M	ug/kg	10	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	28	47	S4UL	0
Xylenes	BTEX	M	ug/kg	10	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	28	-	S4UL	0
TPH CWG														
>C5-C6 Aliphatic	TPHCWG	N	mg/kg	0.01	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	28	42	S4UL	0
>C6-C8 Aliphatic	TPHCWG	N	mg/kg	0.01	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	28	100	S4UL	0
>C8-C10 Aliphatic	TPHCWG	N	mg/kg	1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	28	27	S4UL	0
>C10-C12 Aliphatic	TPHCWG	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	28	130	S4UL	0
>C12-C16 Aliphatic	TPHCWG	N	mg/kg	1	1.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	28	1100	S4UL	0
>C16-C21 Aliphatic	TPHCWG	N	mg/kg	1	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	28	65000	S4UL	0
>C21-C35 Aliphatic	TPHCWG	N	mg/kg	1	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	28	65000	S4UL	0
>C35-C40 Aliphatic	TPHCWG	N	mg/kg	1	0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	28	65000	S4UL	0
>C5-C7 Aromatic	TPHCWG	N	mg/kg	0.01	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	28	70	S4UL	0
>C7-C8 Aromatic	TPHCWG	N	mg/kg	0.01	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	28	130	S4UL	0
>C8-C10 Aromatic	TPHCWG	N	mg/kg	1	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	28	34	S4UL	0
>C10-C12 Aromatic	TPHCWG	N	mg/kg	1	1.3	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	28	74	S4UL	0
>C12-C16 Aromatic	TPHCWG	N	mg/kg	1	3.9	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	28	140	S4UL	0
>C16-C21 Aromatic	TPHCWG	N	mg/kg	1	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	28	260	S4UL	0
>C21-C35 Aromatic	TPHCWG	N	mg/kg	1	5.3	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5	28	1100	S4UL	0
>C35-C40 Aromatic	TPHCWG	N	mg/kg	1	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	28	1100	S4UL	0
Asbestos	NA	NA	NA	NA	NAD	NAD	NAD	NAD	NAD	NAD	-	-	-	-

APPENDIX D – SUMM RY OF CHEMICAL 2026 TEST DATA

Job No: 3224
Site Name: Wynnstay Topsoil Verification
Residential with gardens (1% SOM)

Metals & Non-Metals	Plot 2	Plot 4	Plot 5	Plot 6	Plot 8	Plot 9	Plot 10	Plot 11	Plot 33	Plot 34	POS 1	Plot 15	Plot 18	POS 2	Plot 28	Plot 37	Plot 42	Min (mg/kg)	Max (mg/kg)	Average (Unround	Average (mg/kg)	Count	Adopted Guideline (mg/kg)	Source	Exceedances
	0.15	0.24	0.20	0.15	0.15	0.15	0.25	0.15	0.15	0.25	0.15	0.10	0.15	0.15	0.10	0.15	0.15								
Arsenic	7.1	7.1	7.9	8.6	8.8	8.7	9.4	8.9	8.3	10.5	10.9	9.4	9.2	10.2	8.7	10.3	11.1	7.1	11.1	9.12	9.12	17	37	C4SL	0
Cadmium	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	0	0	1.60	1.6	17	22	C4SL	0
Chromium	11.3	10.2	12.4	12.8	14.9	14.1	14.8	15	14.2	16.4	16.8	15.4	15.2	17	14.7	18	18.2	10.2	18.2	14.79	14.79	17	910	S4UL	0
Copper	6.4	6.6	7.5	7.8	9.6	8.8	9	9.3	8.5	9.6	10.4	9	11.5	14.9	10.2	12	14.3	6.4	14.9	9.73	9.73	17	2400	S4UL	0
Lead	37.8	33.7	38.5	43.4	51.4	48.1	48.9	50.3	45	52.9	61.1	52.2	54.5	68.1	51.2	54.9	60.3	33.7	68.1	50.14	50.14	17	200	C4SL	0
Mercury	< 0.7	< 0.7	0.9	< 0.7	0.9	1.3	0.9	1.1	< 0.7	1.4	1.3	1.8	1	0.8	< 0.7	1.1	1.6	0.8	1.8	1.04	1.04	17	40	S4UL	0
Nickel	8	7.6	8.5	9.7	11.2	11.6	11.3	11.7	10.6	11.8	12.1	11.4	12.3	13.7	11.6	14.1	14.5	7.6	14.5	11.28	11.28	17	130	S4UL	0
Total Monohydric Phenols	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0	0	0.50	0.5	17	120	S4UL	0
Selenium	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	0	0	3.00	3	17	250	S4UL	0
Zinc	62.5	52.8	64	68.3	81.1	77.2	79.5	80.3	72.9	84.8	89	82.8	81.6	92.6	81.2	87.6	95.8	52.8	95.8	78.47	78.47	17	3700	S4UL	0

Petroleum Hydrocarbons	Plot 2	Plot 4	Plot 5	Plot 6	Plot 8	Plot 9	Plot 10	Plot 11	Plot 33	Plot 34	POS 1	Plot 15	Plot 18	POS 2	Plot 28	Plot 37	Plot 42	Min (mg/kg)	Max (mg/kg)	Average (Unround	Average (mg/kg)	Count	Adopted Guideline (mg/kg)	Source	Exceedances
	0.15	0.24	0.20	0.15	0.15	0.15	0.25	0.15	0.15	0.25	0.15	0.10	0.15	0.15	0.10	0.15	0.15								
Benzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0	0	0.00	0.001	17	0.87	C4SL	0
Toluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0	0	0.00	0.001	17	130	S4UL	0
Ethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0	0	0.00	0.001	17	47	S4UL	0
m,p-Xylene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	0	0	0.00	0.002	17	56	S4UL	0
>C5-C6 Aliphatic	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0	0	0.10	0.1	17	42	S4UL	0
>C6-C8 Aliphatic	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0	0	0.10	0.1	17	100	S4UL	0
>C8-C10 Aliphatic	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0	0	0.10	0.1	17	27	S4UL	0
>C10-C12 Aliphatic	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0	0	1.00	1	17	130	S4UL	0
>C12-C16 Aliphatic	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0	0	0.50	0.5	17	1100	S4UL	0
>C16-C35 Aliphatic	< 4.0	< 4.0	9.1	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	9.1	9.1	4.30	4.3	17	65000	S4UL	0
>C35-C40 Aliphatic	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0	0	0.50	0.5	17	65000	S4UL	0
>C6-C7 Aromatic	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	0	0	0.01	0.01	17	70	S4UL	0
>C7-C8 Aromatic	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	0	0	0.01	0.01	17	130	S4UL	0
>C8-C10 Aromatic	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	0	0	0.01	0.01	17	34	S4UL	0
>C10-C12 Aromatic	< 0.6	< 0.6	0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	0.6	0.6	0.60	0.6	17	74	S4UL	0
>C12-C16 Aromatic	< 1.0	< 1.0	1.8	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.8	1.8	1.05	1.05	17	140	S4UL	0
>C16-C21 Aromatic	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0	0	2.00	2	17	260	S4UL	0
>C21-C35 Aromatic	< 4.5	< 4.5	9.7	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5	9.7	9.7	4.81	4.81	17	1100	S4UL	0
>C35-C40 Aromatic	< 1.5	< 1.5	2.2	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	2.2	2.2	1.54	1.54	17	1100	S4UL	0

Polyaromatic Hydrocarbons (PAH)	Plot 2	Plot 4	Plot 5	Plot 6	Plot 8	Plot 9	Plot 10	Plot 11	Plot 33	Plot 34	POS 1	Plot 15	Plot 18	POS 2	Plot 28	Plot 37	Plot 42	Min (mg/kg)	Max (mg/kg)	Average (Unround	Average (mg/kg)	Count	Adopted Guideline (mg/kg)	Source	Exceedances
	0.15	0.24	0.20	0.15	0.15	0.15	0.25	0.15	0.15	0.25	0.15	0.10	0.15	0.15	0.10	0.15	0.15								
Acenaphthene	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	0	0	0.01	0.01	17	210	S4UL	0
Acenaphthylene	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	0	0	0.02	0.02	17	170	S4UL	0
Anthracene	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	0	0	0.02	0.02	17	2400	S4UL	0
Benzo(a)anthracene	0.025	0.026	0.047	0.019	0.024	0.035	0.03	0.024	0.023	0.036	0.062	0.05	0.032	0.07	0.039	0.029	0.03	0.019	0.07	0.04	0.04	17	7.2	S4UL	0
Benzo(a)pyrene	0.022	0.025	0.038	0.023	0.021	0.028	0.027	0.023	0.023	0.034	0.072	0.05	0.022	0.07	0.036	0.022	0.023	0.021	0.072	0.03	0.03	17	5	C4SL	0
Benzo(b)fluoranthene	0.027	0.032	0.049	0.028	0.026	0.033	0.034	0.027	0.027	0.04	0.081	0.059	0.031	0.081	0.044	0.028	0.027	0.026	0.081	0.04	0.04	17	2.6	S4UL	0
Benzo(g,h,i)perylene	< 0.019	0.02	0.03	< 0.019	< 0.019	0.021	0.02	< 0.019	< 0.019	0.024	0.047	0.035	< 0.019	0.05	0.026	< 0.019	< 0.019	0.02	0.05	0.03	0.03	17	320	S4UL	0
Benzo(k)fluoranthene	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	0.031	< 0.025	< 0.025	0.036	< 0.025	< 0.025	< 0.025	0.031	0.036	0.03	0.03	17	77	S4UL	0
Chrysene	< 0.028	< 0.028	0.041	< 0.028	< 0.028	< 0.028	0.031	< 0.028	< 0.028	0.034	0.055	0.043	< 0.028	0.057	0.035	< 0.028	< 0.028	0.031	0.057	0.03	0.03	17	15	S4UL	0
Dibenzo(a,h)anthracene	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	0	0	0.02	0.02	17	0.24	S4UL	0
Fluoranthene	0.041	0.041	0.075	0.038	0.034	0.049	0.048	0.039	0.038	0.057	0.103	0.076	0.041	0.109	0.057	0.037	0.039	0.034	0.109	0.05	0.05	17	280	S4UL	0
Fluorene	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	0	0	0.01	0.01	17	170	S4UL	0
Indeno(1,2,3-cd)pyrene	0.022	0.025	0.037	0.02	< 0.019	0.024	0.026	0.021	0.02	0.03	0.058	0.043	0.023	0.063	0.032	0.019	0.021	0.019	0.063	0.03	0.03	17	27	S4UL	0
Naphthalene	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	0.024	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	0.024	0.024	0.02	0.02	17	2.3	S4UL	0
Phenanthrene	0.028	0.032	0.039	0.023	0.021	0.034	0.028	0.022	0.02	0.033	0.053	0.036	0.023	0.058	0.038	0.022	0.027	0.02	0.058	0.03	0.03	17	95	S4UL	0
Pyrene	0.04	0.038	0.068	0.035	0.032	0.047	0.045	0.037	0.035	0.053	0.096	0.07	0.037	0.103	0.055	0.034	0.034	0.032	0.103	0.05	0.05	17	620	S4UL	0

Other Contaminants / Testing	Plot 2	Plot 4	Plot 5	Plot 6	Plot 8	Plot 9	Plot 10	Plot 11	Plot 33	Plot 34	POS 1	Plot 15	Plot 18	POS 2	Plot 28	Plot 37	Plot 42	Min (mg/kg)	Max (mg/kg)	Average (Unround	Average (mg/kg)	Count	Adopted Guideline (mg/kg)	Source	Exceedances
	0.15	0.24	0.20	0.15	0.15	0.15	0.25	0.15	0.15	0.25	0.15	0.10	0.15	0.15	0.10	0.15	0.15								
Total Organic Carbon	1.68	1.58	1.4	1.44	1.34	1.49	1.41	1.46	1.32	1.54	1.53	1.49	1.75	1.55	1.61	1.48	1.45	1.32	1.75	1.50	1.5	17	-	-	-
pH	7.9	7.9	7.7	7.8	7.9	7.9	8	8	8	8	8.1	8	8	7.9	8.1	8	8.1	7.7	8.1	7.96	7.96	17	-	-	-
Total Cyanide	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0	0	1.00	1	17	-	-	-

Job No: 3224
Site Name: Wynnstay Subsoil Verification
Residential with gardens (1% SOM)

Metals & Non-Metals	Plot 1	Plot 2	Plot 3	Plot 4	Plot 5	Plot 6	Plot 7	Plot 8	Plot 9	Plot 10	Plot 11	Plot 33	Plot 34	POS 1	Plot 15	Plot 18	Plot 28	Plot 37	Plot 42	POS 2	Min (mg/kg)	Max (mg/kg)	Average (Unround	Average (mg/kg)	Count	Adopted Guideline (mg/kg)	Source	Exceedances
	0.35	0.40	0.30	0.40	0.50	0.40	0.35	0.35	0.50	0.60	0.40	0.40	0.60	0.60	0.40	0.50	0.40	0.50	0.50	0.50								
Arsenic	9.6	10.7	10.6	11.8	7.5	6.4	9.1	8.8	8.3	6.5	8.2	10.2	8.3	6.7	6.2	6.6	8.2	5.1	6.6	8.9	5.1	11.8	8.22	8.22	20	37	C4SL	0
Cadmium	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	0	0	1.60	1.6	20	22	C4SL	0
Chromium	15.2	18.3	15.5	15.7	10.6	16.9	12.9	12.4	8.4	9	11.4	14.4	14	21.3	15.5	12.5	14.1	16.3	19.9	15.2	8.4	21.3	14.48	14.48	20	910	S4UL	0
Copper	29.8	30	32.1	32.2	19.3	23.9	20.1	23.4	21.7	24.9	28.6	28.9	23.9	25.2	21.4	19.8	12.3	21.7	20.7	11.3	11.3	32.2	23.56	23.56	20	2400	S4UL	0
Lead	35.8	33.4	36	30	22.1	32.7	21.4	19.1	17.4	21.7	21.9	33.8	28.5	21.8	20.9	23.1	42	20.4	20.2	49.8	17.4	49.8	27.60	27.6	20	200	C4SL	0
Mercury	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	0.9	< 0.7	< 0.7	< 0.7	1.1	< 0.7	0.8	< 0.7	< 0.7	< 0.7	0.8	1.1	0.74	0.74	20	40	S4UL	0
Nickel	19.3	20.2	19.2	22.5	13.1	13.3	15.3	16.6	13.6	15	16.1	18.1	15.8	12.8	8.6	9.2	8.3	5.8	7.3	9.1	5.8	22.5	13.96	13.96	20	130	S4UL	0
Total Monohydric Phenols	0.64	< 0.50	1.14	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2.91	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.64	2.91	0.66	0.66	20	120	S4UL	0
Selenium	< 3.0	4.9	< 3.0	< 3.0	4.2	4.2	3.9	< 3.0	5.1	4.4	< 3.0	4	3.3	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	3.6	< 3.0	3.3	5.1	3.53	3.53	20	250	S4UL	0
Zinc	72.1	62.5	63	66.7	42	54.2	42.4	38.2	42.5	46.8	43.7	59.3	53.7	50.1	43.1	40.6	70	45.3	49.1	75.4	38.2	75.4	53.04	53.04	20	3700	S4UL	0

Petroleum Hydrocarbons	Plot 1	Plot 2	Plot 3	Plot 4	Plot 5	Plot 6	Plot 7	Plot 8	Plot 9	Plot 10	Plot 11	Plot 33	Plot 34	POS 1	Plot 15	Plot 18	Plot 28	Plot 37	Plot 42	POS 2	Min (mg/kg)	Max (mg/kg)	Average (Unround	Average (mg/kg)	Count	Adopted Guideline (mg/kg)	Source	Exceedances
	0.35	0.40	0.30	0.40	0.50	0.40	0.35	0.35	0.50	0.60	0.40	0.40	0.60	0.60	0.40	0.50	0.40	0.50	0.50	0.50								
Benzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0	0	0.00	0.001	20	0.87	C4SL	0
Toluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0	0	0.00	0.001	20	130	S4UL	0
Ethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0	0	0.00	0.001	20	47	S4UL	0
m,p-Xylene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	0	0	0.00	0.002	20	56	S4UL	0
>C5-C6 Aliphatic	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0	0	0.10	0.1	20	42	S4UL	0
>C6-C8 Aliphatic	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0	0	0.10	0.1	20	100	S4UL	0
>C8-C10 Aliphatic	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0	0	0.10	0.1	20	27	S4UL	0
>C10-C12 Aliphatic	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.8	< 1.0	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1	1.8	1.04	1.04	20	130	S4UL	0
>C12-C16 Aliphatic	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.2	< 0.5	1.5	< 0.5	0.8	< 0.5	< 0.5	< 0.5	< 0.5	0.8	2.2	0.65	0.65	20	1100	S4UL	0
>C16-C35 Aliphatic	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	0.9	< 4.0	13.9	< 4.0	8.3	< 4.0	5.9	< 4.0	< 4.0	0.9	13.9	4.65	4.65	20	65000	S4UL	0
>C35-C40 Aliphatic	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.9	0.9	1.1	< 0.5	2.1	1	< 0.5	0.9	2.9	0.78	0.78	20	65000	S4UL	0
>C6-C7 Aromatic	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	0	0	0.01	0.01	20	70	S4UL	0
>C7-C8 Aromatic	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	0	0	0.01	0.01	20	130	S4UL	0
>C8-C10 Aromatic	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	0	0	0.01	0.01	20	34	S4UL	0
>C10-C12 Aromatic	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	1	< 0.6	1.9	1.1	1.7	< 0.6	0.8	< 0.6	< 0.6	0.8	1.9	0.78	0.78	20	74	S4UL	0
>C12-C16 Aromatic	1.5	1.1	< 1.0	< 1.0	1.4	< 1.0	< 1.0	< 1.0	< 1.0	1.9	1.7	3.1	< 1.0	6.1	3.1	5.1	< 1.0	2.2	1.9	< 1.0	1.1	6.1	1.91	1.91	20	140	S4UL	0
>C16-C21 Aromatic	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	2.8	< 2.0	4.2	< 2.0	< 2.0	< 2.0	< 2.0	2.8	4.2	2.15	2.15	20	260	S4UL	0
>C21-C35 Aromatic	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5	5.4	< 4.5	20.2	9.4	18.3	< 4.5	10.1	5.7	< 4.5	5.4	20.2	6.61	6.61	20	1100	S4UL	0
>C35-C40 Aromatic	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	3.6	< 1.5	2.5	< 1.5	3.4	2.7	< 1.5	2.5	3.6	1.81	1.81	20	1100	S4UL	0

Polyaromatic Hydrocarbons (PAH)	Plot 1	Plot 2	Plot 3	Plot 4	Plot 5	Plot 6	Plot 7	Plot 8	Plot 9	Plot 10	Plot 11	Plot 33	Plot 34	POS 1	Plot 15	Plot 18	Plot 28	Plot 37	Plot 42	POS 2	Min (mg/kg)	Max (mg/kg)	Average (Unround	Average (mg/kg)	Count	Adopted Guideline (mg/kg)	Source	Exceedances
	0.35	0.40	0.30	0.40	0.50	0.40	0.35	0.35	0.50	0.60	0.40	0.40	0.60	0.60	0.40	0.50	0.40	0.50	0.50	0.50								
Acenaphthene	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	0.022	0.149	< 0.013	< 0.013	0.023	0.051	< 0.013	0.022	0.149	0.02	0.02	20	210	S4UL	0
Acenaphthylene	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	0	0	0.02	0.02	20	170	S4UL	0
Anthracene	0.03	0.038	0.021	0.018	0.043	0.018	< 0.017	< 0.017	0.03	0.019	0.033	0.027	0.022	0.082	0.844	0.038	< 0.017	0.091	0.221	< 0.017	0.018	0.844	0.08	0.08	20	2400	S4UL	0
Benzo(a)anthracene	0.027	0.074	0.027	0.015	0.122	0.019	0.028	0.025	0.046	0.023	0.041	0.03	0.038	0.364	1.6	0.091	0.026	0.204	0.352	0.02	0.015	1.6	0.16	0.16	20	7.2	S4UL	0
Benzo(a)pyrene	< 0.019	0.057	< 0.019	< 0.019	0.128	< 0.019	< 0.019	0.025	0.025	< 0.019	< 0.019	0.019	0.026	0.436	1.54	0.099	0.032	0.247	0.353	0.025	0.019	1.54	0.16	0.16	20	5	C4SL	0
Benzo(b)fluoranthene	0.02	0.067	0.021	< 0.020	0.146	< 0.020	0.023	0.032	0.037	< 0.020	0.032	0.028	0.034	0.449	1.67	0.111	0.039	0.268	0.371	0.034	0.02	1.67	0.17	0.17	20	2.6	S4UL	0
Benzo(g,h,i)perylene	0.024	0.038	< 0.019	< 0.019	0.084	0.019	< 0.019	0.021	0.029	< 0.019	0.024	0.02	0.021	0.245	0.932	0.063	0.023	0.168	0.22	0.02	0.019	0.932	0.10	0.1	20	320	S4UL	0
Benzo(k)fluoranthene	< 0.025	0.027	< 0.025	< 0.025	0.059	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	0.184	0.68	0.045	< 0.025	0.103	0.15	< 0.025	0.027	0.68	0.08	0.08	20	77	S4UL	0
Chrysene	< 0.028	0.061	< 0.028	< 0.028	0.108	< 0.028	< 0.028	< 0.028	0.044	0.029	0.043	0.028	0.036	0.302	1.35	0.079	0.03	0.175	0.263	< 0.028	0.028	1.35	0.14	0.14	20	15	S4UL	0
Dibenzo(a,h)anthracene	< 0.017	< 0.017	< 0.017	< 0.017	0.021	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	0.064	0.214	< 0.017	< 0.017	0.039	0.056	< 0.017	0.021	0.214	0.03	0.03	20	0.24	S4UL	0
Fluoranthene	0.052	0.159	0.05	0.032	0.249	0.043	0.046	0.059	0.068	0.049	0.082	0.068	0.076	0.67	5.21	0.18	0.055	0.483	0.653	0.036	0.032	5.21	0.42	0.42	20	280	S4UL	0
Fluorene	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	0.022	0.095	0.013	< 0.013	0.029	0.048	< 0.013	0.013	0.095	0.02	0.02	20	170	S4UL	0
Indeno(1,2,3-cd)pyrene	< 0.019	0.049	< 0.019	< 0.019	0.108	< 0.019	< 0.019	0.023	0.023	< 0.019	< 0.019	< 0.019	0.024	0.344	1.24	0.084	0.032	0.219	0.278	0.025	0.023	1.24	0.13	0.13	20	27	S4UL	0
Naphthalene	0.113	0.033	0.16	0.053	0.049	0.048	0.077	0.082	0.356	0.267	0.275	0.082	0.075	0.042	0.066	0.05	< 0.016	0.057	0.109	< 0.016	0.033	0.356	0.10	0.1	20	2.3	S4UL	0
Phenanthrene	0.629	0.265	0.378	0.301	0.194	0.338	0.221	0.233	0.778	0.479	0.733	0.43	0.302	0.32	1.41	0.148	0.029	0.362	1.02	0.02	0.02	1.41	0.43	0.43	20	95	S4UL	0
Pyrene	0.045	0.141	0.044	0.027	0.217	0.036	0.04	0.052	0.06	0.044	0.069	0.057	0.062	0.638	4.16	0.161	0.052	0.432	0.553	0.034	0.027	4.16	0.35	0.35	20	620	S4UL	0

Other Contaminants / Testing	Plot 1	Plot 2	Plot 3	Plot 4	Plot 5	Plot 6	Plot 7	Plot 8	Plot 9	Plot 10	Plot 11	Plot 33	Plot 34	POS 1	Plot 15	Plot 18	Plot 28	Plot 37	Plot 42	POS 2	Min (mg/kg)	Max (mg/kg)	Average (Unround	Average (mg/kg)	Count	Adopted Guideline (mg/kg)	Source	Exceedances
	0.35	0.40	0.30	0.40	0.50	0.40	0.35	0.35	0.50	0.60	0.40	0.40	0.60	0.60	0.40	0.50	0.40	0.50	0.50	0.50								
Total Organic Carbon	12.5	9.77	8.83	11.8	8.07	2.06	10.1	8.48	18.3	18.1	15	12.7	9	1.76	1.74	1.71	1.58	2.34	1.63	1.88	1.58	18.3	7.87	7.87	20	-	-	-
pH	6.5	7.8	6.3	7.5	10.1	7.2	7.8	7.1	6.6	6.5	6.4	6.8	6.9	10.5	9.9	10.5	8.5	10.5	10.4	8.3	6.3	10.5	8.11	8.11	20	-	-	-
Total Cyanide	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0	0	1.00	1	20	-	-	-

APPENDIX E – IMPO T MATERI L DOCUMENTATION

Certificate of Analysis

Client: (K920) ELEMENT ENVIRONMENTAL
LABS DEESIDE UNIT 3
DEESIDE POINT ZONE 3
DEESIDE IND PK
FLINTSHIRE
CH5 2UA

Originator: 17059
EMT 239029
EMT 239029

Lab ID: 40557 - 586053
Sample ID: 17059-DD TOPSOIL

Date Received: 24/10/2024
Date Reported: 09/11/2024

Sample Weight: 906g

BS 3882 : 2015 SPECIFICATION FOR TOPSOIL
Multipurpose Grade

		Unit	Result		Compliant with range (Y/N) Multi-P	Acid	Calc	Low-F	Low-F Acid	Low-F Calc
Texture:	Clay	% w/w	20							
	Silt	% w/w	19			*See area of permitted soil textural classes in Fig. 1.*				
	Sand	% w/w	61							
	Textural Class		Sandy Clay Loam		Y	Y	Y	Y	Y	Y
Organic Matter:		% w/w	5.4		Y	Y	Y	Y	Y	Y
Coarse Fragment Content:	>2 mm	% w/w	2.9		Y	Y	Y	Y	Y	Y
	>20 mm	% w/w	0.6		Y	Y	Y	Y	Y	Y
	>50 mm	% w/w	0.0		Y	Y	Y	Y	Y	Y
Soil pH:			7.0		Y	N	N	Y	N	N
Carbonate:		% w/w	5.5				Y			Y
Available Plant Nutrients:	Nitrogen	% w/w	0.221		Y	Y	Y			
	Phosphorus	mg/l	47.4	(4)*	Y	Y	Y	N	N	N
	Potassium	mg/l	224.4	(2+)*	Y	Y	Y			
	Magnesium	mg/l	116.8	(3)*	Y	Y	Y			
Carbon:Nitrogen Ratio:		:1	14.2		Y	Y	Y	Y	Y	Y
Exchangeable Sodium Percentage:		%	2.0							
Phytotoxic Contaminants:	Total Zinc	mg/kg	78.1		Y	Y	Y	Y	Y	Y
	Total Copper	mg/kg	36.8		Y	Y	Y	Y	Y	Y
	Total Nickel	mg/kg	11.6		Y	Y	Y	Y	Y	Y
Visible Contaminants:	> 2mm	% w/w	0.06		Y	Y	Y	Y	Y	Y
	Plastics	% w/w	0.00		Y	Y	Y	Y	Y	Y
	Number of Sharps		0		Y	Y	Y	Y	Y	Y
Additional Analysis:	Available Sodium	mg/l	54.5							
	Available Calcium	mg/l	2060.0							
	Conductivity	uS/cm	2548		Y					
Compliancy:					**Y**	**N**	**N**	**N**	**N**	**N**

Results are expressed on a dry matter basis.
* Soil indices from RB209

Released by: *Myles Nicholson* **Date: 09/11/2024**

DECLARATION: I certify that this sample has been analysed by NRM in accordance with BS 3882 Specification for Topsoil (2015).

NRM Coopers Bridge, Braziers Lane, Bracknell, Berkshire RG42 6NS
Tel: +44 (0) 1344 886338 Fax: +44 (0) 1344 890972 Email: enquiries@nrm.uk.com www.nrm.uk.com
NRM Laboratories is a division of Cawood Scientific Ltd, Coopers Bridge, Braziers Lane, Bracknell, Berkshire RG42 6NS Registered Number: 05655711

Analytical Report

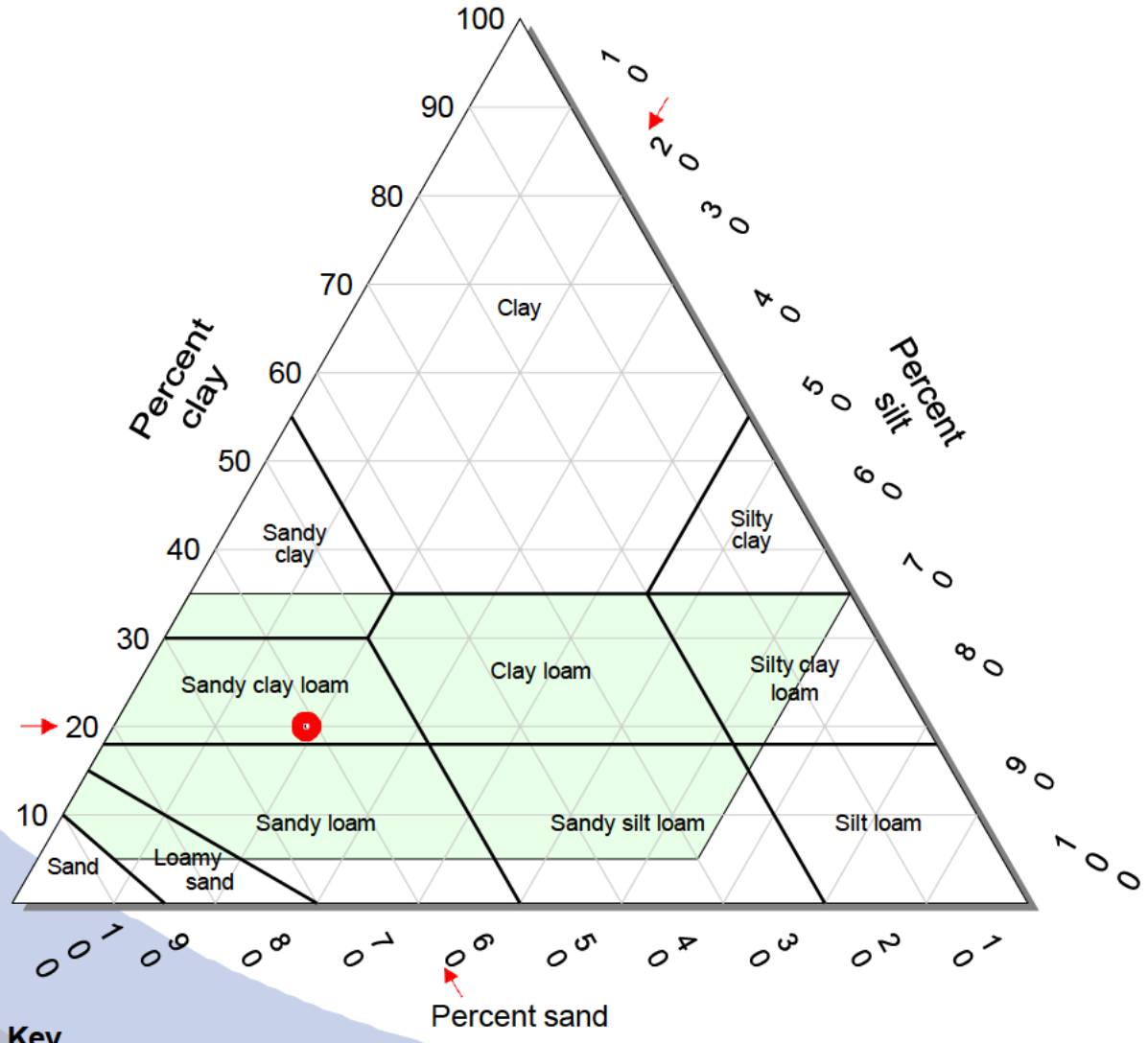
Client: ELEMENT ENVIRONMENTAL
(K920) LABS DEESIDE UNIT 3
DEESIDE POINT ZONE 3
DEESIDE IND PK
FLINTSHIRE
CH5 2UA

Originator: 17059
EMT 239029
EMT 239029

Lab ID: 40557 - 586053
Sample ID: 17059-DD TOPSOIL
Sample Weight: 906g

Date Received: 24/10/2024
Date Reported: 09/11/2024

Fig. 1. Textural Class: Sandy Clay Loam (compliant)



Key

Area within which texture of topsoil is required to fall.

DAVE COTTLE CIVIL ENGINEERING LTD
RECORD OF DELIVERY TICKETS

SITE:	**Wynnstay Park, Ruabon**
PROJECT No.:	**1143**
WORKS PACKAGE:	**IMPORTED TOPSOIL**

Item	Date	Loads	Qty (Tonne)	Supplier	Ticket No.
Topsoil	14-Feb-25	1.00	20.00	ASH Aggregates	257995
Topsoil	5-Mar-25	5.00	100.00	ASH Aggregates	259624, 259625, 259626, 259627, 260168
Topsoil	6-Mar-25	5.00	100.00	ASH Aggregates	259629, 259630, 259631, 259632, 260112
Topsoil	7-Mar-25	1.00	20.00	ASH Aggregates	256254
Topsoil	7-Mar-25	4.00	80.00	ASH Aggregates	256254, 256255, 256256, 25653
Topsoil	3-Jun-25	1.00	20.00	ASH Aggregates	264197
Topsoil	4-Jun-25	3.00	60.00	ASH Aggregates	268057, 268056, 268055
Topsoil	5-Jun-25	1.00	20.00	ASH Aggregates	264297
Topsoil	11-Jun-25	1.00	20.00	ASH Aggregates	265014
Topsoil	19-Jun-25	2.00	40.00	ASH Aggregates	268240, 265045
Topsoil	26-Jun-25	2.00	40.00	ASH Aggregates	267371, 267373
Topsoil	8-Jul-25	2.00	40.00	ASH Aggregates	271051, 270951
Topsoil	11-Jul-25	1.00	20.00	ASH Aggregates	269866
Topsoil	14-Jul-25	1.00	20.00	ASH Aggregates	271354
Topsoil	30-Jul-25	2.00	40.00	ASH Aggregates	272989, 272988
Topsoil	8-Aug-25	1.00	20.00	ASH Aggregates	273199
Topsoil	8-Aug-25	1.00	20.00	ASH Aggregates	275288
Topsoil	21-Aug-25	1.00	20.00	ASH Aggregates	275053
Topsoil	27-Aug-25	1.00	20.00	ASH Aggregates	273490
Topsoil	3-Sep-25	2.00	40.00	ASH Aggregates	274793, 274548
Topsoil	14-Sep-25	2.00	40.00	ASH Aggregates	270409, 270408
Topsoil	19-Sep-25	2.00	40.00	ASH Aggregates	275391, 278362
Topsoil	3-Oct-25	1.00	20.00	ASH Aggregates	278184
Topsoil	14-Oct-25	3.00	60.00	ASH Aggregates	278527, 2782526, 277318
Topsoil	15-Oct-25	2.00	40.00	ASH Aggregates	280074, 279029
Topsoil	20-Oct-25	2.00	40.00	ASH Aggregates	279096, 275250
Topsoil	14-Nov-25	2.00	40.00	ASH Aggregates	279690, 278542
Topsoil	18-Nov-25	1.00	20.00	ASH Aggregates	249600
Total		**53.00**	**1060.00**	**Tonne**	

Element Materials Technology
Unit 3 Deeside Point
Zone 3
Deeside Industrial Park
Deeside
CH5 2UA

P: +44 (0) 1244 833780
F: +44 (0) 1244 833781
W: www.element.com

Alans Skip Hire Ltd
Broughton Mills Road
Bretton
Flintshire
United Kingdom
CH4 0BY

Attention :	John Dennan
Date :	10th February, 2025
Your reference :	-
Our reference :	Test Report 25/1691 Batch 1
Location :	-
Date samples received :	5th February, 2025
Status :	Interim report
Issue :	202502101623

One sample was received for analysis on 5th February, 2025 and was scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied.
All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

The greenhouse gas emissions generated (in Carbon – Co2e) to obtain the results in this report are estimated as:

Scope 1&2 emissions - 3.62 kg of CO2

Scope 1&2&3 emissions - 8.555 kg of CO2

Authorised By:

Bruce Leslie
Project Manager

Please include all sections of this report if it is reproduced

Element Materials Technology Environmental UK Limited
Registered in England and Wales
Registered Office: 3rd Floor Davidson Building, 5 Southampton Street, London WC2E 7HA
Company Registration No: 11371415

Client Name: Alans Skip Hire Ltd
Reference: -
Location: -
Contact: John Dennan
EMT Job No: 25/1691

Report : Solid

Solids: V=60g VOC jar, J=250g glass jar, T=plastic tub

Please see attached notes for all abbreviations and acronyms

EMT Sample No.	1-2										LOD/LOR	Units	Method No.
Sample ID	SAMPLE 1												
Depth													
COC No / misc													
Containers	B T												
Sample Date	<>												
Sample Type	Soil												
Batch Number	1												
Date of Receipt	05/02/2025												
Arsenic #	9.8										<0.5	mg/kg	TM30/PM15
Cadmium #	0.4										<0.1	mg/kg	TM30/PM15
Chromium #	141.8										<0.5	mg/kg	TM30/PM15
Copper #	31										<1	mg/kg	TM30/PM15
Lead #	95										<5	mg/kg	TM30/PM15
Mercury #	0.1										<0.1	mg/kg	TM30/PM15
Nickel #	27.5										<0.7	mg/kg	TM30/PM15
Selenium #	<1										<1	mg/kg	TM30/PM15
Total Sulphate as SO4 #											<50	mg/kg	TM50/PM29
Vanadium	35										<1	mg/kg	TM30/PM15
Zinc #	111										<5	mg/kg	TM30/PM15
PAH MS													
Naphthalene #	<0.04										<0.04	mg/kg	TM4/PM8
Acenaphthylene	<0.03										<0.03	mg/kg	TM4/PM8
Acenaphthene #	<0.05										<0.05	mg/kg	TM4/PM8
Fluorene #	<0.04										<0.04	mg/kg	TM4/PM8
Phenanthrene #	<0.03										<0.03	mg/kg	TM4/PM8
Anthracene #	<0.04										<0.04	mg/kg	TM4/PM8
Fluoranthene #	0.05										<0.03	mg/kg	TM4/PM8
Pyrene #	0.05										<0.03	mg/kg	TM4/PM8
Benzo(a)anthracene #	<0.06										<0.06	mg/kg	TM4/PM8
Chrysene #	<0.02										<0.02	mg/kg	TM4/PM8
Benzo(bk)fluoranthene #	<0.07										<0.07	mg/kg	TM4/PM8
Benzo(a)pyrene #	<0.04										<0.04	mg/kg	TM4/PM8
Indeno(123cd)pyrene #	<0.04										<0.04	mg/kg	TM4/PM8
Dibenzo(ah)anthracene #	<0.04										<0.04	mg/kg	TM4/PM8
Benzo(ghi)perylene #	<0.04										<0.04	mg/kg	TM4/PM8
PAH 16 Total	<0.6										<0.6	mg/kg	TM4/PM8
Benzo(b)fluoranthene	<0.05										<0.05	mg/kg	TM4/PM8
Benzo(k)fluoranthene	<0.02										<0.02	mg/kg	TM4/PM8
PAH Surrogate % Recovery	92										<0	%	TM4/PM8

Element Materials Technology

Client Name: Alans Skip Hire Ltd
Reference: -
Location: -
Contact: John Dennan
EMT Job No: 25/1691

Report : Solid

Solids: V=60g VOC jar, J=250g glass jar, T=plastic tub

EMT Sample No.	1-2										LOD/LOR	Units	Method No.
Sample ID	SAMPLE 1												
Depth													
COC No / misc													
Containers	B T												
Sample Date	<>												
Sample Type	Soil												
Batch Number	1												
Date of Receipt	05/02/2025												
TPH CWG													
Aliphatics													
>C5-C6 #	<0.1										<0.1	mg/kg	TM36/PM12
>C6-C8 #	<0.1										<0.1	mg/kg	TM36/PM12
>C8-C10	<0.1										<0.1	mg/kg	TM36/PM12
>C10-C12 #											<0.2	mg/kg	TM5/PM8/PM16
>C12-C16 #											<4	mg/kg	TM5/PM8/PM16
>C16-C21 #											<7	mg/kg	TM5/PM8/PM16
>C21-C35 #											<7	mg/kg	TM5/PM8/PM16
>C35-C44											<7	mg/kg	TM5/PM8/PM16
Total aliphatics C5-44											<26	mg/kg	TM5/TM36/PM8/PM12/PM16
Aromatics													
>C5-EC7 #	<0.1										<0.1	mg/kg	TM36/PM12
>EC7-EC8 #	<0.1										<0.1	mg/kg	TM36/PM12
>EC8-EC10 #	<0.1										<0.1	mg/kg	TM36/PM12
>EC10-EC12 #											<0.2	mg/kg	TM5/PM8/PM16
>EC12-EC16 #											<4	mg/kg	TM5/PM8/PM16
>EC16-EC21 #											<7	mg/kg	TM5/PM8/PM16
>EC21-EC35 #											<7	mg/kg	TM5/PM8/PM16
>EC35-EC44											<7	mg/kg	TM5/PM8/PM16
Total aromatics C5-44											<26	mg/kg	TM5/TM36/PM8/PM12/PM16
Total aliphatics and aromatics(C5-44)											<52	mg/kg	TM5/TM36/PM8/PM12/PM16
MTBE #	<5										<5	ug/kg	TM36/PM12
Benzene #	<5										<5	ug/kg	TM36/PM12
Toluene #	16										<5	ug/kg	TM36/PM12
Ethylbenzene #	<5										<5	ug/kg	TM36/PM12
m/p-Xylene #	<5										<5	ug/kg	TM36/PM12
o-Xylene #	<5										<5	ug/kg	TM36/PM12
Phenol #	<0.01										<0.01	mg/kg	TM26/PM21B
Natural Moisture Content	21.2										<0.1	%	PM4/PM0
Hexavalent Chromium #	<0.3										<0.3	mg/kg	TM38/PM20

Please see attached notes for all abbreviations and acronyms

Please include all sections of this report if it is reproduced
All solid results are expressed on a dry weight basis unless stated otherwise.

Client Name: Alans Skip Hire Ltd
Reference: -
Location: -
Contact: John Dennan

Note:

Asbestos Screen analysis is carried out in accordance with our documented in-house methods PM042 and TM065 and HSG 248 by Stereo and Polarised Light Microscopy using Dispersion Staining Techniques and is covered by our UKAS accreditation. Detailed Gravimetric Quantification and PCOM Fibre Analysis is carried out in accordance with our documented in-house methods PM042 and TM131 and HSG 248 using Stereo and Polarised Light Microscopy and Phase Contrast Optical Microscopy (PCOM). Asbestos sub-samples are retained for not less than 6 months from the date of analysis unless specifically requested.

The LOQ of the Asbestos Quantification is 0.001% dry fibre of dry mass of sample.

Where the sample is not taken by a Element Materials Technology consultant, Element Materials Technology cannot be responsible for inaccurate or unrepresentative sampling.

Where trace asbestos is reported the amount of asbestos will be <0.1%.

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Analyst Name	Date Of Analysis	Analysis	Result
25/1691	1	SAMPLE 1		2	Anthony Carman	06/02/2025	**General Description (Bulk Analysis)**	Brown Soil/Stones
					Anthony Carman	06/02/2025	**Asbestos Fibres**	NAD
					Anthony Carman	06/02/2025	**Asbestos ACM**	NAD
					Anthony Carman	06/02/2025	**Asbestos Type**	NAD

Client Name: Alans Skip Hire Ltd

Matrix : Solid

Reference: -

Location: -

Contact: John Dennan

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Analysis	Reason
25/1691	1	SAMPLE 1		1-2	All analyses	No sampling date given

Please note that only samples that are deviating are mentioned in this report. If no samples are listed it is because none were deviating. Only analyses which are accredited are recorded as deviating if set criteria are not met.

It is a requirement under ISO 17025 that we inform clients if samples are deviating i.e. outside what is expected. A deviating sample indicates that the sample 'may' be compromised but not necessarily will be compromised. The result is still accredited and our analytical reports will still show accreditation on the relevant analytes.

NOTES TO ACCOMPANY ALL SCHEDULES AND REPORTS

EMT Job No.: 25/1691

SOILS and ASH

Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation.

Where an MCERTS report has been requested, you will be notified within 48 hours of any samples that have been identified as being outside our MCERTS scope. As validation has been performed on clay, sand and loam, only samples that are predominantly these matrices, or combinations of them will be within our MCERTS scope. If samples are not one of a combination of the above matrices they will not be marked as MCERTS accredited.

It is assumed that you have taken representative samples on site and require analysis on a representative subsample. Stones will generally be included unless we are requested to remove them.

All samples will be discarded one month after the date of reporting, unless we are instructed to the contrary. Asbestos samples are retained for 6 months.

If you have not already done so, please send us a purchase order if this is required by your company.

Where appropriate please make sure that our detection limits are suitable for your needs, if they are not, please notify us immediately.

All analysis is reported on a dry weight basis unless stated otherwise. Limits of detection for analyses carried out on as received samples are not moisture content corrected. Results are not surrogate corrected. Samples are dried at 35°C ±5°C unless otherwise stated. Moisture content for CEN Leachate tests are dried at 105°C ±5°C. Ash samples are dried at 35°C ±5°C.

Where Mineral Oil is quoted, this refers to Total Aliphatics C10-C40.

Where a CEN 10:1 ZERO Headspace VOC test has been carried out, a 10:1 ratio of water to wet (as received) soil has been used.

% Asbestos in Asbestos Containing Materials (ACMs) is determined by reference to HSG 264 The Survey Guide - Appendix 2 : ACMs in buildings listed in order of ease of fibre release.

Sufficient amount of sample must be received to carry out the testing specified. Where an insufficient amount of sample has been received the testing may not meet the requirements of our accredited methods, as such accreditation may be removed.

Negative Neutralization Potential (NP) values are obtained when the volume of NaOH (0.1N) titrated (pH 8.3) is greater than the volume of HCl (1N) to reduce the pH of the sample to 2.0 - 2.5. Any negative NP values are corrected to 0.

The calculation of Pyrite content assumes that all oxidisable sulphides present in the sample are pyrite. This may not be the case. The calculation may be an overesitimate when other sulphides such as Barite (Barium Sulphate) are present.

WATERS

Please note we are not a UK Drinking Water Inspectorate (DWI) Approved Laboratory .

ISO17025 accreditation applies to surface water and groundwater and usually one other matrix which is analysis specific, any other liquids are outside our scope of accreditation.

As surface waters require different sample preparation to groundwaters the laboratory must be informed of the water type when submitting samples.

Where Mineral Oil is quoted, this refers to Total Aliphatics C10-C40.

STACK EMISSIONS

Where an MCERTS report has been requested, you will be notified within 48 hours of any samples that have been identified as being outside our MCERTS scope. As validation for Dioxins and Furans and Dioxin like PCBs has been performed on XAD-2 Resin, only samples which use this resin will be within our MCERTS scope.

Where appropriate please make sure that our detection limits are suitable for your needs, if they are not, please notify us immediately.

DEVIATING SAMPLES

All samples should be submitted to the laboratory in suitable containers with sufficient ice packs to sustain an appropriate temperature for the requested analysis. The temperature of sample receipt is recorded on the confirmation schedules in order that the client can make an informed decision as to whether testing should still be undertaken.

SURROGATES

Surrogate compounds are added during the preparation process to monitor recovery of analytes. However low recovery in soils is often due to peat, clay or other organic rich matrices. For waters this can be due to oxidants, surfactants, organic rich sediments or remediation fluids. Acceptable limits for most organic methods are 70 - 130% and for VOCs are 50 - 150%. When surrogate recoveries are outside the performance criteria but the associated AQC passes this is assumed to be due to matrix effect. Results are not surrogate corrected.

DILUTIONS

A dilution suffix indicates a dilution has been performed and the reported result takes this into account. No further calculation is required.

BLANKS

Where analytes have been found in the blank, the sample will be treated in accordance with our laboratory procedure for dealing with contaminated blanks.

NOTE

Data is only reported if the laboratory is confident that the data is a true reflection of the samples analysed. Data is only reported as accredited when all the requirements of our Quality System have been met. In certain circumstances where all the requirements of the Quality System have not been met, for instance if the associated AQC has failed, the reason is fully investigated and documented. The sample data is then evaluated alongside the other quality control checks performed during analysis to determine its suitability. Following this evaluation, provided the sample results have not been effected, the data is reported but accreditation is removed. It is a requirement of our Accreditation Body for data not reported as accredited to be considered indicative only, but this does not mean the data is not valid.
Where possible, and if requested, samples will be re-extracted and a revised report issued with accredited results. Please do not hesitate to contact the laboratory if further details are required of the circumstances which have led to the removal of accreditation.
Laboratory records are kept for a period of no less than 6 years.

REPORTS FROM THE SOUTH AFRICA LABORATORY

Any method number not prefixed with SA has been undertaken in our UK laboratory unless reported as subcontracted.

Measurement Uncertainty

Measurement uncertainty defines the range of values that could reasonably be attributed to the measured quantity. This range of values has not been included within the reported results. Uncertainty expressed as a percentage can be provided upon request.

Customer Provided Information

Sample ID and depth is information provided by the customer.

Age of Diesel

The age of release estimation is based on the nC17/pristane ratio only as prescribed by Christensen and Larsen (1993) and Kaplan, Galperin, Alimi et al., (1996).
Age estimation should be treated with caution as it can be influenced by site specific factors of which the laboratory are not aware.

Tentatively Identified Compounds (TICs)

Where Tentatively Identified Compounds (TICs) are reported, up to 10 Tentatively Identified Compounds will be listed where there is found to be a greater than 80% match with the NIST library. The reported concentration is determined semi-quantitively, with a matrix specific limit of detection. Note, other compounds may be present but are not reported.

ABBREVIATIONS and ACRONYMS USED

#	ISO17025 (UKAS Ref No. 4225) accredited - UK.
SA	ISO17025 (SANAS Ref No.T0729) accredited - South Africa
B	Indicates analyte found in associated method blank.
DR	Dilution required.
M	MCERTS accredited.
NA	Not applicable
NAD	No Asbestos Detected.
ND	None Detected (usually refers to VOC and/SVOC TICs).
NDP	No Determination Possible
SS	Calibrated against a single substance
SV	Surrogate recovery outside performance criteria. This may be due to a matrix effect.
W	Results expressed on as received basis.
+	AQC failure, accreditation has been removed from this result, if appropriate, see 'Note' on previous page.
>>	Results above quantitative calibration range. The result should be considered the minimum value and is indicative only. The actual result could be significantly higher.
*	Analysis subcontracted to an Element Materials Technology approved laboratory.
CO	Suspected carry over
LOD/LOR	Limit of Detection (Limit of Reporting) in line with ISO 17025 and MCERTS
ME	Matrix Effect
NFD	No Fibres Detected
BS	AQC Sample
LB	Blank Sample
N	Client Sample
TB	Trip Blank Sample
OC	Outside Calibration Range

EMT Job No: 25/1691

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS/SANAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
PM4	Gravimetric measurement of Natural Moisture Content and % Moisture Content at either 35 degrees Celsius or 105 degrees Celsius. Calculation based on ISO 11465:1993(E) and BS1377-2:1990.	PM0	No preparation is required.			AR	
TM4	Modified USEPA 8270D v5:2014 method for the solvent extraction and determination of PAHs by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.			AR	Yes
TM4	Modified USEPA 8270D v5:2014 method for the solvent extraction and determination of PAHs by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.	Yes		AR	Yes
TM5	Modified 8015B v2:1996 method for the determination of solvent Extractable Petroleum Hydrocarbons (EPH) within the range C8-C40 by GCFID. For waters the solvent extracts dissolved phase plus a sheen if present.	PM8/PM16	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required/Fractionation into aliphatic and aromatic fractions using a Rapid Trace SPE.			AR	Yes
TM5	Modified 8015B v2:1996 method for the determination of solvent Extractable Petroleum Hydrocarbons (EPH) within the range C8-C40 by GCFID. For waters the solvent extracts dissolved phase plus a sheen if present.	PM8/PM16	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required/Fractionation into aliphatic and aromatic fractions using a Rapid Trace SPE.	Yes		AR	Yes
TM5/TM36	please refer to TM5 and TM36 for method details	PM8/PM12/PM16	please refer to PM8/PM16 and PM12 for method details			AR	Yes
TM26	Determination of phenols by Reversed Phased High Performance Liquid Chromatography and Electro-Chemical Detection.	PM21B	As Received samples are extracted in Methanol: Water (60:40) by reciprocal shaker.	Yes		AR	Yes
TM30	Determination of Trace Metals by ICP-OES (Inductively Coupled Plasma-Optical Emission Spectrometry): WATERS by Modified USEPA Method 200.7, Rev. 4.4, 1994; Modified EPA Method 6010B, Rev.2, Dec 1996; Modified BS EN ISO 11885:2009: SOILS by Modified USEP 6010B, Rev.2, Dec.1996; Modified EPA Method 3050B, Rev.2, Dec.1996	PM15	Acid digestion of dried and ground solid samples using Aqua Regia refluxed at 112.5 degrees Celsius. Samples containing asbestos are not dried and ground.			AD	Yes
TM30	Determination of Trace Metals by ICP-OES (Inductively Coupled Plasma-Optical Emission Spectrometry): WATERS by Modified USEPA Method 200.7, Rev. 4.4, 1994; Modified EPA Method 6010B, Rev.2, Dec 1996; Modified BS EN ISO 11885:2009: SOILS by Modified USEP 6010B, Rev.2, Dec.1996; Modified EPA Method 3050B, Rev.2, Dec.1996	PM15	Acid digestion of dried and ground solid samples using Aqua Regia refluxed at 112.5 degrees Celsius. Samples containing asbestos are not dried and ground.	Yes		AD	Yes
TM36	Modified US EPA method 8015B v2:1996. Determination of Gasoline Range Organics (GRO) in the carbon chain range of C4-12 by headspace GC-FID. MTBE by GCFID co-elutes with 3-methylpentane if present and therefore can give a false positive. Positive MTBE results will be re-run using GC-MS to double check, when requested.	PM12	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.			AR	Yes

APPENDIX E – IMPORT MATERIAL DOCUMENTATION

0925/336

ASH AGGREGATES

RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading: Deeside	Date: 19.9.25
Delivery To: Thornton Park Cheshire	
Customer: Beattie	
Driver's Name: Mike	Vehicle Reg. No.: [illegible]

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments: BS 3882 top soil

SIC CODE

EWC CODE

A.M. FROM	A.M. TO	P.M. FROM	P.M. TO	TRAVELLING TIME	HRS. WORKED EX. MEALTIME

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN:	CUSTOMER PRINT: DEAN	DATE:

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW [illegible]OUNTS

0925/335

ASH AGGREGATES

RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading: Road 3 DIP	Date: 19-9-25
Delivery To: CASTLEMEAD, RUABON	
Customer: DAVE COLTE	
Driver's Name: [illegible]	Vehicle Reg. No.: [illegible]

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments: TOP SOIL BS3882

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN:	CUSTOMER PRINT:	DATE:
[redacted]	[redacted]	

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

1025/804

ASH AGGREGATES

RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN:	CUSTOMER PRINT:	DATE:
[redacted]	[redacted]	

I am aware of and accept the conditions as stated overleaf on behalf of th tomer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOU

1025/305

ASH AGGREGATES

RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN:	CUSTOMER PRINT:	DATE:
[redacted]	[redacted]	

I am aware of and accept the conditions as stated overleaf on behalf of customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

1025/143

CONVEYANCE NOTE No: 278526

ASH AGGREGATES
RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	Tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN:	CUSTOMER PRINT:	DATE:
[redacted]	[redacted]	

I am aware of and accept the conditions as stated overleaf on behalf of my customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

1025/143

ASH AGGREGATES

RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500

www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

DELIVERY NOTE No: 277318

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN: [redacted] [redacted] DATE:

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

1025/143

No. 218527

ASH AGGREGATES

RECOVER | RECYCLE | REUSE

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500

www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....

V.A.T. @ .....

INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

[redacted]

CUSTOMER PRINT: [redacted]

DATE:

I am aware of and accept the conditions as stated overleaf on behalf of my customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

1025/143

ASH AGGREGATES

RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date: 14/10/25
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN:	CUSTOMER PRINT:	DATE:
[redacted]	[redacted]	14/10/25

I am aware of and accept the conditions as stated overleaf on behalf of customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

1025/194

ASH AGGREGATES

RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Deeside	3-10-25
Delivery To:	
WREXHAM PARK RUABON LL14 6EN	
Customer:	
Overcliffe	
Driver's Name:	Vehicle Reg. No.:
Nick	R23FOO

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:
65393 topsoil

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN:	CUSTOMER PRINT:	DATE:
[redacted]	[redacted]	3-10-25

I am aware of and accept the conditions as stated overleaf on behalf of th tomer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOU

1025/144

ASH AGGREGATES

RECOVER | RECYCLE | REUSE

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN:	CUSTOMER PRINT	DATE:
[redacted]	[redacted]	

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

1025/144

ASH AGGREGATES

RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Saddle	13-10-15
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN:	CUSTOMER PRINT:	DATE:
[redacted]	[redacted]	15-10-15

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCO

1120246

ASH AGGREGATES

RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E: mail.info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods .....
V.A.T @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN:	CUSTOMER PRINT:	DATE:
[redacted]	[redacted]	

I am aware of and accept the conditions as stated overleaf on behalf of the customer

WHITE CUSTOMER PINK OFFICE YELLOW / UNTS

123/246

ASH AGGREGATES

RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN:	CUSTOMER PRINT:	DATE:
[redacted]	[redacted]	

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

1125/26

ASH AGGREGATES
RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN:	CUSTOMER PRINT:	DATE:
[redacted]	[redacted]	

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

CONVEYANCE NOTE No: 267371

ASH AGGREGATES
RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN:	CUSTOMER PRINT	DATE.
[redacted]	[redacted]	

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

CONVEYANCE NOTE No: 267373

ASH AGGREGATES
RECOVER | RECYCLE | REUSE
Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN:	CUSTOMER PRINT:	DATE:
[redacted]	[redacted]	

I am aware of and accept the conditions as stated overleaf on behalf of the customer

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

CONVEYANCE NOTE No: 268057

ASH AGGREGATES
RECOVER | RECYCLE | REUSE
Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail: info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN:	CUSTOMER PRINT:	DATE:
[redacted]	[redacted]	

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

CONVEYANCE NOTE No: 268056

ASH AGGREGATES
RECOVER | RECYCLE | REUSE
Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN:	CUSTOMER PRINT:	DATE:
[redacted]	[redacted]	

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

CONVEYANCE NOTE No: 268055

ASH AGGREGATES
RECOVER | RECYCLE | REUSE
Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN:	CUSTOMER PRINT:	DATE:
[redacted]	[redacted]	

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

CONVEYANCE NOTE No: 257995

ASH AGGREGATES
RECOVER | RECYCLE | REUSE

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail: info@ash-aggregates.co.uk

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN:	CUSTOMER PRINT:	DATE:
[redacted]	[redacted]	

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

CONVEYANCE NOTE No: 265014

ASH AGGREGATES
RECOVER | RECYCLE | REUSE
Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods .....
V.A.T @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN: [redacted] [redacted] DATE:

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

CONVEYANCE NOTE No: 264297

ASH AGGREGATES
RECOVER | RECYCLE | REUSE
Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods:
V.A.T. @
INVOICE TOTAL

Description of Material/Comments:

SIC CODE
EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

[redacted] CUSTOMER PRINT [redacted] DATE:

I am aware of and accept the conditions as stated overleaf on behalf of the customer

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

CONVEYANCE NOTE No: 259629

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500

www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN: [redacted]	CUSTOMER PRINT: [redacted]	DATE:

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

CONVEYANCE NOTE No: 259630

ASH AGGREGATES
RECOVER | RECYCLE | REUSE
Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel. +44 (0)151 459 3777 Accounts Tel. 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN	CUSTOMER PRINT	DATE:
[redacted]	[redacted]	

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

CONVEYANCE NOTE No: 259631

ASH AGGREGATES
RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 683500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
VAT @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN:	CUSTOMER PRINT:	DATE:
[redacted]	[redacted]	

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

CONVEYANCE NOTE No: 259632

ASH AGGREGATES
RECOVER | RECYCLE | REUSE
Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

[redacted] CUSTOMER PRINT [redacted] DATE:

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

CONVEYANCE NOTE No: 260112

ASH AGGREGATES
RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates • Produced under a quality management scheme in accordance with the Aggregates Quality Protocol

[redacted] [redacted] DATE:

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

CONVEYANCE NOTE No: 256253

ASH AGGREGATES
RECOVER | RECYCLE | REUSE
Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy.
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

[redacted] CUSTOMER PRINT: [redacted] DATE:

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

0725/2646

CONVEYANCE NOTE No: 269866

ASH AGGREGATES

RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: _____

V.A.T. @ _____

INVOICE TOTAL _____

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN:	CUSTOMER PRINT:	DATE:

I am aware of and accept the conditions as stated overleaf on behalf of the cu...er.

0725/213

CONVEYANCE NOTE No: 271354

ASH AGGREGATES
RECOVER | RECYCLE | REUSE

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500

www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: _____

V.A.T. @ _____

INVOICE TOTAL _____

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN	CUSTOMER PRINT	DATE:
[redacted]	[redacted]	

...ate of and accept the conditions as stated overleaf on behalf of th... ...ner.

...E CUSTOMER PINK OFFICE YELLOW ACCOUNTS

07 25/199

CONVEYANCE NOTE No: 270409

ASH AGGREGATES

RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail: info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading: Deeside	Date: 14.7.25
Delivery To: Ruabon Wrexham	
Customer: D Cattle	
Driver's Name: Mike	Vehicle Reg. No.: DC25 BNZ

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: _____

V.A.T. @ _____

INVOICE TOTAL _____

Description of Material/Comments: BS 3882 top Soil

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		
7					

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN: [redacted] CUSTOMER PRINT: [redacted] DATE:

I am aware of and accept the c[illegible] mer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

0725/199

CONVEYANCE NOTE No: 270408

ASH AGGREGATES
RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods. .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

[redacted] [redacted] DATE:

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

0725/125

CONVEYANCE NOTE No: 270951

ASH AGGREGATES
RECOVER | RECYCLE | REUSE

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500

www.ash-aggregates.co.uk E-mail: info@ash-aggregates.co.uk

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods:
V.A.T. @
INVOICE TOTAL

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

[redacted] [redacted] DATE:

I am aware of and accept the conditions as stated overleaf on behalf of [redacted]

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

0725/125

CONVEYANCE NOTE No: 271051

ASH AGGREGATES
RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

[redacted] CUSTOMER PRINT [redacted] DATE:

I am aware of and accept the conditions as stated overleaf on behalf of th[redacted]

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUN[redacted]

0725/387

CONVEYANCE NOTE No: 272989

ASH AGGREGATES
RECOVER | RECYCLE | REUSE
Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods:
VAT @
INVOICE TOTAL

Description of Material/Comments:

SIC CODE
EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN: [redacted] [redacted] DATE:

I am aware of and accept the conditions as stated overleaf on behalf of customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

0725/387

CONVEYANCE NOTE No: 272988

ASH AGGREGATES
RECOVER | RECYCLE | REUSE

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500

www.ash-aggregates.co.uk E-mail info@ash-aggregates.co.uk

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE
EWC CODE

A.M		P.M		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

[redacted] [redacted] DATE

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

0825/136

CONVEYANCE NOTE No: 273199

ASH AGGREGATES
RECOVER | RECYCLE | REUSE

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	Tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

[redacted] [redacted] DATE:

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

0825/140

CONVEYANCE NOTE No: 275288

ASH AGGREGATES
RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel. 01244 663500
www.ash-aggregates.co.uk E-mail info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

[redacted]

C [redacted]

DATE:

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCO

0825/299

CONVEYANCE NOTE No: 275053

ASH AGGREGATES
RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN [redacted] [redacted] DATE:

...conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

0825/297

CONVEYANCE NOTE No: 273490

ASH AGGREGATES

RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail: info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments: Topsoil

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

[redacted] CUSTOMER PRINT: [redacted] DATE:

I am aware of and accept the conditions as stated overleaf on beh the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

0925/107

ASH AGGREGATES

RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail.info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading: DEESIDE	Date: 3/9/25
Delivery To: Wynnstay Lane Rossett	
Customer: Dave Castle	
Driver's Name: S Evans	Vehicle Reg. No.: P07LFWO

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments: TopSoil

SIC CODE

EWC CODE

A.M. FROM	A.M. TO	P.M. FROM	P.M. TO	TRAVELLING TIME	HRS. WORKED EX. MEALTIME

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

[redacted]

DATE: 3/9/25

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

0923/07

ASH AGGREGATES

RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500

www.ash-aggregates.co.uk E-mail: info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

CONVEYANCE NOTE No: 214133

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments: Top Soil

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

[redacted] [redacted] DATE:

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

CONVEYANCE NOTE No: 256254

ASH AGGREGATES
RECOVER | RECYCLE | REUSE
Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

Soil

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy.
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN:	CUSTOMER PRINT:	DATE:
[redacted]	[redacted]	

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

CONVEYANCE NOTE No. 256255

ASH AGGREGATES
RECOVER | RECYCLE | REUSE
Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

[redacted] USTOMER PRINT DATE:

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

CONVEYANCE NOTE No: 256256

ASH AGGREGATES
RECOVER | RECYCLE | REUSE
Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail: info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

[redacted] ATE:

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

CONVEYANCE NOTE No: 259624

ASH AGGREGATES
RECOVER | RECYCLE | REUSE
Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

[redacted] DATE:

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

CONVEYANCE NOTE No: 259625

ASH AGGREGATES
RECOVER | RECYCLE | REUSE
Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

CUSTOMER SIGN [redacted] DATE:

I am aware of and accept the conditions as stated overleaf on behalf of the customer

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

CONVEYANCE NOTE No: 259626

ASH AGGREGATES
RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

[redacted] DATE:

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

CONVEYANCE NOTE No: 259627

ASH AGGREGATES
RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

[redacted] ATE:

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

CONVEYANCE NOTE No: 260168

ASH AGGREGATES
RECOVER | RECYCLE | REUSE
Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail: info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date: 5.3.25
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE
EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with to the aggregates Quality Protocol

[redacted]

DATE:

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

CONVEYANCE NOTE No: 264197

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500

www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading: ASH DEESIDE	Date: 3 6 25
Delivery To: CASTLECHEAD WYNSTAY LANE WHITTON PARK RUABON	
Customer: DAVE COTTLE	
Driver's Name: IAN RATCLIFFE	Vehicle Reg. No: FP 73 CFL

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments: BS 3882 AS DUG TOP SOIL

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme ... s Quality Protocol

[redacted]

DATE:

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

CONVEYANCE NOTE No: 268240

ASH AGGREGATES
RECOVER | RECYCLE | REUSE
Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel: +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management system in accordance with the Quality Protocol

[redacted]

DATE:

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS

CONVEYANCE NOTE No: 265045

ASH AGGREGATES
RECOVER | RECYCLE | REUSE

Shellway Road, Ellesmere Port CH65 4LZ
Sales Tel. +44 (0)151 459 3777 Accounts Tel: 01244 663500
www.ash-aggregates.co.uk E-mail:info@ash-aggregates.co.uk

VAT Reg. No. 303 2580 43 Company Reg. No. 11024210
Carrier Licence No. CBDU353126

Washed Recycled Aggregates • Virgin Aggregates • Top Soil • Rock Salt
Muck Shift • Skip Hire • Roll on Roll off Hire • Tipping Facilities

Place of Loading:	Date:
Delivery To:	
Customer:	
Driver's Name:	Vehicle Reg. No.:

	tonnes	Kg
GROSS		
TARE		
NET		

Goods: .....
V.A.T. @ .....
INVOICE TOTAL .....

Description of Material/Comments:

SIC CODE

EWC CODE

A.M.		P.M.		TRAVELLING TIME	HRS. WORKED EX. MEALTIME
FROM	TO	FROM	TO		

Waste - By signing this ticket I confirm that I have fulfilled my duty to apply the waste hierarchy
Aggregates - Produced under a quality management scheme in accordance with the ... Quality Protocol

[redacted]

DATE:

I am aware of and accept the conditions as stated overleaf on behalf of the customer.

WHITE CUSTOMER PINK OFFICE YELLOW ACCOUNTS