Verification Report

Client: Lidl Great Britain Ltd

Lidl Ruislip Victoria Road Car Park

Report No: 952.04.01

February 2025

REMADA GEO CONSULTANTS

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Issue No	Date	Prepared By	Technical Review	Authorised
01	11.02.2025	P Searing	G Jones	G Jones

1. INTRODUCTION

Remada Ltd was appointed by Lidl Great Britain Ltd, 'the client' to prepare a Verification Report for the implementation of remediation works for a proposed extension of the existing car park and the demolition of an existing *Bensons for Beds* store at Victoria Road, Ruislip, HA4 0QQ.

1.1 Objectives

The objective of this assessment is to verify that the remediation works were implemented in general accordance with the approved Remediation Statement to discharge Condition No 8 of Hillingdon Borough Council's Planning Permission 5039/APP/2020/1339.

1.2 Scope of Work

The scope and layout of this document has been designed in mind of the Environment Agency's Land Contamination Risk Management guidance for land contamination reports.

The scope of work implemented by the Principal Contractor, 2MS Construction Ltd, on behalf of Lidl Great Britain comprised:

- demolish the existing Bensons for Beds building;
- breakout former floor slabs and relic foundations;
- turn over Made Ground to remove obstructions;
- crush site-won concrete for reuse;
- regrade site and compact Made Ground/6F2;
- form landscape to reconstructed customer car park.

Remada was appointed to:

- attend site during the site enabling works;
- sample stockpiled 6F2 that had been retained on site for re-use; and to
- prepare the Remediation Verification Report

1.3 Previous Reports

The following reports were previously prepared for the site:

- Phase 1 Site Investigation & Preliminary Risk Assessment, Lidl Victoria Road Ruislip, 952.01, February 2022.
- Remediation Strategy, Lidl Victoria Road Ruislip, Remada Ltd, 952.02, February 2022.
- Phase II Ground Investigation Report, Lidl Ruislip Victoria Road Car Park, Remada Ltd, 952.03, November 2024.

The following reports were previously prepared for the wider store area:

- Phase 1 Preliminary Geoenvironmental Risk Assessment, Proposed Lidl Store, Victoria Road, Ruislip, Remada 276.01 November 2013.
- Phase 2 Geoenvironmental Ground Investigation, Proposed Lidl Store, Victoria Road, Ruislip, Remada 276.02r1 August 2014.
- Lidl Ruislip, Investigation at Former Comet Store, Letter Report 276.03 14th March 2016.

1.4 Limitations

The comments given in this report and the opinions expressed are based on the information reviewed and observations during site work. However, there may be conditions pertaining to the site that have not been disclosed by this assessment and therefore could not be taken into account.

2. GENERAL SITE CHARACTERISTICS

2.1 Site Description

The photographs below record the site in October 2024 after the demolition of the Benson for Beds store.

Photo 1: Looking north along the western site boundary from the site's southwest corner.

Photo 2: Looking northeast across the site from the southwest corner.

Photo 3: Stockpiles of material from the demolition of the onsite building.

Photo 4: View looking along the northern site boundary.

2.2 Post Demolition Ground Investigation Findings

Ground Conditions

Remada's Phase 2 Ground Investigation states that a variable thickness of granular ground between 0.6 and 0.9m in thickness was encountered beneath the site. The ground contained fragments of brick, concrete, metal, slate, plastic, and flint, with cobbles of brick and concrete.

Bedrock associated with the London Clay Formation was encountered directly below the Made Ground and comprised variably of a form to stiff, slightly sandy, silty clay, a firm sandy silt, a very soft, slightly gravelly sandy silt or stiff silty clay. within all exploratory hole locations at depths of 1.30-2.10m bgl comprising stiff silty clay. Rare selenite crystals were observed within trial pits TP03 and TP04. The

London Clay Formation was encountered too the base of all exploratory hole locations to a maximum depth of 2.50m bgl

Human Health Risk Assessment

With respect to an assessment of the risks to human health the report states that *'Asbestos has been identified within all exploratory holes. However, no risk to human health exists as the entire site area shall be covered in hard standing, which shall block any pathway.*

Controlled Waters Risk Assessment

The report states that with respect to water resource receptors, *'The results of the soil chemical analysis undertaken have identified that concentrations of metals and inorganic contaminants are within the range typical for made ground. Detectable concentrations of TPH and PAHs were encountered in all samples. However, the contaminants identified are of low solubility and mobility and, as such, are unlikely to present a risk to groundwater beneath the site. In addition, it should be noted that the site will be covered with hardstanding. Therefore, the risk of leaching of contaminants as a result of infiltration of groundwater is likely to be limited. In addition, the underlying soils are cohesive, which will further limit the migration of contaminants, and the bedrock is recorded as an Unproductive Strata. Therefore, the risk to groundwater from contaminants within the made ground at the site is considered to be low and does not warrant further consideration'.*

Hazardous Waste Assessment

The chemical analysis results indicate that the material would be classified as hazardous waste due to the presence of elevated asbestos fibres.

Ground Gas Risk Assessment

As the proposed site is an open-air car park, there is no ground gas risk.

2.3 Remediation Strategy Requirements

Environmental and geotechnical remediation requirements are summarised below:

Environmental Remediation Objectives

The principal environmental remediation objectives are to remove the identified environmental liabilities in order to discharge planning condition CN8 by:

- Identify, manage and assess unforeseen contamination;
- Gather soil samples for confirmatory chemical testing; and
- Construct hard–cover surfacing beneath the car park

Geotechnical Remediation Objectives

The principal geotechnical remediation objectives are to:

- Demolish existing Bensons For Beds store;
- Partially remove relic foundations to formation levels;
- Excavate, screen and replace existing made ground material beneath the existing Bensons For Beds store as engineered fill below the proposed car park; and
- Crush, screen and emplace existing demolition rubble for re-use as engineered fill.

2.4 Pre-Remediation Conceptual Site Model

The pre-remediation Conceptual Site Model has been reproduced below:

Potential Source Areas	Potential Contaminant of Concern	Pathways	Potential Receptor	Exposure Route (Human unless otherwise stated)	Potential Identified Linkage (unmitigated)	Findings of Ground Investigation	Risk (Un-mitigated)	Proposed Remediation (Mitigation) Measures	Residual Risk Estimation
<u>On-site Sources</u> **Made ground** **Metallising works** **Engineering works** **Operation as Lidl store, Benson for Beds and car parking** <u>Off-site Sources</u> **Engineering works** **Blue Star Garage** **Copper tubing depot/warehouse** **Metallising works** **Victoria Road industrial estate**	Asbestos / Metals As, Be, Cd, Cu, Cr (VI), Cr (III) Hg, Ni, Se, Va, Zn, *Boron, TPH /PAH, hazardous ground gases (carbon dioxide and methane)*	Disturbance due to construction plant causing direct contact, dust, and vapours. Direct Contact with occupants of the proposed development Inhalation of fibres/vapours/gases by occupants of proposed development Permeation of water supply pipework Leachate	Occupants of the development/building fabric Adjacent residents during construction Roxbourne River	Direct Soil Ingestion	N/A for commercial land	N/A for commercial land	N/A for commercial land	N/A for commercial land	N/A for commercial land
				Indoor Dust ingestion	No	<GAC, except Asbestos fibres	Negligible	The site will be surfaced as a car park	Negligible
				Skin Contact with Soils	No		Negligible		Negligible
				Skin Contact with Dust	No		Negligible		Negligible
				Inhalation of Outdoor Dust	No		Negligible		Negligible
				Inhalation of Outdoor Vapours	No		Negligible		Negligible
				Inhalation of Indoor Vapours	No		Negligible		Negligible
				Inhalation of ground gas	No		Negligible		Negligible
				Inhalation of radon gas	No		Negligible		Negligible
				Ingestion via permeated water supply pipework	No		Negligible		Negligible
				Migration in groundwater to Roxbourne River	No		Negligible		Negligible

Table 1: Pre-remediation Conceptual Site Mode

3. REMEDIATION ACTIVITIES

3.1 Overview

The remediation and site preparation works commenced in November 2024, with the breaking out and crushing of existing floor slabs and paving and the installation of attenuation tanks, as recorded in the photos below, on 7 November.

	
Photo 5: View towards the east with the site levelled and crushed concrete stockpiled in the south of the site.	**Photo 6:** View towards the southeast with floor slab having been removed and the site levelled, and a concrete crusher to the rear with stockpiles of crushed concrete.

3.2 Re-use of Site Won Concrete

All brick and concrete rubble, ground-floor concrete slabs, and building foundations were excavated and crushed to produce site-won 6F2/6F5 capping material. One large stockpile was formed on the site. The results of the 6F2/6F5 chemical analyses are presented in **Appendix A**, while the geotechnical testing results are presented in **Appendix B**.

3.3 Topsoil

2MS has advised Remada that approximately 60m^3 of topsoil were imported to form the proposed landscape zones. 2MS provided the test results in **Appendix C** to confirm that the topsoil conforms with the BS3882 multipurpose grade.

Remada obtained three (3 No.) topsoil samples for chemical analysis from the locations indicated in **Figure 1** on 28th January 2025. The results of the topsoil chemical analyses are presented in **Appendix D.**

Above left, Photo 7: Topsoil placed behind the substation. Location of Sample TS1.

Above right, Photo 8: Topsoil placed at site entrance from Stonefield Way. Location of Sample TS2.

Left, Photo 9: Topsoil placed in the southern, eastern corner of the carpark. Location of TS3.

(All photos 28.01.25)

3.6 Unforeseen Contamination

There were no visible or olfactory indicators of unforeseen contamination during the works.

4. SOIL & GROUNDWATER SAMPLING & ANALYSIS

4.1 Sample Quality Assurance / Quality Control

Samples for chemical laboratory testing were collected in amber glass jars, amber glass vials and plastic tubs and retained in a cool box for transport to the laboratory. Containers for volatile analysis were filled so that minimal (soil) air space remained before sealing the container. Samples for geotechnical testing were collected in large plastic bulk bags fastened with a cable tie. All samples were submitted to an approved United Kingdom Accredited Laboratory (UKAS) and MCERTS laboratory under a completed chain of custody. The laboratory carried out its own QA/QC programme to ensure that the quality of the analytical data conformed to the appropriate test method protocols.

4.2 Soil Verification Samples

Two (2 No) soil samples were taken from the stockpile of crushed concrete on 07.11.24, and three (3 No) samples of stockpiled imported topsoil were taken on 28.01.25. To ensure consistency with the site investigation analyses, the sample was scheduled for the same organic and inorganic contaminants as the ground investigation and as reproduced in the Remediation Strategy.

5. RISK ASSESSMENT

The upper limits for general fill produced from the excavation and processing of relict foundations and associated Made Ground were limited to the LQM/CIEH S4ULs for Commercial Land Use, as presented in the Remediation Strategy and reproduced in **Table 2** below.

5.1 Made Ground

The Phase 2 Ground Investigation, Remediation Strategy and Pre-Remediation Conceptual Model did not identify a need to remediate made ground. However, Asbestos was encountered in amounts that would classify it as hazardous waste were it to leave the site.

5.2 Site Won Crushed Concrete

The site won demolition concrete was visibly free of deleterious materials before crushing for re-use. Subsequent testing of the material showed that the concentrations of potential contaminants of concern within the site won topsoil did not exceed the Generic Assessment Criteria (GAC) for a commercial development, as presented in **Table 2** below.

5.3 Topsoil

The concentrations of potential contaminants of concern reported in the chemical analyses of imported topsoil did not exceed the GAC in **Table 2** below.

CLEA Category	Commercial			
Contaminant	mg/kg 1% SOM	mg/kg 2.5% SOM	mg/kg 6% SOM	Reference
Antimony	7500	7500	7500	EIC/AGS/CL:AIRE 2010
Arsenic	640	640	640	LQM/CIEH S4UL
Barium	22000	22000	22000	EIC/AGS/CL:AIRE 2010
Beryllium	12	12	12	LQM/CIEH S4UL
Boron	240000	240000	240000	LQM/CIEH S4UL
Cadmium	190	190	190	LQM/CIEH S4UL
Chromium III	8600	8600	8600	LQM/CIEH S4UL
Chromium VI	33	33	33	LQM/CIEH S4UL
Copper	68000	68000	68000	LQM/CIEH S4UL
Mercury (Elemental Hg 4)	58^{vap} (25.8)	58^{vap} (25.8)	58^{vap} (25.8)	LQM/CIEH S4UL
Mercury (Inorganic Hg 2^{+})	1100	1100	1100	LQM/CIEH S4UL
Mercury (Methyl 4^{+})	320	320	320	LQM/CIEH S4UL
Molybdenum	18000	18000	18000	EIC/AGS/CL:AIRE 2010
Nickel	980	980	980	LQM/CIEH S4UL
Lead	NC	NC	2300	DEFRA C4SL
Selenium	12000	12000	12000	LQM/CIEH S4UL
Vanadium	9000	9000	9000	LQM/CIEH S4UL
Zinc	730000	730000	730000	LQM/CIEH S4UL
BTEX				
Benzene	27	47	90	LQM/CIEH S4UL
Toluene	56000^{vap} (869)	110000^{vap} (1920)	180000^{vap} (4360)	LQM/CIEH S4UL
Ethylbenzene	5700^{vap} (518)	13000^{vap} (1220)	27000^{vap} (2840)	LQM/CIEH S4UL
O-Xylene	6600^{sol} (478)	15000^{sol} (1120)	33000^{sol} (2620)	LQM/CIEH S4UL
M-Xylene	6200^{vap} (625)	14000^{vap} (1470)	31000^{vap} (3460)	LQM/CIEH S4UL
P-Xylene	5900^{sol} (576)	14000^{sol} (1350)	30000^{sol} (3170)	LQM/CIEH S4UL
TPH Aliphatics				
EC5-EC6	3200^{sol} (304)	5900^{sol} (558)	12000^{sol} (1150)	LQM/CIEH S4UL
>EC6-EC8	7800^{sol} (144)	17000^{sol} (322)	40000^{sol} (736)	LQM/CIEH S4UL
>EC8-EC10	2000^{sol} (78)	4800^{vap} (190)	11000^{vap} (451)	LQM/CIEH S4UL
>EC10-EC12	9700^{sol} (48)	23000^{vap} (118)	47000^{vap} (283)	LQM/CIEH S4UL
>EC12-EC16	59000^{sol} (24)	82000^{sol} (59)	90000^{sol} (142)	LQM/CIEH S4UL
>EC16-EC35	1600000	1700000	1800000	LQM/CIEH S4UL
>EC35-EC44	1600000	1700000	1800000	LQM/CIEH S4UL
>EC44-EC70 (ali+aro)	28000	28000	28000	LQM/CIEH S4UL
TPH Aromatics				
EC5-EC7 (Benzene)	26000^{sol} (1220)	46000^{sol} (2260)	86000^{sol} (4710)	LQM/CIEH S4UL
>EC7-EC8 (Toluene)	56000^{vap} (869)	110000^{sol} (1920)	180000^{vap} (4360)	LQM/CIEH S4UL
>EC8-EC10	3500^{vap} (613)	8100^{vap} (1500)	17000^{vap} (3580)	LQM/CIEH S4UL
>EC10-EC12	16000^{sol} (364)	28000^{sol} (899)	34000^{sol} (2150)	LQM/CIEH S4UL
>EC12-EC16	36000^{sol} (169)	37000	38000	LQM/CIEH S4UL
>EC16-EC21	28000	28000	28000	LQM/CIEH S4UL
>EC21-EC35	28000	28000	28000	LQM/CIEH S4UL
>EC35-EC44	28000	28000	28000	LQM/CIEH S4UL
>EC44-EC70 (ali+aro)	28000	28000	28000	LQM/CIEH S4UL
PAH				LQM/CIEH S4UL
Naphthalene	190^{sol} (76.4)	460^{sol} (183)	1100^{sol} (432)	LQM/CIEH S4UL
Acenaphthylene	83000^{sol} (86.1)	97000^{sol} (212)	100000	LQM/CIEH S4UL
Acenaphthene	84000^{sol} (57)	97000^{sol} (141)	100000	LQM/CIEH S4UL
Fluorene	63000^{sol} (30.9)	68000	71000	LQM/CIEH S4UL
Phenanthrene	22000	22000	23000	LQM/CIEH S4UL
Anthracene	520000	540000	540000	LQM/CIEH S4UL
Fluoranthene	23000	23000	23000	LQM/CIEH S4UL
Pyrene	54000	54000	54000	LQM/CIEH S4UL
Benzo(a)anthracene	170	170	180	LQM/CIEH S4UL
Chrysene	350	350	350	LQM/CIEH S4UL
Benzo(b)fluoranthene	44	45	45	LQM/CIEH S4UL
Benzo(k)fluoranthene	1200	1200	1200	LQM/CIEH S4UL
Benzo(a)pyrene[(1)]	35	35	36	LQM/CIEH S4UL
Indeno(1,2,3-c,d)pyrene	500	510	510	LQM/CIEH S4UL
Dibenzo(a,h)anthracene	3.5	3.6	3.6	LQM/CIEH S4UL
Benzo(g,h,i)perylene	3900	4000	4000	LQM/CIEH S4UL
Coal Tar[(1)]	15	15	15	LQM/CIEH S4UL

NC: No published criteria

vap: Screening criteria presented exceed the vapour saturation limit, which is presented in brackets.

sol: Screening criteria presented exceed the solubility saturation limit, which is presented in brackets.

dir: Screening criteria based on threshold protective of direct skin contact (guideline in brackets based on health effects following long term exposure provided for illustration only).

(1): For assessment based on the use of the surrogate marker approach the GAC for Coal Tar must be used instead of benzo(a)pyrene.

Table 2: Generic Assessment Criteria

5.4 Post Remediation Conceptual Site Model

On completion of the site remediation, and enabling works the following Post Remediation Conceptual Site Model is considered appropriate.

Potential Source Areas	Potential Contaminant of Concern	Pathways	Potential Receptor	Exposure Route (Human unless otherwise stated)	Potential Identified Linkage (unmitigated)	Findings of Ground Investigation	Risk (Un-mitigated)	Proposed Remediation (Mitigation) Measures	Residual Risk Estimation
On-site Sources **Made ground** **Metallising works** **Engineering works** **Operation as Lidl store, Benson for Beds and car parking** **Off-site Sources** **Engineering works** **Blue Star Garage** **Copper tubing depot/warehouse** **Metallising works** **Victoria Road industrial estate**	Asbestos / Metals As, Be, Cd, Cu, Cr (VI), Cr (III) Hg, Ni, Se, Va, Zn, *Boron, TPH /PAH, hazardous ground gases (carbon dioxide and methane)*	Disturbance due to construction plant causing direct contact, dust, and vapours. Direct Contact with occupants of the proposed development Inhalation of fibres/vapours/gases by occupants of proposed development Permeation of water supply pipework Leachate	Occupants of the development/ building fabric Adjacent residents during construction Roxbourne River	Direct Soil Ingestion	N/A for commercial land	N/A for commercial land	N/A for commercial land	N/A for commercial land	N/A for commercial land
				Indoor Dust ingestion	No	<GAC, except Asbestos fibres	Negligible	The site will be surfaced as a car park	Negligible
				Skin Contact with Soils	No		Negligible		Negligible
				Skin Contact with Dust	No		Negligible		Negligible
				Inhalation of Outdoor Dust	No		Negligible		Negligible
				Inhalation of Outdoor Vapours	No		Negligible		Negligible
				Inhalation of Indoor Vapours	No		Negligible		Negligible
				Inhalation of ground gas	No		Negligible		Negligible
				Inhalation of radon gas	No		Negligible		Negligible
				Ingestion via permeated water supply pipework	No		Negligible		Negligible
				Migration in groundwater to Roxbourne River	No		Negligible		Negligible

Table 3: Post Remediation Conceptual Site Model

6. WASTE DISPOSAL RECORDS

The following wastes were removed from site:

Soils

1 load of hazardous waste 17.05.03, containing visible boned asbestos was removed by Springbridge Direct LTD to Provectus Ltd, B65 9BT. The Waste Consignment Note is presented in **Appendix E.**

An inventory of all soil waste disposal and imported aggregates is presented at **Appendix F.**

Liquids

No liquids or waste waters were encountered during construction and consequently, there are no consignment or transfer notes to append to this report.

REFERENCES & GUIDANCE

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UKWIR, Guidance for the Selection of Water Supply Pipes to be Used in Brownfield Sites. 2011

STUDY LIMITATIONS

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

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

2. This report has been prepared for the sole benefit of the Client unless agreed otherwise in writing.

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

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

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

6. Whilst this report and the opinions made are to the best of Remada' belief, Remada cannot guarantee the accuracy or completeness of any information provided by third parties.

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

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

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

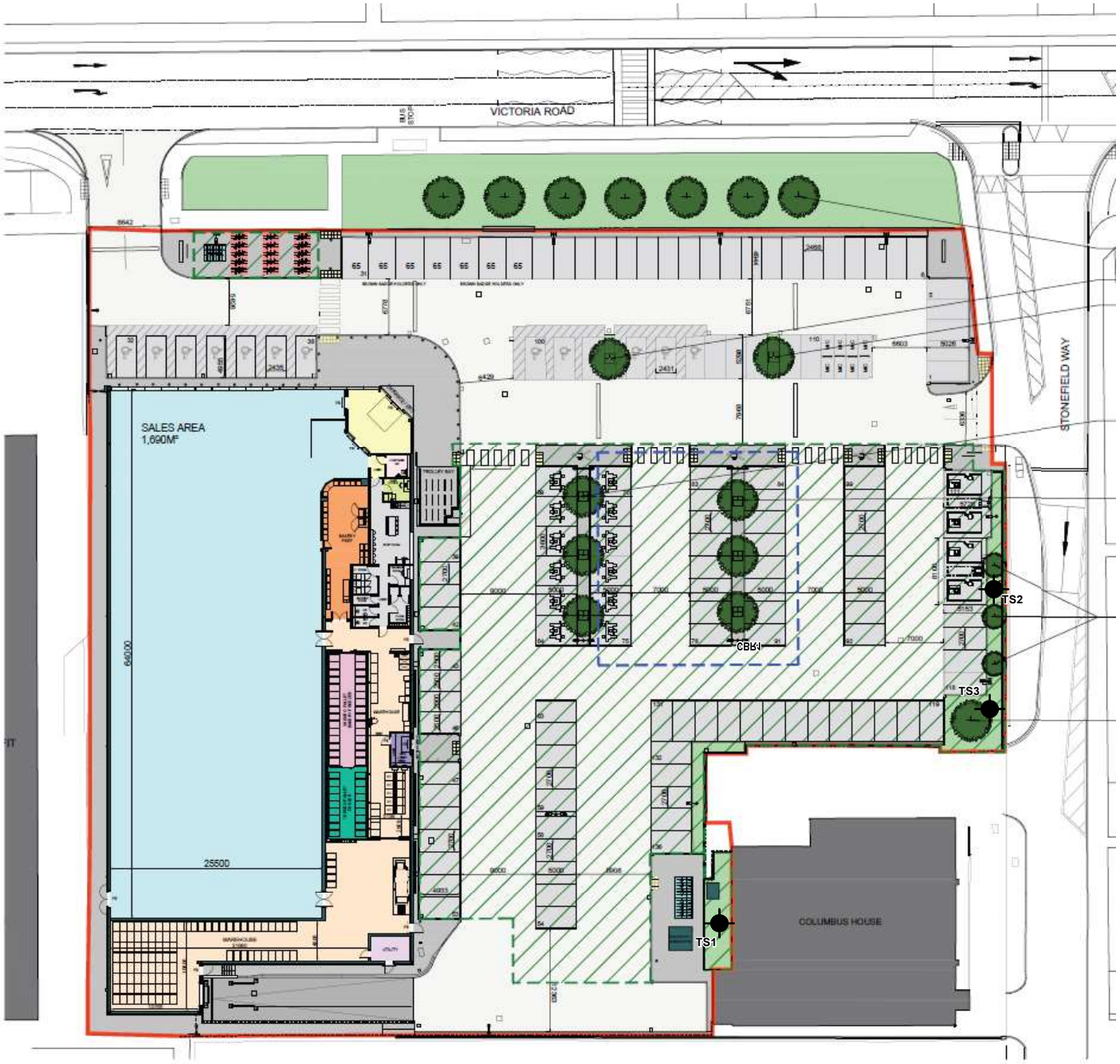
10. Where intrusive investigation techniques have been employed they have been designed to provide a reasonable level of assurance on the conditions. Given the discrete nature of sampling, no investigation technique is capable of identifying all conditions present in all areas. In some cases the investigation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

11. If below ground intrusive investigations have been conducted as part of the scope, service tracing for safe location of exploratory holes has been carried out. The location of underground services shown on any drawing in this report has been determined by visual observations and electromagnetic techniques. No guarantee can be given that all services have been identified. Additional services, structures or other below ground obstructions, not indicated on the drawing, may be present on site.

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

13. Unless otherwise stated, samples from the site (soil, groundwater, building fabric or other samples) have NOT been analysed or assessed for waste classification purposes.

FIGURE



Legend

TS1 Topsoil Sample Location

Notes

Soft landscapeing plan reproduced from KLH Architects drawing no: 4908-0109

Revision	Approved	Date

Project Title
Lidl Ruislip Victoria Road Car Park

Drawing Title
Topsoil Sampling Locations

Client
Lidl Great Britain Ltd

Scale	Drawn	Size
as shown	PS	A4
Date	Job No.	Figure No.
07.02.25	952.04	01

REMADA GEO CONSULTANTS

APPENDIX A
SITE WON CRUSHED CONCRETE CHEMICAL ANALYSES

Remada Ltd
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i2 Analytical Ltd.
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t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

Analytical Report Number : 24-052770

Project / Site name:	Lidl Ruislip	**Samples received on:**	08/11/2024
Your job number:	952 04	**Samples instructed on/ Analysis started on:**	11/11/2024
Your order number:	952 04	**Analysis completed by:**	18/11/2024
Report Issue Number:	1	**Report issued on:**	19/11/2024
Samples Analysed:	2 soil samples		

Signed:

Dominika Liana
Junior Reporting Specialist
For & on behalf of i2 Analytical Ltd.

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

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

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

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

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Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement.
Application of uncertainty of measurement would provide a range within which the true result lies.
An estimate of measurement uncertainty can be provided on request.

Analytical Report Number: 24-052770
Project / Site name: Lidl Ruislip
Your Order No: 952 04

Lab Sample Number				373792	373793
Sample Reference				SP1	SP2
Sample Number				None Supplied	None Supplied
Depth (m)				None Supplied	None Supplied
Date Sampled				07/11/2024	07/11/2024
Time Taken				None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Test Limit of detection**	**Test Accreditation Status**		
Stone Content	%	0.1	NONE	45.8	51.8
Moisture Content	%	0.01	NONE	6.2	6.9
Total mass of sample received	kg	0.1	NONE	1.3	1.3

Asbestos

Asbestos in Soil Detected/Not Detected	Type	N/A	ISO 17025	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	MWI	MWI

General Inorganics

pH (L099)	pH Units	N/A	MCERTS	12.1	11.9
Total Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0
Fraction Organic Carbon (FOC) Automated	N/A	0.001	MCERTS	0.0057	0.0056

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.06	0.09
Fluorene	mg/kg	0.05	MCERTS	< 0.05	0.07
Phenanthrene	mg/kg	0.05	MCERTS	1.2	1.3
Anthracene	mg/kg	0.05	MCERTS	0.26	0.32
Fluoranthene	mg/kg	0.05	MCERTS	1.9	2.2
Pyrene	mg/kg	0.05	MCERTS	1.7	2
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.87	0.93
Chrysene	mg/kg	0.05	MCERTS	0.84	0.98
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	1	1.1
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.38	0.47
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.79	0.88
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.45	0.48
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.12	0.13
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.51	0.53

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	10.2	11.4

Analytical Report Number: 24-052770
Project / Site name: Lidl Ruislip
Your Order No: 952 04

Lab Sample Number				373792	373793
Sample Reference				SP1	SP2
Sample Number				None Supplied	None Supplied
Depth (m)				None Supplied	None Supplied
Date Sampled				07/11/2024	07/11/2024
Time Taken				None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Test Limit of detection**	**Test Accreditation Status**		
Heavy Metals / Metalloids					
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	8.7	7.7
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.45	0.52
Boron (water soluble)	mg/kg	0.2	MCERTS	1.1	0.7
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.3	0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	19	20
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	20	20
Copper (aqua regia extractable)	mg/kg	1	MCERTS	13	23
Lead (aqua regia extractable)	mg/kg	1	MCERTS	25	32
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	13	15
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	34	36
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	52	110
Petroleum Hydrocarbons					
TPHCWG - Aliphatic >EC5 - EC6 HS_1D_AL	mg/kg	0.01	MCERTS	< 0.010	< 0.010
TPHCWG - Aliphatic >EC6 - EC8 HS_1D_AL	mg/kg	0.01	MCERTS	< 0.010	< 0.010
TPHCWG - Aliphatic >EC8 - EC10 HS_1D_AL	mg/kg	0.01	MCERTS	< 0.010	< 0.010
TPHCWG - Aliphatic >EC10 - EC12 EH_CU_1D_AL	mg/kg	1	MCERTS	< 1.0	< 1.0
TPHCWG - Aliphatic >EC12 - EC16 EH_CU_1D_AL	mg/kg	2	MCERTS	2.7	11
TPHCWG - Aliphatic >EC16 - EC21 EH_CU_1D_AL	mg/kg	8	MCERTS	< 8.0	< 8.0
TPHCWG - Aliphatic >EC21 - EC35 EH_CU_1D_AL	mg/kg	8	MCERTS	35	39
TPHCWG - Aliphatic >EC5 - EC35 EH_CU+HS_1D_AL	mg/kg	10	NONE	38	51
TPHCWG - Aromatic >EC5 - EC7 HS_1D_AR	mg/kg	0.01	MCERTS	< 0.010	< 0.010
TPHCWG - Aromatic >EC7 - EC8 HS_1D_AR	mg/kg	0.01	MCERTS	< 0.010	< 0.010
TPHCWG - Aromatic >EC8 - EC10 HS_1D_AR	mg/kg	0.02	MCERTS	< 0.020	< 0.020
TPHCWG - Aromatic >EC10 - EC12 EH_CU_1D_AR	mg/kg	1	MCERTS	< 1.0	< 1.0
TPHCWG - Aromatic >EC12 - EC16 EH_CU_1D_AR	mg/kg	2	MCERTS	< 2.0	< 2.0
TPHCWG - Aromatic >EC16 - EC21 EH_CU_1D_AR	mg/kg	10	MCERTS	10	< 10
TPHCWG - Aromatic >EC21 - EC35 EH_CU_1D_AR	mg/kg	10	MCERTS	32	19
TPHCWG - Aromatic >EC5 - EC35 EH_CU+HS_1D_AR	mg/kg	10	NONE	42	19
VOCs					
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	MCERTS	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0
p & m-Xylene	µg/kg	8	MCERTS	< 8.0	< 8.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number : 24-052770
Project / Site name: Lidl Ruislip

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
373792	SP1	None Supplied	None Supplied	Brown sand with gravel and rubble
373793	SP2	None Supplied	None Supplied	Brown sand with gravel and rubble

Analytical Report Number : 24-052770
Project / Site name: Lidl Ruislip

Water matrix abbreviations:
Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Asbestos identification in Soil	Asbestos Identification with the use of polarised light microscopy in conjunction with dispersion staining techniques	In-house method based on HSG 248, 2021	A001B	D	ISO 17025
Moisture Content	Moisture content, determined gravimetrically (up to 30°C)	In-house method	L019B	W	NONE
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight	In-house method based on British Standard Methods and MCERTS requirements.	L019B	D	NONE
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil	L038B	D	MCERTS
Boron, water soluble, in soil	Determination of water soluble boron in soil by hot water extract followed by ICP-OES	In-house method based on Second Site Properties version 3	L038B	D	MCERTS
Speciated PAHs and/or Semi-volatile organic compounds in soil	Determination of semi-volatile organic compounds (including PAH) in soil by extraction in dichloromethane and hexane followed by GC-MS	In-house method based on USEPA 8270	L064B	D	MCERTS
TPH Chromatogram in soil	TPH Chromatogram in soil	In-house method	L064B	D	NONE
BTEX and/or Volatile organic compounds in soil	Determination of volatile organic compounds in soil by headspace GC-MS	In-house method based on USEPA 8260	L073B	W	MCERTS
Total petroleum hydrocarbons with carbon banding by GC-FID/GC-MS HS in soil	Determination of total petroleum hydrocarbons in soil by GC-FID/GC-MS HS with carbon banding aliphatic and aromatic	In-house method	L076B/L088-PL	D/W	MCERTS
Chromium III in soil	In-house method by calculation from total Cr and Cr VI	In-house method by calculation	L080-PL/L130B	W	NONE
Hexavalent chromium in soil	Determination of hexavalent chromium in soil by extraction in NaOH and addition of 1,5 diphenylcarbazide followed by colorimetry	In-house method	L080-PL	W	MCERTS
Monohydric phenols in soil	Determination of phenols in soil by extraction with sodium hydroxide followed by distillation followed by colorimetry	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L080-PL	W	MCERTS
Total cyanide in soil	Determination of total cyanide by distillation followed by colorimetry	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L080-PL	W	MCERTS
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement	In-house method	L099-PL	D	MCERTS

Analytical Report Number : 24-052770
Project / Site name: Lidl Ruislip

Water matrix abbreviations:
Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Fraction Organic Carbon FOC Automated	Determination of fraction of organic carbon in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate	In-house method	L009B	D	MCERTS

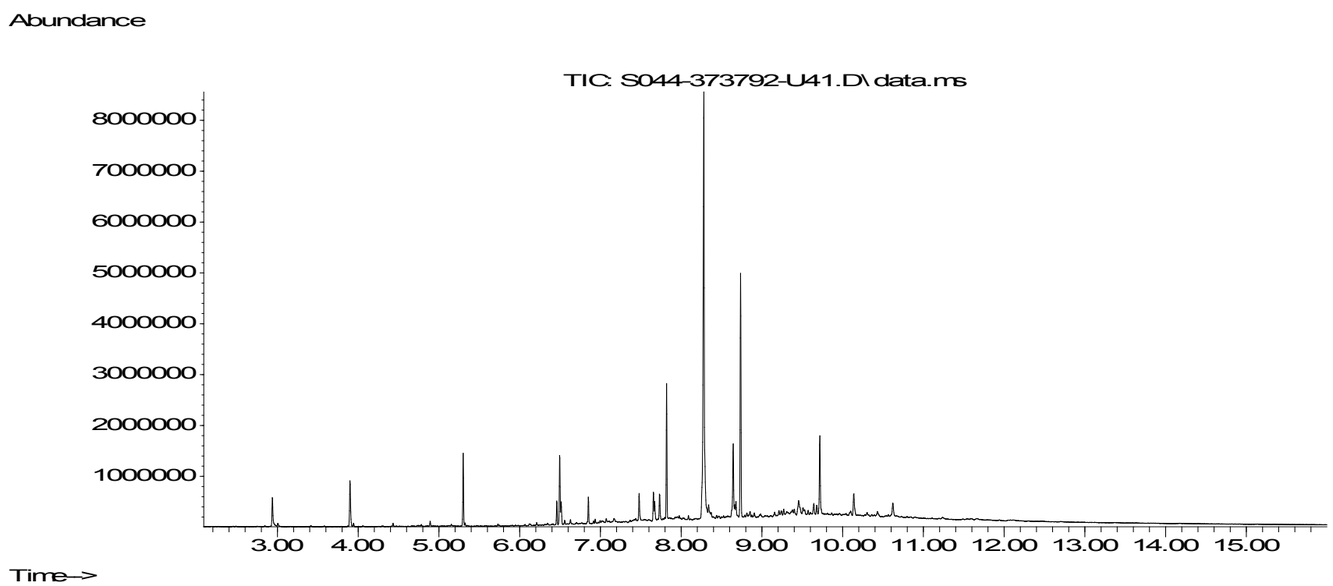
For method numbers ending in 'UK' or 'A' analysis have been carried out in our laboratory in the United Kingdom (Watford).
For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).
For method numbers ending in 'PL' or 'B' analysis have been carried out in our laboratory in Poland.
Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.
Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

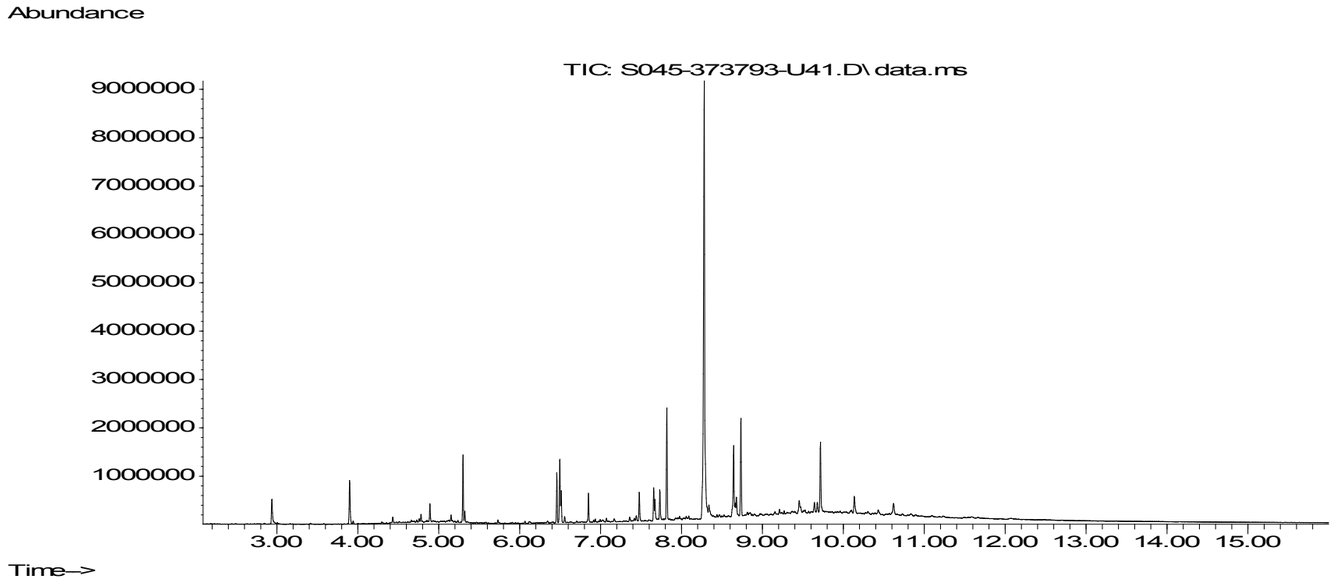
Information in Support of Analytical Results

List of HWOL Acronyms and Operators

Acronym	Descriptions
HS	Headspace Analysis
MS	Mass spectrometry
FID	Flame Ionisation Detector
GC	Gas Chromatography
EH	Extractable Hydrocarbons (i.e. everything extracted by the solvent(s))
CU	Clean-up - e.g. by Florisil®, silica gel
1D	GC - Single coil/column gas chromatography
2D	GC-GC - Double coil/column gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics
AR	Aromatics
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_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

Quality control parameter failure associated with individual result applies to calculated sum of individuals.
The result for sum should be interpreted with caution





APPENDIX B

SITE WON CRUSHED CONCRETE GEOTECHNICAL ANALYSES

Laboratory Report

UKAS TESTING 2788

GSTL
GEOTECHNICAL SITE & TESTING LABORATORIES
A PHENNA GROUP COMPANY

Contract Number: 75879

Client Ref: **952.04**
Client PO: **952.04**

Date Received: **15-11-2024**
Date Completed: **20-11-2024**
Report Date: **20-11-2024**

Client: **Remada Limited**

This report has been checked and approved by:

Contract Title: **Lidl Ruislip Victoria Road Car Park**
For the attention of: **Info**

Brendan Evans
Office Administrator

Description	Qty
Particle Size Distribution BS EN ISO 17892-4 : 5.1 - * UKAS	2
Disposal of samples for job	1

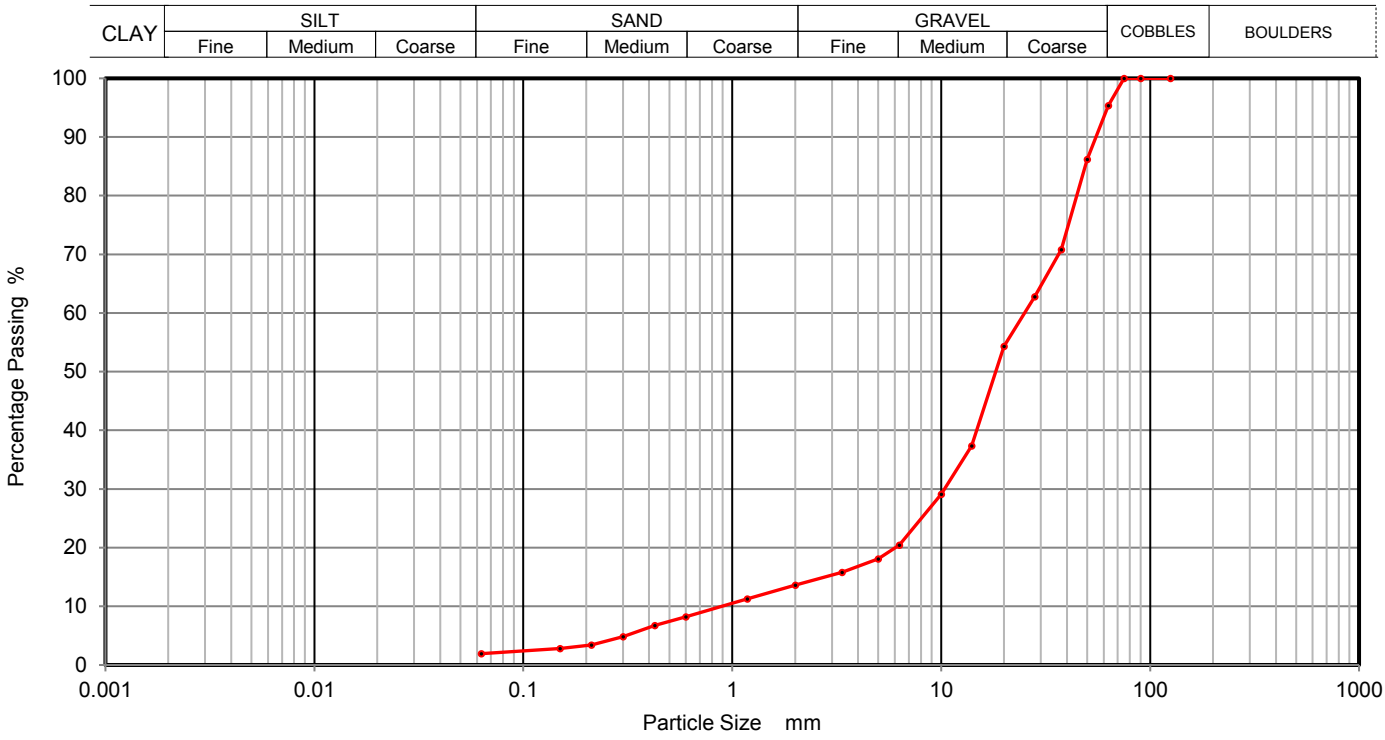
Notes: **Observations and Interpretations are outside the UKAS Accreditation**
*** - denotes test included in laboratory scope of accreditation**
 # - denotes test carried out by approved contractor
@ - denotes non accredited tests

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This test report/certificate shall not be reproduced except in full, without the approval of GEO Site & Testing Services Ltd. Any opinions or interpretations stated - within this report/certificate are excluded from the laboratories UKAS accreditation.

Approved Signatories:
Brendan Evans (Office Administrator) - Darren Bourne (Quality Senior Technician) - Paul Evans (Director)
Richard John (Quality/Technical Manager) - Shaun Jones (Laboratory manager) - Shaun Thomas (Site Manager)
Wayne Honey (HR & HSE Manager)

GEO Site & Testing Services Ltd
Unit 3-4 Heol Aur, Dafen Ind Est, Llanelli, Carmarthenshire SA14 8QN
Tel: 01554 784 040 Fax: 01554 784 040 info@gstl.co.uk https://gstl.co.uk

GSTL GEOTECHNICAL SITE & TESTING LABORATORIES	**PARTICLE SIZE DISTRIBUTION BS EN ISO 17892-4:2016 Wet Sieve, Clause 5.2**	Contract Number	**75879**
		Borehole/Pit No.	**SP1**
Project Name	**Lidl Ruislip Victoria Road Car Park**	Sample No.	
Sample Description	Brown/ grey slightly silty/ clayey fine to coarse sandy fine to coarse GRAVEL with cobbles	Depth Top	
		Depth Base	
Date Tested	18/11/2024	Sample Type	**B**



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	95		
50	86		
37.5	71		
28	63		
20	54		
14	37		
10	29		
6.3	20		
5	18		
3.35	16		
2	14		
1.18	11		
0.63	8		
0.425	7		
0.30	5		
0.20	3		
0.15	3		
0.063	2		

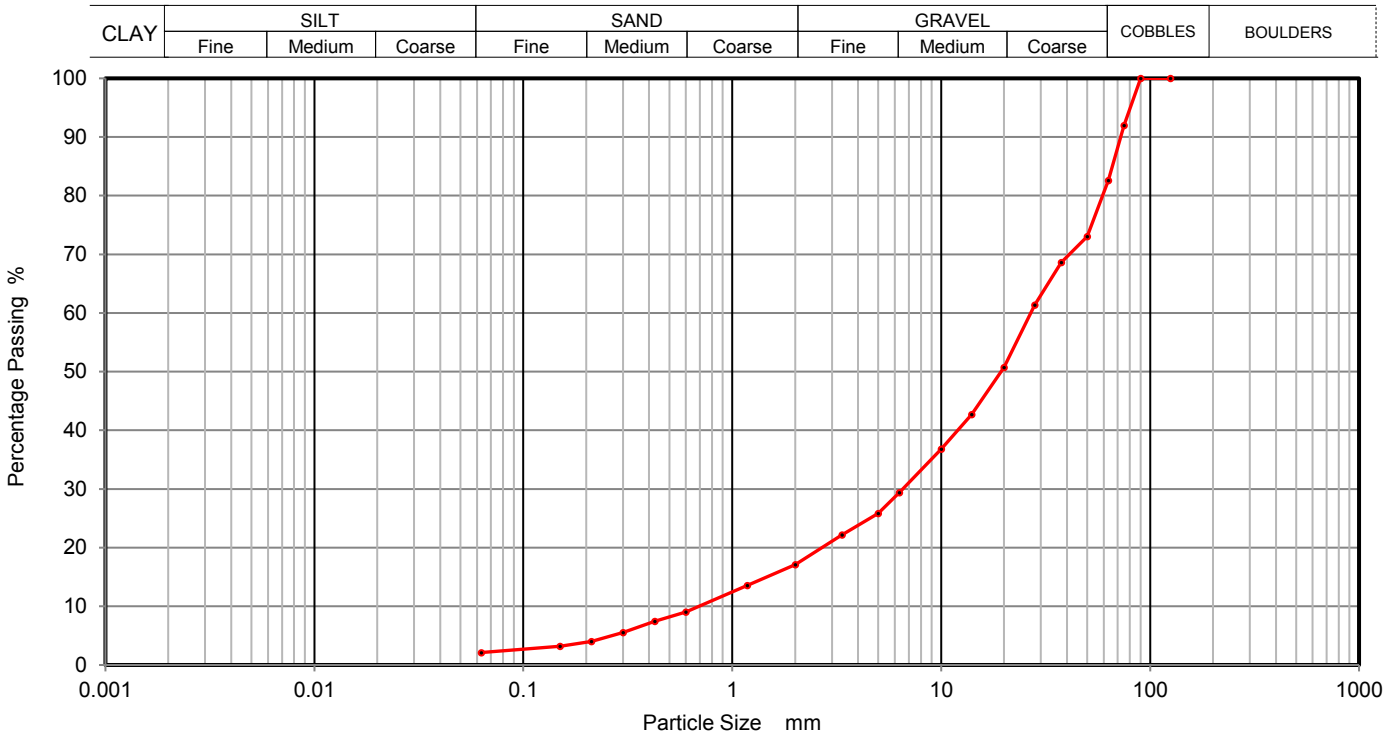
Sample Proportions	% dry mass
Cobbles	5
Gravel	81
Sand	12
Silt and Clay	2

Remarks

Preparation and testing in accordance with BS17892 unless noted below

Operator
Jordan

GSTL GEOTECHNICAL SITE & TESTING LABORATORIES	**PARTICLE SIZE DISTRIBUTION BS EN ISO 17892-4:2016 Wet Sieve, Clause 5.2**	Contract Number	**75879**
		Borehole/Pit No.	**SP2**
Project Name	**Lidl Ruislip Victoria Road Car Park**	Sample No.	
Sample Description	Brown/ grey slightly silty/ clayey fine to coarse sandy fine to coarse GRAVEL with cobbles	Depth Top	
		Depth Base	
Date Tested	18/11/2024	Sample Type	**B**



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	92		
63	83		
50	73		
37.5	69		
28	61		
20	51		
14	43		
10	37		
6.3	29		
5	26		
3.35	22		
2	17		
1.18	14		
0.63	9		
0.425	7		
0.30	6		
0.20	4		
0.15	3		
0.063	2		

Sample Proportions	% dry mass
Cobbles	17
Gravel	66
Sand	15
Silt and Clay	2

Remarks

Preparation and testing in accordance with BS17892 unless noted below

Operator
Jordan

APPENDIX C
IMPORTED TOPSOIL SUPPLIERS CHEMICAL ANALYSIS

Freeland
HORTICULTURE LIMITED

Freeland Horticulture Ltd
Rosedale Nursery
College Road
Hextable
Kent
BR8 7LT

Attention: Philippa Lambourne

Our Ref: 1343-SA

15 November 2024

Dear Philippa

Topsoil Analysis Report: Potters Bar, Hertfordshire Topsoil – November 2024

We have completed the analysis of the topsoil sample recently taken from the above site and it has been forwarded to an approved laboratory for analysis and have the pleasure of reporting our findings. The purpose of the analysis was to determine the suitability of the topsoil for general landscaping purposes and its compliance with the current British Standard for topsoil (BS3882).

SOIL SAMPLING & EXAMINATION

At the time of our sampling visit the topsoil was stored in a stockpile. A series of 10 hand augered trial holes were constructed across the stockpile for the purpose of soil examination and sample collection. As the soil examination confirmed a consistent topsoil composition, the ten samples were combined together to form one composite sample for analysis purposes. The soil was described as dark brown, slightly moist and friable with a well-developed, fine to medium granular structure. The soil contained a low fraction of small stones and no deleterious materials (eg. building waste materials, glass, roots or rhizomes of pernicious weeds) or unusual odours (eg. hydrocarbons) were recorded.

LABORATORY ANALYSIS

The topsoil sample was submitted to a UKAS and MCERTS accredited laboratory for routine physical and chemical parameters to confirm the composition and fertility of the soil. The following parameters were determined:

- pH & electrical conductivity values;
- major plant nutrients (N, P, K, Mg) & organic matter content;
- particle size distribution and stone content;
- heavy metals & potentially toxic elements (As, Cd, Cr, Cu, Pb, Hg, Ni, Se, Zn, B);
- sulphate, sulphur, sulphide;
- total cyanide and total (mono) phenols;
- speciated PAHs (US EPA16)
- banded aromatic and aliphatic petroleum hydrocarbons (C_5-C_{35}).
- Asbestos

The results are presented on the attached Certificate of Analysis and an interpretation of the results is given below.

COMMENTS

pH & Electrical Conductivity (salinity) Values

The sample was alkaline in nature (pH 8.5) with a pH value that would be considered suitable for general landscaping purposes.

The electrical conductivity (salinity) value using the soil:water extract was (898µS/cm) indicating that soluble salts are not present at levels that would be harmful to plants.

The electrical conductivity values by $CaSO_4$ extract (BS3882 requirement) fell below the maximum specified value (3300µS/cm) given in BS3882:2015.

Organic Matter & Nutrient Status

The sample was rich in organic matter and all major plant nutrients. No further additions of compost or fertiliser are required, or indeed recommended, for at least the first growing season.

The C:N ratio of the sample was acceptable for general landscape purposes

Particle Size Distribution & Stone Content

The sample contained 78% sand and fell into the sandy loam texture class. This particle size distribution is considered suitable for a broad range of landscape applications, including tree and shrub planting, turfing and seeding.

The sample was Virtually free from stones of 50 mm and upwards in diameter and only contained a slight fraction of smaller stones (6%). As such, stones will not restrict the use of the soil for landscaping purposes.

Potential Contaminants

We are not aware of any specified contaminant levels set for the proposed end-use of this topsoil. This includes human health, environmental protection and metals considered toxic to plants. In the absence of any site-specific assessment criteria, the concentrations that affect human health have been compare with the 'residential with homegrown produce' land use in the Suitable For Use Levels presented in. 'The LQM/CIEH S4Uls' for Human Health Risk Assessmet (2015) and DEFRA SP1010: 'Development of Category 4 Screening Levels' for Assessment of Land Affected by Contamination – Policy Companion Document (2014).

Of the potential contaminants determined, none was found at levels that would exceed their respective guideline values.

CONCLUSION

The purpose of the analysis was to determine the suitability of the topsoil for general landscaping purposes. From the soil examination and laboratory analysis, the soil is described as an alkaline, non-saline, sandy loam. The organic matter and nutrient levels are acceptable, and no significant contamination was found with respect to the parameters determined. This soil would adhere to the current BS3882 specification for 'multipurpose grade'.

To conclude, based on our findings, the topsoil would be considered well-suited to general landscaping purposes provided the physical condition of the soil is maintained.

We hope this report meets with your approval and provides the necessary information. Please do not hesitate to contact the undersigned if you have any queries or comments.

George Longmuir MSc Soil Sci. M.I Soil Sci.

Freeland
HORTICULTURE LIMITED

Client	Freeland Horticulture Ltd
Job Name	Topsoil Analysis
Site	Potters Bar, Hertfordshire
Month/Year	November 24
Our Ref	1343-SA
Date	15 November 2024

		Composite sample
pH Value & Salinity		
pH value (1:2.5 soil/water ext)	units	8.5
Electrical Conductivity (1:2.5 soil/water ext)	µS/cm	898
Electrical Conductivity (1:2.5 soil/CaSO4 ext)	µS/cm	2746
Organic Matter & Nutrient Status		
Organic Matter (LOI)	%	6.3
Organic Carbon (Derived)	%	3.7
Total Nitrogen	%	0.279
Carbon:Nitrogen Ratio	:1	13.1
Available Phosphorus	mg/l	71.0
Available Potassium	mg/l	1490
Available Magnesium	mg/l	200
Particle Size Analysis & Stones		
Clay (<0.002mm)	%	10
Silt (0.063-0.002mm)	%	12
Sand (2.0-0.063mm)	%	78
Texture Class	UK Class	SandyLoam
Stones 2-20mm	% by DW	6.0
Stones 20-50mm	% by DW	3.0
Stones >50mm	% by DW	0.0
Potential Contaminants		
Total Arsenic (As)	mg/kg	13.4
Total Cadmium (Cd)	mg/kg	0.21
Total Chromium (Cr)	mg/kg	24.6
Hexavalent Chromium (CR^{VI})	mg/kg	<0.2
Total Copper (Cu)	mg/kg	18.0
Total Lead (Pb)	mg/kg	20.6
Total Mercury (Hg)	mg/kg	<0.2
Total Nickel (Ni)	mg/kg	22.8
Total Selenium (Se)	mg/kg	0.40
Total Zinc (Zn)	mg/kg	76.3
Total Beryllium (Be)	mg/kg	<1
Total Barium (Ba)	mg/kg	40.1
Total Vanadium (V)	mg/kg	31.0
Hot Water Soluble Boron (B)	mg/kg	1.6
Total Cyanide (CN)	mg/kg	<1
Elemental Sulphur (S)	mg/kg	13.3
Easily Liberated Sulphide (S^{2-})	mg/kg	<1
Water Soluble Sulphate (SO_4^{2-})	mg/l	123
Total Phenols Index	mg/kg	<1
Asbestos Screen	-	N.D.

Chain of Custody requires Freeland Ticket - 01322 619161

Freeland
HORTICULTURE LIMITED

Client	Freeland Horticulture Ltd
Job Name	Topsoil Analysis
Site	Potters Bar, Hertfordshire
Month/Year	November 24
Our Ref	1343-SA
Date	15 November 2024

Polyaromatic Hydrocarbons

Naphthalene	mg/kg	<0.05
Acenaphthylene	mg/kg	<0.05
Acenaphthene	mg/kg	<0.05
Fluorene	mg/kg	<0.05
Phenanthrene	mg/kg	<0.1
Anthracene	mg/kg	<0.05
Fluoranthene	mg/kg	0.1
Pyrene	mg/kg	0.1
Benzo[a]anthracene	mg/kg	<0.1
Chrysene	mg/kg	<0.1
Benzo[b]fluoranthene	mg/kg	<0.1
Benzo[k]fluoranthene	mg/kg	<0.1
Benzo[a]pyrene	mg/kg	<0.1
Indeno[1,2,3-cd]pyrene	mg/kg	<0.1
Dibenzo[a,h]anthracene	mg/kg	<0.1
Benzo[g,h,i]perylene	mg/kg	<0.1
Total PAHs sum US EPA 16	mg/kg	<1

Banded Petroleum Hydrocarbons

Aliphatic TPH >C_5-C_6	mg/kg	<0.05
Aliphatic TPH >C_6-C_8	mg/kg	<0.05
Aliphatic TPH >C_8-C_{10}	mg/kg	<0.05
Aliphatic TPH >C_{10}-C_{12}	mg/kg	<10
Aliphatic TPH >C_{12}-C_{16}	mg/kg	<10
Aliphatic TPH >C_{16}-C_{21}	mg/kg	11.0
Aliphatic TPH >C_{21}-C_{35}	mg/kg	42.0
Aliphatic TPH >C_{35}-C_{44}	mg/kg	<12

Aromatic TPH >C_5-C_7	mg/kg	<0.05
Aromatic TPH >C_7-C_8	mg/kg	<0.05
Aromatic TPH >C_8-C_{10}	mg/kg	<0.05
Aromatic TPH >C_{10}-C_{12}	mg/kg	<10
Aromatic TPH >C_{12}-C_{16}	mg/kg	<10
Aromatic TPH >C_{16}-C_{21}	mg/kg	<10
Aromatic TPH >C_{21}-C_{35}	mg/kg	100
Aromatic TPH >C_{35}-C_{44}	mg/kg	30.0

Total Petroleum Hydrocarbons (C_5-C_{44})	mg/kg	194

BTEX

Benzene	mg/kg	<0.02
Toluene	mg/kg	<0.2
Ethyl Benzene	mg/kg	<0.04
m- & p- Xylene	mg/kg	<0.2
o-Xylene	mg/kg	<0.1

Chain of Custody requires a Freeland Ticket - 01322 619161

APPENDIX D
IMPORTED TOPSOIL REMADA CHEMICAL ANALYSIS

Remada Ltd
Forward House
17 High Street
Henley-in-Arden
Warwickshire
B955AA

e: peter.searing@remada.co.uk
info@remada.co.uk

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

Analytical Report Number : 25-003827

Project / Site name:	Lidl Ruislip	**Samples received on:**	28/01/2025
Your job number:	952.04	**Samples instructed on/ Analysis started on:**	29/01/2025
Your order number:	952.04	**Analysis completed by:**	04/02/2025
Report Issue Number:	1	**Report issued on:**	06/02/2025
Samples Analysed:	3 soil samples		

Signed:

Caterina Bentley
Customer Service Advisor
For & on behalf of i2 Analytical Ltd.

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

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

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

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting
air	- once the analysis is complete

Excel copies of reports are only valid when accompanied by this PDF certificate.

Retention period for records and reports is minimum 6 years from the date of issue of the final report.
Some records may be kept for longer according to other legal/best practice requirements.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement.
Application of uncertainty of measurement would provide a range within which the true result lies.
An estimate of measurement uncertainty can be provided on request.

Analytical Report Number: 25-003827
Project / Site name: Lidl Ruislip
Your Order No: 952.04

Lab Sample Number				436249	436250	436251
Sample Reference				TS1	TS2	TS3
Sample Number				None Supplied	None Supplied	None Supplied
Water Matrix				N/A	N/A	N/A
Depth (m)				None Supplied	None Supplied	None Supplied
Date Sampled				28/01/2025	28/01/2025	28/01/2025
Time Taken				None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Test Limit of detection**	**Test Accreditation Status**			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	24	26	24
Total mass of sample received	kg	0.1	NONE	1.1	1.1	1.1
Asbestos						
Asbestos in Soil Detected/Not Detected	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	DSO	DSO	DSO
General Inorganics						
pH (L099)	pH Units	N/A	MCERTS	8	8.2	7.9
Total Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0
Fraction Organic Carbon (FOC) Automated	N/A	0.001	MCERTS	0.05	0.044	0.049
Total Phenols						
Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0
Speciated PAHs						
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	0.14	0.07
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	0.08	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.07	0.33	< 0.05
Fluorene	mg/kg	0.05	MCERTS	0.05	0.37	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	0.94	2.2	0.27
Anthracene	mg/kg	0.05	MCERTS	0.25	0.69	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	1.9	3.5	0.66
Pyrene	mg/kg	0.05	MCERTS	1.6	2.8	0.63
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.86	1.7	0.38
Chrysene	mg/kg	0.05	MCERTS	0.78	1.6	0.4
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	1.1	2	0.63
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.4	0.78	0.24
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.91	1.7	0.5
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.47	0.84	0.3
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.11	0.23	0.06
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.48	0.9	0.33
Total PAH						
Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	9.84	19.6	4.46

Analytical Report Number: 25-003827
Project / Site name: Lidl Ruislip
Your Order No: 952.04

Lab Sample Number				436249	436250	436251
Sample Reference				TS1	TS2	TS3
Sample Number				None Supplied	None Supplied	None Supplied
Water Matrix				N/A	N/A	N/A
Depth (m)				None Supplied	None Supplied	None Supplied
Date Sampled				28/01/2025	28/01/2025	28/01/2025
Time Taken				None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Test Limit of detection**	**Test Accreditation Status**			
Heavy Metals / Metalloids						
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	6.5	6.6	7.1
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.31	0.35	0.39
Boron (water soluble)	mg/kg	0.2	MCERTS	4.7	3.9	4.3
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.3	0.3	0.3
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	11	14	14
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	11	14	14
Copper (aqua regia extractable)	mg/kg	1	MCERTS	21	19	21
Lead (aqua regia extractable)	mg/kg	1	MCERTS	45	47	42
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	8	8.6	11
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	16	20	20
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	70	72	76
Petroleum Hydrocarbons						
TPHCWG - Aliphatic >EC5 - EC6 $_{HS\_1D\_AL}$	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC6 - EC8 $_{HS\_1D\_AL}$	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC8 - EC10 $_{HS\_1D\_AL}$	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC10 - EC12 $_{EH\_CU\_1D\_AL}$	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0
TPHCWG - Aliphatic >EC12 - EC16 $_{EH\_CU\_1D\_AL}$	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0
TPHCWG - Aliphatic >EC16 - EC21 $_{EH\_CU\_1D\_AL}$	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0
TPHCWG - Aliphatic >EC21 - EC35 $_{EH\_CU\_1D\_AL}$	mg/kg	8	MCERTS	19	21	13
TPHCWG - Aliphatic >EC5 - EC35 $_{EH\_CU+HS\_1D\_AL}$	mg/kg	10	NONE	19	21	13
TPHCWG - Aromatic >EC5 - EC7 $_{HS\_1D\_AR}$	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010
TPHCWG - Aromatic >EC7 - EC8 $_{HS\_1D\_AR}$	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010
TPHCWG - Aromatic >EC8 - EC10 $_{HS\_1D\_AR}$	mg/kg	0.02	MCERTS	< 0.020	< 0.020	< 0.020
TPHCWG - Aromatic >EC10 - EC12 $_{EH\_CU\_1D\_AR}$	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0
TPHCWG - Aromatic >EC12 - EC16 $_{EH\_CU\_1D\_AR}$	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0
TPHCWG - Aromatic >EC16 - EC21 $_{EH\_CU\_1D\_AR}$	mg/kg	10	MCERTS	< 10	< 10	< 10
TPHCWG - Aromatic >EC21 - EC35 $_{EH\_CU\_1D\_AR}$	mg/kg	10	MCERTS	14	18	15
TPHCWG - Aromatic >EC5 - EC35 $_{EH\_CU+HS\_1D\_AR}$	mg/kg	10	NONE	14	18	15
VOCs						
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number : 25-003827
Project / Site name: Lidl Ruislip

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
436249	TS1	None Supplied	None Supplied	Brown loam and sand with gravel and vegetation
436250	TS2	None Supplied	None Supplied	Brown loam and clay with gravel and vegetation
436251	TS3	None Supplied	None Supplied	Brown loam and clay with gravel and vegetation

Analytical Report Number : 25-003827
Project / Site name: Lidl Ruislip

Water matrix abbreviations:
Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters Heating/Cooling (PrW) DI Process Water (DI PrW)
Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Asbestos identification in Soil	Asbestos Identification with the use of polarised light microscopy in conjunction with dispersion staining techniques	In-house method based on HSG 248, 2021	A001B	D	ISO 17025
Moisture Content	Moisture content, determined gravimetrically (up to 30°C)	In-house method	L019B	W	NONE
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight	In-house method based on British Standard Methods and MCERTS requirements.	L019B	D	NONE
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil	L038B	D	MCERTS
Boron, water soluble, in soil	Determination of water soluble boron in soil by hot water extract followed by ICP-OES	In-house method based on Second Site Properties version 3	L038B	D	MCERTS
Speciated PAHs and/or Semi-volatile organic compounds in soil	Determination of semi-volatile organic compounds (including PAH) in soil by extraction in dichloromethane and hexane followed by GC-MS	In-house method based on USEPA 8270	L064B	D	MCERTS
TPH Chromatogram in soil	TPH Chromatogram in soil	In-house method	L064B	D	NONE
BTEX and/or Volatile organic compounds in soil	Determination of volatile organic compounds in soil by headspace GC-MS	In-house method based on USEPA 8260	L073B	W	MCERTS
Total petroleum hydrocarbons with carbon banding by GC-FID/GC-MS HS in soil	Determination of total petroleum hydrocarbons in soil by GC-FID/GC-MS HS with carbon banding aliphatic and aromatic	In-house method	L076B/L088-PL	D/W	MCERTS
Chromium III in soil	In-house method by calculation from total Cr and Cr VI	In-house method by calculation	L080-PL/L130B	W	NONE
Hexavalent chromium in soil	Determination of hexavalent chromium in soil by extraction in NaOH and addition of 1,5 diphenylcarbazide followed by colorimetry	In-house method	L080-PL	W	MCERTS
Monohydric phenols in soil	Determination of phenols in soil by extraction with sodium hydroxide followed by distillation followed by colorimetry	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L080-PL	W	MCERTS
Total cyanide in soil	Determination of total cyanide by distillation followed by colorimetry	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L080-PL	W	MCERTS
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement	In-house method	L099-PL	D	MCERTS
Fraction Organic Carbon FOC Automated	Determination of fraction of organic carbon in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate	In-house method	L009B	D	MCERTS

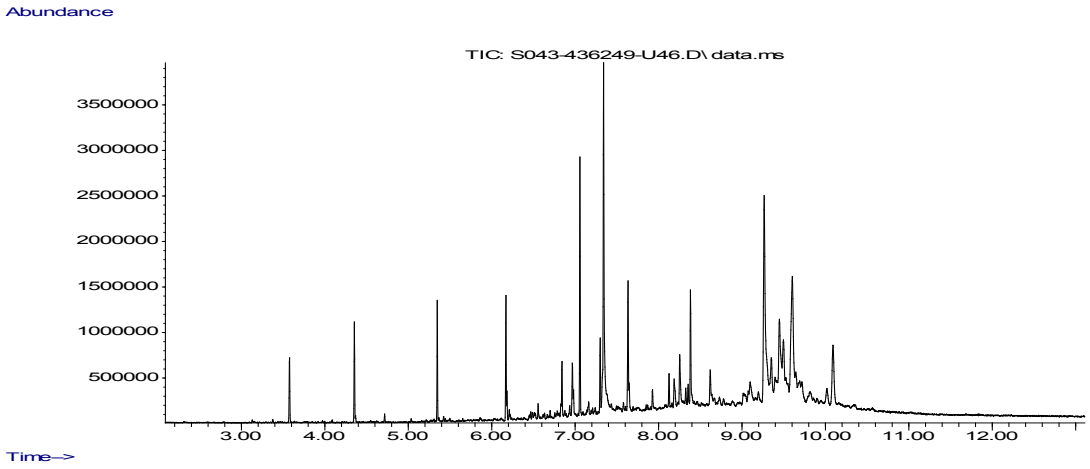
Analytical Report Number : 25-003827
Project / Site name: Lidl Ruislip

Water matrix abbreviations:
Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters Heating/Cooling (PrW) DI Process Water (DI PrW)
Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status

For method numbers ending in 'UK' or 'A' analysis have been carried out in our laboratory in the United Kingdom (Watford).
For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).
For method numbers ending in 'PL' or 'B' analysis have been carried out in our laboratory in Poland.
Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.
Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Quality control parameter failure associated with individual result applies to calculated sum of individuals.
The result for sum should be interpreted with caution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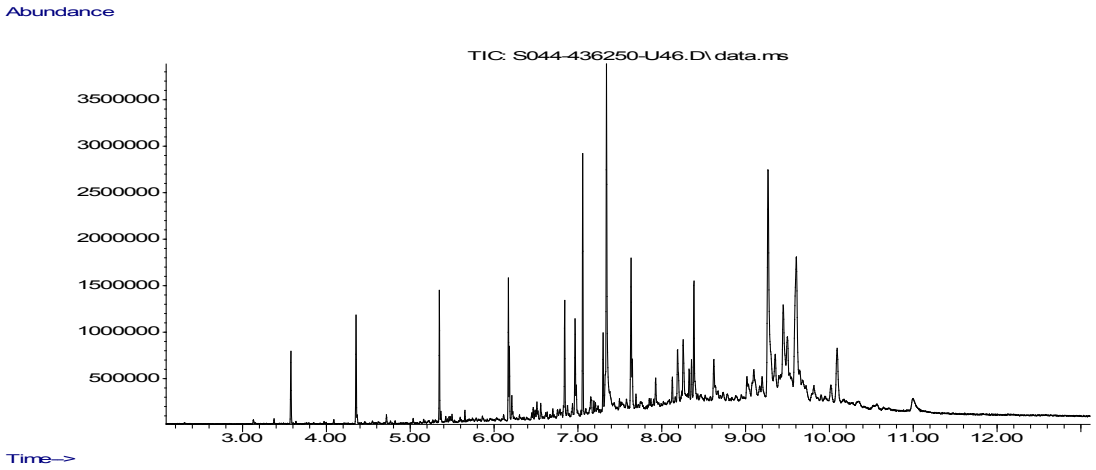
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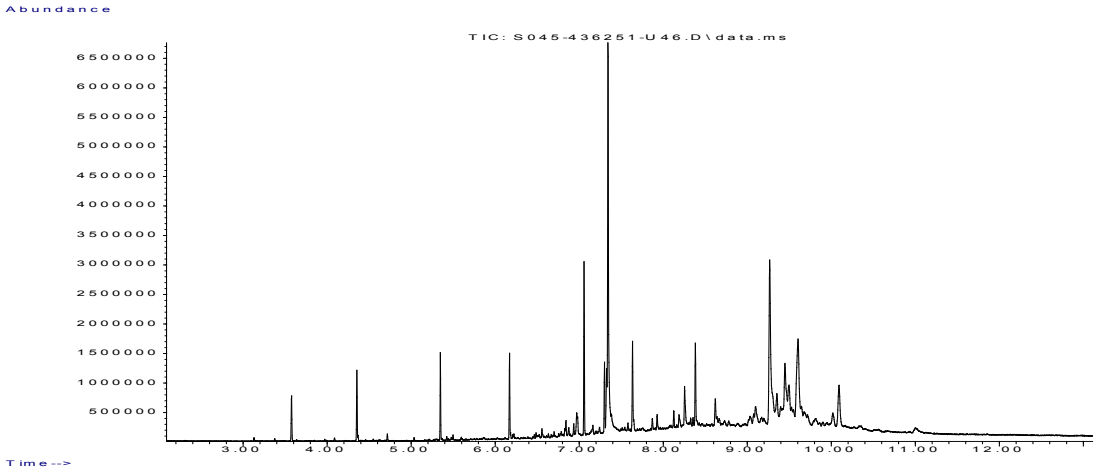
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12.00
Time-->

APPENDIX E
WASTE TRANSFER NOTE

The Hazardous Waste Regulations: Consignment Note

PART A Notification details — Sheet [ ] of [ ]

1 Consignment note code: R U I 2 M S 0 0 0 0 1 [ ] Complete with [H] for rejected load

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

2MS CONSTURUCTION, VICTORIA ROAD, RUISLIP, HA4 0QQ

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

Provoctus ltd Rowley Regis. Warley West Midlands B65 9BT

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

PART B Description of the waste — Number of continuation sheets, if used [ ]

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

2 SIC for the process giving rise to the waste: 4 5 1 1

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

Description of Waste	EWC	Quantity	Component	Concentration (% or mg/kg)	Physical Form	Hazard code(s)	Container (Mnf/type)
Contaminated soil	1 7 0 5 0 3	18T	Visible Bonded Asbestos	>0.1%	S	H7	Tipper

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

EWC	Packing Group	UN number, Proper Shipping Name(s), and class	Special handling requirements
1 7 0 5 0 3	n/c	n/c	n/c

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

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

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

1 Carrier name:

2 Carrier registration no./reason for exemption: CBDU205876

3 Vehicle registration no. (or mode of transport, if not road): GK68NWB

Date: 25 11 2024

Time: 08 00 (24 hr clock)

Signature:

PART D Consignor's certificate

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

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

1 Consignor name: Terry Dike

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

Date: 25 11 2024

Time: 08 00 (24 hr clock)

Signature:

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

Description of Waste	EWC	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste Management operation (R & D code)
Contaminated soil	1 7 0 5 0 3			

1 I received the waste at the address given in A4 on: Date [ ] Time [ ] (24 hr clock)

Name

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

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

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

Provoctus ltd Rowley Regis, Warley West Midlands B65 9BT

EPR/HP3632RP

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

Date [ ]

Time [ ] (24 hr clock)

Signature

(Writer version 3.61)

APPENDIX F
INVENTORY OF WASTE DISPOSAL / IMPORTED AGGREGATE

Transactions

Ticket No	Date	Address	CustOrder	Product	Unit	Qty	Invoice No	Haulier	Vehicle
2834111	08/01/2025 00:00	LIDL	lidl	GRAB TARMAC	LOAD	1	1618170	PBD HAULAGE	KS68HFO
2834048	07/01/2025 00:00	LIDL	lidl	GRAB TARMAC	LOAD	1	1618051	PBD HAULAGE	KS68HFO
2833552	06/01/2025 00:00	LIDL	daniel	WASHED SHARP SAND	KG	19.07	1617933	PBD HAULAGE	GN70YNV
2832436	20/12/2024 00:00	LIDL	HA4	GRAB MUCK	LOAD	1	1617632	PBD HAULAGE	KS68HFO
2832437	20/12/2024 00:00	LIDL	HA4	GRAB MUCK	LOAD	1	1617632	PBD HAULAGE	KS68HFO
2832731	20/12/2024 00:00	LIDL	ha4	GRAB MUCK	LOAD	1	1617632	PBD HAULAGE	KS68HFO
2832770	20/12/2024 00:00	LIDL	ha4	GRAB MUCK	LOAD	1	1617632	PBD HAULAGE	KS68HFO
2832096	18/12/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1617416	PBD HAULAGE	GN70YOD
2831254	18/12/2024 00:00	LIDL	ha4	TIP MUCK	LOAD	1	1617416	PBD HAULAGE	GN71ZBU
2831356	16/12/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1617195	PBD HAULAGE	GN70YNR
2831384	16/12/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1617195	PBD HAULAGE	GN71ZBU
2830439	13/12/2024 00:00	LIDL	am	WASHED SHARP SAND	KG	18.76	1617077	PBD HAULAGE	GN70YOA
2830671	13/12/2024 00:00	LIDL	ha4	TIPPER TARMAC	LOAD	1	1617077	PBD HAULAGE	GN70YOA
2830305	12/12/2024 00:00	LIDL	lidl	TIPPER CONCRETE	LOAD	1	1616933	PBD HAULAGE	GN71ZBR
2830104	12/12/2024 00:00	LIDL	lidl	TIP MUCK	LOAD	1	1616933	PBD HAULAGE	GN71ZBU
2830440	12/12/2024 00:00	LIDL	ha4	TIP MUCK	LOAD	1	1616933	PBD HAULAGE	GN71ZBU
2829982	12/12/2024 00:00	LIDL	LIDL	WASHED SHARP SAND	KG	18.8	1616933	PBD HAULAGE	GN71ZBU
2829921	11/12/2024 00:00	LIDL	victoria	TIPPER CONCRETE	LOAD	1	1616824	PBD HAULAGE	GN71YYJ
2829151	09/12/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1616696	PBD HAULAGE	GN70YNX
2829146	09/12/2024 00:00	LIDL	Daniel	TIPPER TARMAC	LOAD	1	1616579	PBD HAULAGE	GN70YNX
2829145	09/12/2024 00:00	LIDL	Daniel	TIPPER TARMAC	LOAD	1	1616579	PBD HAULAGE	GN70YNX
2829144	09/12/2024 00:00	LIDL	Daniel	TIPPER TARMAC	LOAD	1	1616579	PBD HAULAGE	GN70YNX
2829148	09/12/2024 00:00	LIDL	Daniel	TIPPER TARMAC	LOAD	1	1616579	PBD HAULAGE	GN70YOC
2829147	09/12/2024 00:00	LIDL	Daniel	TIPPER TARMAC	LOAD	1	1617297	PBD HAULAGE	DAFCON
2832171	09/12/2024 00:00	LIDL	Daniel	TIPPER TARMAC	LOAD	1	1617297	PBD HAULAGE	DAFCON
2832172	09/12/2024 00:00	LIDL	Daniel	TIPPER TARMAC	LOAD	1	1617297	PBD HAULAGE	DAFCON
2829152	09/12/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1617297	PBD HAULAGE	DAFCON
2826835	02/12/2024 00:00	LIDL	victoria	TIP MUCK	LOAD	1	1616025	PBD HAULAGE	GN71ZBR
2827033	02/12/2024 00:00	LIDL	Daniel	WASHED SHARP SAND	KG	19.1	1616025	PBD HAULAGE	GN71ZBR
2826670	29/11/2024 00:00	LIDL	victoria	TIPPER CONCRETE	LOAD	1	1615767	PBD HAULAGE	GN71ZBR
2825570	27/11/2024 00:00	LIDL	victoria	TIP MUCK	LOAD	1	1615526	PBD HAULAGE	GN70YNV
2825602	27/11/2024 00:00	LIDL	victoria	WASHED SHARP SAND	KG	18.88	1615526	PBD HAULAGE	GN71ZBR
2825350	26/11/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1615415	PBD HAULAGE	KW23DYX
2825445	26/11/2024 00:00	LIDL	victoria	TIP MUCK	LOAD	1	1615415	PBD HAULAGE	GN70YNV
2825116	25/11/2024 00:00	LIDL	VICTORIA R	TIP MUCK	LOAD	1	1615304	PBD HAULAGE	GN70YNR
2825241	25/11/2024 00:00	LIDL	victoria	TIP MUCK	LOAD	1	1615304	PBD HAULAGE	GN70YNR
2825469	21/11/2024 00:00	LIDL	Daniel	TIPPER CONCRETE	LOAD	1	1615209	PBD HAULAGE	DAFCON
2823343	19/11/2024 00:00	LIDL	victoria roac	TIP MUCK	LOAD	1	1614914	PBD HAULAGE	DAFCON
2823491	19/11/2024 00:00	LIDL	victoria roac	TIP MUCK	LOAD	1	1614914	PBD HAULAGE	DAFCON
2824552	19/11/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1614914	PBD HAULAGE	DAFCON
2824553	19/11/2024 00:00	LIDL	Daniel	TIPPER CONCRETE	LOAD	1	1615037	PBD HAULAGE	DAFCON
2824550	18/11/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1614914	PBD HAULAGE	DAFCON
2824551	18/11/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1614914	PBD HAULAGE	DAFCON
2824182	18/11/2024 00:00	LIDL	victoria	TIPPER CONCRETE	LOAD	1	1614914	PBD HAULAGE	DAFCON
2822430	15/11/2024 00:00	LIDL	victoria roac	TIPPER CONCRETE	LOAD	1	1614547	PBD HAULAGE	DAFCON
2823188	15/11/2024 00:00	LIDL	Daniel	TIPPER CONCRETE	LOAD	1	1614547	PBD HAULAGE	DAFCON
2822529	15/11/2024 00:00	LIDL	VICTORIA	TIPPER CONCRETE	LOAD	1	1614551	PBD HAULAGE	DAFCON
2821821	14/11/2024 00:00	LIDL	DANIEL	10MM SHINGLE	KG	18.77	1614358	PBD HAULAGE	GN71ZBU
2822114	14/11/2024 00:00	LIDL	VICTORIA R	TIP MUCK	LOAD	1	1614547	PBD HAULAGE	DAFCON
2823187	14/11/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1614547	PBD HAULAGE	DAFCON
2821057	12/11/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1614081	PBD HAULAGE	GN71ZBU
2821084	12/11/2024 00:00	LIDL	Daniel	WASHED SHARP SAND	KG	18.8	1614081	PBD HAULAGE	GN71ZBU
2821300	12/11/2024 00:00	LIDL	DANIEL	REJECT SAND	KG	18	1614490	PBD HAULAGE	DAFCON
2821301	12/11/2024 00:00	LIDL	DANIEL	REJECT SAND	KG	17.52	1614490	PBD HAULAGE	DAFCON
2821201	12/11/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1614490	PBD HAULAGE	DAFCON
2821202	12/11/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1614490	PBD HAULAGE	DAFCON
2821203	12/11/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1614490	PBD HAULAGE	DAFCON
2821204	12/11/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1614490	PBD HAULAGE	DAFCON
2821205	12/11/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1614490	PBD HAULAGE	DAFCON
2821206	12/11/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1614490	PBD HAULAGE	DAFCON
2821207	12/11/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1614490	PBD HAULAGE	DAFCON
2821208	12/11/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1614490	PBD HAULAGE	DAFCON
2821209	12/11/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1614490	PBD HAULAGE	DAFCON
2821210	12/11/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1614490	PBD HAULAGE	DAFCON
2822855	12/11/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1614490	PBD HAULAGE	DAFCON
2822856	12/11/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1614490	PBD HAULAGE	DAFCON
2822857	12/11/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1614490	PBD HAULAGE	DAFCON
2820949	11/11/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1614490	PBD HAULAGE	DAFCON
2820950	11/11/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1614490	PBD HAULAGE	DAFCON
2821122	11/11/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1614490	PBD HAULAGE	DAFCON
2821123	11/11/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1614490	PBD HAULAGE	DAFCON
2821124	11/11/2024 00:00	LIDL	Daniel	TIP MUCK	LOAD	1	1614490	PBD HAULAGE	DAFCON