

LAND CONTAMINATION RISK MANAGEMENT VALIDATION OF REMEDIAL WORK

for the proposed
Residential development

at land to the rear of
**199-200 High Road,
Weston
PE12 6JU**



frontispiece – 3D view to south

L-S&Co Project Number: **69 012**
Status of Report: **FINAL**
Date of Issue: **January 29th, 2024**

L-S&Co Project Number: **69 012**

Report on: Validation of remedial work

Report at: 192-200 High Road, Weston PE12 6JU

Report for: Spalding Developments, 15 Stockwell Gate,
West Whaplode PE12 6WG

Prepared by:



Status: **FINAL** T.S. Langdale-Smith MSc C.Geol

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1. INTRODUCTION

1.1 Location and description

The village of Weston is located on the flat fenland some 4.5 km northeast of Spalding.

The High Road runs on a northeast alignment and the village has grown along the southeast side of the road.

The development site is located behind the gardens of Nos 192-200 High Road.

The site is centred on NGR Ref: 528700 324640 and is on flat land at approx. 3.3 m AOD.

1.2 Proposed development

It is proposed to erect 3 No. detached residences with gardens and hard-cover access, which includes a 45 m long access drive at the north site of the site.

For Flood Risk alleviation the site level will be raised to 3.6 m AOD.

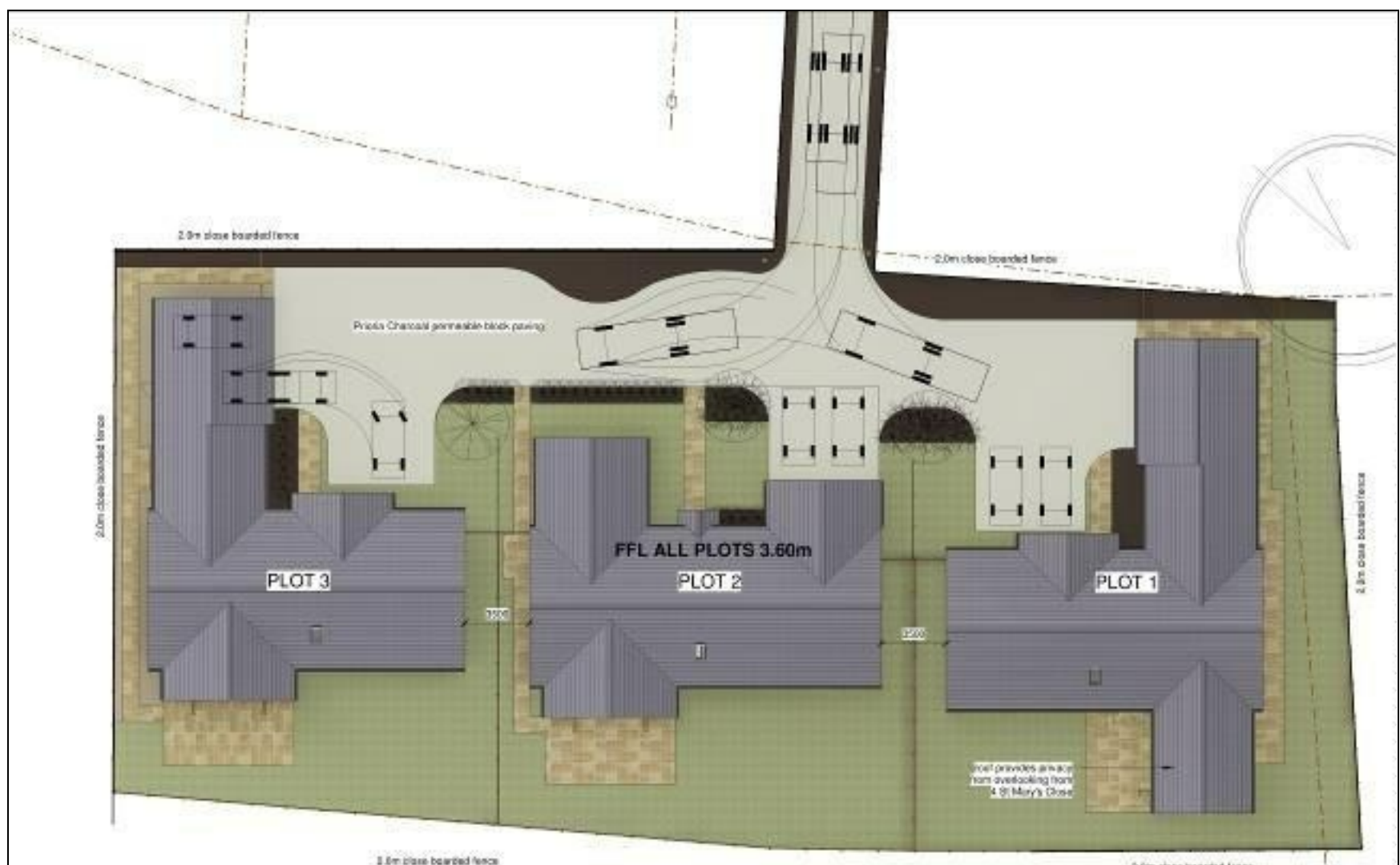


Fig 1 - proposed development

2. REMEDIATION REQUIREMENTS

2.1 Conceptual exposure model

The site investigation undertaken by Ground Engineering included a Phase 1 Desk Study and 7 No. shallow boreholes.

The Desk Study established that the development site comprised of gardens and small holdings which would, in historic time, had small bonfires and demolition waste, albeit in small domestic sized quantities.

The ground encountered comprised of a layer, 0.3 – 0.5 m thick, of grass-covered stony Topsoil (Fill) overlying the natural ground of silty Sand (Tidal Flat deposits).

6 No. samples were taken from the Topsoil (Fill) at 0.15 m bgl in each bore, and analysed for the CLEA metals TPH, PAH and asbestos.

1 No. sample (from HA4) showed an anomalous high of 440 ppm Lead.

4 No. samples (HA2 to HA5) detected low concentrations of B(a)P and 1 No. sample (HA5) detected D(a,h)A.

Sample HA5 also had an anomalous pH.

No asbestos was encountered.

The concentrations detected were low and the anomalous values (notably HA5) suggest that the areas of contaminated ground are highly localised.

The CEM presented in Table 2 has been extracted from the SI report prepared by Ground Engineering.

Given the low concentrations of contamination (Sources) that were encountered the potential for harm to site Receptors was always likely to be Low and Very Low and the assessment by Ground Engineering is reasonable.

2.2 Remediation strategy

The selection of Remediation Strategy for this site was constrained by:

- the low levels of contamination encountered;
- the absence of any ground gas;
- the contamination that is contained within the superficial Topsoil; and
- the site level needing to be raised to 3.6 m AOD for flood risk alleviation.

For this development the 0.3 m thick Topsoil layer could be stripped off and kept on site in a stockpile.

Any contamination at the site will be in this Topsoil so site operatives and ground workers should be advised of the risk of harm from contact with the soil.

There is a likelihood that the Topsoil can be reused because the levels of contamination are low, as a sub-base perhaps.

Any Topsoil brought to site for the garden areas should be ensured to be suitable.

The stripped surface should be inspected, by a suitably qualified person, for any 'hot spots' of contamination.

Receptors	Pathway	Estimated Potential for Linkage with Contaminant Sources			
		Drainage/ Buildings	Soil	Soil Gas	Off-Site Sources
Human Health – ground workers	Ingestion and Inhalation of contaminated Soil, Dust and Vapour	Low	Low	Low	Very Low
Human Health – users of completed development	Ingestion and Inhalation of contaminated Soil, Dust and Vapour	N/A	Low	Low	Very Low
Water Environment	Migration through ground into surface water or groundwater	Low	Very Low	Very Low	Low
Flora	Vegetation on site growing on contaminated soil	Very Low	Very Low	Very Low	Very Low
Building Materials	Contact with contaminated soil	Very Low	Very Low	Very Low	Very Low

Key to Table 6 Risk	Definition
Very High	There is a high probability that severe harm could arise to a designated receptor from an identified hazard, or, there is evidence that severe harm to a designated receptor is currently happening. The risk, if realised, is likely to result in a substantial liability. Urgent investigation (if not undertaken already) and remediation are likely to be required.
High	Harm is likely to arise to a designated receptor from an identified hazard. Realisation of the risk is likely to present a substantial liability. Urgent investigation (if not undertaken already) and remedial works may be necessary in the short term and likely over the long term.
Moderate	It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild.
Low	It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild.
Very Low	There is a low possibility that harm could arise to a receptor. In the event of such harm being realised it is not likely to be severe.
N/A	Not Applicable because the proposed development will remove the source.

Table 2 – CEM for 192-200 High Road Weston

3. RISKS TO GROUNDWORKERS

There is a low risk of harm from the contamination detected in the Topsoil at this site.

Groundworkers were advised of this risk, particularly from the stockpile of Topsoil created by the site strip.

It is possible that there may be localised areas of high contamination (*i.e.* hot spots) that will pose an increased risk of harm.

All site workers were advised to look out for areas of discolouration or strong odours and contact an appropriate authority if there was any concern.

The ground was inspected after stripping and no 'hot spots' were encountered.



Fig 2 – view to east across stripped ground



Fig 3– view to west across stripped ground

4. SOIL RE-USE AND DISPOSAL

4.1 Re-use of existing Topsoil

For the proposed development the ground level needs to be raised to 3.6 m AOD.

The existing ground level was at 3.3 m AOD and stripping of the existing Topsoil would reduce the level to approximately 3.0 m AD.

The Topsoil scraped off the site was stockpiled and then removed from the site by Total Aggregates, removing any contamination hazard from the site.

Copies of the Waste Transfer Notes are appended.

5. BURIED UTILITIES

5.1 Drinking water pipes

It is common practice for Anglian Water to insist on the installation of metal-coated drinking water pipes at any Brownfield Site, whether proven contaminated or not.

At this site it has been established that any contamination would be encountered in the existing Topsoil layer across the site and that this layer has been stripped off.

The underlying natural ground, of yellow/brown silty Clay, is not contaminated and no special precautions to protect the drinking water pipes were required.

6. INSTALLATION OF THE BARRIER SYSTEM

6.1 Work undertaken

A barrier system was selected for the overall site development.

The site was stripped down by 0.3 m, to remove all potentially contaminated ground.

The stripped surface was inspected for contamination 'hot spots' and none were observed.

In the areas to be overbuilt the soil surface was stoned over with 0.3 m of Type 1 limestone aggregate to provide a stable working surface.

Subsequently this ground was covered with a black plastic membrane and another 0.3 m of stone to achieve adequate site levels.

For the front gardens a minimum of 0.1 m of Topsoil was laid onto the aggregate sub-base.

The buildings were built on block and beam foundations with underfloor ventilation.

In the garden areas the exposed natural ground was covered with 0.1 m of Type 1 limestone aggregate, compacted, covered with a black plastic membrane and then 0.6 m of loose-laid imported Topsoil.

Some 240 tonnes of BS3882 certified Topsoil were brought to site by Total Aggregates, Nottingham, and copies of the waybills are appended.



Fig 4 – stone layer awaiting finishing



Fig 5 – stone layer and membrane under pavements



Fig 6 – stone layer, membrane and Topsoil cover emplacement

6.2 Topsoil depth and quality

The site was inspected in December 2023 after the Topsoil had been laid across the site.

3 No. inspection pits were made in the garden areas, confirming a minimum of 0.6 m of imported Topsoil.

Samples of the natural ground at 0.7 m bgl were taken, placed in amber glass jars and shipped overnight to Elab, a well-established and UKAS accredited laboratory.

The analytical suite included:

- CLEA metals;
- Asbestos fibres;
- Phenols; and
- PAH.

The full results are appended and shown in edited form in Table 3 for ease of comprehension.

A simple reference to the LQM/CIEH soil guidance values for residences with gardens show that there were no concentrations that could be harmful to Human Health, confirming the certification provided by the supplier of the Topsoil - Total Aggregates.

		W1	W2	W3
		0.70	0.70	0.70
Moisture Content	%	17.5	13.3	14.4
Material removed	%	2.2	5.0	3.2
Description of Inert material removed		Stones		
Asbestos		none detected		
Arsenic	mg/kg	7.6	6.8	8.3
Barium	mg/kg	34.2	27.4	48.2
Beryllium	mg/kg	< 0.5	< 0.5	< 0.5
Cadmium	mg/kg	0.3	0.3	0.3
Chromium	mg/kg	10.3	9.6	11.1
Copper	mg/kg	16.4	15.1	21.7
Lead	mg/kg	41.7	37.2	44.0
Mercury	mg/kg	0.2	0.2	0.2
Nickel	mg/kg	8.9	5.8	7.9
Selenium	mg/kg	< 1.0	< 1.0	< 1.0
Vanadium	mg/kg	15.4	14.1	16.6
Zinc	mg/kg	49.8	40.8	68.6
Phenol	mg/kg	f < 1	f < 1	f < 1
M,P-Cresol	mg/kg	f < 1	f < 1	f < 1
O-Cresol	mg/kg	f < 1	f < 1	f < 1
3,4-Dimethylphenol	mg/kg	f < 1	f < 1	f < 1
2,3-Dimethylphenol	mg/kg	f < 1	f < 1	f < 1
2,3,5-trimethylphenol	mg/kg	f < 1	f < 1	f < 1
Total Monohydric Phenols	mg/kg	f < 5	f < 5	f < 5
Naphthalene	mg/kg	f < 0.1	f < 0.1	f < 0.1
Acenaphthylene	mg/kg	f < 0.1	f < 0.1	f < 0.1
Acenaphthene	mg/kg	f < 0.1	f < 0.1	f < 0.1
Fluorene	mg/kg	f < 0.1	f < 0.1	f < 0.1
Phenanthrene	mg/kg	f < 0.1	f < 0.1	f < 0.1
Anthracene	mg/kg	f < 0.1	f < 0.1	f < 0.1
Fluoranthene	mg/kg	f 0.1	f < 0.1	f < 0.1
Pyrene	mg/kg	f 0.1	f < 0.1	f < 0.1
Benzo(a)anthracene	mg/kg	f 0.1	f < 0.1	f < 0.1
Chrysene	mg/kg	f 0.1	f < 0.1	f < 0.1
Benzo(b)fluoranthene	mg/kg	f 0.1	f < 0.1	f < 0.1
Benzo(k)fluoranthene	mg/kg	f < 0.1	f < 0.1	f < 0.1
Benzo(a)pyrene	mg/kg	f 0.2	f < 0.1	f < 0.1
Indeno(1,2,3-cd)pyrene	mg/kg	f < 0.1	f < 0.1	f < 0.1
Dibenzo(a,h)anthracene	mg/kg	f < 0.1	f < 0.1	f < 0.1
Benzo[g,h,i]perylene	mg/kg	f < 0.1	f < 0.1	f < 0.1
Total PAH(16)	mg/kg	f 1.3	f < 0.4	f < 0.4

Table 3 – soil test results 24-51728 (ed)



Fig 7 – Topsoil cover in garden areas



Fig 8 – test pit showing 0.6 m of Topsoil

<< END >>



2683



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Certificate of Analysis

THE ENVIRONMENTAL LABORATORY LTD

Analytical Report Number: 24-51728

Issue: 1

Date of Issue: 10/01/2024

Contact: Tim Langdale-Smith

Customer Details: Langdale Smith & Co Ltd
Wrangham House
Market Place
Wragby
Lincolnshire LN8 5QU

Quotation No: Q22-03338

Order No: Not Supplied

Customer Reference: 69 012

Date Received: 04/01/2024

Date Approved: 10/01/2024

Details: Weston

Approved by:

Ben Rees, Customer Services Assistant



Sample Summary

Report No.: 24-51728, issue number 1

Elab No.	Client's Ref.	Date Sampled	Date Scheduled	Description	Deviations
349303	W1 0.70	20/12/2023	04/01/2024	Sandy silty loam	f
349304	W2 0.70	20/12/2023	04/01/2024	Sandy silty loam	f
349305	W3 0.70	20/12/2023	04/01/2024	Sandy silty loam	f



2683



Results Summary

Report No.: 24-51728, issue number 1

ELAB Reference				349303	349304	349305
Customer Reference						
Sample ID						
Sample Type				SOIL	SOIL	SOIL
Sample Location				W1	W2	W3
Sample Depth (m)				0.70	0.70	0.70
Sampling Date				20/12/2023	20/12/2023	20/12/2023
Determinand	Codes	Units	LOD			
Soil sample preparation parameters						
Moisture Content	N	%	0.1	17.5	13.3	14.4
Material removed	N	%	0.1	2.2	5.0	3.2
Description of Inert material removed	N		0	Stones	Stones	Stones
Metals						
Arsenic	M	mg/kg	0.5	7.6	6.8	8.3
Barium	U	mg/kg	1	34.2	27.4	48.2
Beryllium	M	mg/kg	0.5	< 0.5	< 0.5	< 0.5
Cadmium	M	mg/kg	0.2	0.3	0.3	0.3
Chromium	M	mg/kg	1	10.3	9.6	11.1
Copper	M	mg/kg	4	16.4	15.1	21.7
Lead	M	mg/kg	1	41.7	37.2	44.0
Mercury	M	mg/kg	0.1	0.2	0.2	0.2
Nickel	M	mg/kg	1	8.9	5.8	7.9
Selenium	M	mg/kg	1	< 1.0	< 1.0	< 1.0
Vanadium	M	mg/kg	0.5	15.4	14.1	16.6
Zinc	M	mg/kg	4.5	49.8	40.8	68.6
Phenols						
Phenol	M	mg/kg	1	f < 1	f < 1	f < 1
M,P-Cresol	N	mg/kg	1	f < 1	f < 1	f < 1
O-Cresol	N	mg/kg	1	f < 1	f < 1	f < 1
3,4-Dimethylphenol	N	mg/kg	1	f < 1	f < 1	f < 1
2,3-Dimethylphenol	M	mg/kg	1	f < 1	f < 1	f < 1
2,3,5-trimethylphenol	M	mg/kg	1	f < 1	f < 1	f < 1
Total Monohydric Phenols	N	mg/kg	5	f < 5	f < 5	f < 5
Polyaromatic hydrocarbons						
Naphthalene	N	mg/kg	0.1	f < 0.1	f < 0.1	f < 0.1
Acenaphthylene	N	mg/kg	0.1	f < 0.1	f < 0.1	f < 0.1
Acenaphthene	N	mg/kg	0.1	f < 0.1	f < 0.1	f < 0.1
Fluorene	N	mg/kg	0.1	f < 0.1	f < 0.1	f < 0.1
Phenanthrene	N	mg/kg	0.1	f < 0.1	f < 0.1	f < 0.1
Anthracene	N	mg/kg	0.1	f < 0.1	f < 0.1	f < 0.1
Fluoranthene	N	mg/kg	0.1	f 0.1	f < 0.1	f < 0.1
Pyrene	N	mg/kg	0.1	f 0.1	f < 0.1	f < 0.1
Benzo(a)anthracene	N	mg/kg	0.1	f 0.1	f < 0.1	f < 0.1
Chrysene	N	mg/kg	0.1	f 0.1	f < 0.1	f < 0.1
Benzo(b)fluoranthene	N	mg/kg	0.1	f 0.1	f < 0.1	f < 0.1
Benzo(k)fluoranthene	N	mg/kg	0.1	f < 0.1	f < 0.1	f < 0.1
Benzo(a)pyrene	N	mg/kg	0.1	f 0.2	f < 0.1	f < 0.1
Indeno(1,2,3-cd)pyrene	N	mg/kg	0.1	f < 0.1	f < 0.1	f < 0.1
Dibenzo(a,h)anthracene	N	mg/kg	0.1	f < 0.1	f < 0.1	f < 0.1
Benzo[g,h,i]perylene	N	mg/kg	0.1	f < 0.1	f < 0.1	f < 0.1
Total PAH(16)	N	mg/kg	0.4	f 1.3	f < 0.4	f < 0.4



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Results Summary

Report No.: 24-51728, issue number 1

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 (l)
349303	0.70	W1	Brown Soil, Stones	No asbestos detected	n/t	n/t	n/t	n/t	n/t
349304	0.70	W2	Brown Soil, Stones, Clinker, Organics	No asbestos detected	n/t	n/t	n/t	n/t	n/t
349305	0.70	W3	Brown Soil, Stones, Clinker	No asbestos detected	n/t	n/t	n/t	n/t	n/t



Method Summary

Report No.: 24-51728, issue number 1

Parameter	Codes	Analysis Undertaken On	Date Tested	Method Number	Technique
Soil					
Phenols in solids	M	As submitted sample	05/01/2024	121	HPLC
PAH (GC-FID)	N	As submitted sample	05/01/2024	133	GC-FID
Asbestos identification	U	Air dried sample	05/01/2024	281	Microscopy
Aqua regia extractable metals	M	Air dried sample	08/01/2024	300	ICPMS

Tests marked N are not UKAS accredited



Report Information

Report No.: 24-51728, issue number 1

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

TOTAL Aggregates

Waste Transfer Note

Office:

Melvyn Robert House, Bakerbrook Industrial Estate
Wigwam Lane, Hucknall, Nottingham NG15 7SZ

Tel: 0115 963 7444

Fax: 0115 963 7445

34533

WASTE CARRIER LICENCE No.
CBDU90660

Section A - Description of Waste

Naturally occurring soil/stone/clay	17.05.04	☒
Concrete/Bricks/Tiles	17.01.07	
Concrete	17.01.01	
Bituminous Mixture	17.03.02	
Bricks	17.01.02	
Other	CNH	☒

Vehicle Reg:	HW61 ESR
Date	28.6.23
Time:	
Container:	TIPPER
Size:	8 WHEEL
Weight:	16000

Section B - Customer/Current Holder of Waste
Are you?

Producer of the waste:	☒
Importer of the waste:	
Holder of Environmental Permit?	Y/N
Details:	
A Registered Waste Carrier?	Y/N
Details:	
Registered Waste Exemption?	Y/N
Exemption details:	

Business/Site Address:
MORESPACE
GARAGE CO-OPS
WESTON

Local Authority:

SIC Code 2007

Demolition	43.11/0	
Construction (comm)	41.20/1	☒
Construction (resid)	41.20/2	

Tram construction	42.12	
Non Haz T. Stn	38.11	
Other		

Section C - Haulier/Collector of Waste

TOTAL Aggregates, Melvyn Robert House, Wigwam Lane, Nottingham, NG15 7SZ
Registered Waste Carrier/Broker: CBDU90660 Ashfield District Council
SIC (2007) 38.32 Recovery of sorted materials / 38.11 Collection of non haz waste

Section D - DETAILS OF TRANSFER/DISPOSAL

BROKER: TOTAL Aggregates, Melvyn Robert House, Wigwam Lane, Nottingham, NG15 7SZ
Registered Waste Carrier/Broker: CBDU90660

Transfer/Disposal Address:
FID 275
TETON FID 275
28.6.23

Date of Transfer:	28.6.23	Time of Transfer:	
-------------------	---------	-------------------	--

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.

Signed for the Customer/Holder of Waste

Signed for the Haulier/Collector of Waste

Print Name:

Print Name: Total Aggregates

TOTAL Aggregates

Waste Transfer Note

Office:
Melvyn Robert House, Bakerbrook Industrial Estate
Wigwam Lane, Hucknall, Nottingham NG15 7SZ
Tel: 0115 963 7444
Fax: 0115 963 7445

34648

WASTE CARRIER LICENCE No.
CBDU90660

Section A - Description of Waste

Naturally occuring soil/stone/clay	17.05.04	
Concrete/Bricks/Tiles	17.01.07	
Concrete	17.01.01	
Bituminous Mixture	17.03.02	
Bricks	17.01.02	
Other	CNIT	

Vehicle Reg:	YN2 8157
Date	28-6-23
Time:	
Container:	TRUCK
Size:	8 WHEEL
Weight:	16 AD

Section B - Customer/Current Holder of Waste
Are you?

Producer of the waste:		☒
Importer of the waste:		☐
Holder of Environmental Permit?	Y/N	
Details:		
A Registered Waste Carrier?	Y/N	
Details:		
Registered Waste Exemption?	Y/N	
Exemption details:		

Business/Site Address:
MOORSIDE
GARAGE CONVERSIONS
196 HIGH RD
WESTON

Local Authority:

SIC Code 2007

Demolition	43.11/0	
Construction (comm)	41.20/1	
Construction (resid)	41.20/2	☒

Tram construction	42.12	
Non Haz T. Stn	38.11	
Other		

Section C - Haulier/Collector of Waste

TOTAL Aggregates, Melvyn Robert House, Wigwam Lane, Nottingham, NG15 7SZ
Registered Waste Carrier/Broker: CBDU90660 Ashfield District Council
SIC (2007) 38.32 Recovery of sorted materials / 38.11 Collection of non haz waste

Section D - DETAILS OF TRANSFER/DISPOSAL

BROKER: TOTAL Aggregates, Melvyn Robert House, Wigwam Lane, Nottingham, NG15 7SZ
Registered Waste Carrier/Broker: CBDU90660

Transfer/Disposal Address: TETON
FINNINGLEY
28-6-23
FIN 275

Date of Transfer: 28-6-23 Time of Transfer:

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.

Signed for the Customer/Holder of Waste
Signed for the Haulier/Collector of Waste

Print Name: Print Name: Total Aggregates

Office:

Melvyn Robert House, Bakerbrook Industrial Estate
Wigwam Lane, Hucknall, Nottingham NG15 7SZ

Tel: 0115 963 7444

Fax: 0115 963 7445

34668

WASTE CARRIER LICENCE No.
CBDU90660

Section A - Description of Waste

Naturally occuring soil/stone/clay	17.05.04	☒
Concrete/Bricks/Tiles	17.01.07	☐
Concrete	17.01.01	☐
Bituminous Mixture	17.03.02	☐
Bricks	17.01.02	☐
Other		☒

Vehicle Reg:	FW17CZS
Date	28-6-23
Time:	
Container:	8 Wheeler
Size:	
Weight:	20T

Section B - Customer/Current Holder of Waste
Are you?

Producer of the waste:	☒
Importer of the waste:	☐
Holder of Environmental Permit?	Y/N
Details:	
A Registered Waste Carrier?	Y/N
Details:	
Registered Waste Exemption?	Y/N
Exemption details:	

Business/Site Address:

MOORSPACE -
196 High Rd
Weston

Local Authority:

SIC Code 2007

Demolition	43.11/0	☐
Construction (comm)	41.20/1	☒
Construction (resid)	41.20/2	☐

Tram construction	42.12	☐
Non Haz T. Stn	38.11	☐
Other		☐

Section C - Haulier/Collector of Waste

TOTAL Aggregates, Melvyn Robert House, Wigwam Lane, Nottingham, NG15 7SZ
Registered Waste Carrier/Broker: CBDU90660 Ashfield District Council
SIC (2007) 38.32 Recovery of sorted materials / 38.11 Collection of non haz waste

Section D - DETAILS OF TRANSFER/DISPOSAL

BROKER: TOTAL Aggregates, Melvyn Robert House, Wigwam Lane, Nottingham, NG15 7SZ
Registered Waste Carrier/Broker: CBDU90660

Transfer/Disposal Address:	FINNINGLEY (TETROW) Finningley Approach Rd Austrefield	
Date of Transfer:	28-6-23	Time of Transfer:

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.

Signed for the Customer/Holder of Waste

L. Chapman

Print Name: Lewis Chapman

Signed for the Haulier/Collector of Waste

[Signature]

Print Name: Total Aggregates

TOTAL Aggregates

Waste Transfer Note

Office:
Melvyn Robert House, Bakerbrook Industrial Estate
Wigwam Lane, Hucknall, Nottingham NG15 7SZ
Tel: 0115 963 7444
Fax: 0115 963 7445

34532

WASTE CARRIER LICENCE No.
CBDU90660

Section A - Description of Waste

Naturally occuring soil/stone/clay	17.05.04	
Concrete/Bricks/Tiles	17.01.07	
Concrete	17.01.01	
Bituminous Mixture	17.03.02	
Bricks	17.01.02	
Other	CNH	Y

Vehicle Reg:	HW61 KSR
Date	28.6.23
Time:	
Container:	TIPPER
Size:	8WHEEL
Weight:	1 TON

Section B - Customer/Current Holder of Waste
Are you?

Producer of the waste:		Y
Importer of the waste:		
Holder of Environmental Permit?		Y/N
Details:		
A Registered Waste Carrier?		Y/N
Details:		
Registered Waste Exemption?		Y/N
Exemption details:		

Business/Site Address:
MORESPACE
GARAGE CON
WESTON
PS12 6BU

Local Authority:	
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SIC Code 2007

Demolition	43.11/0	
Construction (comm)	41.20/1	
Construction (resid)	41.20/2	

Tram construction	42.12	
Non Haz T. Stn	38.11	
Other		

Section C - Haulier/Collector of Waste

TOTAL Aggregates, Melvyn Robert House, Wigwam Lane, Nottingham, NG15 7SZ
Registered Waste Carrier/Broker: CBDU90660 Ashfield District Council
SIC (2007) 38.32 Recovery of sorted materials / 38.11 Collection of non haz waste

Section D - DETAILS OF TRANSFER/DISPOSAL

BROKER: TOTAL Aggregates, Melvyn Robert House, Wigwam Lane, Nottingham, NG15 7SZ
Registered Waste Carrier/Broker: CBDU90660

Transfer/Disposal Address:	(FW 275)		
TETON RUNDY			
Date of Transfer:	28.6.23	Time of Transfer:	

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.

Signed for the Customer/Holder of Waste

Signed for the Haulier/Collector of Waste

Print Name:

Print Name: Total Aggregates

TOTAL Aggregates

Waste Transfer Note

Office:

Melvyn Robert House, Bakerbrook Industrial Estate
Wigwam Lane, Hucknall, Nottingham NG15 7SZ

Tel: 0115 963 7444

Fax: 0115 963 7445

34647

WASTE CARRIER LICENCE No.
CBDU90660

Section A - Description of Waste

Naturally occuring soil/stone/clay	17.05.04	
Concrete/Bricks/Tiles	17.01.07	
Concrete	17.01.01	
Bituminous Mixture	17.03.02	
Bricks	17.01.02	
Other	CNH	

Vehicle Reg:	YN28157
Date	28-6-23
Time:	
Container:	TIPPER
Size:	8 WHEEL
Weight:	16AD

Section B - Customer/Current Holder of Waste
Are you?

Producer of the waste:	
Importer of the waste:	
Holder of Environmental Permit?	Y/N
Details:	
A Registered Waste Carrier?	Y/N
Details:	
Registered Waste Exemption?	Y/N
Exemption details:	

Business/Site Address:
MORESPACE
GARAGE CONVERSIONS
196 HIGH RD
WESTON

Local Authority:

SIC Code 2007

Demolition	43.11/0	
Construction (comm)	41.20/1	
Construction (resid)	41.20/2	

Tram construction	42.12	
Non Haz T. Stn	38.11	
Other		

Section C - Haulier/Collector of Waste

TOTAL Aggregates, Melvyn Robert House, Wigwam Lane, Nottingham, NG15 7SZ
Registered Waste Carrier/Broker: CBDU90660 Ashfield District Council
SIC (2007) 38.32 Recovery of sorted materials / 38.11 Collection of non haz waste

Section D - DETAILS OF TRANSFER/DISPOSAL

BROKER: TOTAL Aggregates, Melvyn Robert House, Wigwam Lane, Nottingham, NG15 7SZ
Registered Waste Carrier/Broker: CBDU90660

Transfer/Disposal Address:
TETON
FINNINGLEY
FIN275

Date of Transfer:	28-6-23	Time of Transfer:	
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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.

Signed for the Customer/Holder of Waste

Signed for the Haulier/Collector of Waste

Print Name:

Print Name: Total Aggregates

TOTAL Aggregates

Waste Transfer Note

Office:

Melvyn Robert House, Bakerbrook Industrial Estate
Wigwam Lane, Hucknall, Nottingham NG15 7SZ

Tel: 0115 963 7444

Fax: 0115 963 7445

34667

WASTE CARRIER LICENCE No.
CBDU90660

Section A - Description of Waste

Naturally occuring soil/stone/clay	17.05.04	☒
Concrete/Bricks/Tiles	17.01.07	☐
Concrete	17.01.01	☐
Bituminous Mixture	17.03.02	☐
Bricks	17.01.02	☐
Other		☒

Vehicle Reg:	K17CZS
Date	28-6-23
Time:	
Container:	8 Wheeler
Size:	
Weight:	20T

Section B - Customer/Current Holder of Waste Are you?

Producer of the waste:	☒
Importer of the waste:	☐
Holder of Environmental Permit?	Y/N
Details:	
A Registered Waste Carrier?	Y/N
Details:	
Registered Waste Exemption?	Y/N
Exemption details:	

Business/Site Address:

MOORSALL
196 High Rd
Weston

Local Authority:

SIC Code 2007

Demolition	43.11/0	☐
Construction (comm)	41.20/1	☒
Construction (resid)	41.20/2	☐

Tram construction	42.12	☐
Non Haz T. Stn	38.11	☐
Other		☐

Section C - Haulier/Collector of Waste

TOTAL Aggregates, Melvyn Robert House, Wigwam Lane, Nottingham, NG15 7SZ
Registered Waste Carrier/Broker: CBDU90660 Ashfield District Council
SIC (2007) 38.32 Recovery of sorted materials / 38.11 Collection of non haz waste

Section D - DETAILS OF TRANSFER/DISPOSAL

BROKER: TOTAL Aggregates, Melvyn Robert House, Wigwam Lane, Nottingham, NG15 7SZ
Registered Waste Carrier/Broker: CBDU90660

Transfer/Disposal Address:

(Fin 275) Telton Finnerley
Finnerley Ashfield Rd
Ashfield

Date of Transfer:

28-6-23

Time of Transfer:

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.

Signed for the Customer/Holder of Waste

Signed for the Haulier/Collector of Waste

Print Name:

Print Name: Total Aggregates

geologist

From: andrew hubbard <andyhubb30@yahoo.co.uk>
Sent: 11 January 2024 12:48
To: geologist
Subject: Re: High Road Weston

Hi Tim,

That's great thanks. Will the report go back to Susan so she can release the pre commencement condition now?

I'm away next week but around on email and phone

Regards

Andy Hubbard

On Thursday, 11 January 2024 at 12:37:16 WET, geologist <geologist@langdalesmith.co.uk> wrote:

Hi Andy

Soil results just in.

Everything is fine!

Report next week I'm afraid.

Tim

From: andrew hubbard
Sent: Tuesday, January 2, 2024 5:15 PM
To: geologist <geologist@langdalesmith.co.uk>
Subject: Re: High Road Weston

Hi Tim,

Please see attached the contaminated soil removal tickets and the BS3882 certified soil bought into site, 240 tonnes, I think there may be more tickets in the site cabin or with my accountant. There was only 6 x 20 tonne lorry loads removed from site, this went to a site in Doncaster.

With the 300mm floor level height and and additional 250mm approved by planning there wasn't too much scraped off as the recommendation was for 300mm of certified soil.

The remaining soil that was scraped off was used under paved areas and under plot 2 block and beam floor still leaving an air space for building regulations. As you could see the bungalows dominate the site so the garden areas are not that huge.

All aggregates to and from the site are carried out by Total Aggregates. Any questions then you can contact Ben at ben@totalaggregates.com

Keep me posted on the testing please

The most important questions I have is can I still proceed to soil up the front gardens and get the turf down and will Susan approve of everything that's been done as I should of finished this site in September and they have held us up by several months?

Regards

Andy Hubbard



From: donotreply@totalaggregates.com
To: andyhubb30@yahoo.co.uk

Please see below the confirmation of your order. Together this confirmation and our terms and conditions form the order and conditions please [click here](#).

TOTAL Aggregates Ltd

quarried/recycled aggregates • contract earthworks • crusher hire • plant hire

Deliver To

Morespace Garage Conversions

196 High Road, Weston , Spalding, Lincs, PE12 6JU

Material	Quantity	Unit	Unit Price	Total Price
BS3882 Topsoil	2.00	Load	£320.00	£640.00



From: donotreply@totalaggregates.com

To: andyhubb30@yahoo.co.uk

Please see below the confirmation of your order. Together this confirmation and our terms and conditions form and conditions please [click here](#).

TOTAL Aggregates Ltd

quarried/recycled aggregates • contract earthworks • crusher hire • plant

Deliver To

Morespace Garage Conversions

196 High Road, Weston , Spalding, Lincs, PE12 6JU

Material	Quantity	Unit	Unit Price
BS3882 Topsoil	3.00	Load	£320.00



From: donotreply@totalaggregates.com
To: andyhubb30@yahoo.co.uk

Please see below the confirmation of your order. Together this confirmation and our terms and conditions form the contract. For full terms and conditions please [click here](#).

TOTAL Aggregates Ltd

quarried/recycled aggregates • contract earthworks • crusher hire • plant hire

Deliver To

Morespace Garage Conversions

196 High Road, Weston , Spalding, Lincs, PE12 6JU

Material	Quantity	Unit	Unit Price	Total Price
BS3882 Topsoil	3.00	Load	£320.00	£960.00



From: donotreply@totalaggregates.com
To: andyhubb30@yahoo.co.uk

Please see below the confirmation of your order. Together this confirmation and our terms and conditions form the and conditions please [click here](#).

TOTAL Aggregates Ltd

quarried/recycled aggregates • contract earthworks • crusher hire • plant hire

Deliver To

Morespace Garage Conversions

196 High Road, Weston , Spalding, Lincs, PE12 6JU

Material	Quantity	Unit	Unit Price	Dr
BS3882 Topsoil	3.00	Load	£320.00	28



From: donotreply@totalaggregates.com
To: andyhubb30@yahoo.co.uk

Please see below the confirmation of your order. Together this confirmation and our terms and conditions form the order and conditions please [click here](#).

TOTAL Aggregates Ltd

quarried/recycled aggregates • contract earthworks • crusher hire • plant hire

Deliver To

Morespace Garage Conversions
196 High Road, Weston , Spalding, Lincs, PE12 6JU

Material	Quantity	Unit	Unit Price
BS3882 Topsoil	2.00	Load	£320.00

Company No. 5087953

On Tuesday, 2 January 2024 at 15:52:40 WET, geologist <geologist@langdalesmith.co.uk> wrote:

Hi Andy

Season's Greetings.

The information I need for the Verification Report is:

- What was the depth of the soil scraped off and where did it go to?
- Source of the existing Topsoil (when I went and met Lewis) and necessary documentation;
- Source of any more Topsoil etc etc.

The Topsoil I saw when I went to site looked fine although there were more stones in it than I would expect so another layer on top of that wouldn't hurt.

The labs were closed over Christmas so the results will not be ready until next week.

Make sure any new Topsoil is of suitable quality as Topsoil Dressing, with chemical and physical testing certificates – British Sugar in Newark have done a deal with the NHBC to certify that their Topsoil is suitable and tested.

Thanks

Tim

Langdale-Smith and Co Limited
Consulting Engineering and Environmental Geologists

Wrangham House,
Market Place,
Wragby
LN8 5QU
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0772 527 8648
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geologist@langdalesmith.co.uk