

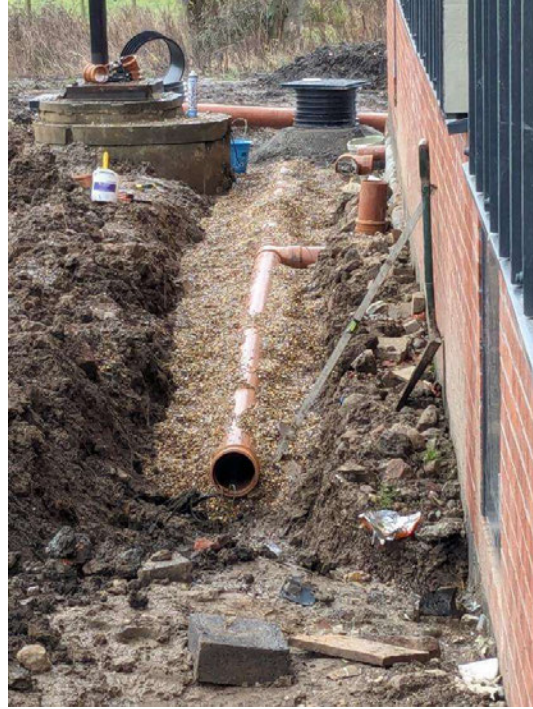
East Horton Business Park – Condition 5 – F/23/94668

Please find below the further information requested following the request for further information received in order to discharge condition 5 of F/23/94668

1.0 Clean Granular Backfill To Be Used In All Service Runs

When installing new service runs new granular backfill was used. Photo evidence is provided below.





2.0 Dust Suppression Techniques To Be Used

Throughout the construction process a number of dust suppression techniques have been used, this includes hose sprinklers on areas of excavation and also mobile sweepers to spray and then vacuum dust on areas of Asphalt.

The majority of the construction process has been through the winter months when the materials have remained damp. In This cases the mobile sweeper has been deployed to ensure that no materials and taken out onto the highway and the site is kept clean and free of debris.

3.0 Material Management Plan

All excavations and materials have been completed in accordance with a materials management plan, due to the topography and the design of the raft foundations, there has been minimal waste compared to traditional foundations.

4.0 Soils Removed From Site

As the foundations for the buildings require far less excavation than traditional foundations the soils removed from site have been minimal. Service trenches have also created some excess material which was also removed from site.

A WAC test was completed before the materials were removed along with a copies of the ground investigation report. The waste carriers licences were checked online prior to any removal taking place.



CERTIFICATE OF ANALYSIS

Validated

SDG: 230721-49 Report Number: 699194 Superseded Report: 698332
Client Ref.: GWP85501 East Horton Busi Location: East Horton Business Park, Knowle Lane, Fair Oak

CEN 10:1 SINGLE STAGE LEACHATE TEST

WAC ANALYTICAL RESULTS

REF : BS EN 12457/2

Client Reference
Mass Sample taken (kg) 0.102
Mass of dry sample (kg) 0.090
Particle Size <4mm >95%

Site Location
Natural Moisture Content (%) 13.9
Dry Matter Content (%) 87.8

East Horton Business Park, Knc

Case
SDG 230721-49
Lab Sample Number(s) 28358897
Sampled Date 20-Jul-2023
Customer Sample Ref. TP1
Depth (m) 1.00 - 1.00

Landfill Waste Acceptance Criteria Limits

Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill
3	5	8
-	-	10
6	-	-
1	-	-
500	-	-
190	-	-
-	>6	-
-	-	-
-	-	-

Solid Waste Analysis

Result

Total Organic Carbon (%) 1.06
Loss on Ignition (%) 4.27
Sum of BTEX (mg/kg) <0.007
Sum of 7 PCBs (mg/kg) <0.021
Mineral Oil (mg/kg) (E1, 20, AL) 7.95
PAH Sum of 17 (mg/kg) <10
pH (pH Units) 7.95
ANC to pH 6 (mol/kg) 0.0866
ANC to pH 4 (mol/kg) 0.142

Eluate Analysis

C2 Concⁿ in 10:1 eluate (mg/l)

A2 10:1 concⁿ leached (mg/kg)

Limit values for compliance leaching test using BS EN 12457-3 at L/S 10 l/kg

	Result	Limit of Detection	Result	Limit of Detection	
Arsenic	0.00225	<0.0005	0.0225	<0.005	0.5 2 25
Barium	0.0259	<0.0002	0.259	<0.002	20 100 300
Cadmium	<0.00008	<0.00008	<0.0008	<0.0008	0.04 1 5
Chromium	<0.001	<0.001	<0.01	<0.01	0.5 10 70
Copper	0.00122	<0.0003	0.0122	<0.003	2 50 100
Mercury Dissolved (CVAF)	<0.00001	<0.00001	<0.0001	<0.0001	0.01 0.2 2
Molybdenum	0.012	<0.003	0.12	<0.03	0.5 10 30
Nickel	0.0014	<0.0004	0.014	<0.004	0.4 10 40
Lead	<0.0002	<0.0002	<0.002	<0.002	0.5 10 50
Antimony	0.00328	<0.001	0.0328	<0.01	0.08 0.7 5
Selenium	<0.001	<0.001	<0.01	<0.01	0.1 0.5 7
Zinc	0.00399	<0.001	0.0399	<0.01	4 50 200
Chloride	2.6	<2	26	<20	800 15000 25000
Fluoride	0.526	<0.5	5.26	<5	10 150 500
Sulphate (soluble)	43.4	<2	434	<20	1000 20000 50000
Total Dissolved Solids	185	<10	1850	<100	4000 60000 100000
Total Monohydric Phenols (W)	<0.016	<0.016	<0.16	<0.16	1 - -
Dissolved Organic Carbon	10.2	<3	102	<30	500 800 1000

Leach Test Information

Date Prepared 22-Jul-2023
pH (pH Units) 8.33
Conductivity (µS/cm) 238
Volume Leachant (Litres) 0.688

Solid Results are expressed on a dry weight basis, after correction for moisture content where applicable
Leachates prepared in accordance with BS EN 12457 will be carried out at room temperature (20±5°C)
Stated limits are for guidance only and ALS Laboratories (UK) Limited cannot be held responsible for any discrepancies with current legislation

05/08/2023 12:06:38

12:06:29 05/08/2023

**CERTIFICATE OF ANALYSIS**

Validated

SDG: 230721-49 Report Number: 699194 Superseded Report: 698332
Client Ref: GWP5501 East Horton Busi Location: East Horton Business Park, Knowle Lane, Fair Oak

CEN 10:1 SINGLE STAGE LEACHATE TEST**WAC ANALYTICAL RESULTS**

REF : BS EN 12457/2

Client Reference Site Location East Horton Business Park, Knc
Mass Sample taken (kg) 0.092 Natural Moisture Content (%) 2.45
Mass of dry sample (kg) 0.090 Dry Matter Content (%) 97.6
Particle Size <4mm >95%

Case
SDG 230721-49
Lab Sample Number(s) 28358910
Sampled Date 20-Jul-2023
Customer Sample Ref. TP3
Depth (m) 0.30 - 0.30

**Landfill Waste Acceptance
Criteria Limits**

Solid Waste Analysis	Result
Total Organic Carbon (%)	2.23
Loss on Ignition (%)	3.59
Sum of BTEX (mg/kg)	<0.07
Sum of 7 PCBs (mg/kg)	<0.42
Mineral Oil (mg/kg) (EH_20_AL)	277
PAH Sum of 17 (mg/kg)	12.4
pH (pH Units)	8.87
ANC to pH 6 (mol/kg)	0.0542
ANC to pH 4 (mol/kg)	0.0932

Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non- Hazardous Landfill	Hazardous Waste Landfill
3	5	8
-	-	10
6	-	-
1	-	-
500	-	-
100	-	-
-	>6	-
-	-	-
-	-	-

Eluate Analysis	C ₂ Conc ^a in 10:1 eluate (mg/l)		A ₂ 10:1 conc ^a leached (mg/kg)		Limit values for compliance leaching test using BS EN 12457-3 at L/S 10 l/kg		
	Result	Limit of Detection	Result	Limit of Detection			
Arsenic	0.00681	<0.0005	0.0681	<0.005	0.5	2	25
Barium	0.0108	<0.0002	0.108	<0.002	20	100	300
Cadmium	<0.00008	<0.00008	<0.0008	<0.0008	0.04	1	5
Chromium	0.00109	<0.001	0.0109	<0.01	0.5	10	70
Copper	0.00703	<0.0003	0.0703	<0.003	2	50	100
Mercury Dissolved (CVAF)	<0.00001	<0.00001	<0.0001	<0.0001	0.01	0.2	2
Molybdenum	0.00304	<0.003	0.0304	<0.03	0.5	10	30
Nickel	0.00191	<0.0004	0.0191	<0.004	0.4	10	40
Lead	0.000712	<0.0002	0.00712	<0.002	0.5	10	50
Antimony	0.00172	<0.001	0.0172	<0.01	0.06	0.7	5
Selenium	<0.001	<0.001	<0.01	<0.01	0.1	0.5	7
Zinc	0.0029	<0.001	0.029	<0.01	4	50	200
Chloride	2.9	<2	29	<20	800	15000	25000
Fluoride	<0.5	<0.5	<5	<5	10	150	500
Sulphate (soluble)	20.2	<2	202	<20	1000	20000	50000
Total Dissolved Solids	128	<10	1280	<100	4000	60000	100000
Total Monohydric Phenols (W)	<0.016	<0.016	<0.16	<0.16	1	-	-
Dissolved Organic Carbon	8.03	<3	80.3	<30	500	800	1000

Leach Test Information

Date Prepared 22-Jul-2023
pH (pH Units) 8.89
Conductivity (µS/cm) 168
Volume Leachant (Litres) 0.898

Solid Results are expressed on a dry weight basis, after correction for moisture content where applicable
Leachates prepared in accordance with BS EN 12457 will be carried out at room temperature (20±5°C)
Stated limits are for guidance only and ALS Laboratories (UK) Limited cannot be held responsible for any discrepancies with current legislation

05/08/2023 12:05:38

12:06:29 05/08/2023

BETA We continue to improve this service. If you have any feedback, please let us know by completing this [survey](#).

[Home](#) > [Search Waste Carriers, Brokers and Dealers](#) > Result from Waste Carriers and Brokers Public Register for England

Registration CBDU92880 – Ace Liftaway Ltd

Registration number	CBDU92880
Business name	Ace Liftaway Ltd
Company number	04297480 (opens in new tab)
Address	ACE LIFTWAY, YOKESFORD HILL, ROMSEY, SO51 0PF
Postcode	SO51 0PF
Registered as	Carrier, Broker, Dealer - Upper Tier
Applicant type	Company
Registration date	21/02/2022
Expiry date	01/04/2025

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Is this your registration?

Paste this snippet of code into your website's HTML/templates:

```
<iframe style="border: 1px solid #ddd;
```



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Registration CBDU82221 – TMR South Coast Group Ltd

Registration number	CBDU82221
Business name	TMR South Coast Group Ltd
Company number	09427066 (opens in new tab)
Address	Portsmouth Truck Stop, Walton Road, Farlington, Portsmouth, PO6 1UJ
Postcode	PO6 1UJ
Registered as	Carrier Dealer - Upper Tier
Applicant type	Company
Registration date	28/01/2022
Expiry date	12/02/2025

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<iframe style="border: 1px solid #ddd;
```



BETA We continue to improve this service. If you have any feedback, please let us know by completing this [survey](#).

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Registration CBDU59382 – Emmerson Transport Ltd

Registration number	CBDU59382
Business name	Emmerson Transport Ltd
Company number	08149969 (opens in new tab)
Address	9 Shawcross Industrial Estate, 9 Shawcross Industrial Estate, Ackworth Road, Portsmouth, PO35HU
Postcode	PO35HU
Registered as	Carrier Dealer - Upper Tier
Applicant type	Company
Registration date	10/02/2022
Expiry date	12/02/2025

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Paste this snippet of code into your website's HTML/templates:

```
<iframe style="border: 1px solid #ddd;"
```

Environment Agency registered
Waste Carrier, Broker or Dealer

Business Name	Emmerson Transport Ltd
Registration Number	CBDU59382
Company Number	08149969
Expiry Date	12/02/2025

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Environment Agency

5.0 Discovery Strategy

A Copy of the discovery strategy has been lodged within the site managers office throughout the construction process. The strategy is explained to all workers on site induction, along with periodic toolbox talks are also completed onsite. The discovery strategy is below.

East Horton Business Park – Discovery Strategy

Site –	East Horton Business Park, Knowle Lane, Fair Oak, SO50 7DZ
Manager –	Ken Raquet - [REDACTED]
Description –	Construction of 5 steel framed buildings over 5 blocks.

When building on previously developed land it is possible that unexpected soil conditions may be encountered during the construction process. These could include, oily pockets within soils, cement boarding or fibrous materials within the soil, black ashly or odours materials as well as old structures or brickwork.

Should you encounter any of these while completing your works this should be reported to the site Manger Ken Raquet on 07814420358 immediately in order for the necessary inspection can be made.

Work in the area should be stopped and made safe.

The environmental Consultants, Ground and Water Ltd will then be contacted on 0333 600 1221. Ground and Water Ltd will then confirm if it is safe to continue works or agree the require remedial actions with Eastleigh Borough Council.

Its imperative that the discovery strategy outlined above is adhered to for the safety of our workers and also the future users of the buildings. Should you be in any doubt as to any of the soil or ground conditions that you may encounter it is best to ask.

6.0 Topsoil

All areas of soft landscaping have been covered with a minimum of 150mm of imported topsoil. Given the sites previous usage there was no existing topsoil to be reused. A total of 155M3 of BS3882 topsoil has been imported for the landscaped areas.

Below is a copy of the site diary plan recording the locations and depths, along with photos of the depths of the topsoil in that area The BS3882 certification has also been included.

Site diary of topsoil inspection locations -



Photos of the measurements of the topsoil.









ACS Testing Ltd
Unit 14
Blackhill Road West
Holton Heath Trading Park
Poole
Dorset
BH16 6LE



Certificate of Analysis
TOPSOIL ANALYSIS (BS 3882:2015)

Certificate Number : 23-02547-Issue 1-Page: 1

Report For:

Site Address^A: CWM Agg - 79 Mortimers Lane

Customer Order No: 23-98037

Date of Sampling^A: 29/08/2023

Date Received: 05/09/2023

Date of Analysis: 06/09/2023 - 28/09/2023

Report Date: 28/09/2023

Please find your certificates of test attached for your samples received in the laboratory on 05/09/2023 under our laboratory reference 23-02547.

Remarks:

None

Results reviewed by:



Eith Byrne Laboratory Manager

Results approved by:



Anthony Edwards
General Manager

*Any opinions or interpretations indicated are outside the scope of our UKAS accreditation.
This certificate should not be reproduced, except in full, without the express permission of the laboratory.
The results included within the report are representative of the samples submitted for analysis.
Excel copies of reports are valid only when accompanied by this PDF certificate.
Client's Sample Description / ACS Material Description are noted for reference only.*

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ACS Environmental Testing Limited
Registered in England and
Wales No. 6000065



Certificate No. 23-02547-Issue 1-Page: 2
 Site Address^A CWM Agg - 79 Mortimers Lane
 ACSE Sample Number 77147
 Sample ID 740143 - 23-98037
 Client's Sample Ref.^A Sample 3
 Location / Sample Depth (m)^A Ex-Site
 Time Sampled^A 1345
 Date Sampled^A 29/08/2023
 Sample Deviating Codes ef
 Client's Sample Description^A
 ACS Testing Material Description^A Topsoil
 Principal Matrix (as received) LOAM



TOPSOIL ANALYSIS (BS 3882:2015)

Analyte	Method	Units	AS	Result	Specification for BS 3882:2015					
					Specific Purpose					
					Multipurpose Topsoil	Acidic	Calcareous	Low Fertility	Low Fertility Acidic	Low Fertility Calcareous
Soil Texture	Sandy Loam									
Clay Content	SC	%		12	5-35	5-35	5-35	5-35	5-35	5-35
Silt Content	SC	%		36	0-65	0-65	0-65	0-65	0-65	0-65
Sand Content	SC	%		52	0-90	0-90	0-90	0-90	0-90	0-90
Maximum Coarse Fragment Content										
> 2 mm	SC	%		23.0	0-30	0-30	0-30	0-30	0-30	0-30
> 20 mm	SC	%		0.00	0-10	0-10	0-10	0-10	0-10	0-10
> 50 mm	SC	%		0.00	0	0	0	0	0	0
Mass Loss of Ignition										
Clay (5 - 20 %)	IHP	%		4.9	3-20	3-30	3-20	2-20	2-30	2-20
Soil pH	BS 1377-3	pH		8.0	5.5-8.5	3.5-5.5	7.5-9.0	3.5-9.0	3.5-5.5	7.5-9.0
Carbonate	IHP	%		6.10	-	-	>1	-	-	>1
Plant Nutrient Content										
Nitrogen (% m/m)	IHP	%		0.16	>0.15	>0.15	>0.15	-	-	-
Extractable Phosphate	IHP	mg/l		62.6	16-140	16-140	16-140	<=20	<=20	<=20
Extractable Potassium	IHP	mg/l		115	121-1500	121-1500	121-1500	-	-	-
Extractable Magnesium	IHP	mg/l		55.2	51-600	51-600	51-600	-	-	-
Carbon:Nitrogen Ratio	Calculation	N/A		17.9	<20:1	<20:1	<20:1	<35:1	<35:1	<20:1
Electrical Conductivity	MT/ACSE/303	us/cm		2130	3300					
Potentially Phytotoxic Elements (by soil pH)										
					Soil pH <6.0	Soil pH 6.0 to 7.0		Soil pH >7.0		
Zinc	MT/ACSE/201	mg/kg		74.2	<200	<200		<300		
Copper	MT/ACSE/201	mg/kg		18.3	<100	<135		<200		
Nickel	MT/ACSE/201	mg/kg		8.80	<60	<75		<110		
Visible Contaminants										
>2mm	SC	%		0.00		<0.5				
Plastics	SC	%		0.00		<0.25				
Sharps	SC	%		0.00		0				

Key (at clients request): a Simple Acceptance Rule has been applied in accordance with ILAC-G8: 09/2019 where measurement uncertainty has been ignored.

 The measured value exceeds the given specification. Topsoil criteria limits are provided for guidance only.
 Comments: (comments are beyond the scope of our accreditation)

Head Office	Registered Office
Unit 14B	Unit 14B
Blackhill Road West	Blackhill Road West
Holton Heath Trading Park	Holton Heath Trading Park
Poole	Poole
Dorset BH16 6LE	Dorset BH16 6LE
Tel 01202 628680	ACS Environmental Testing Limited
Fax 01202 628680	Registered in England and
	Wales No. 6000065

Technical Information for Analytical Results

Analysis

* - denotes analysis covered by our UKAS accreditation.
- denotes analysis covered by our MCERTS certification & UKAS accreditation.
Loss on Ignition (MT/ACSE/302) is carried out at our laboratory at Unit D11 Admiralty Park, Station Road, Holton Heath, Poole, Dorset BH16 6HX.
AD - Sample tested in air dried condition.
AR - Sample tested in as-received condition.
AS - Accreditation status.
D - Sample tested in dry condition.
L - Laboratory prepared leachates.
SC - Sub contracted.
^ - Clients supplied information.
All MCERTS certified test values reported on a dry weight basis.
The preparation of 10:1 Leachates (to BS EN 12457-2:2002) and 2:1 leachates (to BS EN 12457-1:2002) fall outside the scope of our UKAS accreditation.
Soils and leachates are prepared at our laboratory at Unit D11 Admiralty Park, Station Road, Holton Heath, Poole, Dorset BH16 6HX.
Method uncertainty available on request.

Deviating Codes

Deviating Samples

The use of any of the following symbols indicates that the sample was deviating and it is possible therefore that the results provided may not be representative of the sample taken.

- a - The date and /or time of sampling has not been provided, therefore it is not known if the time lapse between sampling and analysis has exceeded the acceptable holding time(s)¹.
- b - The test item was received in a container which has not been recommended².
- c - On receipt, the temperature of the sample received was found to fall outside the recommendations of BS ISO 18512:2007, Soil Quality. Guidance on long and short term storage of soil samples³.
- d - The sample was received in a container that had not been filled as recommended⁴.
- e - The delay between sampling and sample receipt is greater than the recommended holding time for the analyte of interest in this matrix⁵.
- f - The delay between sampling and analysis is greater than the recommended holding time for the analyte of interest in this matrix⁶.

In accordance with the requirements of Technical Policy Statement TPS 63; UKAS Policy on Deviating Samples, all UKAS accredited testing laboratories are required to notify their clients that calibration or test results may be invalid where samples are found to be deviating. It is the opinion of ACSE that the term invalid should be interpreted as 'not fully representative of the sample taken at source'.

The following Additional Deviating Sample Codes may also be used.

- VS - Insufficient sample mass/volume received for accurate quantification of this analyte.
- US - The sample received was deemed unsuitable for accurate determination of this analyte using the Test Methods available.
- SC - The sample received was subcontracted for analysis.

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Tel 01202 628680	ACS Environmental Testing Limited
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	Wales No. 6000065