

ACS TESTING LIMITED SUMMARY OF ANALYSIS for Job No.19-56531

Client : Westridge Ltd
Site : Lynn Pitt Transfer Station
Certificate Address Westridge Ltd
Lynn Pitt Transfer Station
Bridlesford Road
Newport
Isle of Wight

Contact David Butler
Contact Telephone No. 01983525515
Contact e-mail dbutler@westridge-skip-hire.co.uk

Sample No.	Material Source	Clients Reference	Sample Location	Date Sampled	Sampled By	Date Received	Material Description	Clients Specification	Test Ref	Test Name
485187	Ex-Site	Sample 6	Stockpile	11/09/2019	MW	11/09/2019	Recycled Subbase Type 1	SHW: Series 800: Sub-Base Type 1	U210_AGG	Recycled Aggregate Contamination Suite

ACS GROUP - AGGREGATE CONTAMINATION SUITE - RESULT SUMMARY

ACS Suite Ref: U210 AGG

Site Lynn Pit Transfer Station

ACSE Sample Number				44341					
Sample ID				485187 - 19-56531					
Clients Sample Ref.				Sample 6					
Material Source				Ex-Site					
Location / Sample Depth (m)				Stockpile					
Date Sampled				11/09/2019					
Time Sampled				0930					
Sample Deviating Codes				f					
Clients Sample Description									
ACS Testing Material Description				Public Open Space Near Residential Housing			Public Park		
ACSE Material Description (Principal Matrix - As Received)				GRAVEL					
Determination	UNITS	DETRF	METHOD	1% SOM	2.5% SOM	6% SOM	1% SOM	2.5% SOM	6% SOM
FOC	%	MT/ACSE/102	AR						
Soil Organic Matter	%	MT/ACSE/102	AR						
Arsenic	mg/kg	MT/ACSE/201	AD		79			170	
Beryllium	mg/kg	MT/ACSE/201	AD		2.2			63	
Cadmium	mg/kg	MT/ACSE/201	AD		120			560	
Chromium	mg/kg	MT/ACSE/201	AD		1500			33000	
Copper	mg/kg	MT/ACSE/201	AD		12000			44000	
Mercury	mg/kg	MT/ACSE/202	AD		120			240	
Nickel	mg/kg	MT/ACSE/201	AD		230			800	
Lead	mg/kg	MT/ACSE/201	AD		630			1300	
Selenium	mg/kg	MT/ACSE/201	AD		1100			1800	
Vanadium	mg/kg	MT/ACSE/201	AD		2000			5000	
Zinc	mg/kg	MT/ACSE/201	AD		81000			170000	
Chromium III	mg/kg	NAM/ACSE/X11	AD		1500			33000	
Chromium Hexavalent	mg/kg	NAM/ACSE/X11	AD		7.7			220	
pH (@ 20°C)	units	MT/ACSE/301	AD						
Naphthalene	mg/kg	MT/ACSE/108	AR						
Acenaphthylene	mg/kg	MT/ACSE/108	AR	15000	15000	15000	29000	30000	30000
Acenaphthene	mg/kg	MT/ACSE/108	AR	0.35	15000	15000	15000	29000	30000
Fluorene	mg/kg	MT/ACSE/108	AR	0.24	9900	9900	9900	20000	20000
Phenanthrene	mg/kg	MT/ACSE/108	AR	2.61	3100	3100	3100	6200	6200
Anthracene	mg/kg	MT/ACSE/108	AR	1.48	74000	74000	74000	150000	150000
Fluoranthene	mg/kg	MT/ACSE/108	AR	3.79	3100	3100	3100	6300	6300
Pyrene	mg/kg	MT/ACSE/108	AR	3.23	7400	7400	7400	15000	15000
Benzo (a) anthracene	mg/kg	MT/ACSE/108	AR	1.67	29	29	29	49	56
Chrysene	mg/kg	MT/ACSE/108	AR	1.55	57	57	57	93	110
Benzo (b) fluoranthene	mg/kg	MT/ACSE/108	AR	1.76	7.1	7.2	7.2	13	15
Benzo (k) fluoranthene	mg/kg	MT/ACSE/108	AR	0.76	190	190	190	370	440
Benzo (a) pyrene	mg/kg	MT/ACSE/108	AR	1.06	5.7	5.7	5.7	11	12
Indeno (1 2 3-CD) pyrene	mg/kg	MT/ACSE/108	AR	0.83	82	82	82	150	170
Dibenzo(a h)anthracene	mg/kg	MT/ACSE/108	AR	< 0.10	0.57	0.57	0.58	1.1	1.3
Benzo(g h i)perylene	mg/kg	MT/ACSE/108	AR	0.8	640	640	640	1400	1500
Total PAH	mg/kg	MT/ACSE/108	AR	20.1					
MTBE	mg/kg	NAM/ACSE/X12	AR	< 0.01					
Hexane	mg/kg	NAM/ACSE/X06	AR	< 0.01					
Heptane	mg/kg	NAM/ACSE/X06	AR	< 0.01					
Octane	mg/kg	NAM/ACSE/X06	AR	< 0.01					
Benzene	mg/kg	NAM/ACSE/X06	AR	< 0.01	72	72	73	90	100
Toluene	mg/kg	NAM/ACSE/X06	AR	< 0.01	56000	56000	56000	87000	95000
Ethylbenzene	mg/kg	NAM/ACSE/X06	AR	< 0.01	24000	24000	25000	17000	22000
m+p-xylene	mg/kg	NAM/ACSE/X06	AR	< 0.01	41000	42000	43000	17000	23000
o-xylene	mg/kg	NAM/ACSE/X06	AR	< 0.01	41000	42000	43000	17000	24000
Total BTEX	mg/kg	NAM/ACSE/X06	AR	< 0.05					
C5-C6 Aliphatic	mg/kg	NAM/ACSE/X07	AR	< 0.10	570000	590000	60000	95000	130000
>C6-C8 Aliphatic	mg/kg	NAM/ACSE/X07	AR	< 0.10	600000	610000	620000	150000	220000
>C8-C10 Aliphatic	mg/kg	NAM/ACSE/X07	AR	< 10.0	13000	13000	13000	1400	18000
>C10-C12 Aliphatic	mg/kg	NAM/ACSE/X07	AR	< 10.0	13000	13000	13000	21000	23000
>C12-C16 Aliphatic	mg/kg	NAM/ACSE/X07	AR	< 10.0	13000	13000	13000	250000	25000
>C16-C21 Aliphatic	mg/kg	NAM/ACSE/X07	AR	< 10.0	250000	250000	250000	450000	480000
>C21-C35 Aliphatic	mg/kg	NAM/ACSE/X07	AR	20.2	250000	250000	250000	450000	480000
C6-C7 Aromatic	mg/kg	NAM/ACSE/X07	AR	< 0.10	56000	56000	56000	76000	84000
C7-C8 Aromatic	mg/kg	NAM/ACSE/X07	AR	< 0.10	56000	56000	56000	87000	95000
>C8-C10 Aromatic	mg/kg	NAM/ACSE/X07	AR	< 10.0	5000	5000	5000	7200	8500
>C10-C12 Aromatic	mg/kg	NAM/ACSE/X07	AR	< 10.0	5000	5000	5000	9200	9700
>C12-C16 Aromatic	mg/kg	NAM/ACSE/X07	AR	< 10.0	5100	5100	5000	10000	10000
>C16-C21 Aromatic	mg/kg	NAM/ACSE/X07	AR	< 10.0	3800	3800	3800	76000	7700
>C21-C35 Aromatic	mg/kg	NAM/ACSE/X07	AR	< 10.0	3800	3800	3800	78000	7800
Total Speciated TPH	mg/kg	NAM/ACSE/X07	AR	20.2					
Asbestos Fibre ID	SC	SC	SC	None Detected					

Certificate of Analysis

Certificate Number : 19-11475-Issue 1-Page: 1

Report Fao: ACS Testing Ltd
Site Address^: Lynn Pit Transfer Station
Client Order No: 19-56531
Date of Sampling^: 11/09/2019
Date Received: 16/09/2019
Report Date: 26/09/2019

Please find your certificates of test attached for your samples received in the laboratory on 16/09/2019 under our laboratory reference 19-11475.

Remarks:

None

Results reviewed by:



Eoin Byrne Technical Supervisor

Test Certificates approved by:



David Redfern Technical Supervisor

*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.*

Head Office

Unit 14B
Blackhill Road West
Holton Heath Trading Park
Poole
Dorset BH16 6LE

Tel 01202 628680
Fax 01202 628642

Registered Office

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

**Quality Testing & Materials Consultancy
to the
Construction Industry**

ACSE Sample Number 44341
 Sample ID 485187 - 19-56531
 Clients Sample Ref.^ Sample 6
 Location / Sample Depth (m)^ Stockpile
 Date Sampled^ 11/09/2019
 Time Sampled^ 0930
 Sample deviating codes f
 Client's Sample Description^
 ACS Testing Material Description^ Recycled Subbase Type 1
 ACSE Material Description (Principal Matrix - As Received) GRAVEL

Determination	Units	Method	Prepared As	Result	AS
Carbon					
Soil Organic Matter	%	MT/ACSE/102	AR	5.13	
FOC	%	MT/ACSE/102	AR	0.0298	
Metals (Soil)					
Arsenic	mg/kg	MT/ACSE/201	AD	31.2	*
Beryllium	mg/kg	MT/ACSE/201	AD	0.60	
Cadmium	mg/kg	MT/ACSE/201	AD	< 1.00	*
Chromium	mg/kg	MT/ACSE/201	AD	50.3	*
Copper	mg/kg	MT/ACSE/201	AD	12.4	*
Mercury	mg/kg	MT/ACSE/202	AD	0.51	*
Nickel	mg/kg	MT/ACSE/201	AD	16.8	*
Lead	mg/kg	MT/ACSE/201	AD	50.4	*
Selenium	mg/kg	MT/ACSE/201	AD	< 6.00	*
Vanadium	mg/kg	MT/ACSE/201	AD	49.7	
Zinc	mg/kg	MT/ACSE/201	AD	51.0	*
Chromium III	mg/kg	NAM/ACSE/X11	AD	50.3	
Chromium Hexavalent	mg/kg	NAM/ACSE/X11	AD	< 1.00	
pH and Conductivity					
pH (@ 20°C)	units	MT/ACSE/301	AD	8.4	*f
Poly Aromatic Hydrocarbons					
Naphthalene	mg/kg	MT/ACSE/108	AR	< 0.10	*
Acenaphthylene	mg/kg	MT/ACSE/108	AR	< 0.10	*
Acenaphthene	mg/kg	MT/ACSE/108	AR	0.35	*
Fluorene	mg/kg	MT/ACSE/108	AR	0.24	*
Phenanthrene	mg/kg	MT/ACSE/108	AR	2.61	*
Anthracene	mg/kg	MT/ACSE/108	AR	1.48	*
Fluoranthene	mg/kg	MT/ACSE/108	AR	3.79	*
Pyrene	mg/kg	MT/ACSE/108	AR	3.23	*
Benzo (a) anthracene	mg/kg	MT/ACSE/108	AR	1.67	*
Chrysene	mg/kg	MT/ACSE/108	AR	1.55	*
Benzo (b) fluoranthene	mg/kg	MT/ACSE/108	AR	1.76	*
Benzo (k) fluoranthene	mg/kg	MT/ACSE/108	AR	0.76	*
Benzo (a) pyrene	mg/kg	MT/ACSE/108	AR	1.06	*
Indeno (1 2 3-CD) pyrene	mg/kg	MT/ACSE/108	AR	0.83	*
Dibenzo(a h)anthracene	mg/kg	MT/ACSE/108	AR	< 0.10	*
Benzo(g h i)perylene	mg/kg	MT/ACSE/108	AR	0.80	*
Total PAH	mg/kg	MT/ACSE/108	AR	20.1	*
Speciated BTEX					
MTBE	mg/kg	NAM/ACSE/X12	AR	< 0.01	
Hexane	mg/kg	NAM/ACSE/X06	AR	< 0.01	
Heptane	mg/kg	NAM/ACSE/X06	AR	< 0.01	
Octane	mg/kg	NAM/ACSE/X06	AR	< 0.01	
Benzene	mg/kg	NAM/ACSE/X06	AR	< 0.01	
Toluene	mg/kg	NAM/ACSE/X06	AR	< 0.01	
Ethylbenzene	mg/kg	NAM/ACSE/X06	AR	< 0.01	

Head Office
 Unit 14B
 Blackhill Road West
 Holton Heath Trading Park
 Poole
 Dorset BH16 6LE
 Tel 01202 628680
 Fax 01202 628680

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

Quality Testing & Materials Consultancy
 to the
 Construction Industry

ACSE Sample Number 44341
 Sample ID 485187 - 19-56531
 Clients Sample Ref.^ Sample 6
 Location / Sample Depth (m)^ Stockpile
 Date Sampled^ 11/09/2019
 Time Sampled^ 0930
 Sample deviating codes f
 Client's Sample Description^
 ACS Testing Material Description^ Recycled Subbase Type 1
 ACSE Material Description (Principal Matrix - As Received) GRAVEL

Determination	Units	Method	Prepared As	Result	AS
m+p-xylene	mg/kg	NAM/ACSE/X06	AR	< 0.01	
o-xylene	mg/kg	NAM/ACSE/X06	AR	< 0.01	
Total BTEX	mg/kg	NAM/ACSE/X06	AR	< 0.05	
Speciated Petroleum Hydrocarbons					
C5-C6 Aliphatic	mg/kg	NAM/ACSE/X07	AR	< 0.10	
>C6-C8 Aliphatic	mg/kg	NAM/ACSE/X07	AR	< 0.10	
>C8-C10 Aliphatic	mg/kg	NAM/ACSE/X07	AR	< 10.0	
>C10-C12 Aliphatic	mg/kg	NAM/ACSE/X07	AR	< 10.0	
>C12-C16 Aliphatic	mg/kg	NAM/ACSE/X07	AR	< 10.0	
>C16-C21 Aliphatic	mg/kg	NAM/ACSE/X07	AR	< 10.0	
>C21-C35 Aliphatic	mg/kg	NAM/ACSE/X07	AR	20.2	
C6-C7 Aromatic	mg/kg	NAM/ACSE/X07	AR	< 0.10	
C7-C8 Aromatic	mg/kg	NAM/ACSE/X07	AR	< 0.10	
>C8-C10 Aromatic	mg/kg	NAM/ACSE/X07	AR	< 10.0	
>C10-C12 Aromatic	mg/kg	NAM/ACSE/X07	AR	< 10.0	
>C12-C16 Aromatic	mg/kg	NAM/ACSE/X07	AR	< 10.0	
>C16-C21 Aromatic	mg/kg	NAM/ACSE/X07	AR	< 10.0	
>C21-C35 Aromatic	mg/kg	NAM/ACSE/X07	AR	< 10.0	
Total Speciated TPH	mg/kg	NAM/ACSE/X07	AR	20.2	
Subcontracted Analysis					
Asbestos Fibre ID	SC	SC	SC	Attached	

Technical Information for Analytical Results

Analysis

* - denotes analysis covered by our UKAS accreditation.
- denoted analysis covered by our MCERTS certification.
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 leachate.
SC = Sub contracted.
^ = Clients supplied information.
All MCERTS certified test values reported on a dry weight basis.
UKAS 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)*.
- b – The test item was received in a container which has not been recommended*.
- 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 samples*.
- d – The sample was received in a container that had not been filled as recommended*.
- e – The delay between sampling and sample receipt is greater than the recommended holding time for the analyte of interest in this matrix*.
- f – The delay between sampling and analysis is greater than the recommended holding time for the analyte of interest in this matrix*.

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.

- I/S – Insufficient sample mass/volume received for accurate quantification of this analyte.
- U/S – The sample received was deemed unsuitable for accurate determination of this analyte using the Test Methods available.

Head Office

Unit 14B
Blackhill Road West
Holton Heath Trading Park
Poole
Dorset BH16 6LE

Tel 01202 628680
Fax 01202 628680

Registered Office

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

**Quality Testing & Materials Consultancy
to the
Construction Industry**



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

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

THE ENVIRONMENTAL LABORATORY LTD

Analytical Report Number: 19-24926

Issue: 1

Date of Issue: 20/09/2019

Contact: Harry Bagley

Customer Details: ACS Environmental testing Ltd
Unit 14b Blackhill Road West
Holton heath Trading park
Poole
DorsetBH16 6LE

Quotation No: Q17-00877

Order No: E/19-11475/2797

Customer Reference: 19-11475

Date Received: 19/09/2019

Date Approved: 20/09/2019

Details: 19-11475

Approved by: 

John Wilson, Quality Manager

Any comments, opinions or interpretations expressed herein are outside the scope of UKAS accreditation (Accreditation Number 2683)

This report may only be reproduced in full



Sample Summary

Report No.: 19-24926, issue number 1

Elab No.	Client's Ref.	Date Sampled	Date Scheduled	Description	Deviations
184546	Sample 6 44341 Stockpile	11/09/2019	19/09/2019		



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

Results Summary

Report No.: 19-24926, 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.

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 (%)
184546	Stockpile	Sample 6 44341	Brown sand, stones, brick, clinker	No asbestos detected	n/t	n/t	n/t	n/t



Method Summary

Report No.: 19-24926, issue number 1

Parameter	Codes	Analysis Undertaken On	Date Tested	Method Number	Technique
Soil					
Asbestos identification	U	Air dried sample	20/09/2019	PMAN	Microscopy



Report Information

Report No.: 19-24926, 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"

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

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