



ANALYTICAL TEST REPORT

Contract no: 85752
Contract name: James Corbet Road Depot, Eccles, Salford
Client reference: -
Clients name: MATtest Midlands
Clients address: Unit 5, Draycott Mills
Off Market Street
Draycott, Derby
DE72 3NB
Samples received: 16 April 2020
Analysis started: 16 April 2020
Analysis completed: 22 April 2020
Report issued: 23 April 2020

Notes: Opinions and interpretations expressed herein are outside the UKAS accreditation scope. Unless otherwise stated, Chemtech Environmental Ltd was not responsible for sampling. All testing carried out at Unit 6 Parkhead, Stanley, DH9 7YB, except for subcontracted testing. Methods, procedures and performance data are available on request. Results reported herein relate only to the material supplied to the laboratory. This report shall not be reproduced except in full, without prior written approval. Samples will be disposed of 6 weeks from initial receipt unless otherwise instructed.

Key: U UKAS accredited test
M MCERTS & UKAS accredited test
\$ Test carried out by an approved subcontractor
I/S Insufficient sample to carry out test
N/S Sample not suitable for testing

Approved by:

K Campbell

Karan Campbell
Director

Chemtech Environmental Limited

SAMPLE INFORMATION

MCERTS (Soils):

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

All results are reported on a dry basis. Samples dried at no more than 30°C in a drying cabinet.
Analytical results are inclusive of stones.

Lab ref	Sample id	Depth (m)	Sample description	Material removed	% Removed	% Moisture
85752-1	A2683	-	Sandy Clay with Gravel	-	-	11.9

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SOILS

Lab number	85752-1		
Sample id	A2683		
Sample Location	Stockpile from Bay 7		
Date sampled	18/03/2020		
Test	Method	Units	
pH	CE004 ^M	units	11.7
Sulphate (2:1 water soluble)	CE061 ^M	mg/l SO ₄	628
Sulphate (total)	CE062 ^M	mg/kg SO ₄	4299
Sulphur (total)	CE119	mg/kg S	3657
Total Potential Sulphate	-	mg/kg SO ₄	10971
Oxidisable Sulphide	-	mg/kg SO ₄	6672

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METHOD DETAILS

METHOD	SOILS	METHOD SUMMARY	SAMPLE	STATUS	LOD	UNITS
CE004	pH	Based on BS 1377, pH Meter	As received	M	-	units
CE061	Sulphate (2:1 water soluble)	Aqueous extraction, ICP-OES	Dry	M	10	mg/l SO ₄
CE062	Sulphate (total)	Acid extraction, ICP-OES	Dry	M	100	mg/kg SO ₄
CE119	Sulphur (total)	Acid extraction, ICP-OES	Dry		100	mg/kg S
CE223	Total Potential Sulphate	Calculation: $S \text{ (total)} \times (SO_4 \text{ (total)} / S \text{ (total)})$	Dry		100	mg/kg SO ₄
CE224	Oxidisable Sulphide	Calculation: $\text{Total Potential } SO_4 - SO_4 \text{ (total)}$	Dry		100	mg/kg SO ₄

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DEVIATING SAMPLE INFORMATION

Comments

Sample deviation is determined in accordance with the UKAS note "Guidance on Deviating Samples" and based on reference standards and laboratory trials.

For samples identified as deviating, test result(s) may be compromised and may not be representative of the sample at the time of sampling.

Chemtech Environmental Ltd cannot be held responsible for the integrity of sample(s) received if Chemtech Environmental Ltd did not undertake the sampling. Such samples may be deviating.

Key

N	No (not deviating sample)
Y	Yes (deviating sample)
NSD	Sampling date not provided
NST	Sampling time not provided (waters only)
EHT	Sample exceeded holding time(s)
IC	Sample not received in appropriate containers
HP	Headspace present in sample container
NCF	Sample not chemically fixed (where appropriate)
OR	Other (specify)

Lab ref	Sample id	Depth (m)	Deviating	Tests (Reason for deviation)
85752-1	A2683	-	N	