



2183

Final Report

Report No.:	20-24618-1		
Initial Date of Issue:	21-Sep-2020		
Client	CE Geochem		
Client Address:	CE Geochem Laboratories CEG Laboratories Matlock Road Kelstedge Derbyshire S45 0DX		
Contact(s):	Jamie Cutting Laboratory		
Project	A190707 Hornsey Gas Works		
Quotation No.:		Date Received:	15-Sep-2020
Order No.:	A190707	Date Instructed:	15-Sep-2020
No. of Samples:	5		
Turnaround (Wkdays):	5	Results Due:	21-Sep-2020
Date Approved:	21-Sep-2020		
Approved By:			
Details:	Glynn Harvey, Technical Manager		

Results - Soil

Project: A190707 Hornsey Gas Works

Client: CE Geochem	Chemtest Job No.:				20-24618	20-24618	20-24618	20-24618	20-24618
Quotation No.:	Chemtest Sample ID.:				1064137	1064138	1064139	1064140	1064141
	Client Sample ID.:				Val 007 ST	Val 008 ST	Val 009 ST	Val 010 ST	Val 011 ST
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL
	Date Sampled:				14-Sep-2020	14-Sep-2020	14-Sep-2020	14-Sep-2020	14-Sep-2020
	Asbestos Lab:				DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD					
ACM Type	U	2192		N/A	-	-	-	-	-
Asbestos Identification	U	2192	%	0.001	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
ACM Detection Stage	U	2192		N/A	-	-	-	-	-
Moisture	N	2030	%	0.020	12	17	13	13	10
Sulphate (2:1 Water Soluble) as SO4	U	2120	g/l	0.010	< 0.010	2.6	4.0	3.2	4.0
Chloride (Water Soluble)	U	2220	g/l	0.010	0.13	0.28	0.69	0.60	0.15
Ammonium (Extractable)	U	2425	mg/kg	0.50	26	14	38	22	47
Calcium (Total)	N	2430	mg/kg	100	45000	73000	54000	57000	63000
Sodium (Total)	N	2430	mg/kg	10	420	530	520	680	520

Test Methods

SOP	Title	Parameters included	Method summary
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry
2220	Water soluble Chloride in Soils	Chloride	Aqueous extraction and measurement by 'Aquakem 600' Discrete Analyser using ferric nitrate / mercuric thiocyanate.
2425	Extractable Ammonium in soils	Ammonium	Extraction with potassium chloride solution / analysis by 'Aquakem 600' Discrete Analyser using sodium salicylate and sodium dichloroisocyanurate.
2430	Total Sulphate in soils	Total Sulphate	Acid digestion followed by determination of sulphate in extract by ICP-OES.

Report Information

Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 45 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com