



2183

Final Report

Report No.:	20-25470-1		
Initial Date of Issue:	23-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:	23-Sep-2020
Order No.:	A190707	Date Instructed:	23-Sep-2020
No. of Samples:	10		
Turnaround (Wkdays):	5	Results Due:	29-Sep-2020
Date Approved:	23-Sep-2020		
Approved By:			
Details:	Glynn Harvey, Technical Manager		

Results - Water

Project: A190707 Hornsey Gas Works

Client: CE Geochem	Chemtest Job No.:					20-25470	20-25470	20-25470	20-25470	20-25470	20-25470	20-25470	20-25470	20-25470
Quotation No.:	Chemtest Sample ID.:					1068719	1068720	1068721	1068722	1068723	1068724	1068725	1068726	1068728
	Client Sample ID.:					Val 007 F1	Val 007 F2	Val 008 F1	Val 008 F2	Val 009 F1	Val 009 F2	Val 010 F1	Val 010 F2	Val 011 F1
	Sample Type:					WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
	Date Sampled:					22-Sep-2020	22-Sep-2020	22-Sep-2020	22-Sep-2020	22-Sep-2020	22-Sep-2020	22-Sep-2020	22-Sep-2020	22-Sep-2020
Determinand	Accred.	SOP	Units	LOD										
Chloride	U	1220	mg/l	1.0	3.1	3.9	< 1.0	1.7	6.3	2.8	6.2	4.8	5.6	11
Ammonium	U	1220	mg/l	0.050	0.26	0.080	0.10	0.063	0.24	0.18	0.11	0.095	0.054	0.13
Sulphate	U	1220	mg/l	1.0	7.5	13	< 1.0	< 1.0	< 1.0	< 1.0	2.1	37	60	2.9
Calcium	U	1415	mg/l	5.0	25	30	42	72	35	31	59	39	68	69
Sodium	U	1415	mg/l	0.50	0.95	1.0	1.5	1.7	1.2	1.4	1.9	1.2	1.2	1.7

Test Methods

SOP	Title	Parameters included	Method summary
1010	pH Value of Waters	pH	pH Meter
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.
1415	Cations in Waters by ICP-MS	Sodium; Potassium; Calcium; Magnesium	Direct determination by inductively coupled plasma - mass spectrometry (ICP-MS).

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