



2183

Final Report

Report No.: 20-25749-1
Initial Date of Issue: 29-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:	25-Sep-2020
Order No.:	A190707	Date Instructed:	25-Sep-2020
No. of Samples:	5		
Turnaround (Wkdays):	5	Results Due:	01-Oct-2020
Date Approved:	29-Sep-2020		

Approved By:



Details: Glynn Harvey, Technical Manager

Results - Water

Project: A190707 Hornsey Gas Works

Client: CE Geochem	Chemtest Job No.:				20-25749	20-25749	20-25749	20-25749	20-25749
Quotation No.:	Chemtest Sample ID.:				1069987	1069988	1069989	1069990	1069991
	Client Sample ID.:				Val 007 F3	Val 008 F3	Val 009 F3	Val 010 F3	Val 011 F3
	Sample Type:				WATER	WATER	WATER	WATER	WATER
	Date Sampled:				24-Sep-2020	24-Sep-2020	24-Sep-2020	24-Sep-2020	24-Sep-2020
Determinand	Accred.	SOP	Units	LOD					
Chloride	U	1220	mg/l	1.0	12	6.4	27	15	12
Ammonium	U	1220	mg/l	0.050	< 0.050	0.058	0.11	0.053	< 0.050
Sulphate	U	1220	mg/l	1.0	37	3.2	9.4	7.1	120
Calcium	U	1415	mg/l	5.0	55	120	140	140	130
Sodium	U	1415	mg/l	0.50	1.4	2.9	3.0	3.4	1.5

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