



Certificate of Analysis

Certificate Number 23-15212

Issued: 30-Jun-23

Client Chemviron Carbon
CCI, Charcoal Cloth International
Rainton Bridge Industrial Est
Houghton-le-Spring
Tyne & Wear
DH4 5PP

Our Reference 23-15212

Client Reference (not supplied)

Order No 4300287808

Contract Title (not supplied)

Description 4 Water samples.

Date Received 27-Jun-23

Date Started 27-Jun-23

Date Completed 30-Jun-23

Test Procedures Identified by prefix DETSn (details on request).

Notes Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Approved By

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood
General Manager

Summary of Chemical Analysis

Water Samples

Our Ref 23-15212

Client Ref

Contract Title

Lab No	2193331	2193332	2193333	2193334
Sample ID	Post 1	Post 2	Post 3	Towns W
Depth				
Other ID				
Sample Type	WATER	WATER	WATER	WATER
Sampling Date	22/06/2023	22/06/2023	22/06/2023	22/06/2023
Sampling Time	n/s	n/s	n/s	n/s

Test	Method	LOD	Units				
Metals							
Aluminium, Total	DETSC 2306*	10	ug/l	510	450	550	17
Antimony, Total	DETSC 2306*	0.17	ug/l	1.9	1.9	1.9	0.45
Arsenic, Total	DETSC 2306*	0.16	ug/l	4.67	4.57	4.91	0.26
Barium, Total	DETSC 2306*	0.26	ug/l	35	36	36	54
Beryllium, Total	DETSC 2306*	0.1	ug/l	< 0.1	< 0.1	< 0.1	< 0.1
Boron, Total	DETSC 2306*	12	ug/l	180	180	180	100
Cadmium, Total	DETSC 2306*	0.03	ug/l	< 0.03	< 0.03	< 0.03	< 0.03
Calcium, Total	DETSC 2306*	0.09	mg/l	15	15	16	58
Chromium, Total	DETSC 2306*	0.25	ug/l	0.58	0.55	0.66	< 0.25
Copper, Total	DETSC 2306*	0.4	ug/l	3.0	3.5	5.4	37
Iron, Total	DETSC 2306*	5.5	ug/l	74	60	85	8.7
Lead, Total	DETSC 2306*	0.09	ug/l	0.32	0.29	0.41	0.10
Magnesium, Total	DETSC 2306*	0.02	mg/l	11	11	11	22
Manganese, Total	DETSC 2306*	0.22	ug/l	4.0	3.3	4.5	0.27
Mercury, Total	DETSC 2306*	0.01	ug/l	< 0.01	< 0.01	< 0.01	< 0.01
Nickel, Total	DETSC 2306*	0.5	ug/l	1.0	1.1	1.4	2.1
Phosphorus as P, Total	DETSC 2306*	18	ug/l	470	480	520	2200
Potassium, Total	DETSC 2306*	0.08	mg/l	11	11	11	8.4
Selenium, Total	DETSC 2306*	0.25	ug/l	0.71	0.71	0.75	< 0.25
Sodium, Total	DETSC 2306*	0.07	mg/l	280	280	300	58
Tin, Total	DETSC 2306*	0.4	ug/l	< 0.4	< 0.4	< 0.4	< 0.4
Zinc, Total	DETSC 2306*	1.3	ug/l	1500	1400	1900	13

Information in Support of the Analytical Results

Our Ref 23-15212
 Client Ref
 Contract

Containers Received & Deviating Samples

Lab No	Sample ID	Date Sampled	Containers Received	Hold time exceeded for tests	Inappropriate container for tests
2193331	Post 1 WATER	22/06/23	P(other)		
2193332	Post 2 WATER	22/06/23	P(other)		
2193333	Post 3 WATER	22/06/23	P(other)		
2193334	Towns W WATER	22/06/23	P(other)		

Key: P-Plastic
 DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-
 Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report