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Eagle Mountain - Woodfibre Gas Pipeline Project

BCER Waste Discharge Permit Weekly Report

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Preamble

This weekly report for the British Columbia Energy Regulator (BCER) Waste Discharge Permit (BCER number PE-110163) for the FortisBC Eagle Mountain – Woodfibre Gas Pipeline (EGP) Project includes the results of water quality monitoring and sampling of the receiving environments (upstream and downstream) and points of discharge.

FortisBC has retained Hatfield Consultants LLP. as the Qualified Professional to implement and oversee the monitoring and sampling program in the receiving environments. The data represented below, including laboratory reported exceedances, represent background conditions from the receiving environment sampling as shown on the Waste Discharge Permit.

Please note that this weekly report is intended to present the results of each weekly sampling event and highlight any non-compliances or missed sampling requirements outlined in the permit. This report is not intended to represent an interpretive report. Given that application of chronic BC water quality guidelines for protection of aquatic life in the receiving environment downstream of the discharge does not represent a regulatory requirement and instead data are intended to be assessed relative to monthly average concentrations, exceedances of these guidelines in receiving environment samples are highlighted for information purposes, but detailed interpretation of guideline exceedances are not provided given that an interpretation of monthly trends and consideration of background influences and discharge chemistry is required. However, routine review of these results are being conducted and should instream exceedances be identified, discharge results will be reviewed and optimized.

Introduction

The results provided in this document are submitted to BC Energy Regulator (BCER) by FortisBC as per the requirements listed in the Waste Discharge Permit PE-110163 Section 4.2:

The Permittee shall summarize the results of the discharge and receiving environment compliance sampling and monitoring program in a report that shall be submitted weekly over the term of this permit. The sampling and monitoring results shall be suitably tabulated and include comparison to the respective British Columbia Approved and Working Water Quality Guidelines for Freshwater & Marine Aquatic Life, as published by the Ministry of Environment & Climate Change Strategy. Any exceedance of regulatory guidelines shall be clearly highlighted, and any missed sampling events/missing data shall be identified with an explanation provided. Reporting frequency may be reduced upon a history of compliance and by written confirmation from the BCER. These reports shall be submitted to Waste.Management@bc-er.ca. A copy of the reports shall be provided to each First Nation consulted with regarding the subject permit, and also made publicly available on the FortisBC Eagle Mountain-Woodfibre Gas Pipeline Project | Talking Energy webpage.

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Sampling Methodology

The monitoring and sampling has been carried out in accordance with the procedures described in the most recent edition of the “British Columbia Field Sampling Manual” using field equipment and lab samples to meet daily and real time requirements for the Waste Discharge Permit.

At the receiving environments, real time and daily readings are being monitored at the same time with one piece of equipment, allowing all the daily readings real time. Visible sheen will be monitored with visual inspections during times of discharge or sampling.

At the point of discharge from the WTP, the parameters are being monitored using field equipment and sondes/real time meters. Table 1 and Table 2 below show how each parameter is being monitored.

Table 1. Monitor Details for the Point of Discharge from the Water Treatment System-BC Rail and Woodfibre

Permit Frequency	Parameters	Details
During discharges	Visible Sheen	In field inspection
Daily (or per batch)	DO	Monitoring using YSI ProDSS
	ORP	Monitoring using YSI ProDSS
	Salinity	Monitoring using YSI ProDSS
Real Time (or per batch)	pH	Monitoring using GF Dryloc pH Series NPT
	Temperature	Monitoring using LevelPro PT100 Temperature and Signet 2350 Temp sensor
	NTU	Monitoring using Observator NEP9504GPI
	Electrical Conductivity	Monitoring using ProCon C450
Weekly (or per batch) Lab Samples	List prescribed in permit	Lab samples

Table 2. Monitor Details for the Receiving Environment (upstream and downstream)-BC Rail and Woodfibre

Permit Frequency	Parameters	Details
During discharges	Visible Sheen	In field inspection
Daily	DO	Monitoring using Sonde- AquaTROLL 600 datalogger
	ORP	Monitoring using Sonde- AquaTROLL 600 datalogger
	Salinity	Monitoring using Sonde- AquaTROLL 600 datalogger
Real Time	pH	Monitoring using Sonde- AquaTROLL 600 datalogger
	Temperature	Monitoring using Sonde- AquaTROLL 600 datalogger
	NTU	Monitoring using Sonde- AquaTROLL 600 datalogger
	Electrical Conductivity	Monitoring using Sonde- AquaTROLL 600 datalogger
Weekly Lab Samples	List prescribed in permit	Lab samples

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Summary-BC Rail Site

Site Activities and Exceedances

- Weekly upstream and downstream taken by the QP.
- Water produced by the water treatment plant is being recirculated for tunneling and to create grout for tunneling.
- On batch test release occurred on May 12th from the BC Rail site

Discharge from Water Treatment Plant

Table 3 below includes information on water quality and lab sampling during discharges. Appendix A includes a full set of lab results with real time/field samples from discharges.

Table 3: Discharge from Water Treatment System Information

Location	Date of Discharge	Date of Lab Sample (for the discharge)	Real Time Monitored	Field Samples Taken	Discharge Rate (batch)	Discharge Volume (batch)	Results
BC Rail	2025-05-12	2025-05-08	N/A -Batch release	N/A	100 GPM	26.060 m ³	Yes

*Max discharge is 515 m3/day

Receiving Environment Monitoring-Squamish River

Table 4 and 5 below includes information on water quality and lab sampling. Appendix B includes a full set of lab results with real time data. The receiving environment is being monitored as outlined in the permit with additional oversight by the QP.

Table 4: Upstream Monitoring Information

Location	Date of Lab Sample	Real Time Monitored	Results
Squamish River Upstream	2025-05-13	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix B.

Table 5: Downstream Monitoring Information

Location	Date of Lab Sample	Real Time Monitored	Results
Squamish River Downstream	2025-05-13	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix B.

* Sondes set up to log temperature, specific conductivity, salinity (in PSU), pH, ORP, DO (mg/L), and turbidity (NTU) at 15-minute intervals.

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Summary-Woodfibre

Site Activities and Exceedances

- Weekly upstream, downstream and end of pipe taken by the QP.
- Ongoing tunnelling at WLNG and grouting works to mitigate water ingress.
- Water volume discharge exceedances.
- Please note that due to a laboratory issue, samples for acute rainbow trout toxicity testing were missed; however, samples for acute toxicity testing were collected twice in May; once on May 21 with rainbow trout and once on May 27 for Daphnia magna, which included testing at ambient pH.

Discharge from Water Treatment Plant

Table 6 below includes information on the discharge water. Appendix C includes real time/field samples from the discharge.

Table 6: Discharges from Water Treatment System

Location	Date of Discharge	Real Time Monitored and Daily Monitoring	Discharge Volume
Woodfibre	2025-05-12	Yes-Appendix C	2,442m ³
Woodfibre	2025-05-13	Yes-Appendix C	2,369m ³
Woodfibre	2025-05-14	Yes-Appendix C	2,203m ³
Woodfibre	2025-05-15	Yes-Appendix C	2,462m ³
Woodfibre	2025-05-16	Yes-Appendix C	2,452m ³
Woodfibre	2025-05-17	Yes-Appendix C	2,447m ³
Woodfibre	2025-05-18	Yes-Appendix C	2,582m ³

*Max discharge is 1500m³/day

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Receiving Environment Monitoring-East Creek

Table 7 and 8 below includes information on water quality and lab sampling. Appendix D includes a full set of lab results with real time data. The receiving environment is being monitored as outlined in the permit with additional oversight by the QP.

Table 7: Upstream Monitoring Information

Location	Date of Lab Sample	Real Time Monitored	Results
East Creek Upstream	2025-05-13	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix D.

Table 8: Downstream Monitoring Information

	Date of Lab Sample	Real Time Monitored	Results
East Creek Downstream	2025-05-13	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix D.

* Sondes set up to log temperature, specific conductivity, salinity (in PSU), pH, ORP, DO (mg/L), and turbidity (NTU)

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Appendix A: BCR Site Point of Discharge from Water Treatment Plant Documentation

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BCR Site Batch Sample Analysis

		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	BC Rail Batch Water Discharge Report	Revision:	0
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1. Executive Summary and Notes
2. Discharge Lab's results
3. Photos

1. Executive Summary and Field Notes:

On May 12, FKM initiated a new batch discharge at the BC Rail site. The discharge began at 10:08 PM and concluded at 11:22 PM. Total volume of discharge water was 26.060 m3, with an average flow rate ranging 100 GPM. The key parameters, including temperature, pH, NTU, salinity, conductivity, and oxidation-reduction potential (ORP), were monitored throughout the discharge process and remained within the prescribed limits. No visible sheen observed on top of the WTP tanks and discharged water. All relevant parameters were measured using YSI instrument.

Discharge details

Date	Start Time	Flow Rate (GPM)	Volume (m3)	End Time
12-May-2025	10:08	100	26.060	11:22

In-Situ Sample

Date	Time	pH	Temperature (°C)	DO (mg/L)	NTU	Conductivity (µS/cm)	ORP (mV)	Salinity (ppt)	Visible sheen
05/12/2024	07:22:27 PM	7.65	15.8	14.46	3.54	284.6	132.9	0.14	No

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2. Discharge Lab's results

Physical Tests (Matrix: Water)		Units	WTP	FAL-ST	MAL-ST
Conductivity	2.0	µS/cm	323		
Alkalinity, bicarbonate (as CaCO ₃)	2.0	mg/L	66.1		
Alkalinity, carbonate (as CaCO ₃)	2.0	mg/L	<2.0		
Alkalinity, hydroxide (as CaCO ₃)	2.0	mg/L	<2.0		
Alkalinity, phenolphthalein (as CaCO ₃)	2.0	mg/L	<2.0		
Alkalinity, total (as CaCO ₃)	2.0	mg/L	66.1		
Hardness (as CaCO ₃), dissolved	0.60	mg/L	9.40		
Hardness (as CaCO ₃), from total Ca/Mg	0.60	mg/L	9.86		
Oxidation-reduction potential [ORP]	0.10	mV	243		
Solids, total dissolved [TDS]	10	mg/L	208		
Solids, total suspended [TSS]	3.0	mg/L	<3.0		
Turbidity	0.10	NTU	<0.10		
pH	0.10	pH units	7.54		
Anions and Nutrients (Matrix: Water)					
Ammonia, total (as N)	0.0050	mg/L	0.242	26	191
Bromide	0.050	mg/L	0.173		
Chloride	0.50	mg/L	57.7	600	
Fluoride	0.020	mg/L	0.114	0.638	1.5
Nitrate (as N)	0.0050	mg/L	0.338	32.8	
Nitrite (as N)	0.0010	mg/L	0.0436	0.06	
Nitrogen, total	0.030	mg/L	0.621		
Phosphorus, total	0.0020	mg/L	0.0092		
Sulfate (as SO ₄)	0.30	mg/L	1.55		
Ammonium (as NH ₄), field	0.0010	mg/L	0.310		

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Physical Tests (Matrix: Water)		Units	WTP	FAL-ST	MAL-ST
Organic / Inorganic Carbon (Matrix: Water)					
Carbon, dissolved organic [DOC]	0.50	mg/L	0.51		
Carbon, total organic [TOC]	0.50	mg/L	<0.50		
Total Metals (Matrix: Water)					
Aluminum, total	0.0030	mg/L	0.0625		
Antimony, total	0.00010	mg/L	<0.00010	0.25	
Arsenic, total	0.00010	mg/L	<0.00010		
Barium, total	0.00010	mg/L	0.00136		
Beryllium, total	0.00010 0	mg/L	<0.000100		
Bismuth, total	0.00005 0	mg/L	<0.000050		
Boron, total	0.010	mg/L	0.087		
Cadmium, total	0.00000 50	mg/L	<0.0000050		
Calcium, total	0.050	mg/L	1.46		
Cesium, total	0.00001 0	mg/L	0.000034		
Chromium, total	0.00050	mg/L	<0.00050		
Cobalt, total	0.00010	mg/L	<0.00010	0.11	
Copper, total	0.00050	mg/L	0.00080		0.003
Iron, total	0.010	mg/L	<0.010	1	
Lead, total	0.00005 0	mg/L	<0.000050		0.14
Lithium, total	0.0010	mg/L	0.0022		
Magnesium, total	0.0050	mg/L	1.51		
Manganese, total	0.00010	mg/L	0.00037	0.735	
Mercury, total	0.00000 50	mg/L	<0.0000050		
Molybdenum, total	0.00005 0	mg/L	0.00826	46	
Nickel, total	0.00050	mg/L	<0.00050		
Phosphorus, total	0.050	mg/L	<0.050		

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Physical Tests (Matrix: Water)		Units	WTP	FAL-ST	MAL-ST
Potassium, total	0.050	mg/L	4.72		
Rubidium, total	0.00020	mg/L	0.00085		
Selenium, total	0.000050	mg/L	<0.000050		
Silicon, total	0.10	mg/L	11.3		
Silver, total	0.000010	mg/L	<0.000010		0.0037
Sodium, total	0.050	mg/L	61.2		
Strontium, total	0.00020	mg/L	0.0219		
Sulfur, total	0.50	mg/L	<0.50		
Tellurium, total	0.00020	mg/L	<0.00020		
Thallium, total	0.000010	mg/L	<0.000010		
Thorium, total	0.00010	mg/L	<0.00010		
Tin, total	0.00010	mg/L	<0.00010		
Titanium, total	0.00030	mg/L	<0.00030		
Tungsten, total	0.00010	mg/L	0.00014		
Uranium, total	0.000010	mg/L	<0.000010	0.0165	
Vanadium, total	0.00050	mg/L	0.00095		
Zinc, total	0.0030	mg/L	<0.0030		0.055
Zirconium, total	0.00020	mg/L	<0.00020		
Dissolved Metals (Matrix: Water)					
Aluminum, dissolved	0.0010	mg/L	0.0017		
Antimony, dissolved	0.00010	mg/L	<0.00010		
Arsenic, dissolved	0.00010	mg/L	<0.00010		
Barium, dissolved	0.00010	mg/L	0.00132		
Beryllium, dissolved	0.000100	mg/L	<0.000100		
Bismuth, dissolved	0.000050	mg/L	<0.000050		
Boron, dissolved	0.010	mg/L	0.084		
Cadmium, dissolved	0.0000050	mg/L	<0.0000050	0.000099	

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Physical Tests (Matrix: Water)		Units	WTP	FAL-ST	MAL-ST
Calcium, dissolved	0.050	mg/L	1.39		
Cesium, dissolved	0.000010	mg/L	0.000034		
Chromium, dissolved	0.00050	mg/L	<0.00050		
Cobalt, dissolved	0.00010	mg/L	<0.00010		
Copper, dissolved	0.00020	mg/L	0.00075	0.00117	
Iron, dissolved	0.010	mg/L	<0.010	0.35	
Lead, dissolved	0.000050	mg/L	<0.000050		
Lithium, dissolved	0.0010	mg/L	0.0018		
Magnesium, dissolved	0.0050	mg/L	1.44		
Manganese, dissolved	0.00010	mg/L	0.00033		
Mercury, dissolved	0.0000050	mg/L	<0.0000050		
Molybdenum, dissolved	0.000050	mg/L	0.00812		
Nickel, dissolved	0.00050	mg/L	<0.00050	0.0092	
Phosphorus, dissolved	0.050	mg/L	<0.050		
Potassium, dissolved	0.050	mg/L	4.67		
Rubidium, dissolved	0.00020	mg/L	0.00088		
Selenium, dissolved	0.000050	mg/L	<0.000050		
Silicon, dissolved	0.050	mg/L	10.8		
Silver, dissolved	0.000010	mg/L	<0.000010		
Sodium, dissolved	0.050	mg/L	58.6		
Strontium, dissolved	0.00020	mg/L	0.0212		
Sulfur, dissolved	0.50	mg/L	<0.50		
Tellurium, dissolved	0.00020	mg/L	<0.00020		
Thallium, dissolved	0.000010	mg/L	<0.000010		
Thorium, dissolved	0.00010	mg/L	<0.00010		
Tin, dissolved	0.00010	mg/L	<0.00010		
Titanium, dissolved	0.00030	mg/L	<0.00030		
Tungsten, dissolved	0.00010	mg/L	0.00013		

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Physical Tests (Matrix: Water)		Units	WTP	FAL-ST	MAL-ST
Uranium, dissolved	0.000010	mg/L	<0.000010		
Vanadium, dissolved	0.00050	mg/L	0.00091		
Zinc, dissolved	0.0010	mg/L	0.0037	0.00638	
Zirconium, dissolved	0.00020	mg/L	<0.00020		
Dissolved mercury filtration location			Field		
Dissolved metals filtration location			Field		
Aggregate Organics (Matrix: Water)					
Phenols, total (4AAP)	0.0010	mg/L	<0.0010		
Volatile Organic Compounds (Matrix: Water)					
Chlorobenzene	0.50	µg/L	<0.50		
Chloromethane	5.0	µg/L	<5.0		
Dichlorobenzene, 1,2-	0.50	µg/L	<0.50		
Dichlorobenzene, 1,3-	0.50	µg/L	<0.50		
Dichlorobenzene, 1,4-	0.50	µg/L	<0.50		
Dichloropropane, 1,2-	0.50	µg/L	<0.50		
Dichloropropylene, cis+trans-1,3-	0.75	µg/L	<0.75		
Dichloropropylene, cis-1,3-	0.50	µg/L	<0.50		
Tetrachloroethane, 1,1,1,2-	0.50	µg/L	<0.50		
Tetrachloroethane, 1,1,2,2-	0.20	µg/L	<0.20		
Trichloroethane, 1,1,2-	0.50	µg/L	<0.50		
Trichlorofluoromethane	0.50	µg/L	<0.50		
Volatile Organic Compounds [Drycleaning] (Matrix: Water)					
Carbon tetrachloride	0.50	µg/L	<0.50		
Chloroethane	0.50	µg/L	<0.50		
Dichloroethane, 1,1-	0.50	µg/L	<0.50		
Dichloroethane, 1,2-	0.50	µg/L	<0.50		

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Physical Tests (Matrix: Water)		Units	WTP	FAL-ST	MAL-ST
Dichloroethylene, 1,1-	0.50	µg/L	<0.50		
Dichloroethylene, cis-1,2-	0.50	µg/L	<0.50		
Dichloroethylene, trans-1,2-	0.50	µg/L	<0.50		
Dichloromethane	1.0	µg/L	<1.0		
Dichloropropylene, trans-1,3-	0.50	µg/L	<0.50		
Tetrachloroethylene	0.50	µg/L	<0.50		
Trichloroethane, 1,1,1-	0.50	µg/L	<0.50		
Trichloroethylene	0.50	µg/L	<0.50		
Vinyl chloride	0.40	µg/L	<0.40		
Volatile Organic Compounds [Fuels] (Matrix: Water)					
Benzene	0.50	µg/L	<0.50		
Ethylbenzene	0.50	µg/L	<0.50		
Methyl-tert-butyl ether [MTBE]	0.50	µg/L	<0.50		
Styrene	0.50	µg/L	<0.50		
Toluene	0.40	µg/L	<0.40		
Xylene, m+p-	0.40	µg/L	<0.40		
Xylene, o-	0.30	µg/L	<0.30		
Xylenes, total	0.50	µg/L	<0.50		
Volatile Organic Compounds [THMs] (Matrix: Water)					
Bromodichloromethane	0.50	µg/L	<0.50		
Bromoform	0.50	µg/L	<0.50		
Chloroform	0.50	µg/L	<0.50		
Dibromochloromethane	0.50	µg/L	<0.50		
Hydrocarbons (Matrix: Water)					
EPH (C10-C19)	250	µg/L	<250		
EPH (C19-C32)	250	µg/L	<250		
VHw (C6-C10)	100	µg/L	<100		
LEPHw	250	µg/L	<250		
VPHw	100	µg/L	<100		
HEPHw	250	µg/L	<250		

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Physical Tests (Matrix: Water)		Units	WTP	FAL-ST	MAL-ST
Hydrocarbons Surrogates (Matrix: Water)					
Bromobenzotrifluoride, 2- (EPH surrogate)	1.0	%	88.7		
Dichlorotoluene, 3,4-	1.0	%	91.1		
Volatile Organic Compounds Surrogates (Matrix: Water)					
Bromofluorobenzene, 4-	1.0	%	96.9		
Difluorobenzene, 1,4-	1.0	%	98.9		
Polycyclic Aromatic Hydrocarbons (Matrix: Water)					
Acenaphthene	0.010	µg/L	<0.010		
Acenaphthylene	0.010	µg/L	<0.010		
Acridine	0.010	µg/L	<0.010		
Anthracene	0.010	µg/L	<0.010		
Benz(a)anthracene	0.010	µg/L	<0.010		
Benzo(a)pyrene	0.0050	µg/L	<0.0050		
Benzo(b+j)fluoranthene	0.010	µg/L	<0.010		
Benzo(b+j+k)fluoranthene	0.015	µg/L	<0.015		
Benzo(g,h,i)perylene	0.010	µg/L	<0.010		
Benzo(k)fluoranthene	0.010	µg/L	<0.010		
Chrysene	0.010	µg/L	<0.010		
Dibenz(a,h)anthracene	0.0050	µg/L	<0.0050		
Fluoranthene	0.010	µg/L	<0.010		
Fluorene	0.010	µg/L	<0.010		
Indeno(1,2,3-c,d)pyrene	0.010	µg/L	<0.010		
Methylnaphthalene, 1-	0.010	µg/L	<0.010		
Methylnaphthalene, 2-	0.010	µg/L	<0.010		
Naphthalene	0.050	µg/L	<0.050		
Phenanthrene	0.020	µg/L	<0.020		
Pyrene	0.010	µg/L	<0.010		
Quinoline	0.050	µg/L	<0.050		

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Physical Tests (Matrix: Water)		Units	WTP	FAL-ST	MAL-ST
Polycyclic Aromatic Hydrocarbons Surrogates (Matrix: Water)					
Chrysene-d12	0.1	%	94.4		
Project					
Report To	Sara Derakhshi, Frontier-Kemper Michels Joint Venture				

3. Photos

Photo 1: No visible sheen observed in the WTP water, May 12



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BCR Site WTP Discharge Field Notes and Logs



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Canada Toll Free: 1 800 668 9878

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REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

WHITE - LABORATORY COPY

YELLOW - CLIENT COPY

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the white - report copy.

1. If any water samples are taken from a **Regulated Drinking Water (DW) System**, please submit using an **Authorized DW COC form**.

JAN 2023 EDITION

CERTIFICATE OF ANALYSIS

Work Order	: VA25B0664		
Client	: Frontier-Kemper Michels Joint Venture	Laboratory	: ALS Environmental - Vancouver
Contact	: Sara Derakhshi	Account Manager	: Kevin Bhikadia
Address	: 404-850 Harbourside Drive	Address	: 8081 Lougheed Highway
	: North Vancouver British Columbia Canada V7P 0A3		: Burnaby BC Canada V5A 1W9
Telephone	: ----	E-mail	: Kevin.Bhikadia@alsglobal.com
Project	: ----	Telephone	: +1 604 253 4188
PO	: ----	Date Samples Received	: 08-May-2025 20:05
C-O-C number	: 23-1142237	Date Analysis Commenced	: 08-May-2025
Sampler	: ----	Issue Date	: 12-May-2025 12:20
Site	: BCR		
Quote number	: WTP Discharge		
No. of samples received	: 1		
No. of samples analysed	: 1		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QC Interpretive report to assist with Quality Review and Sample Receipt Notification (SRN).

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

<i>Signatories</i>	<i>Position</i>	<i>Laboratory Department</i>
Anita Chuang	Lab Assistant	Inorganics, Burnaby, British Columbia
Brooke Miller	Laboratory Analyst	Inorganics, Edmonton, Alberta
Daniela Ruiz	Account Manager Assistant	Administration, Burnaby, British Columbia
Ilnaz Badbezanchi	Supervisor - Metals Prep	Metals, Burnaby, British Columbia
Kate Dimitrova	Supervisor - Inorganic	Inorganics, Burnaby, British Columbia
Kevin Duarte	Supervisor - Metals ICP Instrumentation	Metals, Burnaby, British Columbia
Miles Gropen	Department Manager - Inorganics	Inorganics, Burnaby, British Columbia
Ophelia Chiu	Department Manager - Organics	Organics, Burnaby, British Columbia
Owen Cheng		Metals, Burnaby, British Columbia
Tracy Harley	Supervisor - Water Quality Instrumentation	Inorganics, Burnaby, British Columbia

General Comments

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Refer to the ALS Quality Control Interpretive report (QCI) for applicable references and methodology summaries. Reference methods may incorporate modifications to improve performance.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Please refer to Quality Control Interpretive report (QCI) for information regarding Holding Time compliance.

Key: CAS Number: Chemical Abstracts Services number is a unique identifier assigned to discrete substances.
LOR: Limit of Reporting (detection limit).

Unit	Description
-	no units
°C	degrees celsius
mg/L	milligrams per litre
mV	millivolts
NTU	nephelometric turbidity units
pH units	pH units
µg/L	micrograms per litre
µS/cm	microsiemens per centimetre

<: less than.

>: greater than.

Surrogate: An analyte that is similar in behavior to target analyte(s), but that does not occur naturally in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery.

Test results reported relate only to the samples as received by the laboratory.

UNLESS OTHERWISE STATED on SRN or QCI Report, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

Sample Comments

Sample	Client Id	Comment
VA25B0664-001	WTP	Water sample(s) for total mercury analysis was not submitted in glass or PTFE container with HCl preservative. Results may be biased low. Water sample(s) for dissolved mercury analysis was not submitted in glass or PTFE container with HCl preservative. Results may be biased low.





Analytical Results

Sub-Matrix: Water

(Matrix: Water)

Client sample ID					WTP	----	----	----	----
Client sampling date / time					08-May-2025 16:45	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	VA25B0664-001	----	----	----	----
Result					----	----	----	----	----
Field Tests									
pH, field	----	EF001/VA	0.10	pH units	7.30	----	----	----	----
Temperature, field	----	EF001/VA	0.10	°C	12.0	----	----	----	----
Sample Preparation									
Dissolved carbon filtration location	----	EP358/VA	-	-	lab	----	----	----	----
Physical Tests									
Alkalinity, bicarbonate (as CaCO ₃)	----	E290/VA	2.0	mg/L	66.1	----	----	----	----
Alkalinity, carbonate (as CaCO ₃)	----	E290/VA	2.0	mg/L	<2.0	----	----	----	----
Alkalinity, hydroxide (as CaCO ₃)	----	E290/VA	2.0	mg/L	<2.0	----	----	----	----
Alkalinity, phenolphthalein (as CaCO ₃)	----	E290/VA	2.0	mg/L	<2.0	----	----	----	----
Alkalinity, total (as CaCO ₃)	----	E290/VA	2.0	mg/L	66.1	----	----	----	----
Conductivity	----	E100/VA	2.0	µS/cm	323	----	----	----	----
Hardness (as CaCO ₃), dissolved	----	EC100/VA	0.60	mg/L	9.40	----	----	----	----
Hardness (as CaCO ₃), from total Ca/Mg	----	EC100A/VA	0.60	mg/L	9.86	----	----	----	----
Oxidation-reduction potential [ORP]	----	E125/VA	0.10	mV	243	----	----	----	----
pH	----	E108/VA	0.10	pH units	7.54	----	----	----	----
Solids, total dissolved [TDS]	----	E162/VA	10	mg/L	208	----	----	----	----
Solids, total suspended [TSS]	----	E160/VA	3.0	mg/L	<3.0	----	----	----	----
Turbidity	----	E121/VA	0.10	NTU	<0.10	----	----	----	----
Anions and Nutrients									
Ammonia, total (as N)	7664-41-7	E298/VA	0.0050	mg/L	0.242	----	----	----	----
Ammonium (as NH ₄), field	14798-03-9	EC298A/VA	0.0010	mg/L	0.310	----	----	----	----



Analytical Results

Sub-Matrix: Water

(Matrix: Water)

					Client sample ID	WTP	----	----	----	----
					Client sampling date / time	08-May-2025 16:45	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	VA25B0664-001	----	----	----	----	----
					Result	----	----	----	----	----
Anions and Nutrients										
Bromide	24959-67-9	E235.Br-L/VA	0.050	mg/L	0.173	----	----	----	----	----
Chloride	16887-00-6	E235.Cl/VA	0.50	mg/L	57.7	----	----	----	----	----
Fluoride	16984-48-8	E235.F/VA	0.020	mg/L	0.114	----	----	----	----	----
Nitrate (as N)	14797-55-8	E235.NO3-L/VA	0.0050	mg/L	0.338	----	----	----	----	----
Nitrite (as N)	14797-65-0	E235.NO2-L/VA	0.0010	mg/L	0.0436	----	----	----	----	----
Nitrogen, total	7727-37-9	E366/VA	0.030	mg/L	0.621	----	----	----	----	----
Phosphorus, total	7723-14-0	E372-U/VA	0.0020	mg/L	0.0092	----	----	----	----	----
Sulfate (as SO4)	14808-79-8	E235.SO4/VA	0.30	mg/L	1.55	----	----	----	----	----
Organic / Inorganic Carbon										
Carbon, dissolved organic [DOC]	----	E358-L/VA	0.50	mg/L	0.51	----	----	----	----	----
Carbon, total organic [TOC]	----	E355-L/VA	0.50	mg/L	<0.50	----	----	----	----	----
Total Metals										
Aluminum, total	7429-90-5	E420/VA	0.0030	mg/L	0.0625	----	----	----	----	----
Antimony, total	7440-36-0	E420/VA	0.00010	mg/L	<0.00010	----	----	----	----	----
Arsenic, total	7440-38-2	E420/VA	0.00010	mg/L	<0.00010	----	----	----	----	----
Barium, total	7440-39-3	E420/VA	0.00010	mg/L	0.00136	----	----	----	----	----
Beryllium, total	7440-41-7	E420/VA	0.000100	mg/L	<0.000100	----	----	----	----	----
Bismuth, total	7440-69-9	E420/VA	0.000050	mg/L	<0.000050	----	----	----	----	----
Boron, total	7440-42-8	E420/VA	0.010	mg/L	0.087	----	----	----	----	----
Cadmium, total	7440-43-9	E420/VA	0.0000050	mg/L	<0.0000050	----	----	----	----	----
Calcium, total	7440-70-2	E420/VA	0.050	mg/L	1.46	----	----	----	----	----



Analytical Results

Sub-Matrix: Water

(Matrix: Water)

					Client sample ID	WTP	----	----	----	----
					Client sampling date / time	08-May-2025 16:45	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	VA25B0664-001	----	----	----	----	----
					Result	----	----	----	----	----
Total Metals										
Cesium, total	7440-46-2	E420/VA	0.000010	mg/L	0.000034	----	----	----	----	----
Chromium, total	7440-47-3	E420/VA	0.00050	mg/L	<0.00050	----	----	----	----	----
Cobalt, total	7440-48-4	E420/VA	0.00010	mg/L	<0.00010	----	----	----	----	----
Copper, total	7440-50-8	E420/VA	0.00050	mg/L	0.00080	----	----	----	----	----
Iron, total	7439-89-6	E420/VA	0.010	mg/L	<0.010	----	----	----	----	----
Lead, total	7439-92-1	E420/VA	0.000050	mg/L	<0.000050	----	----	----	----	----
Lithium, total	7439-93-2	E420/VA	0.0010	mg/L	0.0022	----	----	----	----	----
Magnesium, total	7439-95-4	E420/VA	0.0050	mg/L	1.51	----	----	----	----	----
Manganese, total	7439-96-5	E420/VA	0.00010	mg/L	0.00037	----	----	----	----	----
Mercury, total	7439-97-6	E508/VA	0.0000050	mg/L	<0.0000050	----	----	----	----	----
Molybdenum, total	7439-98-7	E420/VA	0.000050	mg/L	0.00826	----	----	----	----	----
Nickel, total	7440-02-0	E420/VA	0.00050	mg/L	<0.00050	----	----	----	----	----
Phosphorus, total	7723-14-0	E420/VA	0.050	mg/L	<0.050	----	----	----	----	----
Potassium, total	7440-09-7	E420/VA	0.050	mg/L	4.72	----	----	----	----	----
Rubidium, total	7440-17-7	E420/VA	0.00020	mg/L	0.00085	----	----	----	----	----
Selenium, total	7782-49-2	E420/VA	0.000050	mg/L	<0.000050	----	----	----	----	----
Silicon, total	7440-21-3	E420/VA	0.10	mg/L	11.3	----	----	----	----	----
Silver, total	7440-22-4	E420/VA	0.000010	mg/L	<0.000010	----	----	----	----	----
Sodium, total	7440-23-5	E420/VA	0.050	mg/L	61.2	----	----	----	----	----
Strontium, total	7440-24-6	E420/VA	0.00020	mg/L	0.0219	----	----	----	----	----
Sulfur, total	7704-34-9	E420/VA	0.50	mg/L	<0.50	----	----	----	----	----



Analytical Results

Sub-Matrix: Water

(Matrix: Water)

					Client sample ID	WTP	----	----	----	----
					Client sampling date / time	08-May-2025 16:45	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	VA25B0664-001	----	----	----	----	----
					Result	----	----	----	----	----
Total Metals										
Tellurium, total	13494-80-9	E420/VA	0.00020	mg/L	<0.00020	----	----	----	----	----
Thallium, total	7440-28-0	E420/VA	0.000010	mg/L	<0.000010	----	----	----	----	----
Thorium, total	7440-29-1	E420/VA	0.00010	mg/L	<0.00010	----	----	----	----	----
Tin, total	7440-31-5	E420/VA	0.00010	mg/L	<0.00010	----	----	----	----	----
Titanium, total	7440-32-6	E420/VA	0.00030	mg/L	<0.00030	----	----	----	----	----
Tungsten, total	7440-33-7	E420/VA	0.00010	mg/L	0.00014	----	----	----	----	----
Uranium, total	7440-61-1	E420/VA	0.000010	mg/L	<0.000010	----	----	----	----	----
Vanadium, total	7440-62-2	E420/VA	0.00050	mg/L	0.00095	----	----	----	----	----
Zinc, total	7440-66-6	E420/VA	0.0030	mg/L	<0.0030	----	----	----	----	----
Zirconium, total	7440-67-7	E420/VA	0.00020	mg/L	<0.00020	----	----	----	----	----
Dissolved Metals										
Aluminum, dissolved	7429-90-5	E421/VA	0.0010	mg/L	0.0017	----	----	----	----	----
Antimony, dissolved	7440-36-0	E421/VA	0.00010	mg/L	<0.00010	----	----	----	----	----
Arsenic, dissolved	7440-38-2	E421/VA	0.00010	mg/L	<0.00010	----	----	----	----	----
Barium, dissolved	7440-39-3	E421/VA	0.00010	mg/L	0.00132	----	----	----	----	----
Beryllium, dissolved	7440-41-7	E421/VA	0.000100	mg/L	<0.000100	----	----	----	----	----
Bismuth, dissolved	7440-69-9	E421/VA	0.000050	mg/L	<0.000050	----	----	----	----	----
Boron, dissolved	7440-42-8	E421/VA	0.010	mg/L	0.084	----	----	----	----	----
Cadmium, dissolved	7440-43-9	E421/VA	0.0000050	mg/L	<0.0000050	----	----	----	----	----
Calcium, dissolved	7440-70-2	E421/VA	0.050	mg/L	1.39	----	----	----	----	----
Cesium, dissolved	7440-46-2	E421/VA	0.000010	mg/L	0.000034	----	----	----	----	----



Analytical Results

Sub-Matrix: Water

(Matrix: Water)

					Client sample ID	WTP	----	----	----	----
					Client sampling date / time	08-May-2025 16:45	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	VA25B0664-001	----	----	----	----	----
					Result	----	----	----	----	----
Dissolved Metals										
Chromium, dissolved	7440-47-3	E421/VA	0.00050	mg/L	<0.00050	----	----	----	----	----
Cobalt, dissolved	7440-48-4	E421/VA	0.00010	mg/L	<0.00010	----	----	----	----	----
Copper, dissolved	7440-50-8	E421/VA	0.00020	mg/L	0.00075	----	----	----	----	----
Iron, dissolved	7439-89-6	E421/VA	0.010	mg/L	<0.010	----	----	----	----	----
Lead, dissolved	7439-92-1	E421/VA	0.000050	mg/L	<0.000050	----	----	----	----	----
Lithium, dissolved	7439-93-2	E421/VA	0.0010	mg/L	0.0018	----	----	----	----	----
Magnesium, dissolved	7439-95-4	E421/VA	0.0050	mg/L	1.44	----	----	----	----	----
Manganese, dissolved	7439-96-5	E421/VA	0.00010	mg/L	0.00033	----	----	----	----	----
Mercury, dissolved	7439-97-6	E509/VA	0.0000050	mg/L	<0.0000050	----	----	----	----	----
Molybdenum, dissolved	7439-98-7	E421/VA	0.000050	mg/L	0.00812	----	----	----	----	----
Nickel, dissolved	7440-02-0	E421/VA	0.00050	mg/L	<0.00050	----	----	----	----	----
Phosphorus, dissolved	7723-14-0	E421/VA	0.050	mg/L	<0.050	----	----	----	----	----
Potassium, dissolved	7440-09-7	E421/VA	0.050	mg/L	4.67	----	----	----	----	----
Rubidium, dissolved	7440-17-7	E421/VA	0.00020	mg/L	0.00088	----	----	----	----	----
Selenium, dissolved	7782-49-2	E421/VA	0.000050	mg/L	<0.000050	----	----	----	----	----
Silicon, dissolved	7440-21-3	E421/VA	0.050	mg/L	10.8	----	----	----	----	----
Silver, dissolved	7440-22-4	E421/VA	0.000010	mg/L	<0.000010	----	----	----	----	----
Sodium, dissolved	7440-23-5	E421/VA	0.050	mg/L	58.6	----	----	----	----	----
Strontium, dissolved	7440-24-6	E421/VA	0.00020	mg/L	0.0212	----	----	----	----	----
Sulfur, dissolved	7704-34-9	E421/VA	0.50	mg/L	<0.50	----	----	----	----	----
Tellurium, dissolved	13494-80-9	E421/VA	0.00020	mg/L	<0.00020	----	----	----	----	----



Analytical Results

Sub-Matrix: Water

(Matrix: Water)

					Client sample ID	WTP	----	----	----	----
					Client sampling date / time	08-May-2025 16:45	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	VA25B0664-001	----	----	----	----	----
					Result	----	----	----	----	----
Dissolved Metals										
Thallium, dissolved	7440-28-0	E421/VA	0.000010	mg/L	<0.000010	----	----	----	----	----
Thorium, dissolved	7440-29-1	E421/VA	0.00010	mg/L	<0.00010	----	----	----	----	----
Tin, dissolved	7440-31-5	E421/VA	0.00010	mg/L	<0.00010	----	----	----	----	----
Titanium, dissolved	7440-32-6	E421/VA	0.00030	mg/L	<0.00030	----	----	----	----	----
Tungsten, dissolved	7440-33-7	E421/VA	0.00010	mg/L	0.00013	----	----	----	----	----
Uranium, dissolved	7440-61-1	E421/VA	0.000010	mg/L	<0.000010	----	----	----	----	----
Vanadium, dissolved	7440-62-2	E421/VA	0.00050	mg/L	0.00091	----	----	----	----	----
Zinc, dissolved	7440-66-6	E421/VA	0.0010	mg/L	0.0037	----	----	----	----	----
Zirconium, dissolved	7440-67-7	E421/VA	0.00020	mg/L	<0.00020	----	----	----	----	----
Dissolved mercury filtration location	----	EP509/VA	-	-	Field	----	----	----	----	----
Dissolved metals filtration location	----	EP421/VA	-	-	Field	----	----	----	----	----
Aggregate Organics										
Phenols, total (4AAP)	----	E562/EO	0.0010	mg/L	<0.0010	----	----	----	----	----
Volatile Organic Compounds										
Chlorobenzene	108-90-7	E611C/VA	0.50	µg/L	<0.50	----	----	----	----	----
Chloromethane	74-87-3	E611C/VA	5.0	µg/L	<5.0	----	----	----	----	----
Dichlorobenzene, 1,2-	95-50-1	E611C/VA	0.50	µg/L	<0.50	----	----	----	----	----
Dichlorobenzene, 1,3-	541-73-1	E611C/VA	0.50	µg/L	<0.50	----	----	----	----	----
Dichlorobenzene, 1,4-	106-46-7	E611C/VA	0.50	µg/L	<0.50	----	----	----	----	----
Dichloropropane, 1,2-	78-87-5	E611C/VA	0.50	µg/L	<0.50	----	----	----	----	----
Dichloropropylene, cis-1,3-	10061-01-5	E611C/VA	0.50	µg/L	<0.50	----	----	----	----	----



Analytical Results

Sub-Matrix: Water

(Matrix: Water)

					Client sample ID	WTP	----	----	----	----
					Client sampling date / time	08-May-2025 16:45	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	VA25B0664-001	----	----	----	----	----
					Result	----	----	----	----	----
Volatile Organic Compounds										
Dichloropropylene, cis+trans-1,3-	542-75-6	E611CVA	0.75	µg/L	<0.75	----	----	----	----	----
Tetrachloroethane, 1,1,1,2-	630-20-6	E611CVA	0.50	µg/L	<0.50	----	----	----	----	----
Tetrachloroethane, 1,1,2,2-	79-34-5	E611CVA	0.20	µg/L	<0.20	----	----	----	----	----
Trichloroethane, 1,1,2-	79-00-5	E611CVA	0.50	µg/L	<0.50	----	----	----	----	----
Trichlorofluoromethane	75-69-4	E611CVA	0.50	µg/L	<0.50	----	----	----	----	----
Volatile Organic Compounds [Drycleaning]										
Carbon tetrachloride	56-23-5	E611CVA	0.50	µg/L	<0.50	----	----	----	----	----
Chloroethane	75-00-3	E611CVA	0.50	µg/L	<0.50	----	----	----	----	----
Dichloroethane, 1,1-	75-34-3	E611CVA	0.50	µg/L	<0.50	----	----	----	----	----
Dichloroethane, 1,2-	107-06-2	E611CVA	0.50	µg/L	<0.50	----	----	----	----	----
Dichloroethylene, 1,1-	75-35-4	E611CVA	0.50	µg/L	<0.50	----	----	----	----	----
Dichloroethylene, cis-1,2-	156-59-2	E611CVA	0.50	µg/L	<0.50	----	----	----	----	----
Dichloroethylene, trans-1,2-	156-60-5	E611CVA	0.50	µg/L	<0.50	----	----	----	----	----
Dichloromethane	75-09-2	E611CVA	1.0	µg/L	<1.0	----	----	----	----	----
Dichloropropylene, trans-1,3-	10061-02-6	E611CVA	0.50	µg/L	<0.50	----	----	----	----	----
Tetrachloroethylene	127-18-4	E611CVA	0.50	µg/L	<0.50	----	----	----	----	----
Trichloroethane, 1,1,1-	71-55-6	E611CVA	0.50	µg/L	<0.50	----	----	----	----	----
Trichloroethylene	79-01-6	E611CVA	0.50	µg/L	<0.50	----	----	----	----	----
Vinyl chloride	75-01-4	E611CVA	0.40	µg/L	<0.40	----	----	----	----	----
Volatile Organic Compounds [Fuels]										
Benzene	71-43-2	E611CVA	0.50	µg/L	<0.50	----	----	----	----	----



Analytical Results

Sub-Matrix: Water

(Matrix: Water)

					Client sample ID	WTP	----	----	----	----
					Client sampling date / time	08-May-2025 16:45	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	VA25B0664-001	----	----	----	----	----
					Result	----	----	----	----	----
Volatile Organic Compounds [Fuels]										
Ethylbenzene	100-41-4	E611C/VA	0.50	µg/L	<0.50	----	----	----	----	----
Methyl-tert-butyl ether [MTBE]	1634-04-4	E611C/VA	0.50	µg/L	<0.50	----	----	----	----	----
Styrene	100-42-5	E611C/VA	0.50	µg/L	<0.50	----	----	----	----	----
Toluene	108-88-3	E611C/VA	0.40	µg/L	<0.40	----	----	----	----	----
Xylene, m+p-	179601-23-1	E611C/VA	0.40	µg/L	<0.40	----	----	----	----	----
Xylene, o-	95-47-6	E611C/VA	0.30	µg/L	<0.30	----	----	----	----	----
Xylenes, total	1330-20-7	E611C/VA	0.50	µg/L	<0.50	----	----	----	----	----
Volatile Organic Compounds [THMs]										
Bromodichloromethane	75-27-4	E611C/VA	0.50	µg/L	<0.50	----	----	----	----	----
Bromoform	75-25-2	E611C/VA	0.50	µg/L	<0.50	----	----	----	----	----
Chloroform	67-66-3	E611C/VA	0.50	µg/L	<0.50	----	----	----	----	----
Dibromochloromethane	124-48-1	E611C/VA	0.50	µg/L	<0.50	----	----	----	----	----
Hydrocarbons										
EPH (C10-C19)	----	E601A/VA	250	µg/L	<250	----	----	----	----	----
EPH (C19-C32)	----	E601A/VA	250	µg/L	<250	----	----	----	----	----
VHw (C6-C10)	----	E581.VH+F1/VA	100	µg/L	<100	----	----	----	----	----
HEPHw	----	EC600A/VA	250	µg/L	<250	----	----	----	----	----
LEPHw	----	EC600A/VA	250	µg/L	<250	----	----	----	----	----
VPHw	----	EC580A/VA	100	µg/L	<100	----	----	----	----	----
Hydrocarbons Surrogates										
Bromobenzotrifluoride, 2- (EPH surrogate)	392-83-6	E601A/VA	1.0	%	88.7	----	----	----	----	----



Analytical Results

Sub-Matrix: Water

(Matrix: Water)

					Client sample ID	WTP	----	----	----	----
					Client sampling date / time	08-May-2025 16:45	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	VA25B0664-001	----	----	----	----	----
					Result	----	----	----	----	----
Hydrocarbons Surrogates										
Dichlorotoluene, 3,4-	95-75-0	E581.VH+F1/VA	1.0	%	91.1	----	----	----	----	----
Volatile Organic Compounds Surrogates										
Bromofluorobenzene, 4-	460-00-4	E611C/VA	1.0	%	96.9	----	----	----	----	----
Difluorobenzene, 1,4-	540-36-3	E611C/VA	1.0	%	98.9	----	----	----	----	----
Polycyclic Aromatic Hydrocarbons										
Acenaphthene	83-32-9	E641A/VA	0.010	µg/L	<0.010	----	----	----	----	----
Acenaphthylene	208-96-8	E641A/VA	0.010	µg/L	<0.010	----	----	----	----	----
Acridine	260-94-6	E641A/VA	0.010	µg/L	<0.010	----	----	----	----	----
Anthracene	120-12-7	E641A/VA	0.010	µg/L	<0.010	----	----	----	----	----
Benz(a)anthracene	56-55-3	E641A/VA	0.010	µg/L	<0.010	----	----	----	----	----
Benzo(a)pyrene	50-32-8	E641A/VA	0.0050	µg/L	<0.0050	----	----	----	----	----
Benzo(b+j)fluoranthene	n/a	E641A/VA	0.010	µg/L	<0.010	----	----	----	----	----
Benzo(b+j+k)fluoranthene	n/a	E641A/VA	0.015	µg/L	<0.015	----	----	----	----	----
Benzo(g,h,i)perylene	191-24-2	E641A/VA	0.010	µg/L	<0.010	----	----	----	----	----
Benzo(k)fluoranthene	207-08-9	E641A/VA	0.010	µg/L	<0.010	----	----	----	----	----
Chrysene	218-01-9	E641A/VA	0.010	µg/L	<0.010	----	----	----	----	----
Dibenz(a,h)anthracene	53-70-3	E641A/VA	0.0050	µg/L	<0.0050	----	----	----	----	----
Fluoranthene	206-44-0	E641A/VA	0.010	µg/L	<0.010	----	----	----	----	----
Fluorene	86-73-7	E641A/VA	0.010	µg/L	<0.010	----	----	----	----	----
Indeno(1,2,3-c,d)pyrene	193-39-5	E641A/VA	0.010	µg/L	<0.010	----	----	----	----	----
Methylnaphthalene, 1-	90-12-0	E641A/VA	0.010	µg/L	<0.010	----	----	----	----	----



Analytical Results

Sub-Matrix: Water

(Matrix: Water)

					Client sample ID	WTP	----	----	----	----
					Client sampling date / time	08-May-2025 16:45	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	VA25B0664-001	----	----	----	----	----
					Result	----	----	----	----	----
Polycyclic Aromatic Hydrocarbons										
Methylnaphthalene, 2-	91-57-6	E641A/VA	0.010	µg/L	<0.010	----	----	----	----	----
Naphthalene	91-20-3	E641A/VA	0.050	µg/L	<0.050	----	----	----	----	----
Phenanthrene	85-01-8	E641A/VA	0.020	µg/L	<0.020	----	----	----	----	----
Pyrene	129-00-0	E641A/VA	0.010	µg/L	<0.010	----	----	----	----	----
Quinoline	91-22-5	E641A/VA	0.050	µg/L	<0.050	----	----	----	----	----
Polycyclic Aromatic Hydrocarbons Surrogates										
Chrysene-d12	1719-03-5	E641A/VA	0.1	%	94.4	----	----	----	----	----
Naphthalene-d8	1146-65-2	E641A/VA	0.1	%	97.6	----	----	----	----	----
Phenanthrene-d10	1517-22-2	E641A/VA	0.1	%	98.0	----	----	----	----	----

Please refer to the General Comments section for an explanation of any qualifiers detected.

QUALITY CONTROL REPORT

Work Order	: VA25B0664	Page	: 1 of 22
Client	: Frontier-Kemper Michels Joint Venture	Laboratory	: ALS Environmental - Vancouver
Contact	: Sara Derakhshi	Account Manager	: Kevin Bhikadia
Address	: 404-850 Harbourside Drive North Vancouver BC Canada V7P 0A3	Address	: 8081 Lougheed Highway Burnaby, British Columbia Canada V5A 1W9
Telephone	: ----	Telephone	: +1 604 253 4188
Project	: ----	Date Samples Received	: 08-May-2025 20:05
PO	: ----	Date Analysis Commenced	: 08-May-2025
C-O-C number	: 23-1142237	Issue Date	: 12-May-2025 12:19
Sampler	: ----		
Site	: BCR		
Quote number	: WTP Discharge		
No. of samples received	: 1		
No. of samples analysed	: 1		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percent Difference (RPD) and Data Quality Objectives
- Matrix Spike (MS) Report; Recovery and Data Quality Objectives
- Reference Material (RM) Report; Recovery and Data Quality Objectives
- Method Blank (MB) Report; Recovery and Data Quality Objectives
- Laboratory Control Sample (LCS) Report; Recovery and Data Quality Objectives

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

Signatories	Position	Laboratory Department
Anita Chuang	Lab Assistant	Vancouver Inorganics, Burnaby, British Columbia
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Daniela Ruiz	Account Manager Assistant	Vancouver Administration, Burnaby, British Columbia
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Miles Gropen	Department Manager - Inorganics	Vancouver Inorganics, Burnaby, British Columbia
Ophelia Chiu	Department Manager - Organics	Vancouver Organics, Burnaby, British Columbia
Owen Cheng		Vancouver Metals, Burnaby, British Columbia
Tracy Harley	Supervisor - Water Quality Instrumentation	Vancouver Inorganics, Burnaby, British Columbia



General Comments

The ALS Quality Control (QC) report is optionally provided to ALS clients upon request. ALS test methods include comprehensive QC checks with every analysis to ensure our high standards of quality are met. Each QC result has a known or expected target value, which is compared against predetermined Data Quality Objectives (DQOs) to provide confidence in the accuracy of associated test results. This report contains detailed results for all QC results applicable to this sample submission. Please refer to the ALS Quality Control Interpretation report (QCI) for applicable method references and methodology summaries.

Key :

Anonymous = Refers to samples which are not part of this work order, but which formed part of the QC process lot.

CAS Number = Chemical Abstracts Service number is a unique identifier assigned to discrete substances.

DQO = Data Quality Objective.

LOR = Limit of Reporting (detection limit).

RPD = Relative Percent Difference

= Indicates a QC result that did not meet the ALS DQO.

Workorder Comments

Holding times are displayed as "---" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.



Laboratory Duplicate (DUP) Report

A Laboratory Duplicate (DUP) is a randomly selected intralaboratory replicate sample. Laboratory Duplicates provide information regarding method precision and sample heterogeneity. ALS DQOs for Laboratory Duplicates are expressed as test-specific limits for Relative Percent Difference (RPD), or as an absolute difference limit of 2 times the LOR for low concentration duplicates within ~ 4-10 times the LOR (cut-off is test-specific).

Sub-Matrix: Water					Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Physical Tests (QC Lot: 1987404)											
FJ2501282-001	Anonymous	Turbidity	----	E121	0.10	NTU	<0.10	<0.10	0	Diff <2x LOR	----
Physical Tests (QC Lot: 1987440)											
VA25B0566-001	Anonymous	Conductivity	----	E100	2.0	µS/cm	311	311	0.00%	10%	----
Physical Tests (QC Lot: 1987441)											
VA25B0566-001	Anonymous	pH	----	E108	0.10	pH units	7.60	7.61	0.131%	4%	----
Physical Tests (QC Lot: 1987497)											
VA25B0664-001	WTP	Solids, total dissolved [TDS]	----	E162	20	mg/L	208	216	3.77%	20%	----
Physical Tests (QC Lot: 1987498)											
VA25B0660-001	Anonymous	Solids, total suspended [TSS]	----	E160	3.0	mg/L	9.5	10.7	1.2	Diff <2x LOR	----
Physical Tests (QC Lot: 1987807)											
FJ2501252-001	Anonymous	Oxidation-reduction potential [ORP]	----	E125	0.10	mV	187	188	0.801%	10%	----
Anions and Nutrients (QC Lot: 1987386)											
FJ2501320-017	Anonymous	Nitrogen, total	7727-37-9	E366	0.030	mg/L	<0.030	<0.030	0	Diff <2x LOR	----
Anions and Nutrients (QC Lot: 1987387)											
FJ2501320-017	Anonymous	Phosphorus, total	7723-14-0	E372-U	0.0020	mg/L	<0.0020	<0.0020	0	Diff <2x LOR	----
Anions and Nutrients (QC Lot: 1987388)											
FJ2501320-017	Anonymous	Ammonia, total (as N)	7664-41-7	E298	0.0050	mg/L	<0.0050	<0.0050	0	Diff <2x LOR	----
Anions and Nutrients (QC Lot: 1987443)											
VA25B0566-001	Anonymous	Sulfate (as SO4)	14808-79-8	E235.SO4	0.30	mg/L	65.7	65.5	0.266%	20%	----
Anions and Nutrients (QC Lot: 1987444)											
VA25B0566-001	Anonymous	Nitrate (as N)	14797-55-8	E235.NO3-L	0.0050	mg/L	1.52	1.52	0.252%	20%	----
Anions and Nutrients (QC Lot: 1987445)											
VA25B0566-001	Anonymous	Nitrite (as N)	14797-65-0	E235.NO2-L	0.0010	mg/L	0.0130	0.0129	0.742%	20%	----
Anions and Nutrients (QC Lot: 1987446)											
VA25B0566-001	Anonymous	Fluoride	16984-48-8	E235.F	0.020	mg/L	0.125	0.123	0.001	Diff <2x LOR	----
Anions and Nutrients (QC Lot: 1987447)											
VA25B0566-001	Anonymous	Chloride	16887-00-6	E235.Cl	0.50	mg/L	8.35	8.33	0.163%	20%	----
Anions and Nutrients (QC Lot: 1987448)											
VA25B0566-001	Anonymous	Bromide	24959-67-9	E235.Br-L	0.050	mg/L	<0.050	<0.050	0	Diff <2x LOR	----
Organic / Inorganic Carbon (QC Lot: 1987384)											



Sub-Matrix: Water					Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Organic / Inorganic Carbon (QC Lot: 1987384) - continued											
VA25B0664-001	WTP	Carbon, dissolved organic [DOC]	----	E358-L	0.50	mg/L	0.51	0.61	0.10	Diff <2x LOR	----
Organic / Inorganic Carbon (QC Lot: 1987385)											
VA25B0664-001	WTP	Carbon, total organic [TOC]	----	E355-L	0.50	mg/L	<0.50	0.55	0.05	Diff <2x LOR	----
Total Metals (QC Lot: 1987403)											
VA25B0664-001	WTP	Aluminum, total	7429-90-5	E420	0.0030	mg/L	0.0625	0.0593	5.12%	20%	----
		Antimony, total	7440-36-0	E420	0.00010	mg/L	<0.00010	<0.00010	0	Diff <2x LOR	----
		Arsenic, total	7440-38-2	E420	0.00010	mg/L	<0.00010	<0.00010	0	Diff <2x LOR	----
		Barium, total	7440-39-3	E420	0.00010	mg/L	0.00136	0.00134	1.63%	20%	----
		Beryllium, total	7440-41-7	E420	0.000100	mg/L	<0.000100	<0.000100	0	Diff <2x LOR	----
		Bismuth, total	7440-69-9	E420	0.000050	mg/L	<0.000050	<0.000050	0	Diff <2x LOR	----
		Boron, total	7440-42-8	E420	0.010	mg/L	0.087	0.086	0.0006	Diff <2x LOR	----
		Cadmium, total	7440-43-9	E420	0.0000050	mg/L	<0.0000050	<0.0000050	0	Diff <2x LOR	----
		Calcium, total	7440-70-2	E420	0.050	mg/L	1.46	1.42	2.65%	20%	----
		Cesium, total	7440-46-2	E420	0.000010	mg/L	0.000034	0.000039	0.000005	Diff <2x LOR	----
		Chromium, total	7440-47-3	E420	0.00050	mg/L	<0.00050	<0.00050	0	Diff <2x LOR	----
		Cobalt, total	7440-48-4	E420	0.00010	mg/L	<0.00010	<0.00010	0	Diff <2x LOR	----
		Copper, total	7440-50-8	E420	0.00050	mg/L	0.00080	0.00076	0.00004	Diff <2x LOR	----
		Iron, total	7439-89-6	E420	0.010	mg/L	<0.010	<0.010	0	Diff <2x LOR	----
		Lead, total	7439-92-1	E420	0.000050	mg/L	<0.000050	<0.000050	0	Diff <2x LOR	----
		Lithium, total	7439-93-2	E420	0.0010	mg/L	0.0022	0.0022	0.000008	Diff <2x LOR	----
		Magnesium, total	7439-95-4	E420	0.0050	mg/L	1.51	1.47	2.56%	20%	----
		Manganese, total	7439-96-5	E420	0.00010	mg/L	0.00037	0.00039	0.00002	Diff <2x LOR	----
		Molybdenum, total	7439-98-7	E420	0.000050	mg/L	0.00826	0.00847	2.50%	20%	----
		Nickel, total	7440-02-0	E420	0.00050	mg/L	<0.00050	<0.00050	0	Diff <2x LOR	----
		Phosphorus, total	7723-14-0	E420	0.050	mg/L	<0.050	<0.050	0	Diff <2x LOR	----
		Potassium, total	7440-09-7	E420	0.050	mg/L	4.72	4.59	2.73%	20%	----
		Rubidium, total	7440-17-7	E420	0.00020	mg/L	0.00085	0.00091	0.00006	Diff <2x LOR	----
		Selenium, total	7782-49-2	E420	0.000050	mg/L	<0.000050	<0.000050	0	Diff <2x LOR	----
		Silicon, total	7440-21-3	E420	0.10	mg/L	11.3	11.3	0.268%	20%	----
		Silver, total	7440-22-4	E420	0.000010	mg/L	<0.000010	<0.000010	0	Diff <2x LOR	----
		Sodium, total	7440-23-5	E420	0.050	mg/L	61.2	59.7	2.49%	20%	----
		Strontium, total	7440-24-6	E420	0.00020	mg/L	0.0219	0.0224	2.35%	20%	----
		Sulfur, total	7704-34-9	E420	0.50	mg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Tellurium, total	13494-80-9	E420	0.00020	mg/L	<0.00020	<0.00020	0	Diff <2x LOR	----



Sub-Matrix: Water					Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Total Metals (QC Lot: 1987403) - continued											
VA25B0664-001	WTP	Thallium, total	7440-28-0	E420	0.000010	mg/L	<0.000010	<0.000010	0	Diff <2x LOR	----
		Thorium, total	7440-29-1	E420	0.000010	mg/L	<0.000010	<0.000010	0	Diff <2x LOR	----
		Tin, total	7440-31-5	E420	0.000010	mg/L	<0.000010	<0.000010	0	Diff <2x LOR	----
		Titanium, total	7440-32-6	E420	0.000030	mg/L	<0.000030	<0.000030	0	Diff <2x LOR	----
		Tungsten, total	7440-33-7	E420	0.000010	mg/L	0.000014	0.000014	0.0000002	Diff <2x LOR	----
		Uranium, total	7440-61-1	E420	0.000010	mg/L	<0.000010	<0.000010	0	Diff <2x LOR	----
		Vanadium, total	7440-62-2	E420	0.000050	mg/L	0.000095	0.000090	0.000005	Diff <2x LOR	----
		Zinc, total	7440-66-6	E420	0.0030	mg/L	<0.0030	<0.0030	0	Diff <2x LOR	----
		Zirconium, total	7440-67-7	E420	0.000020	mg/L	<0.000020	<0.000020	0	Diff <2x LOR	----
Total Metals (QC Lot: 1987462)											
VA25B0276-001	Anonymous	Mercury, total	7439-97-6	E508	0.0000050	mg/L	0.0000147	0.0000178	0.0000031	Diff <2x LOR	----
Dissolved Metals (QC Lot: 1987402)											
VA25B0664-001	WTP	Aluminum, dissolved	7429-90-5	E421	0.0010	mg/L	0.0017	0.0020	0.0002	Diff <2x LOR	----
		Antimony, dissolved	7440-36-0	E421	0.000010	mg/L	<0.000010	<0.000010	0	Diff <2x LOR	----
		Arsenic, dissolved	7440-38-2	E421	0.000010	mg/L	<0.000010	<0.000010	0	Diff <2x LOR	----
		Barium, dissolved	7440-39-3	E421	0.000010	mg/L	0.00132	0.00133	0.117%	20%	----
		Beryllium, dissolved	7440-41-7	E421	0.000100	mg/L	<0.000100	<0.000100	0	Diff <2x LOR	----
		Bismuth, dissolved	7440-69-9	E421	0.000050	mg/L	<0.000050	<0.000050	0	Diff <2x LOR	----
		Boron, dissolved	7440-42-8	E421	0.010	mg/L	0.084	0.085	0.001	Diff <2x LOR	----
		Cadmium, dissolved	7440-43-9	E421	0.0000050	mg/L	<0.0000050	<0.0000050	0	Diff <2x LOR	----
		Calcium, dissolved	7440-70-2	E421	0.050	mg/L	1.39	1.38	0.596%	20%	----
		Cesium, dissolved	7440-46-2	E421	0.000010	mg/L	0.000034	0.000038	0.000004	Diff <2x LOR	----
		Chromium, dissolved	7440-47-3	E421	0.000050	mg/L	<0.000050	<0.000050	0	Diff <2x LOR	----
		Cobalt, dissolved	7440-48-4	E421	0.000010	mg/L	<0.000010	<0.000010	0	Diff <2x LOR	----
		Copper, dissolved	7440-50-8	E421	0.000020	mg/L	0.000075	0.000076	0.000002	Diff <2x LOR	----
		Iron, dissolved	7439-89-6	E421	0.010	mg/L	<0.010	<0.010	0	Diff <2x LOR	----
		Lead, dissolved	7439-92-1	E421	0.000050	mg/L	<0.000050	<0.000050	0	Diff <2x LOR	----
		Lithium, dissolved	7439-93-2	E421	0.0010	mg/L	0.0018	0.0018	0.000001	Diff <2x LOR	----
		Magnesium, dissolved	7439-95-4	E421	0.0050	mg/L	1.44	1.46	1.32%	20%	----
		Manganese, dissolved	7439-96-5	E421	0.000010	mg/L	0.000033	0.000032	0.0000005	Diff <2x LOR	----
		Molybdenum, dissolved	7439-98-7	E421	0.000050	mg/L	0.00812	0.00816	0.416%	20%	----
		Nickel, dissolved	7440-02-0	E421	0.000050	mg/L	<0.000050	<0.000050	0	Diff <2x LOR	----
		Phosphorus, dissolved	7723-14-0	E421	0.050	mg/L	<0.050	<0.050	0	Diff <2x LOR	----
		Potassium, dissolved	7440-09-7	E421	0.050	mg/L	4.67	4.67	0.0161%	20%	----



Sub-Matrix: Water					Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Dissolved Metals (QC Lot: 1987402) - continued											
VA25B0664-001	WTP	Rubidium, dissolved	7440-17-7	E421	0.00020	mg/L	0.00088	0.00086	0.00002	Diff <2x LOR	----
		Selenium, dissolved	7782-49-2	E421	0.000050	mg/L	<0.000050	<0.000050	0	Diff <2x LOR	----
		Silicon, dissolved	7440-21-3	E421	0.050	mg/L	10.8	11.2	4.05%	20%	----
		Silver, dissolved	7440-22-4	E421	0.000010	mg/L	<0.000010	<0.000010	0	Diff <2x LOR	----
		Sodium, dissolved	7440-23-5	E421	0.050	mg/L	58.6	59.0	0.672%	20%	----
		Strontium, dissolved	7440-24-6	E421	0.00020	mg/L	0.0212	0.0210	1.27%	20%	----
		Sulfur, dissolved	7704-34-9	E421	0.50	mg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Tellurium, dissolved	13494-80-9	E421	0.00020	mg/L	<0.00020	<0.00020	0	Diff <2x LOR	----
		Thallium, dissolved	7440-28-0	E421	0.000010	mg/L	<0.000010	<0.000010	0	Diff <2x LOR	----
		Thorium, dissolved	7440-29-1	E421	0.00010	mg/L	<0.00010	<0.00010	0	Diff <2x LOR	----
		Tin, dissolved	7440-31-5	E421	0.00010	mg/L	<0.00010	<0.00010	0	Diff <2x LOR	----
		Titanium, dissolved	7440-32-6	E421	0.00030	mg/L	<0.00030	<0.00030	0	Diff <2x LOR	----
		Tungsten, dissolved	7440-33-7	E421	0.00010	mg/L	0.00013	0.00014	0.000004	Diff <2x LOR	----
		Uranium, dissolved	7440-61-1	E421	0.000010	mg/L	<0.000010	<0.000010	0	Diff <2x LOR	----
		Vanadium, dissolved	7440-62-2	E421	0.00050	mg/L	0.00091	0.00088	0.00003	Diff <2x LOR	----
		Zinc, dissolved	7440-66-6	E421	0.0010	mg/L	0.0037	0.0032	0.0006	Diff <2x LOR	----
		Zirconium, dissolved	7440-67-7	E421	0.00020	mg/L	<0.00020	<0.00020	0	Diff <2x LOR	----
Dissolved Metals (QC Lot: 1987464)											
VA25B0535-001	Anonymous	Mercury, dissolved	7439-97-6	E509	0.0000050	mg/L	<0.0000050	<0.0000050	0	Diff <2x LOR	----
Aggregate Organics (QC Lot: 1991407)											
CG2505863-001	Anonymous	Phenols, total (4AAP)	----	E562	0.0010	mg/L	0.0030	0.0033	0.0004	Diff <2x LOR	----
Volatile Organic Compounds (QC Lot: 1987468)											
VA25B0664-001	WTP	Benzene	71-43-2	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Bromodichloromethane	75-27-4	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Bromoform	75-25-2	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Carbon tetrachloride	56-23-5	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Chlorobenzene	108-90-7	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Chloroethane	75-00-3	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Chloroform	67-66-3	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Chloromethane	74-87-3	E611C	5.0	µg/L	<5.0	<5.0	0	Diff <2x LOR	----
		Dibromochloromethane	124-48-1	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Dichlorobenzene, 1,2-	95-50-1	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Dichlorobenzene, 1,3-	541-73-1	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Dichlorobenzene, 1,4-	106-46-7	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----

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 Work Order : VA25B0664
 Client : Frontier-Kemper Michels Joint Venture
 Project : ----



Sub-Matrix: Water					Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Volatile Organic Compounds (QC Lot: 1987468) - continued											
VA25B0664-001	WTP	Dichloroethane, 1,1-	75-34-3	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Dichloroethane, 1,2-	107-06-2	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Dichloroethylene, 1,1-	75-35-4	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Dichloroethylene, cis-1,2-	156-59-2	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Dichloroethylene, trans-1,2-	156-60-5	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Dichloromethane	75-09-2	E611C	1.0	µg/L	<1.0	<1.0	0	Diff <2x LOR	----
		Dichloropropane, 1,2-	78-87-5	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Dichloropropylene, cis-1,3-	10061-01-5	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Dichloropropylene, trans-1,3-	10061-02-6	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Ethylbenzene	100-41-4	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Methyl-tert-butyl ether [MTBE]	1634-04-4	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Styrene	100-42-5	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Tetrachloroethane, 1,1,1,2-	630-20-6	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Tetrachloroethane, 1,1,2,2-	79-34-5	E611C	0.20	µg/L	<0.20	<0.20	0	Diff <2x LOR	----
		Tetrachloroethylene	127-18-4	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Toluene	108-88-3	E611C	0.40	µg/L	<0.40	<0.40	0	Diff <2x LOR	----
		Trichloroethane, 1,1,1-	71-55-6	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Trichloroethane, 1,1,2-	79-00-5	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Trichloroethylene	79-01-6	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Trichlorofluoromethane	75-69-4	E611C	0.50	µg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Vinyl chloride	75-01-4	E611C	0.40	µg/L	<0.40	<0.40	0	Diff <2x LOR	----
		Xylene, m+p-	179601-23-1	E611C	0.40	µg/L	<0.40	<0.40	0	Diff <2x LOR	----
		Xylene, o-	95-47-6	E611C	0.30	µg/L	<0.30	<0.30	0	Diff <2x LOR	----
Hydrocarbons (QC Lot: 1987467)											
VA25B0664-001	WTP	VHw (C6-C10)	----	E581.VH+F1	100	µg/L	<100	<100	0.0%	30%	----



Method Blank (MB) Report

A Method Blank is an analyte-free matrix that undergoes sample processing identical to that carried out for test samples. Method Blank results are used to monitor and control for potential contamination from the laboratory environment and reagents. For most tests, the DQO for Method Blanks is for the result to be < LOR.

Sub-Matrix: Water

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Physical Tests (QCLot: 1987404)						
Turbidity	----	E121	0.1	NTU	<0.10	----
Physical Tests (QCLot: 1987440)						
Conductivity	----	E100	1	µS/cm	<1.0	----
Physical Tests (QCLot: 1987442)						
Alkalinity, bicarbonate (as CaCO ₃)	----	E290	1	mg/L	<1.0	----
Alkalinity, carbonate (as CaCO ₃)	----	E290	1	mg/L	<1.0	----
Alkalinity, hydroxide (as CaCO ₃)	----	E290	1	mg/L	<1.0	----
Alkalinity, phenolphthalein (as CaCO ₃)	----	E290	1	mg/L	<1.0	----
Alkalinity, total (as CaCO ₃)	----	E290	1	mg/L	<1.0	----
Physical Tests (QCLot: 1987497)						
Solids, total dissolved [TDS]	----	E162	10	mg/L	<10	----
Physical Tests (QCLot: 1987498)						
Solids, total suspended [TSS]	----	E160	3	mg/L	<3.0	----
Anions and Nutrients (QCLot: 1987386)						
Nitrogen, total	7727-37-9	E366	0.03	mg/L	<0.030	----
Anions and Nutrients (QCLot: 1987387)						
Phosphorus, total	7723-14-0	E372-U	0.002	mg/L	<0.0020	----
Anions and Nutrients (QCLot: 1987388)						
Ammonia, total (as N)	7664-41-7	E298	0.005	mg/L	<0.0050	----
Anions and Nutrients (QCLot: 1987443)						
Sulfate (as SO ₄)	14808-79-8	E235.SO4	0.3	mg/L	<0.30	----
Anions and Nutrients (QCLot: 1987444)						
Nitrate (as N)	14797-55-8	E235.NO3-L	0.005	mg/L	<0.0050	----
Anions and Nutrients (QCLot: 1987445)						
Nitrite (as N)	14797-65-0	E235.NO2-L	0.001	mg/L	<0.0010	----
Anions and Nutrients (QCLot: 1987446)						
Fluoride	16984-48-8	E235.F	0.02	mg/L	<0.020	----
Anions and Nutrients (QCLot: 1987447)						
Chloride	16887-00-6	E235.Cl	0.5	mg/L	<0.50	----
Anions and Nutrients (QCLot: 1987448)						
Bromide	24959-67-9	E235.Br-L	0.05	mg/L	<0.050	----
Organic / Inorganic Carbon (QCLot: 1987384)						



Sub-Matrix: Water

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Organic / Inorganic Carbon (QCLot: 1987384) - continued						
Carbon, dissolved organic [DOC]	----	E358-L	0.5	mg/L	<0.50	----
Organic / Inorganic Carbon (QCLot: 1987385)						
Carbon, total organic [TOC]	----	E355-L	0.5	mg/L	<0.50	----
Total Metals (QCLot: 1987403)						
Aluminum, total	7429-90-5	E420	0.003	mg/L	<0.0030	----
Antimony, total	7440-36-0	E420	0.0001	mg/L	<0.00010	----
Arsenic, total	7440-38-2	E420	0.0001	mg/L	<0.00010	----
Barium, total	7440-39-3	E420	0.0001	mg/L	<0.00010	----
Beryllium, total	7440-41-7	E420	0.00002	mg/L	<0.000020	----
Bismuth, total	7440-69-9	E420	0.00005	mg/L	<0.000050	----
Boron, total	7440-42-8	E420	0.01	mg/L	<0.010	----
Cadmium, total	7440-43-9	E420	0.000005	mg/L	<0.0000050	----
Calcium, total	7440-70-2	E420	0.05	mg/L	<0.050	----
Cesium, total	7440-46-2	E420	0.00001	mg/L	<0.000010	----
Chromium, total	7440-47-3	E420	0.0005	mg/L	<0.00050	----
Cobalt, total	7440-48-4	E420	0.0001	mg/L	<0.00010	----
Copper, total	7440-50-8	E420	0.0005	mg/L	<0.00050	----
Iron, total	7439-89-6	E420	0.01	mg/L	<0.010	----
Lead, total	7439-92-1	E420	0.00005	mg/L	<0.000050	----
Lithium, total	7439-93-2	E420	0.001	mg/L	<0.0010	----
Magnesium, total	7439-95-4	E420	0.005	mg/L	<0.0050	----
Manganese, total	7439-96-5	E420	0.0001	mg/L	<0.00010	----
Molybdenum, total	7439-98-7	E420	0.00005	mg/L	<0.000050	----
Nickel, total	7440-02-0	E420	0.0005	mg/L	<0.00050	----
Phosphorus, total	7723-14-0	E420	0.05	mg/L	<0.050	----
Potassium, total	7440-09-7	E420	0.05	mg/L	<0.050	----
Rubidium, total	7440-17-7	E420	0.0002	mg/L	<0.00020	----
Selenium, total	7782-49-2	E420	0.00005	mg/L	<0.000050	----
Silicon, total	7440-21-3	E420	0.1	mg/L	<0.10	----
Silver, total	7440-22-4	E420	0.00001	mg/L	<0.000010	----
Sodium, total	7440-23-5	E420	0.05	mg/L	<0.050	----
Strontium, total	7440-24-6	E420	0.0002	mg/L	<0.00020	----
Sulfur, total	7704-34-9	E420	0.5	mg/L	<0.50	----
Tellurium, total	13494-80-9	E420	0.0002	mg/L	<0.00020	----
Thallium, total	7440-28-0	E420	0.00001	mg/L	<0.000010	----



Sub-Matrix: **Water**

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Total Metals (QCLot: 1987403) - continued						
Thorium, total	7440-29-1	E420	0.0001	mg/L	<0.00010	----
Tin, total	7440-31-5	E420	0.0001	mg/L	<0.00010	----
Titanium, total	7440-32-6	E420	0.0003	mg/L	<0.00030	----
Tungsten, total	7440-33-7	E420	0.0001	mg/L	<0.00010	----
Uranium, total	7440-61-1	E420	0.00001	mg/L	<0.000010	----
Vanadium, total	7440-62-2	E420	0.0005	mg/L	<0.00050	----
Zinc, total	7440-66-6	E420	0.003	mg/L	<0.0030	----
Zirconium, total	7440-67-7	E420	0.0002	mg/L	<0.00020	----
Total Metals (QCLot: 1987462)						
Mercury, total	7439-97-6	E508	0.000005	mg/L	<0.0000050	----
Dissolved Metals (QCLot: 1987402)						
Aluminum, dissolved	7429-90-5	E421	0.001	mg/L	<0.0010	----
Antimony, dissolved	7440-36-0	E421	0.0001	mg/L	<0.00010	----
Arsenic, dissolved	7440-38-2	E421	0.0001	mg/L	<0.00010	----
Barium, dissolved	7440-39-3	E421	0.0001	mg/L	<0.00010	----
Beryllium, dissolved	7440-41-7	E421	0.00002	mg/L	<0.000020	----
Bismuth, dissolved	7440-69-9	E421	0.00005	mg/L	<0.000050	----
Boron, dissolved	7440-42-8	E421	0.01	mg/L	<0.010	----
Cadmium, dissolved	7440-43-9	E421	0.000005	mg/L	<0.0000050	----
Calcium, dissolved	7440-70-2	E421	0.05	mg/L	<0.050	----
Cesium, dissolved	7440-46-2	E421	0.00001	mg/L	<0.000010	----
Chromium, dissolved	7440-47-3	E421	0.0005	mg/L	<0.00050	----
Cobalt, dissolved	7440-48-4	E421	0.0001	mg/L	<0.00010	----
Copper, dissolved	7440-50-8	E421	0.0002	mg/L	<0.00020	----
Iron, dissolved	7439-89-6	E421	0.01	mg/L	<0.010	----
Lead, dissolved	7439-92-1	E421	0.00005	mg/L	<0.000050	----
Lithium, dissolved	7439-93-2	E421	0.001	mg/L	<0.0010	----
Magnesium, dissolved	7439-95-4	E421	0.005	mg/L	<0.0050	----
Manganese, dissolved	7439-96-5	E421	0.0001	mg/L	<0.00010	----
Molybdenum, dissolved	7439-98-7	E421	0.00005	mg/L	<0.000050	----
Nickel, dissolved	7440-02-0	E421	0.0005	mg/L	<0.00050	----
Phosphorus, dissolved	7723-14-0	E421	0.05	mg/L	<0.050	----
Potassium, dissolved	7440-09-7	E421	0.05	mg/L	<0.050	----
Rubidium, dissolved	7440-17-7	E421	0.0002	mg/L	<0.00020	----
Selenium, dissolved	7782-49-2	E421	0.00005	mg/L	<0.000050	----



Sub-Matrix: **Water**

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Dissolved Metals (QCLot: 1987402) - continued						
Silicon, dissolved	7440-21-3	E421	0.05	mg/L	<0.050	----
Silver, dissolved	7440-22-4	E421	0.00001	mg/L	<0.000010	----
Sodium, dissolved	7440-23-5	E421	0.05	mg/L	<0.050	----
Strontium, dissolved	7440-24-6	E421	0.0002	mg/L	<0.00020	----
Sulfur, dissolved	7704-34-9	E421	0.5	mg/L	<0.50	----
Tellurium, dissolved	13494-80-9	E421	0.0002	mg/L	<0.00020	----
Thallium, dissolved	7440-28-0	E421	0.00001	mg/L	<0.000010	----
Thorium, dissolved	7440-29-1	E421	0.0001	mg/L	<0.00010	----
Tin, dissolved	7440-31-5	E421	0.0001	mg/L	<0.00010	----
Titanium, dissolved	7440-32-6	E421	0.0003	mg/L	<0.00030	----
Tungsten, dissolved	7440-33-7	E421	0.0001	mg/L	<0.00010	----
Uranium, dissolved	7440-61-1	E421	0.00001	mg/L	<0.000010	----
Vanadium, dissolved	7440-62-2	E421	0.0005	mg/L	<0.00050	----
Zinc, dissolved	7440-66-6	E421	0.001	mg/L	<0.0010	----
Zirconium, dissolved	7440-67-7	E421	0.0002	mg/L	<0.00020	----
Dissolved Metals (QCLot: 1987464)						
Mercury, dissolved	7439-97-6	E509	0.000005	mg/L	<0.0000050	----
Aggregate Organics (QCLot: 1991407)						
Phenols, total (4AAP)	----	E562	0.001	mg/L	<0.0010	----
Volatile Organic Compounds (QCLot: 1987468)						
Benzene	71-43-2	E611C	0.5	µg/L	<0.50	----
Bromodichloromethane	75-27-4	E611C	0.5	µg/L	<0.50	----
Bromoform	75-25-2	E611C	0.5	µg/L	<0.50	----
Carbon tetrachloride	56-23-5	E611C	0.5	µg/L	<0.50	----
Chlorobenzene	108-90-7	E611C	0.5	µg/L	<0.50	----
Chloroethane	75-00-3	E611C	0.5	µg/L	<0.50	----
Chloroform	67-66-3	E611C	0.5	µg/L	<0.50	----
Chloromethane	74-87-3	E611C	5	µg/L	<5.0	----
Dibromochloromethane	124-48-1	E611C	0.5	µg/L	<0.50	----
Dichlorobenzene, 1,2-	95-50-1	E611C	0.5	µg/L	<0.50	----
Dichlorobenzene, 1,3-	541-73-1	E611C	0.5	µg/L	<0.50	----
Dichlorobenzene, 1,4-	106-46-7	E611C	0.5	µg/L	<0.50	----
Dichloroethane, 1,1-	75-34-3	E611C	0.5	µg/L	<0.50	----
Dichloroethane, 1,2-	107-06-2	E611C	0.5	µg/L	<0.50	----
Dichloroethylene, 1,1-	75-35-4	E611C	0.5	µg/L	<0.50	----



Sub-Matrix: **Water**

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Volatile Organic Compounds (QCLot: 1987468) - continued						
Dichloroethylene, cis-1,2-	156-59-2	E611C	0.5	µg/L	<0.50	----
Dichloroethylene, trans-1,2-	156-60-5	E611C	0.5	µg/L	<0.50	----
Dichloromethane	75-09-2	E611C	1	µg/L	<1.0	----
Dichloropropane, 1,2-	78-87-5	E611C	0.5	µg/L	<0.50	----
Dichloropropylene, cis-1,3-	10061-01-5	E611C	0.5	µg/L	<0.50	----
Dichloropropylene, trans-1,3-	10061-02-6	E611C	0.5	µg/L	<0.50	----
Ethylbenzene	100-41-4	E611C	0.5	µg/L	<0.50	----
Methyl-tert-butyl ether [MTBE]	1634-04-4	E611C	0.5	µg/L	<0.50	----
Styrene	100-42-5	E611C	0.5	µg/L	<0.50	----
Tetrachloroethane, 1,1,1,2-	630-20-6	E611C	0.5	µg/L	<0.50	----
Tetrachloroethane, 1,1,2,2-	79-34-5	E611C	0.2	µg/L	<0.20	----
Tetrachloroethylene	127-18-4	E611C	0.5	µg/L	<0.50	----
Toluene	108-88-3	E611C	0.4	µg/L	<0.40	----
Trichloroethane, 1,1,1-	71-55-6	E611C	0.5	µg/L	<0.50	----
Trichloroethane, 1,1,2-	79-00-5	E611C	0.5	µg/L	<0.50	----
Trichloroethylene	79-01-6	E611C	0.5	µg/L	<0.50	----
Trichlorofluoromethane	75-69-4	E611C	0.5	µg/L	<0.50	----
Vinyl chloride	75-01-4	E611C	0.4	µg/L	<0.40	----
Xylene, m+p-	179601-23-1	E611C	0.4	µg/L	<0.40	----
Xylene, o-	95-47-6	E611C	0.3	µg/L	<0.30	----
Hydrocarbons (QCLot: 1987430)						
EPH (C10-C19)	----	E601A	250	µg/L	<250	----
EPH (C19-C32)	----	E601A	250	µg/L	<250	----
Hydrocarbons (QCLot: 1987467)						
VHw (C6-C10)	----	E581.VH+F1	100	µg/L	<100	----
Polycyclic Aromatic Hydrocarbons (QCLot: 1987431)						
Acenaphthene	83-32-9	E641A	0.01	µg/L	<0.010	----
Acenaphthylene	208-96-8	E641A	0.01	µg/L	<0.010	----
Acridine	260-94-6	E641A	0.01	µg/L	<0.010	----
Anthracene	120-12-7	E641A	0.01	µg/L	<0.010	----
Benz(a)anthracene	56-55-3	E641A	0.01	µg/L	<0.010	----
Benzo(a)pyrene	50-32-8	E641A	0.005	µg/L	<0.0050	----
Benzo(b+j)fluoranthene	n/a	E641A	0.01	µg/L	<0.010	----
Benzo(g,h,i)perylene	191-24-2	E641A	0.01	µg/L	<0.010	----
Benzo(k)fluoranthene	207-08-9	E641A	0.01	µg/L	<0.010	----



Sub-Matrix: Water

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Polycyclic Aromatic Hydrocarbons (QCLot: 1987431) - continued						
Chrysene	218-01-9	E641A	0.01	µg/L	<0.010	----
Dibenz(a,h)anthracene	53-70-3	E641A	0.005	µg/L	<0.0050	----
Fluoranthene	206-44-0	E641A	0.01	µg/L	<0.010	----
Fluorene	86-73-7	E641A	0.01	µg/L	<0.010	----
Indeno(1,2,3-c,d)pyrene	193-39-5	E641A	0.01	µg/L	<0.010	----
Methylnaphthalene, 1-	90-12-0	E641A	0.01	µg/L	<0.010	----
Methylnaphthalene, 2-	91-57-6	E641A	0.01	µg/L	<0.010	----
Naphthalene	91-20-3	E641A	0.05	µg/L	<0.050	----
Phenanthrene	85-01-8	E641A	0.02	µg/L	<0.020	----
Pyrene	129-00-0	E641A	0.01	µg/L	<0.010	----
Quinoline	91-22-5	E641A	0.05	µg/L	<0.050	----



Laboratory Control Sample (LCS) Report

A Laboratory Control Sample (LCS) is an analyte-free matrix that has been fortified (spiked) with test analytes at known concentration and processed in an identical manner to test samples. LCS results are expressed as percent recovery, and are used to monitor and control test method accuracy and precision, independent of test sample matrix.

Sub-Matrix: Water

					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		
Analyte	CAS Number	Method	LOR	Unit	Target Concentration	LCS	Low	High	Qualifier
Physical Tests (QCLot: 1987404)									
Turbidity	----	E121	0.1	NTU	200 NTU	100	85.0	115	----
Physical Tests (QCLot: 1987440)									
Conductivity	----	E100	1	µS/cm	147 µS/cm	101	90.0	110	----
Physical Tests (QCLot: 1987441)									
pH	----	E108	----	pH units	7 pH units	101	98.0	102	----
Physical Tests (QCLot: 1987442)									
Alkalinity, phenolphthalein (as CaCO3)	----	E290	1	mg/L	229 mg/L	111	75.0	125	----
Alkalinity, total (as CaCO3)	----	E290	1	mg/L	500 mg/L	104	85.0	115	----
Physical Tests (QCLot: 1987497)									
Solids, total dissolved [TDS]	----	E162	10	mg/L	1000 mg/L	109	85.0	115	----
Physical Tests (QCLot: 1987498)									
Solids, total suspended [TSS]	----	E160	3	mg/L	150 mg/L	106	85.0	115	----
Anions and Nutrients (QCLot: 1987386)									
Nitrogen, total	7727-37-9	E366	0.03	mg/L	0.5 mg/L	95.3	75.0	125	----
Anions and Nutrients (QCLot: 1987387)									
Phosphorus, total	7723-14-0	E372-U	0.002	mg/L	0.05 mg/L	98.5	80.0	120	----
Anions and Nutrients (QCLot: 1987388)									
Ammonia, total (as N)	7664-41-7	E298	0.005	mg/L	0.2 mg/L	99.6	85.0	115	----
Anions and Nutrients (QCLot: 1987443)									
Sulfate (as SO4)	14808-79-8	E235.SO4	0.3	mg/L	100 mg/L	100	90.0	110	----
Anions and Nutrients (QCLot: 1987444)									
Nitrate (as N)	14797-55-8	E235.NO3-L	0.005	mg/L	2.5 mg/L	104	90.0	110	----
Anions and Nutrients (QCLot: 1987445)									
Nitrite (as N)	14797-65-0	E235.NO2-L	0.001	mg/L	0.5 mg/L	99.3	90.0	110	----
Anions and Nutrients (QCLot: 1987446)									
Fluoride	16984-48-8	E235.F	0.02	mg/L	1 mg/L	101	90.0	110	----
Anions and Nutrients (QCLot: 1987447)									
Chloride	16887-00-6	E235.Cl	0.5	mg/L	100 mg/L	103	90.0	110	----
Anions and Nutrients (QCLot: 1987448)									
Bromide	24959-67-9	E235.Br-L	0.05	mg/L	0.5 mg/L	102	85.0	115	----



Sub-Matrix: Water					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		Qualifier
					Target Concentration	LCS	Low	High	
Analyte	CAS Number	Method	LOR	Unit	Target Concentration	LCS	Low	High	Qualifier
Organic / Inorganic Carbon (QCLot: 1987384)									
Carbon, dissolved organic [DOC]	----	E358-L	0.5	mg/L	8.57 mg/L	99.8	80.0	120	----
Organic / Inorganic Carbon (QCLot: 1987385)									
Carbon, total organic [TOC]	----	E355-L	0.5	mg/L	8.57 mg/L	98.3	80.0	120	----
Total Metals (QCLot: 1987403)									
Aluminum, total	7429-90-5	E420	0.003	mg/L	2 mg/L	94.2	80.0	120	----
Antimony, total	7440-36-0	E420	0.0001	mg/L	1 mg/L	99.2	80.0	120	----
Arsenic, total	7440-38-2	E420	0.0001	mg/L	1 mg/L	100	80.0	120	----
Barium, total	7440-39-3	E420	0.0001	mg/L	0.25 mg/L	104	80.0	120	----
Beryllium, total	7440-41-7	E420	0.00002	mg/L	0.1 mg/L	92.8	80.0	120	----
Bismuth, total	7440-69-9	E420	0.00005	mg/L	1 mg/L	94.1	80.0	120	----
Boron, total	7440-42-8	E420	0.01	mg/L	1 mg/L	92.2	80.0	120	----
Cadmium, total	7440-43-9	E420	0.000005	mg/L	0.1 mg/L	101	80.0	120	----
Calcium, total	7440-70-2	E420	0.05	mg/L	50 mg/L	91.8	80.0	120	----
Cesium, total	7440-46-2	E420	0.00001	mg/L	0.05 mg/L	98.0	80.0	120	----
Chromium, total	7440-47-3	E420	0.0005	mg/L	0.25 mg/L	98.1	80.0	120	----
Cobalt, total	7440-48-4	E420	0.0001	mg/L	0.25 mg/L	98.4	80.0	120	----
Copper, total	7440-50-8	E420	0.0005	mg/L	0.25 mg/L	97.2	80.0	120	----
Iron, total	7439-89-6	E420	0.01	mg/L	1 mg/L	95.1	80.0	120	----
Lead, total	7439-92-1	E420	0.00005	mg/L	0.5 mg/L	95.4	80.0	120	----
Lithium, total	7439-93-2	E420	0.001	mg/L	0.25 mg/L	93.0	80.0	120	----
Magnesium, total	7439-95-4	E420	0.005	mg/L	50 mg/L	99.6	80.0	120	----
Manganese, total	7439-96-5	E420	0.0001	mg/L	0.25 mg/L	96.4	80.0	120	----
Molybdenum, total	7439-98-7	E420	0.00005	mg/L	0.25 mg/L	99.1	80.0	120	----
Nickel, total	7440-02-0	E420	0.0005	mg/L	0.5 mg/L	98.9	80.0	120	----
Phosphorus, total	7723-14-0	E420	0.05	mg/L	10 mg/L	98.6	80.0	120	----
Potassium, total	7440-09-7	E420	0.05	mg/L	50 mg/L	97.4	80.0	120	----
Rubidium, total	7440-17-7	E420	0.0002	mg/L	0.1 mg/L	95.4	80.0	120	----
Selenium, total	7782-49-2	E420	0.00005	mg/L	1 mg/L	98.9	80.0	120	----
Silicon, total	7440-21-3	E420	0.1	mg/L	10 mg/L	101	80.0	120	----
Silver, total	7440-22-4	E420	0.00001	mg/L	0.1 mg/L	93.3	80.0	120	----
Sodium, total	7440-23-5	E420	0.05	mg/L	50 mg/L	103	80.0	120	----
Strontium, total	7440-24-6	E420	0.0002	mg/L	0.25 mg/L	100	80.0	120	----
Sulfur, total	7704-34-9	E420	0.5	mg/L	50 mg/L	93.8	80.0	120	----
Tellurium, total	13494-80-9	E420	0.0002	mg/L	0.1 mg/L	94.6	80.0	120	----
Thallium, total	7440-28-0	E420	0.00001	mg/L	1 mg/L	96.0	80.0	120	----



Sub-Matrix: Water					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		Qualifier
					Target Concentration	LCS	Low	High	
Analyte	CAS Number	Method	LOR	Unit	Target Concentration	LCS	Low	High	Qualifier
Total Metals (QCLot: 1987403) - continued									
Thorium, total	7440-29-1	E420	0.0001	mg/L	0.1 mg/L	94.8	80.0	120	----
Tin, total	7440-31-5	E420	0.0001	mg/L	0.5 mg/L	102	80.0	120	----
Titanium, total	7440-32-6	E420	0.0003	mg/L	0.25 mg/L	96.0	80.0	120	----
Tungsten, total	7440-33-7	E420	0.0001	mg/L	0.1 mg/L	98.0	80.0	120	----
Uranium, total	7440-61-1	E420	0.00001	mg/L	0.005 mg/L	98.4	80.0	120	----
Vanadium, total	7440-62-2	E420	0.0005	mg/L	0.5 mg/L	96.7	80.0	120	----
Zinc, total	7440-66-6	E420	0.003	mg/L	0.5 mg/L	102	80.0	120	----
Zirconium, total	7440-67-7	E420	0.0002	mg/L	0.1 mg/L	104	80.0	120	----
Total Metals (QCLot: 1987462)									
Mercury, total	7439-97-6	E508	0.000005	mg/L	0 mg/L	95.8	80.0	120	----
Dissolved Metals (QCLot: 1987402)									
Aluminum, dissolved	7429-90-5	E421	0.001	mg/L	2 mg/L	99.1	80.0	120	----
Antimony, dissolved	7440-36-0	E421	0.0001	mg/L	1 mg/L	97.5	80.0	120	----
Arsenic, dissolved	7440-38-2	E421	0.0001	mg/L	1 mg/L	100	80.0	120	----
Barium, dissolved	7440-39-3	E421	0.0001	mg/L	0.25 mg/L	107	80.0	120	----
Beryllium, dissolved	7440-41-7	E421	0.00002	mg/L	0.1 mg/L	92.1	80.0	120	----
Bismuth, dissolved	7440-69-9	E421	0.00005	mg/L	1 mg/L	94.7	80.0	120	----
Boron, dissolved	7440-42-8	E421	0.01	mg/L	1 mg/L	90.2	80.0	120	----
Cadmium, dissolved	7440-43-9	E421	0.000005	mg/L	0.1 mg/L	99.7	80.0	120	----
Calcium, dissolved	7440-70-2	E421	0.05	mg/L	50 mg/L	88.5	80.0	120	----
Cesium, dissolved	7440-46-2	E421	0.00001	mg/L	0.05 mg/L	97.9	80.0	120	----
Chromium, dissolved	7440-47-3	E421	0.0005	mg/L	0.25 mg/L	99.7	80.0	120	----
Cobalt, dissolved	7440-48-4	E421	0.0001	mg/L	0.25 mg/L	97.6	80.0	120	----
Copper, dissolved	7440-50-8	E421	0.0002	mg/L	0.25 mg/L	95.9	80.0	120	----
Iron, dissolved	7439-89-6	E421	0.01	mg/L	1 mg/L	95.2	80.0	120	----
Lead, dissolved	7439-92-1	E421	0.00005	mg/L	0.5 mg/L	95.8	80.0	120	----
Lithium, dissolved	7439-93-2	E421	0.001	mg/L	0.25 mg/L	91.4	80.0	120	----
Magnesium, dissolved	7439-95-4	E421	0.005	mg/L	50 mg/L	99.4	80.0	120	----
Manganese, dissolved	7439-96-5	E421	0.0001	mg/L	0.25 mg/L	100	80.0	120	----
Molybdenum, dissolved	7439-98-7	E421	0.00005	mg/L	0.25 mg/L	100	80.0	120	----
Nickel, dissolved	7440-02-0	E421	0.0005	mg/L	0.5 mg/L	99.2	80.0	120	----
Phosphorus, dissolved	7723-14-0	E421	0.05	mg/L	10 mg/L	115	80.0	120	----
Potassium, dissolved	7440-09-7	E421	0.05	mg/L	50 mg/L	98.2	80.0	120	----
Rubidium, dissolved	7440-17-7	E421	0.0002	mg/L	0.1 mg/L	97.0	80.0	120	----
Selenium, dissolved	7782-49-2	E421	0.00005	mg/L	1 mg/L	97.8	80.0	120	----



Sub-Matrix: Water					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		Qualifier
					Target Concentration	LCS	Low	High	
Analyte	CAS Number	Method	LOR	Unit	Target Concentration	LCS	Low	High	Qualifier
Dissolved Metals (QCLot: 1987402) - continued									
Silicon, dissolved	7440-21-3	E421	0.05	mg/L	10 mg/L	96.0	80.0	120	----
Silver, dissolved	7440-22-4	E421	0.00001	mg/L	0.1 mg/L	93.1	80.0	120	----
Sodium, dissolved	7440-23-5	E421	0.05	mg/L	50 mg/L	102	80.0	120	----
Strontium, dissolved	7440-24-6	E421	0.0002	mg/L	0.25 mg/L	100	80.0	120	----
Sulfur, dissolved	7704-34-9	E421	0.5	mg/L	50 mg/L	86.3	80.0	120	----
Tellurium, dissolved	13494-80-9	E421	0.0002	mg/L	0.1 mg/L	98.7	80.0	120	----
Thallium, dissolved	7440-28-0	E421	0.00001	mg/L	1 mg/L	99.4	80.0	120	----
Thorium, dissolved	7440-29-1	E421	0.0001	mg/L	0.1 mg/L	94.9	80.0	120	----
Tin, dissolved	7440-31-5	E421	0.0001	mg/L	0.5 mg/L	102	80.0	120	----
Titanium, dissolved	7440-32-6	E421	0.0003	mg/L	0.25 mg/L	97.0	80.0	120	----
Tungsten, dissolved	7440-33-7	E421	0.0001	mg/L	0.1 mg/L	96.3	80.0	120	----
Uranium, dissolved	7440-61-1	E421	0.00001	mg/L	0.005 mg/L	96.6	80.0	120	----
Vanadium, dissolved	7440-62-2	E421	0.0005	mg/L	0.5 mg/L	99.2	80.0	120	----
Zinc, dissolved	7440-66-6	E421	0.001	mg/L	0.5 mg/L	103	80.0	120	----
Zirconium, dissolved	7440-67-7	E421	0.0002	mg/L	0.1 mg/L	104	80.0	120	----
Mercury, dissolved	7439-97-6	E509	0.000005	mg/L	0 mg/L	97.9	80.0	120	----
Aggregate Organics (QCLot: 1991407)									
Phenols, total (4AAP)	----	E562	0.001	mg/L	0.02 mg/L	98.8	85.0	115	----
Volatile Organic Compounds (QCLot: 1987468)									
Benzene	71-43-2	E611C	0.5	µg/L	100 µg/L	110	70.0	130	----
Bromodichloromethane	75-27-4	E611C	0.5	µg/L	100 µg/L	106	70.0	130	----
Bromoform	75-25-2	E611C	0.5	µg/L	100 µg/L	98.5	70.0	130	----
Carbon tetrachloride	56-23-5	E611C	0.5	µg/L	100 µg/L	107	70.0	130	----
Chlorobenzene	108-90-7	E611C	0.5	µg/L	100 µg/L	113	70.0	130	----
Chloroethane	75-00-3	E611C	0.5	µg/L	100 µg/L	131	60.0	140	----
Chloroform	67-66-3	E611C	0.5	µg/L	100 µg/L	109	70.0	130	----
Chloromethane	74-87-3	E611C	5	µg/L	100 µg/L	135	60.0	140	----
Dibromochloromethane	124-48-1	E611C	0.5	µg/L	100 µg/L	106	70.0	130	----
Dichlorobenzene, 1,2-	95-50-1	E611C	0.5	µg/L	100 µg/L	114	70.0	130	----
Dichlorobenzene, 1,3-	541-73-1	E611C	0.5	µg/L	100 µg/L	117	70.0	130	----
Dichlorobenzene, 1,4-	106-46-7	E611C	0.5	µg/L	100 µg/L	118	70.0	130	----
Dichloroethane, 1,1-	75-34-3	E611C	0.5	µg/L	100 µg/L	111	70.0	130	----
Dichloroethane, 1,2-	107-06-2	E611C	0.5	µg/L	100 µg/L	108	70.0	130	----
Dichloroethylene, 1,1-	75-35-4	E611C	0.5	µg/L	100 µg/L	118	70.0	130	----



Sub-Matrix: Water					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		Qualifier
					Target Concentration	LCS	Low	High	
Analyte	CAS Number	Method	LOR	Unit	Target Concentration	LCS	Low	High	Qualifier
Volatile Organic Compounds (QCLot: 1987468) - continued									
Dichloroethylene, cis-1,2-	156-59-2	E611C	0.5	µg/L	100 µg/L	113	70.0	130	----
Dichloroethylene, trans-1,2-	156-60-5	E611C	0.5	µg/L	100 µg/L	111	70.0	130	----
Dichloromethane	75-09-2	E611C	1	µg/L	100 µg/L	108	70.0	130	----
Dichloropropane, 1,2-	78-87-5	E611C	0.5	µg/L	100 µg/L	111	70.0	130	----
Dichloropropylene, cis-1,3-	10061-01-5	E611C	0.5	µg/L	100 µg/L	112	70.0	130	----
Dichloropropylene, trans-1,3-	10061-02-6	E611C	0.5	µg/L	100 µg/L	102	70.0	130	----
Ethylbenzene	100-41-4	E611C	0.5	µg/L	100 µg/L	114	70.0	130	----
Methyl-tert-butyl ether [MTBE]	1634-04-4	E611C	0.5	µg/L	100 µg/L	117	70.0	130	----
Styrene	100-42-5	E611C	0.5	µg/L	100 µg/L	116	70.0	130	----
Tetrachloroethane, 1,1,1,2-	630-20-6	E611C	0.5	µg/L	100 µg/L	109	70.0	130	----
Tetrachloroethane, 1,1,2,2-	79-34-5	E611C	0.2	µg/L	100 µg/L	107	70.0	130	----
Tetrachloroethylene	127-18-4	E611C	0.5	µg/L	100 µg/L	113	70.0	130	----
Toluene	108-88-3	E611C	0.4	µg/L	100 µg/L	112	70.0	130	----
Trichloroethane, 1,1,1-	71-55-6	E611C	0.5	µg/L	100 µg/L	110	70.0	130	----
Trichloroethane, 1,1,2-	79-00-5	E611C	0.5	µg/L	100 µg/L	106	70.0	130	----
Trichloroethylene	79-01-6	E611C	0.5	µg/L	100 µg/L	107	70.0	130	----
Trichlorofluoromethane	75-69-4	E611C	0.5	µg/L	100 µg/L	120	60.0	140	----
Vinyl chloride	75-01-4	E611C	0.4	µg/L	100 µg/L	129	60.0	140	----
Xylene, m+p-	179601-23-1	E611C	0.4	µg/L	200 µg/L	116	70.0	130	----
Xylene, o-	95-47-6	E611C	0.3	µg/L	100 µg/L	112	70.0	130	----
Hydrocarbons (QCLot: 1987430)									
EPH (C10-C19)	----	E601A	250	µg/L	6490 µg/L	99.7	70.0	130	----
EPH (C19-C32)	----	E601A	250	µg/L	3360 µg/L	99.9	70.0	130	----
Hydrocarbons (QCLot: 1987467)									
VHw (C6-C10)	----	E581.VH+F1	100	µg/L	6310 µg/L	89.1	70.0	130	----
Polycyclic Aromatic Hydrocarbons (QCLot: 1987431)									
Acenaphthene	83-32-9	E641A	0.01	µg/L	0.5 µg/L	112	60.0	130	----
Acenaphthylene	208-96-8	E641A	0.01	µg/L	0.5 µg/L	112	60.0	130	----
Acridine	260-94-6	E641A	0.01	µg/L	0.5 µg/L	113	60.0	130	----
Anthracene	120-12-7	E641A	0.01	µg/L	0.5 µg/L	109	60.0	130	----
Benz(a)anthracene	56-55-3	E641A	0.01	µg/L	0.5 µg/L	103	60.0	130	----
Benzo(a)pyrene	50-32-8	E641A	0.005	µg/L	0.5 µg/L	101	60.0	130	----
Benzo(b+j)fluoranthene	n/a	E641A	0.01	µg/L	0.5 µg/L	105	60.0	130	----
Benzo(g,h,i)perylene	191-24-2	E641A	0.01	µg/L	0.5 µg/L	128	60.0	130	----



Sub-Matrix: Water					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		
					Target Concentration	LCS	Low	High	Qualifier
Analyte	CAS Number	Method	LOR	Unit	Target Concentration	LCS	Low	High	Qualifier
Polycyclic Aromatic Hydrocarbons (QCLot: 1987431) - continued									
Benzo(k)fluoranthene	207-08-9	E641A	0.01	µg/L	0.5 µg/L	108	60.0	130	----
Chrysene	218-01-9	E641A	0.01	µg/L	0.5 µg/L	105	60.0	130	----
Dibenz(a,h)anthracene	53-70-3	E641A	0.005	µg/L	0.5 µg/L	118	60.0	130	----
Fluoranthene	206-44-0	E641A	0.01	µg/L	0.5 µg/L	114	60.0	130	----
Fluorene	86-73-7	E641A	0.01	µg/L	0.5 µg/L	110	60.0	130	----
Indeno(1,2,3-c,d)pyrene	193-39-5	E641A	0.01	µg/L	0.5 µg/L	118	60.0	130	----
Methylnaphthalene, 1-	90-12-0	E641A	0.01	µg/L	0.5 µg/L	104	60.0	130	----
Methylnaphthalene, 2-	91-57-6	E641A	0.01	µg/L	0.5 µg/L	108	60.0	130	----
Naphthalene	91-20-3	E641A	0.05	µg/L	0.5 µg/L	109	50.0	130	----
Phenanthrene	85-01-8	E641A	0.02	µg/L	0.5 µg/L	112	60.0	130	----
Pyrene	129-00-0	E641A	0.01	µg/L	0.5 µg/L	113	60.0	130	----
Quinoline	91-22-5	E641A	0.05	µg/L	0.5 µg/L	117	60.0	130	----



Matrix Spike (MS) Report

A Matrix Spike (MS) is a randomly selected intra-laboratory replicate sample that has been fortified (spiked) with test analytes at known concentration, and processed in an identical manner to test samples. Matrix Spikes provide information regarding analyte recovery and potential matrix effects. MS DQO exceedances due to sample matrix may sometimes be unavoidable; in such cases, test results for the associated sample (or similar samples) may be subject to bias. ND – Recovery not determined, background level >= 1x spike level.

Sub-Matrix: Water					Matrix Spike (MS) Report					
					Spike		Recovery (%)	Recovery Limits (%)		
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	Concentration	Target	MS	Low	High	Qualifier
Anions and Nutrients (QCLot: 1987386)										
VA25B0664-001	WTP	Nitrogen, total	7727-37-9	E366	ND mg/L	----	ND	70.0	130	----
Anions and Nutrients (QCLot: 1987387)										
VA25B0664-001	WTP	Phosphorus, total	7723-14-0	E372-U	0.0490 mg/L	0.05 mg/L	98.1	70.0	130	----
Anions and Nutrients (QCLot: 1987388)										
VA25B0664-001	WTP	Ammonia, total (as N)	7664-41-7	E298	ND mg/L	----	ND	75.0	125	----
Anions and Nutrients (QCLot: 1987443)										
VA25B0664-001	WTP	Sulfate (as SO4)	14808-79-8	E235.SO4	99.9 mg/L	100 mg/L	99.9	75.0	125	----
Anions and Nutrients (QCLot: 1987444)										
VA25B0664-001	WTP	Nitrate (as N)	14797-55-8	E235.NO3-L	2.57 mg/L	2.5 mg/L	103	75.0	125	----
Anions and Nutrients (QCLot: 1987445)										
VA25B0664-001	WTP	Nitrite (as N)	14797-65-0	E235.NO2-L	0.491 mg/L	0.5 mg/L	98.2	75.0	125	----
Anions and Nutrients (QCLot: 1987446)										
VA25B0664-001	WTP	Fluoride	16984-48-8	E235.F	1.00 mg/L	1 mg/L	100	75.0	125	----
Anions and Nutrients (QCLot: 1987447)										
VA25B0664-001	WTP	Chloride	16887-00-6	E235.Cl	105 mg/L	100 mg/L	105	75.0	125	----
Anions and Nutrients (QCLot: 1987448)										
VA25B0664-001	WTP	Bromide	24959-67-9	E235.Br-L	0.504 mg/L	0.5 mg/L	101	75.0	125	----
Total Metals (QCLot: 1987462)										
VA25B0535-001	Anonymous	Mercury, total	7439-97-6	E508	0.0000871 mg/L	0 mg/L	87.1	70.0	130	----
Dissolved Metals (QCLot: 1987464)										
VA25B0535-002	Anonymous	Mercury, dissolved	7439-97-6	E509	0.0000921 mg/L	0 mg/L	92.1	70.0	130	----
Aggregate Organics (QCLot: 1991407)										
CG2505863-002	Anonymous	Phenols, total (4AAP)	----	E562	0.0202 mg/L	0.02 mg/L	101	75.0	125	----
Volatile Organic Compounds (QCLot: 1987468)										
VA25B0664-001	WTP	Benzene	71-43-2	E611C	108 µg/L	100 µg/L	108	60.0	140	----
		Bromodichloromethane	75-27-4	E611C	105 µg/L	100 µg/L	105	60.0	140	----
		Bromoform	75-25-2	E611C	96.7 µg/L	100 µg/L	96.7	60.0	140	----
		Carbon tetrachloride	56-23-5	E611C	105 µg/L	100 µg/L	105	60.0	140	----
		Chlorobenzene	108-90-7	E611C	110 µg/L	100 µg/L	110	60.0	140	----
		Chloroethane	75-00-3	E611C	125 µg/L	100 µg/L	125	50.0	150	----
		Chloroform	67-66-3	E611C	108 µg/L	100 µg/L	108	60.0	140	----
		Chloromethane	74-87-3	E611C	125 µg/L	100 µg/L	125	50.0	150	----



Sub-Matrix: Water					Matrix Spike (MS) Report					
					Spike		Recovery (%)	Recovery Limits (%)		
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	Concentration	Target	MS	Low	High	Qualifier
Volatile Organic Compounds (QCLot: 1987468) - continued										
VA25B0664-001	WTP	Dibromochloromethane	124-48-1	E611C	105 µg/L	100 µg/L	105	60.0	140	----
		Dichlorobenzene, 1,2-	95-50-1	E611C	111 µg/L	100 µg/L	111	60.0	140	----
		Dichlorobenzene, 1,3-	541-73-1	E611C	113 µg/L	100 µg/L	113	60.0	140	----
		Dichlorobenzene, 1,4-	106-46-7	E611C	114 µg/L	100 µg/L	114	60.0	140	----
		Dichloroethane, 1,1-	75-34-3	E611C	109 µg/L	100 µg/L	109	60.0	140	----
		Dichloroethane, 1,2-	107-06-2	E611C	108 µg/L	100 µg/L	108	60.0	140	----
		Dichloroethylene, 1,1-	75-35-4	E611C	113 µg/L	100 µg/L	113	60.0	140	----
		Dichloroethylene, cis-1,2-	156-59-2	E611C	111 µg/L	100 µg/L	111	60.0	140	----
		Dichloroethylene, trans-1,2-	156-60-5	E611C	113 µg/L	100 µg/L	113	60.0	140	----
		Dichloromethane	75-09-2	E611C	106 µg/L	100 µg/L	106	60.0	140	----
		Dichloropropane, 1,2-	78-87-5	E611C	109 µg/L	100 µg/L	109	60.0	140	----
		Dichloropropylene, cis-1,3-	10061-01-5	E611C	108 µg/L	100 µg/L	108	60.0	140	----
		Dichloropropylene, trans-1,3-	10061-02-6	E611C	97.7 µg/L	100 µg/L	97.7	60.0	140	----
		Ethylbenzene	100-41-4	E611C	111 µg/L	100 µg/L	111	60.0	140	----
		Methyl-tert-butyl ether [MTBE]	1634-04-4	E611C	114 µg/L	100 µg/L	114	60.0	140	----
		Styrene	100-42-5	E611C	113 µg/L	100 µg/L	113	60.0	140	----
		Tetrachloroethane, 1,1,1,2-	630-20-6	E611C	108 µg/L	100 µg/L	108	60.0	140	----
		Tetrachloroethane, 1,1,2,2-	79-34-5	E611C	105 µg/L	100 µg/L	105	60.0	140	----
		Tetrachloroethylene	127-18-4	E611C	109 µg/L	100 µg/L	109	60.0	140	----
		Toluene	108-88-3	E611C	109 µg/L	100 µg/L	109	60.0	140	----
		Trichloroethane, 1,1,1-	71-55-6	E611C	108 µg/L	100 µg/L	108	60.0	140	----
		Trichloroethane, 1,1,2-	79-00-5	E611C	105 µg/L	100 µg/L	105	60.0	140	----
		Trichloroethylene	79-01-6	E611C	104 µg/L	100 µg/L	104	60.0	140	----
		Trichlorofluoromethane	75-69-4	E611C	116 µg/L	100 µg/L	116	50.0	150	----
		Vinyl chloride	75-01-4	E611C	120 µg/L	100 µg/L	120	50.0	150	----
		Xylene, m+p-	179601-23-1	E611C	226 µg/L	200 µg/L	113	60.0	140	----
		Xylene, o-	95-47-6	E611C	109 µg/L	100 µg/L	109	60.0	140	----

Reference Material (RM) Report

A Reference Material (RM) is a homogenous material with known and well-established analyte concentrations. RMs are processed in an identical manner to test samples, and are used to monitor and control the accuracy and precision of a test method for a typical sample matrix. RM results are expressed as percent recovery of the target analyte concentration. RM targets may be certified target concentrations provided by the RM supplier, or may be ALS long-term mean values (for empirical test methods).

Sub-Matrix:					Reference Material (RM) Report				
					RM Target	Recovery (%)	Recovery Limits (%)		
Laboratory sample ID	Reference Material ID	Analyte	CAS Number	Method	Concentration	RM	Low	High	Qualifier
Physical Tests (QCLot: 1987807)									
QC-1987807-001	RM	Oxidation-reduction potential [ORP]	----	E125	220 mV	101	95.0	105	----



QUALITY CONTROL INTERPRETIVE REPORT

Work Order	: VA25B0664	Page	: 1 of 14
Client	: Frontier-Kemper Michels Joint Venture	Laboratory	: ALS Environmental - Vancouver
Contact	: Sara Derakhshi	Account Manager	: Kevin Bhikadia
Address	: 404-850 Harbourside Drive North Vancouver BC Canada V7P 0A3	Address	: 8081 Lougheed Highway Burnaby, British Columbia Canada V5A 1W9
Telephone	: ----	Telephone	: +1 604 253 4188
Project	: ----	Date Samples Received	: 08-May-2025 20:05
PO	: ----	Issue Date	: 12-May-2025 12:19
C-O-C number	: 23-1142237		
Sampler	: ----		
Site	: BCR		
Quote number	: WTP Discharge		
No. of samples received	: 1		
No. of samples analysed	: 1		

This report is automatically generated by the ALS LIMS (Laboratory Information Management System) through evaluation of Quality Control (QC) results and other QA parameters associated with this submission, and is intended to facilitate rapid data validation by auditors or reviewers. The report highlights any exceptions and outliers to ALS Data Quality Objectives, provides holding time details and exceptions, summarizes QC sample frequencies, and lists applicable methodology references and summaries.

Key

Anonymous: Refers to samples which are not part of this work order, but which formed part of the QC process lot.

CAS Number: Chemical Abstracts Service number is a unique identifier assigned to discrete substances.

DQO: Data Quality Objective.

LOR: Limit of Reporting (detection limit).

RPD: Relative Percent Difference.

Workorder Comments

Holding times are displayed as "----" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

Summary of Outliers

Outliers : Quality Control Samples

- No Method Blank value outliers occur.
- No Duplicate outliers occur.
- No Laboratory Control Sample (LCS) outliers occur
- No Matrix Spike outliers occur.
- No Test sample Surrogate recovery outliers exist.

Outliers: Reference Material (RM) Samples

- No Reference Material (RM) Sample outliers occur.

Outliers : Analysis Holding Time Compliance (Breaches)

- Analysis Holding Time Outliers exist - please see following pages for full details.

Outliers : Frequency of Quality Control Samples

- Quality Control Sample Frequency Outliers occur - please see following pages for full details.



Analysis Holding Time Compliance

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times, which are selected to meet known provincial and /or federal requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by organizations such as CCME, US EPA, APHA Standard Methods, ASTM, or Environment Canada (where available). Dates and holding times reported below represent the first dates of extraction or analysis. If subsequent tests or dilutions exceeded holding times, qualifiers are added (refer to COA).

If samples are identified below as having been analyzed or extracted outside of recommended holding times, measurement uncertainties may be increased, and this should be taken into consideration when interpreting results.

Where actual sampling date is not provided on the chain of custody, the date of receipt with time at 00:00 is used for calculation purposes.

Where only the sample date without time is provided on the chain of custody, the sampling date at 00:00 is used for calculation purposes.

Matrix: **Water**

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

Analyte Group : Analytical Method Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis			
			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
				Rec	Actual			Rec	Actual	
Aggregate Organics : Phenols (4AAP) in Water by Colorimetry										
Amber glass total (sulfuric acid) WTP	E562	08-May-2025	12-May-2025	28 days	4 days	✓	12-May-2025	28 days	4 days	✓
Anions and Nutrients : Ammonia by Fluorescence										
Amber glass total (sulfuric acid) WTP	E298	08-May-2025	08-May-2025	28 days	0 days	✓	09-May-2025	28 days	0 days	✓
Anions and Nutrients : Bromide in Water by IC (Low Level)										
HDPE WTP	E235.Br-L	08-May-2025	09-May-2025	28 days	0 days	✓	09-May-2025	28 days	0 days	✓
Anions and Nutrients : Chloride in Water by IC										
HDPE WTP	E235.Cl	08-May-2025	09-May-2025	28 days	0 days	✓	09-May-2025	28 days	0 days	✓
Anions and Nutrients : Fluoride in Water by IC										
HDPE WTP	E235.F	08-May-2025	09-May-2025	28 days	0 days	✓	09-May-2025	28 days	0 days	✓
Anions and Nutrients : Nitrate in Water by IC (Low Level)										
HDPE WTP	E235.NO3-L	08-May-2025	09-May-2025	3 days	0 days	✓	09-May-2025	3 days	0 days	✓
Anions and Nutrients : Nitrite in Water by IC (Low Level)										
HDPE WTP	E235.NO2-L	08-May-2025	09-May-2025	3 days	0 days	✓	09-May-2025	3 days	0 days	✓



Matrix: **Water** Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

Analyte Group : Analytical Method Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis			
			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
				Rec	Actual			Rec	Actual	
Anions and Nutrients : Sulfate in Water by IC										
HDPE WTP	E235.SO4	08-May-2025	09-May-2025	28 days	0 days	✓	09-May-2025	28 days	0 days	✓
Anions and Nutrients : Total Nitrogen by Colourimetry										
Amber glass total (sulfuric acid) WTP	E366	08-May-2025	08-May-2025	28 days	0 days	✓	09-May-2025	28 days	0 days	✓
Anions and Nutrients : Total Phosphorus by Colourimetry (0.002 mg/L)										
Amber glass total (sulfuric acid) WTP	E372-U	08-May-2025	08-May-2025	28 days	0 days	✓	09-May-2025	28 days	0 days	✓
Dissolved Metals : Dissolved Mercury in Water by CVAAS										
HDPE dissolved (nitric acid) WTP	E509	08-May-2025	08-May-2025	0 hrs	7 hrs	✗ UCP	08-May-2025	0 hrs	7 hrs	✗ UCP
Dissolved Metals : Dissolved Metals in Water by CRC ICPMS										
HDPE dissolved (nitric acid) WTP	E421	08-May-2025	08-May-2025	180 days	0 days	✓	09-May-2025	180 days	0 days	✓
Field Tests : Field pH,EC,Salinity, TDS, Cl2,CIO2,ORP,DO, Turbidity,T,T-P,o-PO4,NH3,Chloramine										
HDPE total (nitric acid) WTP	EF001	08-May-2025	----	----	----		09-May-2025	----	----	
Hydrocarbons : BC PHCs - EPH by GC-FID										
Amber glass/Teflon lined cap (sodium bisulfate) WTP	E601A	08-May-2025	09-May-2025	14 days	0 days	✓	09-May-2025	40 days	1 days	✓
Hydrocarbons : VH and F1 by Headspace GC-FID										
Glass vial (sodium bisulfate) WTP	E581.VH+F1	08-May-2025	09-May-2025	14 days	0 days	✓	09-May-2025	14 days	0 days	✓
Organic / Inorganic Carbon : Dissolved Organic Carbon by Combustion (Low Level)										
Amber glass - dissolved (unpreserved) WTP	E358-L	08-May-2025	08-May-2025	3 days	0 days	✓	08-May-2025	28 days	0 days	✓



Matrix: **Water** Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

Analyte Group : Analytical Method	Method	Sampling Date	Extraction / Preparation				Analysis			
Container / Client Sample ID(s)			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
				Rec	Actual			Rec	Actual	
Organic / Inorganic Carbon : Total Organic Carbon (Non-Purgeable) by Combustion (Low Level)										
Amber glass total (sulfuric acid) WTP	E355-L	08-May-2025	08-May-2025	28 days	0 days	✓	08-May-2025	28 days	0 days	✓
Physical Tests : Alkalinity Species by Titration										
HDPE WTP	E290	08-May-2025	09-May-2025	14 days	0 days	✓	09-May-2025	14 days	0 days	✓
Physical Tests : Conductivity in Water										
HDPE WTP	E100	08-May-2025	09-May-2025	28 days	0 days	✓	09-May-2025	28 days	0 days	✓
Physical Tests : ORP by Electrode										
HDPE WTP	E125	08-May-2025	----	----	----		09-May-2025	0.25 hrs	13 hrs	✖ EHTR-FM
Physical Tests : pH by Meter										
HDPE WTP	E108	08-May-2025	09-May-2025	0.25 hrs	8 hrs	✖ EHTR-FM	09-May-2025	0.25 hrs	8 hrs	✖ EHTR-FM
Physical Tests : TDS by Gravimetry										
HDPE WTP	E162	08-May-2025	----	----	----		09-May-2025	7 days	0 days	✓
Physical Tests : TSS by Gravimetry										
HDPE WTP	E160	08-May-2025	----	----	----		09-May-2025	7 days	0 days	✓
Physical Tests : Turbidity by Nephelometry										
HDPE WTP	E121	08-May-2025	----	----	----		08-May-2025	3 days	0 days	✓
Polycyclic Aromatic Hydrocarbons : PAHs in Water by Hexane LVI GC-MS										
Amber glass/Teflon lined cap (sodium bisulfate) WTP	E641A	08-May-2025	09-May-2025	14 days	0 days	✓	09-May-2025	40 days	0 days	✓



Matrix: **Water** Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

Analyte Group : Analytical Method	Method	Sampling Date	Extraction / Preparation				Analysis			
			Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
				Rec	Actual			Rec	Actual	
Total Metals : Total Mercury in Water by CVAAS										
HDPE total (nitric acid) WTP	E508	08-May-2025	08-May-2025	0 hrs	7 hrs	✖ UCP	08-May-2025	0 hrs	7 hrs	✖ UCP
Total Metals : Total Metals in Water by CRC ICPMS										
HDPE total (nitric acid) WTP	E420	08-May-2025	09-May-2025	180 days	0 days	✔	09-May-2025	180 days	0 days	✔
Volatile Organic Compounds : VOCs (BC List) by Headspace GC-MS										
Glass vial (sodium bisulfate) WTP	E611C	08-May-2025	09-May-2025	14 days	0 days	✔	09-May-2025	14 days	0 days	✔

Legend & Qualifier Definitions

EHTR-FM: Exceeded ALS recommended hold time prior to sample receipt. Field Measurement recommended

Rec. HT: ALS recommended hold time (see units).

UCP: Unsuitable Container and/or Preservative used (invalidates standard hold time). Maximum hold time of zero applied. Test results may be biased low / unreliable, and may not meet regulatory requirements.



Quality Control Parameter Frequency Compliance

The following report summarizes the frequency of laboratory QC samples analyzed within the analytical batches (QC lots) in which the submitted samples were processed. The actual frequency should be greater than or equal to the expected frequency.

Matrix: **Water**

Evaluation: ✖ = QC frequency outside specification; ✔ = QC frequency within specification.

Quality Control Sample Type			Count		Frequency (%)		
Analytical Methods	Method	QC Lot #	QC	Regular	Actual	Expected	Evaluation
Laboratory Duplicates (DUP)							
Conductivity in Water	E100	1987440	1	2	50.0	5.0	✓
pH by Meter	E108	1987441	1	3	33.3	5.0	✓
Turbidity by Nephelometry	E121	1987404	1	19	5.2	5.0	✓
ORP by Electrode	E125	1987807	1	18	5.5	5.0	✓
TSS by Gravimetry	E160	1987498	1	2	50.0	5.0	✓
TDS by Gravimetry	E162	1987497	1	1	100.0	5.0	✓
Bromide in Water by IC (Low Level)	E235.Br-L	1987448	1	2	50.0	5.0	✓
Chloride in Water by IC	E235.Cl	1987447	1	3	33.3	5.0	✓
Fluoride in Water by IC	E235.F	1987446	1	2	50.0	5.0	✓
Nitrite in Water by IC (Low Level)	E235.NO2-L	1987445	1	2	50.0	5.0	✓
Nitrate in Water by IC (Low Level)	E235.NO3-L	1987444	1	2	50.0	5.0	✓
Sulfate in Water by IC	E235.SO4	1987443	1	3	33.3	5.0	✓
Alkalinity Species by Titration	E290	1987442	0	2	0.0	5.0	✗
Ammonia by Fluorescence	E298	1987388	1	2	50.0	5.0	✓
Total Organic Carbon (Non-Purgeable) by Combustion (Low Level)	E355-L	1987385	1	1	100.0	5.0	✓
Dissolved Organic Carbon by Combustion (Low Level)	E358-L	1987384	1	1	100.0	5.0	✓
Total Nitrogen by Colourimetry	E366	1987386	1	2	50.0	5.0	✓
Total Phosphorus by Colourimetry (0.002 mg/L)	E372-U	1987387	1	2	50.0	5.0	✓
Total Metals in Water by CRC ICPMS	E420	1987403	1	1	100.0	5.0	✓
Dissolved Metals in Water by CRC ICPMS	E421	1987402	1	1	100.0	5.0	✓
Total Mercury in Water by CVAAS	E508	1987462	1	13	7.6	5.0	✓
Dissolved Mercury in Water by CVAAS	E509	1987464	1	7	14.2	5.0	✓
Phenols (4AAP) in Water by Colorimetry	E562	1991407	1	20	5.0	5.0	✓
VH and F1 by Headspace GC-FID	E581.VH+F1	1987467	1	1	100.0	5.0	✓
VOCs (BC List) by Headspace GC-MS	E611C	1987468	1	1	100.0	5.0	✓
Laboratory Control Samples (LCS)							
Conductivity in Water	E100	1987440	1	2	50.0	5.0	✓
pH by Meter	E108	1987441	1	3	33.3	5.0	✓
Turbidity by Nephelometry	E121	1987404	1	19	5.2	5.0	✓
ORP by Electrode	E125	1987807	1	18	5.5	5.0	✓
TSS by Gravimetry	E160	1987498	1	2	50.0	5.0	✓
TDS by Gravimetry	E162	1987497	1	1	100.0	5.0	✓
Bromide in Water by IC (Low Level)	E235.Br-L	1987448	1	2	50.0	5.0	✓
Chloride in Water by IC	E235.Cl	1987447	1	3	33.3	5.0	✓
Fluoride in Water by IC	E235.F	1987446	1	2	50.0	5.0	✓
Nitrite in Water by IC (Low Level)	E235.NO2-L	1987445	1	2	50.0	5.0	✓



Matrix: **Water**

Evaluation: ✖ = QC frequency outside specification; ✔ = QC frequency within specification.

Quality Control Sample Type			Count		Frequency (%)		
Analytical Methods	Method	QC Lot #	QC	Regular	Actual	Expected	Evaluation
Laboratory Control Samples (LCS) - Continued							
Nitrate in Water by IC (Low Level)	E235.NO3-L	1987444	1	2	50.0	5.0	✔
Sulfate in Water by IC	E235.SO4	1987443	1	3	33.3	5.0	✔
Alkalinity Species by Titration	E290	1987442	1	2	50.0	5.0	✔
Ammonia by Fluorescence	E298	1987388	1	2	50.0	5.0	✔
Total Organic Carbon (Non-Purgeable) by Combustion (Low Level)	E355-L	1987385	1	1	100.0	5.0	✔
Dissolved Organic Carbon by Combustion (Low Level)	E358-L	1987384	1	1	100.0	5.0	✔
Total Nitrogen by Colourimetry	E366	1987386	1	2	50.0	5.0	✔
Total Phosphorus by Colourimetry (0.002 mg/L)	E372-U	1987387	1	2	50.0	5.0	✔
Total Metals in Water by CRC ICPMS	E420	1987403	1	1	100.0	5.0	✔
Dissolved Metals in Water by CRC ICPMS	E421	1987402	1	1	100.0	5.0	✔
Total Mercury in Water by CVAAS	E508	1987462	1	13	7.6	5.0	✔
Dissolved Mercury in Water by CVAAS	E509	1987464	1	7	14.2	5.0	✔
Phenols (4AAP) in Water by Colorimetry	E562	1991407	1	20	5.0	5.0	✔
VH and F1 by Headspace GC-FID	E581.VH+F1	1987467	1	1	100.0	5.0	✔
BC PHCs - EPH by GC-FID	E601A	1987430	1	14	7.1	5.0	✔
VOCs (BC List) by Headspace GC-MS	E611C	1987468	1	1	100.0	5.0	✔
PAHs in Water by Hexane LVI GC-MS	E641A	1987431	1	15	6.6	5.0	✔
Method Blanks (MB)							
Conductivity in Water	E100	1987440	1	2	50.0	5.0	✔
Turbidity by Nephelometry	E121	1987404	1	19	5.2	5.0	✔
TSS by Gravimetry	E160	1987498	1	2	50.0	5.0	✔
TDS by Gravimetry	E162	1987497	1	1	100.0	5.0	✔
Bromide in Water by IC (Low Level)	E235.Br-L	1987448	1	2	50.0	5.0	✔
Chloride in Water by IC	E235.Cl	1987447	1	3	33.3	5.0	✔
Fluoride in Water by IC	E235.F	1987446	1	2	50.0	5.0	✔
Nitrite in Water by IC (Low Level)	E235.NO2-L	1987445	1	2	50.0	5.0	✔
Nitrate in Water by IC (Low Level)	E235.NO3-L	1987444	1	2	50.0	5.0	✔
Sulfate in Water by IC	E235.SO4	1987443	1	3	33.3	5.0	✔
Alkalinity Species by Titration	E290	1987442	1	2	50.0	5.0	✔
Ammonia by Fluorescence	E298	1987388	1	2	50.0	5.0	✔
Total Organic Carbon (Non-Purgeable) by Combustion (Low Level)	E355-L	1987385	1	1	100.0	5.0	✔
Dissolved Organic Carbon by Combustion (Low Level)	E358-L	1987384	1	1	100.0	5.0	✔
Total Nitrogen by Colourimetry	E366	1987386	1	2	50.0	5.0	✔
Total Phosphorus by Colourimetry (0.002 mg/L)	E372-U	1987387	1	2	50.0	5.0	✔
Total Metals in Water by CRC ICPMS	E420	1987403	1	1	100.0	5.0	✔
Dissolved Metals in Water by CRC ICPMS	E421	1987402	1	1	100.0	5.0	✔
Total Mercury in Water by CVAAS	E508	1987462	1	13	7.6	5.0	✔
Dissolved Mercury in Water by CVAAS	E509	1987464	1	7	14.2	5.0	✔
Phenols (4AAP) in Water by Colorimetry	E562	1991407	1	20	5.0	5.0	✔



Matrix: **Water**

Evaluation: ✖ = QC frequency outside specification; ✔ = QC frequency within specification.

Quality Control Sample Type			Count		Frequency (%)		
Analytical Methods	Method	QC Lot #	QC	Regular	Actual	Expected	Evaluation
Method Blanks (MB) - Continued							
VH and F1 by Headspace GC-FID	E581.VH+F1	1987467	1	1	100.0	5.0	✔
BC PHCs - EPH by GC-FID	E601A	1987430	1	14	7.1	5.0	✔
VOCs (BC List) by Headspace GC-MS	E611C	1987468	1	1	100.0	5.0	✔
PAHs in Water by Hexane LVI GC-MS	E641A	1987431	1	15	6.6	5.0	✔
Matrix Spikes (MS)							
Bromide in Water by IC (Low Level)	E235.Br-L	1987448	1	2	50.0	5.0	✔
Chloride in Water by IC	E235.Cl	1987447	1	3	33.3	5.0	✔
Fluoride in Water by IC	E235.F	1987446	1	2	50.0	5.0	✔
Nitrite in Water by IC (Low Level)	E235.NO2-L	1987445	1	2	50.0	5.0	✔
Nitrate in Water by IC (Low Level)	E235.NO3-L	1987444	1	2	50.0	5.0	✔
Sulfate in Water by IC	E235.SO4	1987443	1	3	33.3	5.0	✔
Ammonia by Fluorescence	E298	1987388	1	2	50.0	5.0	✔
Total Organic Carbon (Non-Purgeable) by Combustion (Low Level)	E355-L	1987385	0	1	0.0	5.0	✖
Dissolved Organic Carbon by Combustion (Low Level)	E358-L	1987384	0	1	0.0	5.0	✖
Total Nitrogen by Colourimetry	E366	1987386	1	2	50.0	5.0	✔
Total Phosphorus by Colourimetry (0.002 mg/L)	E372-U	1987387	1	2	50.0	5.0	✔
Total Metals in Water by CRC ICPMS	E420	1987403	0	1	0.0	5.0	✖
Dissolved Metals in Water by CRC ICPMS	E421	1987402	0	1	0.0	5.0	✖
Total Mercury in Water by CVAAS	E508	1987462	1	13	7.6	5.0	✔
Dissolved Mercury in Water by CVAAS	E509	1987464	1	7	14.2	5.0	✔
Phenols (4AAP) in Water by Colorimetry	E562	1991407	1	20	5.0	5.0	✔
VH and F1 by Headspace GC-FID	E581.VH+F1	1987467	0	1	0.0	5.0	✖
VOCs (BC List) by Headspace GC-MS	E611C	1987468	1	1	100.0	5.0	✔



Methodology References and Summaries

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Reference methods may incorporate modifications to improve performance (indicated by "mod").

Analytical Methods	Method / Lab	Matrix	Method Reference	Method Descriptions
Conductivity in Water	E100 ALS Environmental - Vancouver	Water	APHA 2510 (mod)	Conductivity, also known as Electrical Conductivity (EC) or Specific Conductance, is measured by immersion of a conductivity cell with platinum electrodes into a water sample. Conductivity measurements are temperature-compensated to 25°C.
pH by Meter	E108 ALS Environmental - Vancouver	Water	APHA 4500-H (mod)	pH is determined by potentiometric measurement with a pH electrode, and is conducted at ambient laboratory temperature (normally $20 \pm 5^\circ\text{C}$). For high accuracy test results, pH should be measured in the field within the recommended 15 minute hold time.
Turbidity by Nephelometry	E121 ALS Environmental - Vancouver	Water	APHA 2130 B (mod)	Turbidity is measured by the nephelometric method, by measuring the intensity of light scatter under defined conditions.
ORP by Electrode	E125 ALS Environmental - Vancouver	Water	ASTM D1498 (mod)	Oxidation reduction potential is reported as the oxidation-reduction potential of the platinum metal-reference electrode employed, measured in mV. For high accuracy test results, it is recommended that this analysis be conducted in the field.
TSS by Gravimetry	E160 ALS Environmental - Vancouver	Water	APHA 2540 D (mod)	Total Suspended Solids (TSS) are determined by filtering a sample through a glass fibre filter, following by drying of the filter at $104 \pm 1^\circ\text{C}$, with gravimetric measurement of the filtered solids. Samples containing very high dissolved solid content (i.e. seawaters, brackish waters) may produce a positive bias by this method. Alternate analysis methods are available for these types of samples.
TDS by Gravimetry	E162 ALS Environmental - Vancouver	Water	APHA 2540 C (mod)	Total Dissolved Solids (TDS) are determined by filtering a sample through a glass fibre filter, with evaporation of the filtrate at $180 \pm 2^\circ\text{C}$ for 16 hours or to constant weight, with gravimetric measurement of the residue.
Bromide in Water by IC (Low Level)	E235.Br-L ALS Environmental - Vancouver	Water	EPA 300.1 (mod)	Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection.
Chloride in Water by IC	E235.Cl ALS Environmental - Vancouver	Water	EPA 300.1 (mod)	Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection.
Fluoride in Water by IC	E235.F ALS Environmental - Vancouver	Water	EPA 300.1 (mod)	Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection.



Analytical Methods	Method / Lab	Matrix	Method Reference	Method Descriptions
Nitrite in Water by IC (Low Level)	E235.NO2-L ALS Environmental - Vancouver	Water	EPA 300.1 (mod)	Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection.
Nitrate in Water by IC (Low Level)	E235.NO3-L ALS Environmental - Vancouver	Water	EPA 300.1 (mod)	Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection.
Sulfate in Water by IC	E235.SO4 ALS Environmental - Vancouver	Water	EPA 300.1 (mod)	Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection.
Alkalinity Species by Titration	E290 ALS Environmental - Vancouver	Water	APHA 2320 B (mod)	Total alkalinity is determined by potentiometric titration to a pH 4.5 endpoint. Bicarbonate, carbonate and hydroxide alkalinity are calculated from phenolphthalein alkalinity and total alkalinity values.
Ammonia by Fluorescence	E298 ALS Environmental - Vancouver	Water	Method Fialab 100, 2018	Ammonia in water is determined by automated continuous flow analysis with membrane diffusion and fluorescence detection, after reaction with OPA (ortho-phthalaldehyde). This method is approved under US EPA 40 CFR Part 136 (May 2021)
Total Organic Carbon (Non-Purgeable) by Combustion (Low Level)	E355-L ALS Environmental - Vancouver	Water	APHA 5310 B (mod)	Total Organic Carbon (Non-Purgeable), also known as NPOC (total), is a direct measurement of TOC after an acidified sample has been purged to remove carbonate-based Inorganic Carbon (IC). Analysis is by high temperature combustion with infrared detection of CO ₂ . Forms of carbon associated with inorganic or organic molecules (e.g. SCN and CN) are included in NPOC if they are not removed by purging under acidic conditions. Notably, NPOC excludes most volatile organic compounds and free cyanide. For samples where the majority of Total Carbon is inorganic, this method provides greater accuracy and reliability versus the TOC by subtraction method (TC minus TIC).
Dissolved Organic Carbon by Combustion (Low Level)	E358-L ALS Environmental - Vancouver	Water	APHA 5310 B (mod)	Dissolved Organic Carbon (Non-Purgeable), also known as NPOC (dissolved), is a direct measurement of DOC after a filtered (0.45 micron) sample has been acidified and purged to remove inorganic carbon (IC). Analysis is by high temperature combustion with infrared detection of CO ₂ . NPOC does not include volatile organic species that are purged off with IC. For samples where the majority of DC (dissolved carbon) is comprised of IC (which is common), this method is more accurate and more reliable than the DOC by subtraction method (i.e. DC minus DIC).
Total Nitrogen by Colourimetry	E366 ALS Environmental - Vancouver	Water	Chinchilla Scientific Nitrate Method, 2011	Following digestion, total nitrogen is is determined colourimetrically using a discrete analyzer utilizing the vanadium chloride reduction method. This method of analysis is approved under US EPA 40 CFR Part 136 (May 2021).
Total Phosphorus by Colourimetry (0.002 mg/L)	E372-U ALS Environmental - Vancouver	Water	APHA 4500-P E (mod).	Total Phosphorus is determined colourimetrically using a discrete analyzer after heated persulfate digestion of the sample.



Analytical Methods	Method / Lab	Matrix	Method Reference	Method Descriptions
Total Metals in Water by CRC ICPMS	E420 ALS Environmental - Vancouver	Water	EPA 200.2/6020B (mod)	Water samples are digested with nitric and hydrochloric acids, and analyzed by Collision/Reaction Cell ICPMS. Method Limitation (re: Sulfur): Sulfide and volatile sulfur species may not be recovered by this method.
Dissolved Metals in Water by CRC ICPMS	E421 ALS Environmental - Vancouver	Water	APHA 3030B/EPA 6020B (mod)	Water samples are filtered (0.45 um), preserved with nitric acid, and analyzed by Collision/Reaction Cell ICPMS. Method Limitation (re: Sulfur): Sulfide and volatile sulfur species may not be recovered by this method.
Total Mercury in Water by CVAAS	E508 ALS Environmental - Vancouver	Water	EPA 1631E (mod)	Water samples undergo a cold-oxidation using bromine monochloride prior to reduction with stannous chloride, and analyzed by CVAAS
Dissolved Mercury in Water by CVAAS	E509 ALS Environmental - Vancouver	Water	APHA 3030B/EPA 1631E (mod)	Water samples are filtered (0.45 um), preserved with HCl, then undergo a cold-oxidation using bromine monochloride prior to reduction with stannous chloride, and analyzed by CVAAS.
Phenols (4AAP) in Water by Colorimetry	E562 ALS Environmental - Edmonton	Water	EPA 9066	This automated method is based on the distillation of phenol and subsequent reaction of the distillate with alkaline ferricyanide (K ₃ Fe(CN) ₆) and 4-amino-antipyrine (4-AAP) to form a red complex which is measured colorimetrically.
VH and F1 by Headspace GC-FID	E581.VH+F1 ALS Environmental - Vancouver	Water	BC MOE Lab Manual / CCME PHC in Soil - Tier 1 (mod)	Volatile Hydrocarbons (VH and F1) is analyzed by static headspace GC-FID. Samples are prepared in headspace vials and are heated and agitated on the headspace autosampler, causing VOCs to partition between the aqueous phase and the headspace in accordance with Henry's law. Analytical methods for CCME Petroleum Hydrocarbons (PHCs) are validated to comply fully with the Reference Method for the Canada-Wide Standard for PHC. Unless qualified, all required quality control criteria of the CCME PHC method have been met, including response factor and linearity requirements.
BC PHCs - EPH by GC-FID	E601A ALS Environmental - Vancouver	Water	BC MOE Lab Manual	Sample extracts are analyzed by GC-FID for BC hydrocarbon fractions.
VOCs (BC List) by Headspace GC-MS	E611C ALS Environmental - Vancouver	Water	EPA 8260D (mod)	Volatile Organic Compounds (VOCs) are analyzed by static headspace GC-MS. Samples are prepared in headspace vials and are heated and agitated on the headspace autosampler, causing VOCs to partition between the aqueous phase and the headspace in accordance with Henry's law. Total Xylenes is the sum of m,p-Xylene & o-Xylene. Total BTEX is the sum of Benzene, Toluene, Ethylbenzene, & Total Xylenes. Total BTEX+Styrene is the sum of Total BTEX & Styrene. Total Trihalomethanes [THMs] is the sum of Bromodichloromethane, Bromoform, Chloroform, & Dibromochloromethane.



Analytical Methods	Method / Lab	Matrix	Method Reference	Method Descriptions
PAHs in Water by Hexane LVI GC-MS	E641A ALS Environmental - Vancouver	Water	EPA 8270E (mod)	Polycyclic Aromatic Hydrocarbons (PAHs) are analyzed by large volume injection (LVI) GC-MS.
Dissolved Hardness (Calculated)	EC100 ALS Environmental - Vancouver	Water	APHA 2340B	"Hardness (as CaCO ₃), dissolved" is calculated from the sum of dissolved Calcium and Magnesium concentrations, expressed in CaCO ₃ equivalents. "Total Hardness" refers to the sum of Calcium and Magnesium Hardness. Hardness is normally or preferentially calculated from dissolved Calcium and Magnesium concentrations, because it is a property of water due to dissolved divalent cations.
Hardness (Calculated) from Total Ca/Mg	EC100A ALS Environmental - Vancouver	Water	APHA 2340B	"Hardness (as CaCO ₃), from total Ca/Mg" is calculated from the sum of total Calcium and Magnesium concentrations, expressed as CaCO ₃ equivalents. "Total Hardness" refers to the sum of Calcium and Magnesium Hardness. Hardness is normally or preferentially calculated from dissolved Calcium and Magnesium concentrations, because hardness is a property of water due to dissolved divalent cations. In non-turbid waters, Hardness from total Ca/Mg is normally comparable to Dissolved Hardness, but may be biased high if particulate forms of Ca or Mg are present.
Un-ionized and Ionized Ammonia (Calculation) (Field Temperature and pH)	EC298A ALS Environmental - Vancouver	Water	CCME CWQG Ammonia	Un-ionized ammonia is calculated from test results for total ammonia, field temperature and pH, and is expressed in units of mg/L "as N".
VPH: VH-BTEX-Styrene	EC580A ALS Environmental - Vancouver	Water	BC MOE Lab Manual (VPH in Water and Solids) (mod)	Volatile Petroleum Hydrocarbons (VPH) is calculated as follows: VPHw = Volatile Hydrocarbons (VH C6-C10) minus benzene, toluene, ethylbenzene, xylenes (BTEX) and styrene.
LEPH and HEPH: EPH-PAH	EC600A ALS Environmental - Vancouver	Water	BC MOE Lab Manual (LEPH and HEPH)	Light Extractable Petroleum Hydrocarbons (LEPH) and Heavy Extractable Petroleum Hydrocarbons (HEPH) are calculated as follows: LEPH = Extractable Petroleum Hydrocarbons (EPH10-19) minus Acenaphthene, Acridine, Anthracene, Fluorene, Naphthalene and Phenanthrene; HEPH = Extractable Petroleum Hydrocarbons (EPH19-32) minus Benz(a)anthracene, Benzo(a)pyrene, Fluoranthene, and Pyrene.
Field pH,EC,Salinity, TDS, Cl ₂ ,ClO ₂ ,ORP,DO, Turbidity,T,T-P,o-PO ₄ ,NH ₃ ,Chloramine	EF001 ALS Environmental - Vancouver	Water	Field Measurement (Client Supplied)	Field pH,EC,Salinity, TDS, Cl ₂ ,ClO ₂ ,ORP,DO, Turbidity,T,T-P,o-PO ₄ ,NH ₃ or Chloramine measurements provided by client and recorded on ALS report may affect the validity of results.

Preparation Methods	Method / Lab	Matrix	Method Reference	Method Descriptions
Preparation for Ammonia	EP298 ALS Environmental - Vancouver	Water		Sample preparation for Preserved Nutrients Water Quality Analysis.
Preparation for Total Organic Carbon by Combustion	EP355 ALS Environmental - Vancouver	Water		Preparation for Total Organic Carbon by Combustion



Preparation Methods	Method / Lab	Matrix	Method Reference	Method Descriptions
Preparation for Dissolved Organic Carbon for Combustion	EP358 ALS Environmental - Vancouver	Water	APHA 5310 B (mod)	Preparation for Dissolved Organic Carbon
Digestion for Total Nitrogen in water	EP366 ALS Environmental - Vancouver	Water	APHA 4500-P J (mod)	Samples for total nitrogen analysis are digested using a heated persulfate digestion. Nitrogen compounds are converted to nitrate in this digestion.
Digestion for Total Phosphorus in water	EP372 ALS Environmental - Vancouver	Water	APHA 4500-P E (mod).	Samples are heated with a persulfate digestion reagent.
Dissolved Metals Water Filtration	EP421 ALS Environmental - Vancouver	Water	APHA 3030B	Water samples are filtered (0.45 um), and preserved with HNO ₃ .
Dissolved Mercury Water Filtration	EP509 ALS Environmental - Vancouver	Water	APHA 3030B	Water samples are filtered (0.45 um), and preserved with HCl.
VOCs Preparation for Headspace Analysis	EP581 ALS Environmental - Vancouver	Water	EPA 5021A (mod)	Samples are prepared in headspace vials and are heated and agitated on the headspace autosampler. An aliquot of the headspace is then injected into a GC-MS-FID.
PHCs and PAHs Hexane Extraction	EP601 ALS Environmental - Vancouver	Water	EPA 3511 (mod)	Petroleum Hydrocarbons (PHCs) and Polycyclic Aromatic Hydrocarbons (PAHs) are extracted using a hexane liquid-liquid extraction.

 Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	May 12 th to May 18 th , 2025
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Appendix B: BCR Site Receiving Environment Documentation

 Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	May 12 th to May 18 th , 2025
	Report #	60
	Appendix B	B-2

BCR Site Receiving Environment Sample Analysis



		BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	SQU US 2025-05-13 14:00	SQU DS 2025-05-13 14:30
Analyte	Unit								
In situ Parameters									
Field pH	pH Units	6.5 - 9			7 - 8.7			9.02	7.93
Field Temperature	°C	18	19					10.5	9.9
General Parameters									
pH	pH Units							6.59	6.52
Alkalinity (Total as CaCO ₃)	mg/L							12	12
Alkalinity (PP as CaCO ₃)	mg/L							<1	<1
Hardness (CaCO ₃)-Total	mg/L							13.3	13.3
Hardness (CaCO ₃)-Dissolved	mg/L							14.1	13.5
Sulphide-Total	mg/L							<0.0018	<0.0018
Sulphide (as H ₂ S)	mg/L			0.002				<0.002	<0.002
Un-ionized Hydrogen Sulfide as H ₂ S-Total	mg/L							<0.005	<0.005
Un-ionized Hydrogen Sulfide as S-Total	mg/L							<0.005	<0.005
Anions and Nutrients									
Ammonia (N)-Total	mg/L	0.132	0.684		0.23	1.5		0.078	0.042
Bicarbonate (HCO ₃)	mg/L							14	14
Carbonate (CO ₃)	mg/L							<1	<1
Hydroxide (OH)	mg/L							<1	<1
Nitrate (N)	mg/L	3	32.8		3.7			0.027	0.033
Nitrite (N)	mg/L	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	mg/L							0.027	0.033
Nitrogen (N)-Total	mg/L							0.181	0.147
Phosphorus (P)-Total (4500-P)	mg/L							0.063	0.034
Bromide (Br)	mg/L							<0.01	<0.01
Chloride (Cl)	mg/L	150	600					<1	<1
Fluoride (F)	mg/L		0.529			1.5		<0.05	<0.05
Sulphate (SO ₄)-Dissolved	mg/L	128						3.3	3.1

Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO₃) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO₃), and Chloride).

Bold text denotes value exceeding guidelines. Note: Not all exceedances are project related.

Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.



		BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	SQU US 2025-05-13 14:00	SQU DS 2025-05-13 14:30
Analyte	Unit								
Total Metals									
Aluminum (Al)-Total	mg/L	0.155751						0.13	0.137
Antimony (Sb)-Total	mg/L	0.074	0.25					<0.00002	<0.00002
Arsenic (As)-Total	mg/L	0.005			0.0125			0.000107	0.000119
Barium (Ba)-Total	mg/L			1				0.0077	0.00746
Beryllium (Be)-Total	mg/L			0.00013			0.1	<0.00001	<0.00001
Bismuth (Bi)-Total	mg/L							<0.00001	<0.00001
Boron (B)-Total	mg/L	1.2			1.2			<0.01	<0.01
Cadmium (Cd)-Total	mg/L						0.00012	0.0000081	0.0000069
Calcium (Ca)-Total	mg/L							4.46	4.5
Cesium (Cs)-Total	mg/L							<0.00005	<0.00005
Chromium (Cr)-Total	mg/L							<0.0001	<0.0001
Chromium (Cr III)-Total	mg/L			0.0089			0.056	<0.00099	<0.00099
Chromium (Cr VI)-Total	mg/L			0.0025			0.0015	<0.00099	<0.00099
Cobalt (Co)-Total	mg/L	0.000389						0.000073	0.000075
Copper (Cu)-Total	mg/L				0.002	0.003		0.0008	0.00077
Iron (Fe)-Total	mg/L		1					0.158	0.164
Lead (Pb)-Total	mg/L				0.002	0.14		0.000046	0.000032
Lithium (Li)-Total	mg/L							0.00063	0.00065
Magnesium (Mg)-Total	mg/L							0.51	0.5
Manganese (Mn)-Total	mg/L	0.664	0.689				0.1	0.0069	0.00624
Mercury (Hg)-Total	mg/L	0.00002			0.00002			<0.0000019	<0.0000019
Molybdenum (Mo)-Total	mg/L	7.6	46					0.000435	0.000437
Nickel (Ni)-Total	mg/L						0.0083	0.00013	0.00016
Phosphorus (P)-Total (ICPMS)	mg/L							0.0474	0.0303
Potassium (K)-Total	mg/L							0.47	0.47
Rubidium (Rb)-Total	mg/L							0.000787	0.000799
Selenium (Se)-Total	mg/L	0.002			0.002			<0.00004	<0.00004
Silicon (Si)-Total	mg/L							3.28	3.26
Silver (Ag)-Total	mg/L	0.00012				0.0037	0.0005	<0.00001	<0.00001
Sodium (Na)-Total	mg/L							1.5	1.45
Strontium (Sr)-Total	mg/L							0.0279	0.0281
Sulphur (S)-Total	mg/L							<3	<3
Tellurium (Te)-Total	mg/L							<0.00002	<0.00002
Thallium (Tl)-Total	mg/L			0.00003				0.0000029	0.0000033
Thorium (Th)-Total	mg/L							<0.00005	<0.00005
Tin (Sn)-Total	mg/L							<0.0002	<0.0002
Titanium (Ti)-Total	mg/L							0.0062	0.0061
Uranium (U)-Total	mg/L		0.0165	0.0075				0.0000304	0.0000375
Vanadium (V)-Total	mg/L			0.06			0.005	0.00101	0.00095
Zinc (Zn)-Total	mg/L				0.01	0.055		0.004	0.0012
Zirconium (Zr)-Total	mg/L							<0.0001	<0.0001

Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO₃) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO₃), and Chloride).

Bold text denotes value exceeding guidelines. Note: Not all exceedances are project related.

Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.



		BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	SQU US 2025-05-13 14:00	SQU DS 2025-05-13 14:30
Analyte	Unit								
Dissolved Metals									
Aluminum (Al)-Dissolved	mg/L							0.0328	0.0311
Antimony (Sb)-Dissolved	mg/L							<0.00002	<0.00002
Arsenic (As)-Dissolved	mg/L							0.000088	0.000095
Barium (Ba)-Dissolved	mg/L							0.00603	0.0061
Beryllium (Be)-Dissolved	mg/L							<0.00001	<0.00001
Bismuth (Bi)-Dissolved	mg/L							<0.000005	<0.000005
Boron (B)-Dissolved	mg/L							<0.01	<0.01
Cadmium (Cd)-Dissolved	mg/L	0.000048	0.000075					<0.000005	0.000008
Calcium (Ca)-Dissolved	mg/L							4.8	4.6
Cesium (Cs)-Dissolved	mg/L							<0.00005	<0.00005
Chromium (Cr)-Dissolved	mg/L							0.00011	<0.0001
Cobalt (Co)-Dissolved	mg/L							0.000039	0.000041
Copper (Cu)-Dissolved	mg/L	0.00049	0.00291					0.000554	0.000545
Iron (Fe)-Dissolved	mg/L		0.35					0.0485	0.0422
Lead (Pb)-Dissolved	mg/L	0.001603						<0.000005	<0.000005
Lithium (Li)-Dissolved	mg/L							0.00073	0.00074
Manganese (Mn)-Dissolved	mg/L							0.00396	0.00334
Magnesium (Mg)-Dissolved	mg/L							0.514	0.481
Mercury (Hg)-Dissolved	mg/L							<0.0000019	<0.0000019
Molybdenum (Mo)-Dissolved	mg/L							0.000526	0.00051
Nickel (Ni)-Dissolved	mg/L	0.0004	0.0086					0.000073	0.000076
Phosphorus (P)-Dissolved	mg/L							0.0399	0.0188
Potassium (K)-Dissolved	mg/L							0.471	0.47
Rubidium (Rb)-Dissolved	mg/L							0.000747	0.000681
Selenium (Se)-Dissolved	mg/L							<0.00004	<0.00004
Silicon (Si)-Dissolved	mg/L							3.72	3.44
Silver (Ag)-Dissolved	mg/L							<0.000005	<0.000005
Sodium (Na)-Dissolved	mg/L							1.59	1.49
Strontium (Sr)-Dissolved	mg/L			1.25				0.0283	0.0279
Sulphur (S)-Dissolved	mg/L							<3	<3
Tellurium (Te)-Dissolved	mg/L							<0.00002	<0.00002
Thallium (Tl)-Dissolved	mg/L							<0.000002	<0.000002
Thorium (Th)-Dissolved	mg/L							0.000007	0.000008
Tin (Sn)-Dissolved	mg/L							<0.0002	<0.0002
Titanium (Ti)-Dissolved	mg/L							<0.0005	<0.0005
Uranium (U)-Dissolved	mg/L							0.000031	0.000034
Vanadium (V)-Dissolved	mg/L							0.00086	0.00075
Zinc (Zn)-Dissolved	mg/L	0.00153	0.008166					0.00124	0.00066
Zirconium (Zr)-Dissolved	mg/L							<0.0001	<0.0001

Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as CaCO₃) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO₃), and Chloride).

Bold text denotes value exceeding guidelines. Note: Not all exceedances are project related.

Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.



		BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	SQU US 2025-05-13 14:00	SQU DS 2025-05-13 14:30
Analyte	Unit								
Inorganics									
Organic Carbon (C)-Total	mg/L							1.6	1.6
Organic Carbon (C)-Dissolved	mg/L							1.4	1.4
Solids-Total Dissolved	mg/L							30	30
Solids-Total Suspended	mg/L	11.8	31.8					6.8	6.4

Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as CaCO₃) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO₃), and Chloride).

Bold text denotes value exceeding guidelines. Note: Not all exceedances are project related.

Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.

 Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	May 12 th to May 18 th , 2025
	Report #	60
	Appendix B	B-3

BCR Site Receiving Environment Field Notes and Logs

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-12 00:00:00	7.78	41.22	0.158	7.20	10.63	3.68
SQU-DS	2025-05-12 00:15:00	7.73	41.13	0.17	7.20	10.64	1.04
SQU-DS	2025-05-12 00:30:00	7.69	40.94	0.15	7.20	10.63	1.69
SQU-DS	2025-05-12 00:45:00	7.64	40.94	0.16	7.20	10.65	2.93
SQU-DS	2025-05-12 01:00:00	7.59	40.67	0.17	7.19	10.66	1.21
SQU-DS	2025-05-12 01:15:00	7.54	40.64	0.18	7.20	10.67	1.20
SQU-DS	2025-05-12 01:30:00	7.49	40.58	0.14	7.20	10.66	2.22
SQU-DS	2025-05-12 01:45:00	7.45	40.46	0.15	7.20	10.70	3.45
SQU-DS	2025-05-12 02:00:00	7.39	40.34	0.16	7.20	10.72	1.85
SQU-DS	2025-05-12 02:15:00	7.36	40.18	0.17	7.21	10.71	0.95
SQU-DS	2025-05-12 02:30:00	7.31	40.18	0.15	7.21	10.74	1.46
SQU-DS	2025-05-12 02:45:00	7.25	40.15	0.16	7.21	10.75	1.32
SQU-DS	2025-05-12 03:00:00	7.21	40.03	0.16	7.22	10.76	1.58
SQU-DS	2025-05-12 03:15:00	7.17	39.91	0.17	7.22	10.79	1.61
SQU-DS	2025-05-12 03:30:00	7.13	39.76	0.14	7.23	10.79	1.70
SQU-DS	2025-05-12 03:45:00	7.08	39.75	0.16	7.23	10.81	1.80
SQU-DS	2025-05-12 04:00:00	7.04	39.59	0.17	7.23	10.81	1.54
SQU-DS	2025-05-12 04:15:00	6.99	39.47	0.17	7.23	10.82	1.18
SQU-DS	2025-05-12 04:30:00	6.95	39.44	0.15	7.21	10.82	0.74
SQU-DS	2025-05-12 04:45:00	6.89	39.37	0.16	7.22	10.85	1.15
SQU-DS	2025-05-12 05:00:00	6.83	39.41	0.17	7.22	10.86	2.05
SQU-DS	2025-05-12 05:15:00	6.79	39.40	0.18	7.20	10.87	2.25
SQU-DS	2025-05-12 05:30:00	6.73	39.49	0.15	7.24	10.89	1.36
SQU-DS	2025-05-12 05:45:00	6.71	39.70	0.15	7.23	10.89	1.51
SQU-DS	2025-05-12 06:00:00	6.68	40.22	0.16	7.22	10.89	1.21
SQU-DS	2025-05-12 06:15:00	6.66	40.21	0.17	7.22	10.90	1.15
SQU-DS	2025-05-12 06:30:00	6.64	40.57	0.15	7.22	10.89	1.65
SQU-DS	2025-05-12 06:45:00	6.61	40.77	0.16	7.22	10.90	0.68
SQU-DS	2025-05-12 07:00:00	6.60	40.86	0.16	7.21	10.91	0.63
SQU-DS	2025-05-12 07:15:00	6.59	40.89	0.17	7.21	10.92	0.48
SQU-DS	2025-05-12 07:30:00	6.57	40.87	0.15	7.21	10.92	2.38
SQU-DS	2025-05-12 07:45:00	6.58	40.60	0.15	7.20	10.94	1.55
SQU-DS	2025-05-12 08:00:00	6.60	40.48	0.16	7.19	10.96	10.21
SQU-DS	2025-05-12 08:15:00	6.62	40.46	0.17	7.19	10.97	1.82
SQU-DS	2025-05-12 08:30:00	6.65	40.28	0.15	7.20	10.98	1.91
SQU-DS	2025-05-12 08:45:00	6.70	40.20	0.16	7.20	10.99	1.14
SQU-DS	2025-05-12 09:00:00	6.74	40.02	0.16	7.20	11.01	2.30
SQU-DS	2025-05-12 09:15:00	6.79	39.96	0.17	7.20	11.03	1.27
SQU-DS	2025-05-12 09:30:00	6.87	39.97	0.14	7.21	11.02	1.60
SQU-DS	2025-05-12 09:45:00	6.93	40.14	0.15	7.21	11.01	1.30
SQU-DS	2025-05-12 10:00:00	6.97	40.28	0.16	7.20	11.02	1.02
SQU-DS	2025-05-12 10:15:00	7.04	40.35	0.17	7.21	11.01	1.95
SQU-DS	2025-05-12 10:30:00	7.12	40.51	0.15	7.21	11.01	1.89
SQU-DS	2025-05-12 10:45:00	7.22	40.51	0.16	7.21	11.01	0.92
SQU-DS	2025-05-12 11:00:00	7.30	40.39	0.16	7.22	11.01	1.00
SQU-DS	2025-05-12 11:15:00	7.38	40.36	0.17	7.21	11.00	1.99
SQU-DS	2025-05-12 11:30:00	7.49	40.28	0.15	7.22	11.01	2.69
SQU-DS	2025-05-12 11:45:00	7.58	40.12	0.16	7.22	11.00	1.64
SQU-DS	2025-05-12 12:00:00	7.68	40.06	0.16	7.22	11.00	0.78
SQU-DS	2025-05-12 12:15:00	7.79	40.20	0.17	7.23	10.98	0.38
SQU-DS	2025-05-12 12:30:00	7.90	40.12	0.15	7.23	10.97	2.01
SQU-DS	2025-05-12 12:45:00	8.00	40.25	0.15	7.23	10.96	1.19
SQU-DS	2025-05-12 13:00:00	8.11	40.32	0.16	7.23	10.95	8.36
SQU-DS	2025-05-12 13:15:00	8.22	40.20	0.17	7.23	10.93	0.40
SQU-DS	2025-05-12 13:30:00	8.32	40.15	0.14	7.24	10.91	1.49

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-12 13:45:00	8.43	40.16	0.15	7.24	10.91	1.03
SQU-DS	2025-05-12 14:00:00	8.53	40.11	0.16	7.24	10.88	3.74
SQU-DS	2025-05-12 14:15:00	8.60	40.40	0.17	7.24	10.86	1.10
SQU-DS	2025-05-12 14:30:00	8.67	40.24	0.15	7.24	10.85	1.09
SQU-DS	2025-05-12 14:45:00	8.75	40.19	0.15	7.24	10.83	1.25
SQU-DS	2025-05-12 15:00:00	8.90	40.22	0.16	7.24	10.83	1.17
SQU-DS	2025-05-12 15:15:00	8.99	40.16	0.17	7.24	10.80	0.56
SQU-DS	2025-05-12 15:30:00	9.04	40.36	0.14	7.24	10.77	1.12
SQU-DS	2025-05-12 15:45:00	9.10	40.35	0.15	7.24	10.77	2.24
SQU-DS	2025-05-12 16:00:00	9.07	40.40	0.16	7.25	10.75	1.09
SQU-DS	2025-05-12 16:15:00	9.03	40.62	0.17	7.24	10.74	1.94
SQU-DS	2025-05-12 16:30:00	9.13	40.58	0.15	7.25	10.71	4.38
SQU-DS	2025-05-12 16:45:00	9.28	40.60	0.16	7.25	10.70	1.14
SQU-DS	2025-05-12 17:00:00	9.38	40.53	0.17	7.26	10.70	1.49
SQU-DS	2025-05-12 17:15:00	9.40	40.47	0.17	7.27	10.68	1.04
SQU-DS	2025-05-12 17:30:00	9.41	40.33	0.14	7.28	10.67	1.37
SQU-DS	2025-05-12 17:45:00	9.44	40.00	0.15	7.29	10.66	1.61
SQU-DS	2025-05-12 18:00:00	9.43	39.83	0.16	7.30	10.65	1.11
SQU-DS	2025-05-12 18:15:00	9.41	40.03	0.17	7.30	10.63	1.09
SQU-DS	2025-05-12 18:30:00	9.38	39.82	0.16	7.30	10.63	0.61
SQU-DS	2025-05-12 18:45:00	9.32	39.74	0.16	7.29	10.62	0.42
SQU-DS	2025-05-12 19:00:00	9.27	39.80	0.17	7.31	10.65	0.91
SQU-DS	2025-05-12 19:15:00	9.22	39.85	0.18	7.31	10.54	0.48
SQU-DS	2025-05-12 19:30:00	9.15	39.99	0.14	7.31	10.63	1.24
SQU-DS	2025-05-12 19:45:00	9.07	39.98	0.15	7.31	10.60	0.68
SQU-DS	2025-05-12 20:00:00	8.97	40.58	0.16	7.26	10.60	0.66
SQU-DS	2025-05-12 20:15:00	8.89	41.12	0.17	7.27	10.59	1.47
SQU-DS	2025-05-12 20:30:00	8.83	41.77	0.15	7.29	10.55	0.43
SQU-DS	2025-05-12 20:45:00	8.78	42.17	0.16	7.27	10.57	2.00
SQU-DS	2025-05-12 21:00:00	8.76	42.94	0.16	7.27	10.53	1.31
SQU-DS	2025-05-12 21:15:00	8.72	43.38	0.17	7.19	10.51	0.19
SQU-DS	2025-05-12 21:30:00	8.73	43.27	0.14	7.25	10.49	0.64
SQU-DS	2025-05-12 21:45:00	8.72	42.87	0.14	7.26	10.47	1.92
SQU-DS	2025-05-12 22:00:00	8.68	42.75	0.16	7.25	10.48	0.79
SQU-DS	2025-05-12 22:15:00	8.65	43.32	0.16	7.24	10.46	0.91
SQU-DS	2025-05-12 22:30:00	8.65	43.20	0.16	7.24	10.44	0.35
SQU-DS	2025-05-12 22:45:00	8.64	43.50	0.16	7.22	10.44	1.59
SQU-DS	2025-05-12 23:00:00	8.62	43.24	0.17	7.23	10.44	2.56
SQU-DS	2025-05-12 23:15:00	8.60	43.39	0.18	7.23	10.44	0.75
SQU-DS	2025-05-12 23:30:00	8.56	44.15	0.15	7.24	10.44	1.67
SQU-DS	2025-05-12 23:45:00	8.54	42.86	0.15	7.23	10.45	2.06
SQU-DS	2025-05-13 00:00:00	8.49	42.30	0.16	7.23	10.45	1.88
SQU-DS	2025-05-13 00:15:00	8.45	41.88	0.17	7.22	10.46	1.90
SQU-DS	2025-05-13 00:30:00	8.40	41.77	0.16	7.22	10.46	1.78
SQU-DS	2025-05-13 00:45:00	8.36	41.61	0.16	7.21	10.47	1.97
SQU-DS	2025-05-13 01:00:00	8.30	41.29	0.17	7.22	10.49	1.84
SQU-DS	2025-05-13 01:15:00	8.24	41.20	0.18	7.22	10.51	20.32
SQU-DS	2025-05-13 01:30:00	8.17	40.99	0.15	7.22	10.52	1.88
SQU-DS	2025-05-13 01:45:00	8.11	41.05	0.16	7.21	10.53	1.68
SQU-DS	2025-05-13 02:00:00	8.04	40.83	0.16	7.22	10.56	4.63
SQU-DS	2025-05-13 02:15:00	7.99	40.66	0.17	7.22	10.57	3.10
SQU-DS	2025-05-13 02:30:00	7.93	40.52	0.15	7.22	10.59	2.34
SQU-DS	2025-05-13 02:45:00	7.85	40.34	0.16	7.21	10.61	2.67
SQU-DS	2025-05-13 03:00:00	7.76	40.19	0.17	7.20	10.64	1.07
SQU-DS	2025-05-13 03:15:00	7.69	40.34	0.18	7.22	10.67	1.78

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-13 03:30:00	7.63	40.20	0.16	7.21	10.66	1.44
SQU-DS	2025-05-13 03:45:00	7.56	40.08	0.16	7.18	10.69	2.55
SQU-DS	2025-05-13 04:00:00	7.49	39.92	0.17	7.19	10.71	2.54
SQU-DS	2025-05-13 04:15:00	7.43	39.81	0.17	7.23	10.73	2.73
SQU-DS	2025-05-13 04:30:00	7.37	39.62	0.16	7.23	10.74	2.58
SQU-DS	2025-05-13 04:45:00	7.30	39.58	0.16	7.24	10.76	2.08
SQU-DS	2025-05-13 05:00:00	7.24	39.31	0.17	7.24	10.63	2.02
SQU-DS	2025-05-13 05:15:00	7.18	39.22	0.17	7.23	10.79	1.58
SQU-DS	2025-05-13 05:30:00	7.12	39.37	0.15	7.22	10.80	2.61
SQU-DS	2025-05-13 05:45:00	7.07	39.36	0.15	7.24	10.84	1.72
SQU-DS	2025-05-13 06:00:00	7.02	39.40	0.16	7.23	10.85	1.72
SQU-DS	2025-05-13 06:15:00	6.96	39.78	0.17	7.23	10.86	2.22
SQU-DS	2025-05-13 06:30:00	6.92	39.78	0.15	7.21	10.86	2.34
SQU-DS	2025-05-13 06:45:00	6.89	39.94	0.16	7.23	10.89	1.71
SQU-DS	2025-05-13 07:00:00	6.86	40.09	0.17	7.23	10.90	3.56
SQU-DS	2025-05-13 07:15:00	6.85	40.29	0.17	7.23	10.92	1.38
SQU-DS	2025-05-13 07:30:00	6.85	40.06	0.14	7.23	10.92	1.22
SQU-DS	2025-05-13 07:45:00	6.86	40.11	0.15	7.22	10.94	2.13
SQU-DS	2025-05-13 08:00:00	6.87	39.97	0.16	7.22	10.95	1.62
SQU-DS	2025-05-13 08:15:00	6.88	39.69	0.17	7.21	10.98	2.49
SQU-DS	2025-05-13 08:30:00	6.90	39.90	0.15	7.20	10.98	2.41
SQU-DS	2025-05-13 08:45:00	6.94	39.53	0.16	7.22	11.01	2.48
SQU-DS	2025-05-13 09:00:00	6.96	39.31	0.17	7.22	11.03	1.56
SQU-DS	2025-05-13 09:15:00	7.02	39.37	0.17	7.22	11.02	2.41
SQU-DS	2025-05-13 09:30:00	7.09	39.40	0.14	7.23	11.02	1.38
SQU-DS	2025-05-13 09:45:00	7.16	39.31	0.15	7.22	11.02	2.86
SQU-DS	2025-05-13 10:00:00	7.24	39.44	0.16	7.23	11.03	2.71
SQU-DS	2025-05-13 10:15:00	7.33	39.41	0.17	7.22	11.03	1.29
SQU-DS	2025-05-13 10:30:00	7.41	39.28	0.15	7.23	11.02	2.38
SQU-DS	2025-05-13 10:45:00	7.51	39.43	0.16	7.23	11.01	1.96
SQU-DS	2025-05-13 11:00:00	7.60	39.17	0.17	7.24	11.03	2.78
SQU-DS	2025-05-13 11:15:00	7.69	38.68	0.18	7.24	11.03	1.49
SQU-DS	2025-05-13 11:30:00	7.79	38.74	0.14	7.25	11.02	5.35
SQU-DS	2025-05-13 11:45:00	7.89	38.85	0.15	7.25	11.01	4.64
SQU-DS	2025-05-13 12:00:00	8.01	38.74	0.16	7.25	11.02	7.70
SQU-DS	2025-05-13 12:15:00	8.10	38.64	0.17	7.25	11.00	5.61
SQU-DS	2025-05-13 12:30:00	8.19	38.86	0.15	7.25	10.97	1.93
SQU-DS	2025-05-13 12:45:00	8.31	39.18	0.16	7.25	10.96	2.86
SQU-DS	2025-05-13 13:00:00	8.42	38.63	0.17	7.26	10.96	5.55
SQU-DS	2025-05-13 13:15:00	8.51	38.31	0.18	7.26	10.95	3.33
SQU-DS	2025-05-13 13:30:00	8.61	38.27	0.14	7.26	10.93	2.77
SQU-DS	2025-05-13 13:45:00	8.73	38.58	0.15	7.26	10.91	2.64
SQU-DS	2025-05-13 14:00:00	8.81	38.16	0.16	7.26	10.90	1.50
SQU-DS	2025-05-13 14:15:00	8.90	38.45	0.17	7.26	10.89	3.27
SQU-DS	2025-05-13 14:30:00	8.99	38.10	0.15	7.27	10.88	3.09
SQU-DS	2025-05-13 14:45:00	9.08	38.13	0.16	7.26	10.85	2.84
SQU-DS	2025-05-13 15:00:00	9.16	38.59	0.17	7.26	10.84	4.57
SQU-DS	2025-05-13 15:15:00	9.22	39.15	0.18	7.26	10.81	2.74
SQU-DS	2025-05-13 15:30:00	9.27	39.13	0.14	7.26	10.78	6.13
SQU-DS	2025-05-13 15:45:00	9.30	38.81	0.15	7.27	10.78	2.92
SQU-DS	2025-05-13 16:00:00	9.34	38.97	0.16	7.27	10.77	2.61
SQU-DS	2025-05-13 16:15:00	9.38	39.01	0.17	7.27	10.76	3.78
SQU-DS	2025-05-13 16:30:00	9.42	38.93	0.15	7.27	10.76	2.65
SQU-DS	2025-05-13 16:45:00	9.46	38.72	0.16	7.28	10.75	2.49
SQU-DS	2025-05-13 17:00:00	9.50	38.60	0.17	7.29	10.74	2.05

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-13 17:15:00	9.54	38.92	0.17	7.28	10.73	2.75
SQU-DS	2025-05-13 17:30:00	9.59	38.95	0.14	7.29	10.69	1.43
SQU-DS	2025-05-13 17:45:00	9.61	38.53	0.15	7.30	10.70	2.22
SQU-DS	2025-05-13 18:00:00	9.60	38.38	0.16	7.30	10.68	3.08
SQU-DS	2025-05-13 18:15:00	9.59	38.42	0.17	7.30	10.67	2.06
SQU-DS	2025-05-13 18:30:00	9.59	38.30	0.15	7.32	10.65	2.25
SQU-DS	2025-05-13 18:45:00	9.57	38.04	0.16	7.29	10.63	2.60
SQU-DS	2025-05-13 19:00:00	9.53	37.86	0.17	7.29	10.63	2.98
SQU-DS	2025-05-13 19:15:00	9.49	37.88	0.18	7.29	10.62	2.47
SQU-DS	2025-05-13 19:30:00	9.45	37.74	0.14	7.31	10.63	2.38
SQU-DS	2025-05-13 19:45:00	9.39	37.93	0.15	7.31	10.53	4.44
SQU-DS	2025-05-13 20:00:00	9.38	37.83	0.16	7.31	10.54	2.61
SQU-DS	2025-05-13 20:15:00	9.33	38.14	0.17	7.29	10.53	2.68
SQU-DS	2025-05-13 20:30:00	9.30	38.41	0.15	7.32	10.54	3.87
SQU-DS	2025-05-13 20:45:00	9.24	38.76	0.16	7.27	10.55	2.70
SQU-DS	2025-05-13 21:00:00	9.24	39.70	0.17	7.31	10.47	2.91
SQU-DS	2025-05-13 21:15:00	9.26	40.31	0.17	7.30	10.48	4.43
SQU-DS	2025-05-13 21:30:00	9.23	39.91	0.14	7.25	10.47	1.60
SQU-DS	2025-05-13 21:45:00	9.20	40.75	0.14	7.24	10.40	2.55
SQU-DS	2025-05-13 22:00:00	9.19	41.02	0.16	7.23	10.42	2.49
SQU-DS	2025-05-13 22:15:00	9.17	40.78	0.16	7.28	10.42	2.78
SQU-DS	2025-05-13 22:30:00	9.15	40.77	0.15	7.26	10.40	4.00
SQU-DS	2025-05-13 22:45:00	9.11	41.00	0.16	7.27	10.39	6.73
SQU-DS	2025-05-13 23:00:00	9.08	41.28	0.16	7.26	10.41	5.53
SQU-DS	2025-05-13 23:15:00	9.06	41.48	0.17	7.26	10.42	3.84
SQU-DS	2025-05-13 23:30:00	9.03	41.43	0.14	7.23	10.40	10.39
SQU-DS	2025-05-13 23:45:00	8.99	40.61	0.15	7.24	10.43	6.90
SQU-DS	2025-05-14 00:00:00	8.94	40.18	0.16	7.24	10.44	3.17
SQU-DS	2025-05-14 00:15:00	8.90	39.81	0.17	7.24	10.44	5.20
SQU-DS	2025-05-14 00:30:00	8.85	39.54	0.15	7.24	10.44	4.40
SQU-DS	2025-05-14 00:45:00	8.78	38.96	0.16	7.24	10.46	5.43
SQU-DS	2025-05-14 01:00:00	8.72	38.56	0.17	7.24	10.48	7.21
SQU-DS	2025-05-14 01:15:00	8.65	38.21	0.18	7.24	10.50	5.49
SQU-DS	2025-05-14 01:30:00	8.57	37.96	0.13	7.24	10.52	6.40
SQU-DS	2025-05-14 01:45:00	8.49	37.71	0.15	7.24	10.55	5.98
SQU-DS	2025-05-14 02:00:00	8.43	37.73	0.15	7.24	10.57	5.53
SQU-DS	2025-05-14 02:15:00	8.35	37.47	0.16	7.22	10.55	4.62
SQU-DS	2025-05-14 02:30:00	8.29	36.98	0.15	7.23	10.59	4.90
SQU-DS	2025-05-14 02:45:00	8.22	37.09	0.16	7.18	10.60	3.94
SQU-DS	2025-05-14 03:00:00	8.17	36.82	0.16	7.23	10.62	3.09
SQU-DS	2025-05-14 03:15:00	8.11	36.53	0.17	7.19	10.65	4.85
SQU-DS	2025-05-14 03:30:00	8.05	36.59	0.14	7.23	10.62	7.52
SQU-DS	2025-05-14 03:45:00	8.00	36.10	0.15	7.22	10.65	4.63
SQU-DS	2025-05-14 04:00:00	7.94	35.89	0.16	7.19	10.67	3.69
SQU-DS	2025-05-14 04:15:00	7.90	35.51	0.17	7.15	10.69	4.26
SQU-DS	2025-05-14 04:30:00	7.87	35.66	0.15	7.22	10.69	5.08
SQU-DS	2025-05-14 04:45:00	7.83	35.49	0.16	7.23	10.71	6.95
SQU-DS	2025-05-14 05:00:00	7.78	35.25	0.17	7.22	10.68	7.74
SQU-DS	2025-05-14 05:15:00	7.76	35.10	0.18	7.23	10.73	4.42
SQU-DS	2025-05-14 05:30:00	7.68	35.10	0.15	7.17	10.73	7.58
SQU-DS	2025-05-14 05:45:00	7.64	34.97	0.16	7.20	10.73	5.18
SQU-DS	2025-05-14 06:00:00	7.61	35.00	0.16	7.22	10.75	5.90
SQU-DS	2025-05-14 06:15:00	7.57	35.02	0.17	7.23	10.79	9.61
SQU-DS	2025-05-14 06:30:00	7.53	34.72	0.16	7.23	10.76	6.17
SQU-DS	2025-05-14 06:45:00	7.49	34.39	0.17	7.22	10.73	5.11

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-14 07:00:00	7.46	34.57	0.17	7.24	10.82	3.85
SQU-DS	2025-05-14 07:15:00	7.46	34.44	0.18	7.23	10.87	3.53
SQU-DS	2025-05-14 07:30:00	7.46	34.26	0.13	7.25	10.84	6.13
SQU-DS	2025-05-14 07:45:00	7.45	34.58	0.15	7.24	10.87	5.10
SQU-DS	2025-05-14 08:00:00	7.46	34.37	0.16	7.24	10.87	5.20
SQU-DS	2025-05-14 08:15:00	7.45	34.17	0.17	7.24	10.88	10.56
SQU-DS	2025-05-14 08:30:00	7.48	34.34	0.15	7.24	10.88	5.85
SQU-DS	2025-05-14 08:45:00	7.50	34.34	0.16	7.23	10.88	7.68
SQU-DS	2025-05-14 09:00:00	7.55	33.92	0.17	7.24	10.82	7.49
SQU-DS	2025-05-14 09:15:00	7.60	33.93	0.18	7.23	10.94	5.44
SQU-DS	2025-05-14 09:30:00	7.63	33.86	0.15	7.27	10.92	9.98
SQU-DS	2025-05-14 09:45:00	7.68	33.70	0.16	7.26	10.94	7.68
SQU-DS	2025-05-14 10:00:00	7.73	34.02	0.17	7.25	10.93	8.43
SQU-DS	2025-05-14 10:15:00	7.78	34.12	0.18	7.26	10.91	7.78
SQU-DS	2025-05-14 10:30:00	7.87	33.89	0.16	7.26	10.87	8.54
SQU-DS	2025-05-14 10:45:00	7.94	33.66	0.17	7.25	10.78	7.08
SQU-DS	2025-05-14 11:00:00	7.98	33.83	0.18	7.24	10.88	11.39
SQU-DS	2025-05-14 11:15:00	8.03	33.70	0.18	7.25	10.84	6.90
SQU-DS	2025-05-14 11:30:00	8.05	33.31	0.14	7.28	10.87	11.90
SQU-DS	2025-05-14 11:45:00	8.11	33.48	0.16	7.27	10.90	6.28
SQU-DS	2025-05-14 12:00:00	8.17	33.57	0.17	7.24	10.89	9.30
SQU-DS	2025-05-14 12:15:00	8.18	33.16	0.17	7.27	10.81	7.99
SQU-DS	2025-05-14 12:30:00	8.21	32.92	0.16	7.28	10.87	8.10
SQU-DS	2025-05-14 12:45:00	8.25	33.32	0.17	7.27	10.64	7.05
SQU-DS	2025-05-14 13:00:00	8.32	33.39	0.18	7.26	10.44	6.96
SQU-DS	2025-05-14 13:15:00	8.41	33.30	0.18	7.27	10.56	9.01
SQU-DS	2025-05-14 13:30:00	8.43	32.91	0.15	7.28	10.70	7.49
SQU-DS	2025-05-14 13:45:00	8.43	33.00	0.16	7.26	10.73	7.50
SQU-DS	2025-05-14 14:00:00	8.51	33.14	0.17	7.26	10.65	7.55
SQU-DS	2025-05-14 14:15:00	8.61	33.25	0.18	7.27	10.64	10.80
SQU-DS	2025-05-14 14:30:00	8.70	33.24	0.17	7.27	10.72	8.95
SQU-DS	2025-05-14 14:45:00	8.73	33.15	0.18	7.26	10.52	7.32
SQU-DS	2025-05-14 15:00:00	8.74	33.53	0.18	7.26	10.20	9.12
SQU-DS	2025-05-14 15:15:00	8.79	33.60	0.19	7.24	9.99	8.48
SQU-DS	2025-05-14 15:30:00	8.87	33.40	0.15	7.26	10.63	11.63
SQU-DS	2025-05-14 15:45:00	8.94	33.62	0.16	7.26	10.78	9.68
SQU-DS	2025-05-14 16:00:00	9.02	33.95	0.17	7.24	10.77	7.47
SQU-DS	2025-05-14 16:15:00	9.08	33.86	0.18	7.23	10.79	8.43
SQU-DS	2025-05-14 16:30:00	9.12	33.27	0.17	7.28	10.72	9.08
SQU-DS	2025-05-14 16:45:00	9.16	33.20	0.18	7.27	10.69	7.04
SQU-DS	2025-05-14 17:00:00	9.24	33.80	0.18	7.26	10.74	9.56
SQU-DS	2025-05-14 17:15:00	9.28	33.76	0.19	7.28	10.59	5.60
SQU-DS	2025-05-14 17:30:00	9.28	33.59	0.15	7.27	10.62	8.97
SQU-DS	2025-05-14 17:45:00	9.23	33.39	0.17	7.28	10.74	9.28
SQU-DS	2025-05-14 18:00:00	9.11	33.39	0.17	7.27	10.60	6.84
SQU-DS	2025-05-14 18:15:00	9.05	33.27	0.18	7.26	10.69	6.59
SQU-DS	2025-05-14 18:30:00	9.00	33.32	0.17	7.26	10.64	8.74
SQU-DS	2025-05-14 18:45:00	9.00	33.14	0.17	7.27	10.70	12.07
SQU-DS	2025-05-14 19:00:00	8.98	32.68	0.18	7.26	10.62	10.59
SQU-DS	2025-05-14 19:15:00	8.96	32.44	0.19	7.27	10.45	7.00
SQU-DS	2025-05-14 19:30:00	8.92	32.40	0.15	7.28	10.67	6.32
SQU-DS	2025-05-14 19:45:00	8.88	32.19	0.17	7.28	10.66	10.30
SQU-DS	2025-05-14 20:00:00	8.84	32.30	0.18	7.24	10.66	8.73
SQU-DS	2025-05-14 20:15:00	8.82	32.73	0.19	7.20	10.62	13.67
SQU-DS	2025-05-14 20:30:00	8.80	33.14	0.17	7.26	10.62	5.66

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-14 20:45:00	8.76	33.38	0.17	7.28	10.62	4.95
SQU-DS	2025-05-14 21:00:00	8.74	33.78	0.18	7.23	10.62	9.29
SQU-DS	2025-05-14 21:15:00	8.66	33.62	0.19	7.23	10.61	10.07
SQU-DS	2025-05-14 21:30:00	8.61	33.53	0.14	7.25	10.66	12.75
SQU-DS	2025-05-14 21:45:00	8.54	34.16	0.16	7.23	10.57	9.14
SQU-DS	2025-05-14 22:00:00	8.50	34.20	0.17	7.25	10.50	8.34
SQU-DS	2025-05-14 22:15:00	8.45	34.53	0.17	7.23	10.62	10.18
SQU-DS	2025-05-14 22:30:00	8.42	35.15	0.16	7.26	10.63	8.08
SQU-DS	2025-05-14 22:45:00	8.37	34.79	0.17	7.23	10.59	5.40
SQU-DS	2025-05-14 23:00:00	8.29	34.49	0.17	7.23	10.57	8.10
SQU-DS	2025-05-14 23:15:00	8.24	34.76	0.18	7.24	10.58	8.36
SQU-DS	2025-05-14 23:30:00	8.15	34.93	0.12	7.18	10.65	7.19
SQU-DS	2025-05-14 23:45:00	8.09	35.02	0.14	7.21	10.68	6.93
SQU-DS	2025-05-15 00:00:00	8.04	34.48	0.15	7.22	10.66	5.49
SQU-DS	2025-05-15 00:15:00	7.95	34.56	0.16	7.21	10.67	8.19
SQU-DS	2025-05-15 00:30:00	7.90	34.70	0.14	7.19	10.61	8.04
SQU-DS	2025-05-15 00:45:00	7.80	34.16	0.15	7.20	10.66	9.86
SQU-DS	2025-05-15 01:00:00	7.75	33.84	0.16	7.20	10.67	7.84
SQU-DS	2025-05-15 01:15:00	7.66	33.56	0.17	7.19	10.68	9.44
SQU-DS	2025-05-15 01:30:00	7.61	32.98	0.12	7.21	10.72	7.21
SQU-DS	2025-05-15 01:45:00	7.53	32.77	0.14	7.21	10.79	10.25
SQU-DS	2025-05-15 02:00:00	7.47	32.72	0.15	7.21	10.78	7.14
SQU-DS	2025-05-15 02:15:00	7.40	32.37	0.16	7.18	10.78	7.82
SQU-DS	2025-05-15 02:30:00	7.34	32.66	0.14	7.15	10.78	9.83
SQU-DS	2025-05-15 02:45:00	7.27	32.44	0.15	7.18	10.79	10.59
SQU-DS	2025-05-15 03:00:00	7.21	32.38	0.16	7.18	10.82	4.98
SQU-DS	2025-05-15 03:15:00	7.17	32.17	0.17	7.19	10.84	6.29
SQU-DS	2025-05-15 03:30:00	7.11	31.82	0.12	7.20	10.78	13.29
SQU-DS	2025-05-15 03:45:00	7.06	31.76	0.14	7.17	10.94	5.12
SQU-DS	2025-05-15 04:00:00	7.02	31.61	0.15	7.20	10.92	5.98
SQU-DS	2025-05-15 04:15:00	6.97	31.72	0.16	7.18	10.91	5.39
SQU-DS	2025-05-15 04:30:00	6.93	31.75	0.14	7.20	10.91	9.80
SQU-DS	2025-05-15 04:45:00	6.89	31.71	0.16	7.20	10.69	9.51
SQU-DS	2025-05-15 05:00:00	6.84	31.63	0.17	7.18	10.91	9.20
SQU-DS	2025-05-15 05:15:00	6.79	31.60	0.17	7.20	10.92	7.10
SQU-DS	2025-05-15 05:30:00	6.75	31.35	0.13	7.19	10.94	6.16
SQU-DS	2025-05-15 05:45:00	6.72	31.34	0.15	7.13	11.04	6.40
SQU-DS	2025-05-15 06:00:00	6.69	31.18	0.16	7.17	11.02	5.25
SQU-DS	2025-05-15 06:15:00	6.64	31.21	0.17	7.18	11.01	6.26
SQU-DS	2025-05-15 06:30:00	6.61	31.46	0.16	7.21	11.03	5.96
SQU-DS	2025-05-15 06:45:00	6.59	31.43	0.16	7.19	10.94	7.18
SQU-DS	2025-05-15 07:00:00	6.57	31.52	0.17	7.17	10.98	6.11
SQU-DS	2025-05-15 07:15:00	6.58	31.40	0.18	7.19	11.08	6.51
SQU-DS	2025-05-15 07:30:00	6.58	31.24	0.12	7.21	11.03	6.12
SQU-DS	2025-05-15 07:45:00	6.60	31.17	0.14	7.19	11.16	5.63
SQU-DS	2025-05-15 08:00:00	6.61	31.23	0.16	7.20	11.12	6.95
SQU-DS	2025-05-15 08:15:00	6.63	31.26	0.17	7.18	11.12	4.05
SQU-DS	2025-05-15 08:30:00	6.64	32.10	0.15	7.23	11.06	8.26
SQU-DS	2025-05-15 08:45:00	6.67	31.79	0.16	7.21	11.00	9.92
SQU-DS	2025-05-15 09:00:00	6.68	31.66	0.17	7.20	11.09	5.10
SQU-DS	2025-05-15 09:15:00	6.69	31.67	0.18	7.18	11.12	6.92
SQU-DS	2025-05-15 09:30:00	6.75	31.31	0.14	7.20	11.12	4.46
SQU-DS	2025-05-15 09:45:00	6.83	31.62	0.15	7.20	11.16	12.20
SQU-DS	2025-05-15 10:00:00	6.87	31.54	0.17	7.19	11.17	8.30
SQU-DS	2025-05-15 10:15:00	6.87	31.53	0.17	7.20	11.18	6.31

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-15 10:30:00	6.87	31.71	0.15	7.23	11.11	7.67
SQU-DS	2025-05-15 10:45:00	6.89	31.65	0.16	7.21	10.93	6.39
SQU-DS	2025-05-15 11:00:00	6.91	31.70	0.17	7.19	10.99	12.44
SQU-DS	2025-05-15 11:15:00	6.93	31.56	0.18	7.21	11.15	8.90
SQU-DS	2025-05-15 11:30:00	6.94	31.63	0.13	7.23	11.08	7.97
SQU-DS	2025-05-15 11:45:00	6.97	31.76	0.15	7.21	11.16	5.94
SQU-DS	2025-05-15 12:00:00	6.96	31.94	0.16	7.21	11.16	6.26
SQU-DS	2025-05-15 12:15:00	6.98	32.12	0.17	7.21	11.12	6.90
SQU-DS	2025-05-15 12:30:00	6.98	32.16	0.16	7.23	11.05	7.74
SQU-DS	2025-05-15 12:45:00	7.02	32.17	0.17	7.20	10.82	12.18
SQU-DS	2025-05-15 13:00:00	7.05	32.16	0.17	7.21	10.64	7.79
SQU-DS	2025-05-15 13:15:00	7.07	32.14	0.18	7.21	10.42	9.80
SQU-DS	2025-05-15 13:30:00	7.08	31.57	0.13	7.23	10.98	7.18
SQU-DS	2025-05-15 13:45:00	7.10	31.77	0.15	7.22	11.13	9.14
SQU-DS	2025-05-15 14:00:00	7.13	31.99	0.16	7.21	11.14	7.27
SQU-DS	2025-05-15 14:15:00	7.17	32.14	0.17	7.21	11.12	5.64
SQU-DS	2025-05-15 14:30:00	7.20	32.65	0.15	7.22	11.08	5.30
SQU-DS	2025-05-15 14:45:00	7.24	32.54	0.16	7.21	10.96	10.20
SQU-DS	2025-05-15 15:00:00	7.28	32.52	0.17	7.20	10.90	6.64
SQU-DS	2025-05-15 15:15:00	7.31	32.36	0.18	7.20	11.03	7.11
SQU-DS	2025-05-15 15:30:00	7.34	32.28	0.13	7.22	10.98	5.76
SQU-DS	2025-05-15 15:45:00	7.37	32.24	0.15	7.21	11.14	3.67
SQU-DS	2025-05-15 16:00:00	7.38	32.54	0.16	7.19	11.10	5.35
SQU-DS	2025-05-15 16:15:00	7.39	32.22	0.17	7.22	11.08	6.69
SQU-DS	2025-05-15 16:30:00	7.40	32.57	0.15	7.22	11.01	9.23
SQU-DS	2025-05-15 16:45:00	7.39	32.44	0.16	7.23	10.80	11.13
SQU-DS	2025-05-15 17:00:00	7.39	32.66	0.17	7.22	11.05	8.65
SQU-DS	2025-05-15 17:15:00	7.40	32.72	0.18	7.21	10.81	6.11
SQU-DS	2025-05-15 17:30:00	7.40	32.46	0.12	7.22	11.02	5.47
SQU-DS	2025-05-15 17:45:00	7.39	32.54	0.15	7.22	11.08	8.73
SQU-DS	2025-05-15 18:00:00	7.40	32.45	0.16	7.21	11.05	4.96
SQU-DS	2025-05-15 18:15:00	7.39	32.53	0.16	7.22	11.09	5.22
SQU-DS	2025-05-15 18:30:00	7.38	32.88	0.13	7.24	11.02	8.48
SQU-DS	2025-05-15 18:45:00	7.38	33.19	0.15	7.23	10.71	6.32
SQU-DS	2025-05-15 19:00:00	7.37	33.09	0.16	7.23	10.80	4.34
SQU-DS	2025-05-15 19:15:00	7.37	33.10	0.17	7.23	10.85	5.00
SQU-DS	2025-05-15 19:30:00	7.36	32.97	0.13	7.24	10.91	7.08
SQU-DS	2025-05-15 19:45:00	7.36	32.89	0.14	7.25	11.01	6.43
SQU-DS	2025-05-15 20:00:00	7.34	32.58	0.16	7.25	10.96	5.55
SQU-DS	2025-05-15 20:15:00	7.30	32.34	0.16	7.25	11.02	5.13
SQU-DS	2025-05-15 20:30:00	7.26	32.52	0.15	7.29	10.98	6.94
SQU-DS	2025-05-15 20:45:00	7.25	32.51	0.16	7.24	10.95	7.20
SQU-DS	2025-05-15 21:00:00	7.22	32.66	0.17	7.22	10.70	23.69
SQU-DS	2025-05-15 21:15:00	7.18	32.76	0.17	7.22	10.75	7.86
SQU-DS	2025-05-15 21:30:00	7.14	32.44	0.13	7.24	10.97	4.42
SQU-DS	2025-05-15 21:45:00	7.11	32.77	0.15	7.23	11.00	7.46
SQU-DS	2025-05-15 22:00:00	7.10	33.35	0.16	7.19	10.97	4.43
SQU-DS	2025-05-15 22:15:00	7.08	33.84	0.16	7.22	10.97	3.51
SQU-DS	2025-05-15 22:30:00	7.07	34.67	0.15	7.19	10.84	5.27
SQU-DS	2025-05-15 22:45:00	7.07	34.53	0.16	7.22	10.91	4.84
SQU-DS	2025-05-15 23:00:00	7.04	34.68	0.17	7.20	10.91	3.53
SQU-DS	2025-05-15 23:15:00	7.05	35.00	0.18	7.20	10.84	10.78
SQU-DS	2025-05-15 23:30:00	7.04	34.74	0.13	7.21	10.88	6.09
SQU-DS	2025-05-15 23:45:00	7.04	34.99	0.15	7.17	10.96	5.98
SQU-DS	2025-05-16 00:00:00	7.03	35.04	0.15	7.21	10.93	3.37

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-16 00:15:00	7.01	35.19	0.16	7.19	10.91	4.06
SQU-DS	2025-05-16 00:30:00	7.01	36.04	0.13	7.20	10.90	5.25
SQU-DS	2025-05-16 00:45:00	7.01	35.98	0.15	7.20	10.82	4.14
SQU-DS	2025-05-16 01:00:00	6.98	35.91	0.16	7.19	10.83	4.65
SQU-DS	2025-05-16 01:15:00	6.96	35.93	0.17	7.19	10.79	5.40
SQU-DS	2025-05-16 01:30:00	6.95	35.69	0.12	7.20	10.80	3.54
SQU-DS	2025-05-16 01:45:00	6.94	35.30	0.14	7.20	10.89	5.11
SQU-DS	2025-05-16 02:00:00	6.92	35.38	0.15	7.19	10.86	5.66
SQU-DS	2025-05-16 02:15:00	6.90	35.20	0.16	7.20	10.87	4.63
SQU-DS	2025-05-16 02:30:00	6.88	35.77	0.14	7.23	10.85	5.32
SQU-DS	2025-05-16 02:45:00	6.86	35.62	0.15	7.20	10.88	4.52
SQU-DS	2025-05-16 03:00:00	6.85	35.40	0.16	7.19	10.93	4.90
SQU-DS	2025-05-16 03:15:00	6.84	35.25	0.17	7.18	10.94	4.25
SQU-DS	2025-05-16 03:30:00	6.82	34.79	0.12	7.18	10.90	7.99
SQU-DS	2025-05-16 03:45:00	6.79	34.90	0.14	7.20	10.99	4.02
SQU-DS	2025-05-16 04:00:00	6.77	34.93	0.15	7.20	10.98	4.93
SQU-DS	2025-05-16 04:15:00	6.76	35.08	0.16	7.20	10.98	4.76
SQU-DS	2025-05-16 04:30:00	6.74	35.31	0.13	7.25	10.90	4.55
SQU-DS	2025-05-16 04:45:00	6.72	34.97	0.15	7.19	10.79	4.65
SQU-DS	2025-05-16 05:00:00	6.70	35.18	0.16	7.19	10.85	3.70
SQU-DS	2025-05-16 05:15:00	6.69	35.20	0.16	7.21	10.80	6.60
SQU-DS	2025-05-16 05:30:00	6.67	34.53	0.12	7.20	10.94	5.42
SQU-DS	2025-05-16 05:45:00	6.65	34.69	0.14	7.18	10.99	4.14
SQU-DS	2025-05-16 06:00:00	6.64	34.69	0.15	7.20	10.97	4.46
SQU-DS	2025-05-16 06:15:00	6.63	34.81	0.16	7.18	10.90	6.18
SQU-DS	2025-05-16 06:30:00	6.60	35.22	0.14	7.21	10.94	8.28
SQU-DS	2025-05-16 06:45:00	6.59	35.38	0.15	7.20	10.96	6.81
SQU-DS	2025-05-16 07:00:00	6.57	35.36	0.16	7.20	10.97	2.90
SQU-DS	2025-05-16 07:15:00	6.57	35.28	0.17	7.17	10.90	4.01
SQU-DS	2025-05-16 07:30:00	6.56	34.79	0.13	7.20	10.96	6.36
SQU-DS	2025-05-16 07:45:00	6.57	34.89	0.15	7.21	11.02	4.74
SQU-DS	2025-05-16 08:00:00	6.57	35.03	0.16	7.14	11.03	3.52
SQU-DS	2025-05-16 08:15:00	6.58	35.35	0.17	7.21	10.94	3.11
SQU-DS	2025-05-16 08:30:00	6.60	36.07	0.13	7.24	11.01	3.45
SQU-DS	2025-05-16 08:45:00	6.64	36.00	0.15	7.22	10.95	4.35
SQU-DS	2025-05-16 09:00:00	6.68	36.09	0.16	7.21	10.87	4.73
SQU-DS	2025-05-16 09:15:00	6.73	35.95	0.17	7.20	10.93	9.35
SQU-DS	2025-05-16 09:30:00	6.78	35.21	0.13	7.21	11.03	4.32
SQU-DS	2025-05-16 09:45:00	6.82	35.36	0.14	7.21	11.13	4.12
SQU-DS	2025-05-16 10:00:00	6.85	35.33	0.15	7.20	11.12	4.15
SQU-DS	2025-05-16 10:15:00	6.88	35.65	0.16	7.19	11.10	4.13
SQU-DS	2025-05-16 10:30:00	6.93	36.47	0.14	7.24	11.13	5.04
SQU-DS	2025-05-16 10:45:00	7.00	36.43	0.16	7.20	11.10	3.64
SQU-DS	2025-05-16 11:00:00	7.05	36.40	0.16	7.21	10.92	7.65
SQU-DS	2025-05-16 11:15:00	7.08	36.38	0.17	7.20	10.93	5.19
SQU-DS	2025-05-16 11:30:00	7.11	35.80	0.13	7.23	10.92	4.40
SQU-DS	2025-05-16 11:45:00	7.14	35.73	0.15	7.21	10.99	5.35
SQU-DS	2025-05-16 12:00:00	7.20	35.91	0.16	7.22	10.92	3.77
SQU-DS	2025-05-16 12:15:00	7.25	36.02	0.17	7.22	10.85	3.06
SQU-DS	2025-05-16 12:30:00	7.31	36.60	0.14	7.25	11.04	5.06
SQU-DS	2025-05-16 12:45:00	7.35	36.48	0.15	7.24	10.81	3.61
SQU-DS	2025-05-16 13:00:00	7.40	36.43	0.17	7.23	10.74	2.99
SQU-DS	2025-05-16 13:15:00	7.46	36.33	0.17	7.23	10.63	4.10
SQU-DS	2025-05-16 13:30:00	7.53	35.97	0.12	7.22	10.83	3.13
SQU-DS	2025-05-16 13:45:00	7.60	35.91	0.15	7.23	10.96	5.29

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-16 14:00:00	7.67	35.98	0.16	7.22	10.91	2.02
SQU-DS	2025-05-16 14:15:00	7.71	36.08	0.17	7.22	10.78	5.74
SQU-DS	2025-05-16 14:30:00	7.74	36.88	0.13	7.27	10.92	4.78
SQU-DS	2025-05-16 14:45:00	7.77	36.68	0.15	7.25	10.61	4.41
SQU-DS	2025-05-16 15:00:00	7.80	36.72	0.16	7.24	10.76	1.93
SQU-DS	2025-05-16 15:15:00	7.83	37.02	0.17	7.24	10.67	2.79
SQU-DS	2025-05-16 15:30:00	7.89	36.66	0.12	7.24	10.77	4.53
SQU-DS	2025-05-16 15:45:00	7.91	36.48	0.14	7.24	10.90	4.73
SQU-DS	2025-05-16 16:00:00	7.93	36.51	0.16	7.22	10.85	3.20
SQU-DS	2025-05-16 16:15:00	7.94	36.73	0.16	7.25	10.75	9.79
SQU-DS	2025-05-16 16:30:00	7.95	37.51	0.14	7.30	10.82	8.28
SQU-DS	2025-05-16 16:45:00	7.95	37.48	0.15	7.26	10.57	2.97
SQU-DS	2025-05-16 17:00:00	7.94	37.78	0.16	7.23	10.66	3.82
SQU-DS	2025-05-16 17:15:00	7.93	37.68	0.17	7.23	10.44	2.58
SQU-DS	2025-05-16 17:30:00	7.94	36.99	0.12	7.24	10.63	4.24
SQU-DS	2025-05-16 17:45:00	7.93	37.03	0.15	7.24	10.65	2.57
SQU-DS	2025-05-16 18:00:00	7.92	37.08	0.16	7.24	10.65	2.24
SQU-DS	2025-05-16 18:15:00	7.94	37.14	0.17	7.23	10.60	2.13
SQU-DS	2025-05-16 18:30:00	7.94	37.79	0.15	7.24	10.80	4.99
SQU-DS	2025-05-16 18:45:00	7.96	37.59	0.16	7.25	10.71	2.67
SQU-DS	2025-05-16 19:00:00	7.96	37.62	0.17	7.22	10.64	2.22
SQU-DS	2025-05-16 19:15:00	7.96	37.82	0.17	7.24	10.73	4.69
SQU-DS	2025-05-16 19:30:00	7.97	37.16	0.13	7.26	10.60	4.03
SQU-DS	2025-05-16 19:45:00	7.97	37.01	0.15	7.26	10.71	2.90
SQU-DS	2025-05-16 20:00:00	7.96	36.96	0.16	7.27	10.63	3.60
SQU-DS	2025-05-16 20:15:00	7.94	36.97	0.17	7.26	10.44	3.93
SQU-DS	2025-05-16 20:30:00	7.92	37.49	0.15	7.27	10.65	3.81
SQU-DS	2025-05-16 20:45:00	7.90	37.54	0.16	7.29	10.59	3.39
SQU-DS	2025-05-16 21:00:00	7.86	37.54	0.17	7.26	10.60	2.99
SQU-DS	2025-05-16 21:15:00	7.84	37.48	0.18	7.25	10.37	1.88
SQU-DS	2025-05-16 21:30:00	7.81	36.68	0.14	7.27	10.54	3.16
SQU-DS	2025-05-16 21:45:00	7.77	36.57	0.16	7.26	10.42	1.72
SQU-DS	2025-05-16 22:00:00	7.72	36.73	0.17	7.24	10.30	6.76
SQU-DS	2025-05-16 22:15:00	7.70	36.82	0.18	7.20	10.26	3.00
SQU-DS	2025-05-16 22:30:00	7.68	37.74	0.14	7.25	10.57	3.54
SQU-DS	2025-05-16 22:45:00	7.63	37.91	0.15	7.26	10.65	1.55
SQU-DS	2025-05-16 23:00:00	7.63	38.06	0.16	7.23	10.25	2.20
SQU-DS	2025-05-16 23:15:00	7.59	38.26	0.17	7.24	10.33	1.56
SQU-DS	2025-05-16 23:30:00	7.59	37.74	0.12	7.23	10.65	3.13
SQU-DS	2025-05-16 23:45:00	7.56	38.07	0.14	7.22	10.69	2.39
SQU-DS	2025-05-17 00:00:00	7.56	38.16	0.16	7.20	10.58	2.79
SQU-DS	2025-05-17 00:15:00	7.55	38.42	0.16	7.23	10.57	4.00
SQU-DS	2025-05-17 00:30:00	7.51	39.03	0.14	7.24	10.60	3.70
SQU-DS	2025-05-17 00:45:00	7.49	39.17	0.15	7.21	10.72	38.52
SQU-DS	2025-05-17 01:00:00	7.46	39.28	0.16	7.19	10.53	1.93
SQU-DS	2025-05-17 01:15:00	7.46	39.38	0.17	7.20	10.58	1.04
SQU-DS	2025-05-17 01:30:00	7.45	38.69	0.13	7.22	10.50	3.76
SQU-DS	2025-05-17 01:45:00	7.42	38.31	0.15	7.20	10.62	1.79
SQU-DS	2025-05-17 02:00:00	7.40	38.35	0.16	7.21	10.57	2.16
SQU-DS	2025-05-17 02:15:00	7.37	38.54	0.17	7.20	10.33	1.77
SQU-DS	2025-05-17 02:30:00	7.34	38.77	0.13	7.23	10.54	4.10
SQU-DS	2025-05-17 02:45:00	7.31	38.56	0.15	7.21	10.69	4.94
SQU-DS	2025-05-17 03:00:00	7.28	38.55	0.16	7.19	10.72	4.22
SQU-DS	2025-05-17 03:15:00	7.27	38.76	0.17	7.19	10.71	3.39
SQU-DS	2025-05-17 03:30:00	7.24	36.66	0.12	7.20	10.75	1.94

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-17 03:45:00	7.21	36.71	0.15	7.19	10.78	2.84
SQU-DS	2025-05-17 04:00:00	7.17	36.63	0.16	7.18	10.47	2.70
SQU-DS	2025-05-17 04:15:00	7.16	36.66	0.17	7.20	10.27	2.40
SQU-DS	2025-05-17 04:30:00	7.15	38.02	0.12	7.26	10.66	3.55
SQU-DS	2025-05-17 04:45:00	7.12	37.88	0.15	7.23	10.81	4.17
SQU-DS	2025-05-17 05:00:00	7.10	37.75	0.16	7.21	10.81	3.45
SQU-DS	2025-05-17 05:15:00	7.08	37.67	0.17	7.19	10.78	4.27
SQU-DS	2025-05-17 05:30:00	7.06	37.06	0.14	7.21	10.50	2.41
SQU-DS	2025-05-17 05:45:00	7.04	37.05	0.15	7.21	10.55	2.23
SQU-DS	2025-05-17 06:00:00	7.01	37.03	0.16	7.20	10.45	1.84
SQU-DS	2025-05-17 06:15:00	6.99	36.94	0.17	7.20	10.29	1.97
SQU-DS	2025-05-17 06:30:00	6.98	37.85	0.14	7.25	10.67	2.51
SQU-DS	2025-05-17 06:45:00	6.97	37.68	0.16	7.22	10.51	1.75
SQU-DS	2025-05-17 07:00:00	6.97	37.66	0.17	7.21	10.64	2.21
SQU-DS	2025-05-17 07:15:00	6.95	37.62	0.18	7.21	10.75	1.70
SQU-DS	2025-05-17 07:30:00	6.96	36.96	0.14	7.22	10.56	4.31
SQU-DS	2025-05-17 07:45:00	6.95	36.83	0.16	7.21	10.45	1.95
SQU-DS	2025-05-17 08:00:00	6.96	36.93	0.17	7.22	10.44	0.94
SQU-DS	2025-05-17 08:15:00	6.97	36.86	0.17	7.23	10.43	4.31
SQU-DS	2025-05-17 08:30:00	6.97	37.33	0.15	7.26	10.85	4.40
SQU-DS	2025-05-17 08:45:00	6.96	37.53	0.16	7.23	10.90	1.36
SQU-DS	2025-05-17 09:00:00	6.99	37.57	0.17	7.20	10.96	2.80
SQU-DS	2025-05-17 09:15:00	7.00	37.75	0.18	7.21	10.93	1.93
SQU-DS	2025-05-17 09:30:00	6.99	37.19	0.13	7.23	10.66	4.12
SQU-DS	2025-05-17 09:45:00	6.99	36.92	0.15	7.23	10.60	2.81
SQU-DS	2025-05-17 10:00:00	6.99	36.84	0.16	7.22	10.56	1.98
SQU-DS	2025-05-17 10:15:00	7.00	37.03	0.17	7.21	10.43	2.20
SQU-DS	2025-05-17 10:30:00	7.01	37.70	0.15	7.25	10.78	4.09
SQU-DS	2025-05-17 10:45:00	7.02	37.78	0.16	7.26	10.82	3.70
SQU-DS	2025-05-17 11:00:00	7.04	37.71	0.17	7.24	10.76	3.07
SQU-DS	2025-05-17 11:15:00	7.04	37.81	0.18	7.22	10.76	3.10
SQU-DS	2025-05-17 11:30:00	7.06	37.11	0.14	7.22	10.61	2.28
SQU-DS	2025-05-17 11:45:00	7.07	37.18	0.16	7.20	10.66	2.80
SQU-DS	2025-05-17 12:00:00	7.09	37.13	0.17	7.21	10.54	3.11
SQU-DS	2025-05-17 12:15:00	7.12	37.01	0.17	7.21	10.47	2.74
SQU-DS	2025-05-17 12:30:00	7.17	37.96	0.16	7.23	10.83	3.40
SQU-DS	2025-05-17 12:45:00	7.22	37.89	0.17	7.23	10.76	2.60
SQU-DS	2025-05-17 13:00:00	7.24	37.82	0.18	7.23	10.83	1.61
SQU-DS	2025-05-17 13:15:00	7.26	37.69	0.18	7.23	10.88	2.44
SQU-DS	2025-05-17 13:30:00	7.29	36.97	0.14	7.24	10.69	3.08
SQU-DS	2025-05-17 13:45:00	7.34	36.91	0.16	7.23	10.72	2.08
SQU-DS	2025-05-17 14:00:00	7.37	36.99	0.17	7.22	10.59	4.90
SQU-DS	2025-05-17 14:15:00	7.44	36.71	0.18	7.23	10.56	1.74
SQU-DS	2025-05-17 14:30:00	7.50	37.93	0.15	7.27	10.84	3.24
SQU-DS	2025-05-17 14:45:00	7.57	37.71	0.16	7.30	10.69	2.37
SQU-DS	2025-05-17 15:00:00	7.65	37.71	0.17	7.28	10.53	3.52
SQU-DS	2025-05-17 15:15:00	7.72	37.53	0.18	7.23	10.67	3.63
SQU-DS	2025-05-17 15:30:00	7.75	37.15	0.13	7.25	10.66	5.07
SQU-DS	2025-05-17 15:45:00	7.79	36.74	0.16	7.26	10.68	2.11
SQU-DS	2025-05-17 16:00:00	7.82	36.99	0.17	7.26	10.60	3.18
SQU-DS	2025-05-17 16:15:00	7.80	36.84	0.18	7.25	10.56	1.41
SQU-DS	2025-05-17 16:30:00	7.77	37.69	0.14	7.29	10.80	6.72
SQU-DS	2025-05-17 16:45:00	7.74	37.64	0.16	7.28	10.57	1.56
SQU-DS	2025-05-17 17:00:00	7.73	37.71	0.17	7.26	10.34	1.31
SQU-DS	2025-05-17 17:15:00	7.73	37.55	0.18	7.27	10.81	2.65

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-17 17:30:00	7.75	36.76	0.13	7.25	10.46	2.83
SQU-DS	2025-05-17 17:45:00	7.75	36.83	0.15	7.27	10.40	2.46
SQU-DS	2025-05-17 18:00:00	7.72	36.83	0.16	7.24	10.31	3.00
SQU-DS	2025-05-17 18:15:00	7.69	36.74	0.17	7.25	10.15	1.78
SQU-DS	2025-05-17 18:30:00	7.68	37.21	0.14	7.28	10.60	22.21
SQU-DS	2025-05-17 18:45:00	7.66	37.36	0.16	7.27	10.45	2.42
SQU-DS	2025-05-17 19:00:00	7.62	37.46	0.17	7.25	10.41	3.51
SQU-DS	2025-05-17 19:15:00	7.60	37.76	0.18	7.24	10.50	1.45
SQU-DS	2025-05-17 19:30:00	7.55	36.86	0.13	7.24	10.47	3.78
SQU-DS	2025-05-17 19:45:00	7.53	36.87	0.15	7.25	10.42	4.67
SQU-DS	2025-05-17 20:00:00	7.51	36.76	0.16	7.23	10.31	3.78
SQU-DS	2025-05-17 20:15:00	7.48	36.74	0.17	7.25	10.02	4.00
SQU-DS	2025-05-17 20:30:00	7.46	37.61	0.16	7.29	10.61	5.38
SQU-DS	2025-05-17 20:45:00	7.45	37.16	0.17	7.31	10.75	3.50
SQU-DS	2025-05-17 21:00:00	7.43	37.12	0.17	7.31	10.26	5.31
SQU-DS	2025-05-17 21:15:00	7.41	36.86	0.18	7.31	10.66	9.80
SQU-DS	2025-05-17 21:30:00	7.38	36.03	0.13	7.26	10.51	2.45
SQU-DS	2025-05-17 21:45:00	7.37	35.76	0.16	7.28	10.54	2.85
SQU-DS	2025-05-17 22:00:00	7.33	35.77	0.17	7.28	10.49	4.84
SQU-DS	2025-05-17 22:15:00	7.30	35.68	0.18	7.27	10.38	4.66
SQU-DS	2025-05-17 22:30:00	7.25	36.14	0.16	7.28	10.58	8.04
SQU-DS	2025-05-17 22:45:00	7.22	36.06	0.17	7.29	10.76	5.94
SQU-DS	2025-05-17 23:00:00	7.20	36.15	0.18	7.25	10.53	8.02
SQU-DS	2025-05-17 23:15:00	7.17	36.44	0.18	7.26	10.77	6.36
SQU-DS	2025-05-17 23:30:00	7.13	35.64	0.15	7.23	10.60	5.68
SQU-DS	2025-05-17 23:45:00	7.08	35.30	0.17	7.26	10.60	5.82
SQU-DS	2025-05-18 00:00:00	7.06	35.60	0.17	7.25	10.40	5.27
SQU-DS	2025-05-18 00:15:00	7.03	35.92	0.18	7.25	10.16	6.94
SQU-DS	2025-05-18 00:30:00	7.00	36.52	0.14	7.41	10.61	6.66
SQU-DS	2025-05-18 00:45:00	6.95	36.68	0.16	7.29	10.70	9.08
SQU-DS	2025-05-18 01:00:00	6.92	36.72	0.17	7.24	10.52	7.45
SQU-DS	2025-05-18 01:15:00	6.87	36.68	0.18	7.23	10.69	9.19
SQU-DS	2025-05-18 01:30:00	6.82	35.26	0.13	7.19	10.49	9.77
SQU-DS	2025-05-18 01:45:00	6.80	35.56	0.16	7.21	10.27	9.79
SQU-DS	2025-05-18 02:00:00	6.81	35.71	0.17	7.21	10.11	12.86
SQU-DS	2025-05-18 02:15:00	6.77	35.33	0.17	7.22	9.95	11.40
SQU-DS	2025-05-18 02:30:00	6.73	36.52	0.15	7.33	10.71	11.29
SQU-DS	2025-05-18 02:45:00	6.71	35.90	0.16	7.27	10.91	14.96
SQU-DS	2025-05-18 03:00:00	6.67	35.62	0.18	7.23	10.94	10.38
SQU-DS	2025-05-18 03:15:00	6.67	35.37	0.18	7.23	10.92	9.79
SQU-DS	2025-05-18 03:30:00	6.63	33.62	0.14	7.22	10.39	13.01
SQU-DS	2025-05-18 03:45:00	6.60	33.43	0.16	7.22	9.90	9.71
SQU-DS	2025-05-18 04:00:00	6.57	33.65	0.17	7.20	9.43	12.41
SQU-DS	2025-05-18 04:15:00	6.56	33.50	0.17	7.19	8.93	15.96
SQU-DS	2025-05-18 04:30:00	6.51	33.94	0.16	7.29	10.59	12.97
SQU-DS	2025-05-18 04:45:00	6.48	33.70	0.17	7.32	11.01	6.47
SQU-DS	2025-05-18 05:00:00	6.45	33.54	0.18	7.33	11.08	8.08
SQU-DS	2025-05-18 05:15:00	6.43	33.55	0.18	7.34	11.07	8.10
SQU-DS	2025-05-18 05:30:00	6.43	37.30	0.14	7.26	10.94	10.07
SQU-DS	2025-05-18 05:45:00	6.39	35.99	0.16	7.21	11.04	7.67
SQU-DS	2025-05-18 06:00:00	6.36	34.86	0.17	7.21	11.12	5.63
SQU-DS	2025-05-18 06:15:00	6.33	35.11	0.17	7.21	11.11	7.33
SQU-DS	2025-05-18 06:30:00	6.30	33.16	0.15	7.29	10.76	11.53
SQU-DS	2025-05-18 06:45:00	6.27	32.98	0.16	7.31	11.04	4.77
SQU-DS	2025-05-18 07:00:00	6.27	32.90	0.17	7.33	11.00	11.36

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-18 07:15:00	6.25	32.80	0.18	7.34	11.06	7.70
SQU-DS	2025-05-18 07:30:00	6.24	31.69	0.14	7.26	9.98	9.36
SQU-DS	2025-05-18 07:45:00	6.25	31.39	0.16	7.21	8.68	8.93
SQU-DS	2025-05-18 08:00:00	6.26	31.42	0.17	7.22	7.79	7.12
SQU-DS	2025-05-18 08:15:00	6.31	31.47	0.18	7.23	7.03	13.62
SQU-DS	2025-05-18 08:30:00	6.34	32.89	0.15	7.34	10.18	8.63
SQU-DS	2025-05-18 08:45:00	6.41	32.42	0.16	7.40	11.17	11.12
SQU-DS	2025-05-18 09:00:00	6.46	32.46	0.17	7.41	10.96	6.23
SQU-DS	2025-05-18 09:15:00	6.51	32.51	0.18	7.41	11.13	5.04
SQU-DS	2025-05-18 09:30:00	6.53	34.12	0.16	7.27	11.06	9.67
SQU-DS	2025-05-18 09:45:00	6.56	34.07	0.16	7.25	11.30	6.69
SQU-DS	2025-05-18 10:00:00	6.63	34.87	0.17	7.20	11.29	6.82
SQU-DS	2025-05-18 10:15:00	6.71	35.87	0.18	7.24	11.19	6.24
SQU-DS	2025-05-18 10:30:00	6.80	32.48	0.15	7.34	10.83	5.61
SQU-DS	2025-05-18 10:45:00	6.89	32.50	0.16	7.39	10.61	6.41
SQU-DS	2025-05-18 11:00:00	6.98	32.38	0.17	7.40	10.56	6.29
SQU-DS	2025-05-18 11:15:00	7.04	32.71	0.18	7.39	10.61	5.03
SQU-DS	2025-05-18 11:30:00	7.10	32.81	0.15	7.26	9.59	6.24
SQU-DS	2025-05-18 11:45:00	7.15	32.45	0.17	7.25	8.82	4.99
SQU-DS	2025-05-18 12:00:00	7.18	32.57	0.18	7.24	8.20	4.24
SQU-DS	2025-05-18 12:15:00	7.26	32.36	0.18	7.23	7.62	4.30
SQU-DS	2025-05-18 12:30:00	7.34	33.12	0.15	7.26	10.22	9.57
SQU-DS	2025-05-18 12:45:00	7.44	32.60	0.16	7.33	10.76	7.53
SQU-DS	2025-05-18 13:00:00	7.54	32.62	0.18	7.32	10.64	4.48
SQU-DS	2025-05-18 13:15:00	7.64	32.70	0.19	7.34	10.89	7.83
SQU-DS	2025-05-18 13:30:00	7.70	33.11	0.15	7.28	9.32	7.84
SQU-DS	2025-05-18 13:45:00	7.75	32.92	0.17	7.23	7.80	4.67
SQU-DS	2025-05-18 14:00:00	7.81	33.31	0.18	7.24	6.67	4.75
SQU-DS	2025-05-18 14:15:00	7.91	33.52	0.18	7.24	5.75	7.22
SQU-DS	2025-05-18 14:30:00	8.03	33.50	0.15	7.23	9.92	5.15
SQU-DS	2025-05-18 14:45:00	8.11	33.20	0.17	7.27	10.81	7.17
SQU-DS	2025-05-18 15:00:00	8.18	33.11	0.18	7.27	10.67	6.04
SQU-DS	2025-05-18 15:15:00	8.23	33.36	0.19	7.23	10.64	7.31
SQU-DS	2025-05-18 15:30:00	8.25	31.46	0.17	7.25	9.26	4.95
SQU-DS	2025-05-18 15:45:00	8.30	30.98	0.18	7.25	8.23	7.68
SQU-DS	2025-05-18 16:00:00	8.37	31.17	0.18	7.25	7.49	29.07
SQU-DS	2025-05-18 16:15:00	8.40	31.28	0.19	7.24	6.79	7.07
SQU-DS	2025-05-18 16:30:00	8.43	33.91	0.16	7.35	9.94	6.05
SQU-DS	2025-05-18 16:45:00	8.42	33.63	0.17	7.33	10.38	5.69
SQU-DS	2025-05-18 17:00:00	8.36	33.63	0.18	7.37	10.50	4.97
SQU-DS	2025-05-18 17:15:00	8.30	33.68	0.19	7.33	10.77	7.62
SQU-DS	2025-05-18 17:30:00	8.27	33.09	0.17	7.31	8.80	8.74
SQU-DS	2025-05-18 17:45:00	8.27	33.19	0.17	7.24	7.85	3.56
SQU-DS	2025-05-18 18:00:00	8.29	33.35	0.18	7.25	7.25	3.18
SQU-DS	2025-05-18 18:15:00	8.29	33.80	0.19	7.24	6.69	4.96
SQU-DS	2025-05-18 18:30:00	8.20	34.35	0.16	7.28	9.46	5.75
SQU-DS	2025-05-18 18:45:00	8.11	34.00	0.18	7.24	10.18	7.56
SQU-DS	2025-05-18 19:00:00	8.04	34.02	0.18	7.33	10.37	3.76
SQU-DS	2025-05-18 19:15:00	8.01	34.25	0.19	7.31	10.26	4.60
SQU-DS	2025-05-18 19:30:00	7.96	33.94	0.17	7.29	8.59	5.30
SQU-DS	2025-05-18 19:45:00	7.92	33.43	0.18	7.23	7.35	6.59
SQU-DS	2025-05-18 20:00:00	7.89	33.57	0.19	7.22	6.48	7.63
SQU-DS	2025-05-18 20:15:00	7.86	33.74	0.19	7.22	5.70	4.35
SQU-DS	2025-05-18 20:30:00	7.84	35.00	0.16	7.29	9.20	7.57
SQU-DS	2025-05-18 20:45:00	7.81	34.59	0.18	7.32	9.95	3.54

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-18 21:00:00	7.79	34.50	0.19	7.30	10.15	4.27
SQU-DS	2025-05-18 21:15:00	7.76	34.52	0.20	7.27	10.00	6.85
SQU-DS	2025-05-18 21:30:00	7.71	34.09	0.16	7.31	9.18	6.36
SQU-DS	2025-05-18 21:45:00	7.67	34.39	0.18	7.17	8.11	3.89
SQU-DS	2025-05-18 22:00:00	7.65	34.52	0.18	7.23	7.46	3.63
SQU-DS	2025-05-18 22:15:00	7.64	34.68	0.19	7.24	6.83	5.72
SQU-DS	2025-05-18 22:30:00	7.61	34.74	0.16	7.21	9.43	24.47
SQU-DS	2025-05-18 22:45:00	7.56	34.11	0.18	7.28	10.51	5.02
SQU-DS	2025-05-18 23:00:00	7.53	34.17	0.19	7.30	10.48	3.39
SQU-DS	2025-05-18 23:15:00	7.50	34.18	0.19	7.28	10.41	4.79
SQU-DS	2025-05-18 23:30:00	7.47	33.14	0.16	7.23	9.01	2.35
SQU-DS	2025-05-18 23:45:00	7.42	34.22	0.17	7.24	7.92	3.39
SQU-US	2025-05-12 00:00:00	7.61	43.88	0.26	7.04	11.17	2.92
SQU-US	2025-05-12 00:15:00	7.56	43.59	0.22	7.09	11.20	1.69
SQU-US	2025-05-12 00:30:00	7.52	43.58	0.22	7.08	11.21	1.79
SQU-US	2025-05-12 00:45:00	7.47	42.97	0.22	7.07	11.23	1.43
SQU-US	2025-05-12 01:00:00	7.42	42.96	0.22	7.07	11.24	2.11
SQU-US	2025-05-12 01:15:00	7.37	42.82	0.23	7.06	11.24	2.68
SQU-US	2025-05-12 01:30:00	7.32	42.60	0.25	7.05	11.27	5.16
SQU-US	2025-05-12 01:45:00	7.26	42.56	0.26	7.04	11.26	1.96
SQU-US	2025-05-12 02:00:00	7.22	42.54	0.26	7.06	11.28	3.14
SQU-US	2025-05-12 02:15:00	7.18	42.58	0.24	7.08	11.29	4.11
SQU-US	2025-05-12 02:30:00	7.13	42.31	0.23	7.08	11.30	1.57
SQU-US	2025-05-12 02:45:00	7.07	42.19	0.22	7.03	11.33	2.77
SQU-US	2025-05-12 03:00:00	7.03	42.11	0.22	7.10	11.35	1.98
SQU-US	2025-05-12 03:15:00	6.99	41.84	0.23	7.05	11.36	2.74
SQU-US	2025-05-12 03:30:00	6.94	41.79	0.25	7.06	11.38	2.40
SQU-US	2025-05-12 03:45:00	6.90	41.80	0.26	7.06	11.39	3.90
SQU-US	2025-05-12 04:00:00	6.85	41.39	0.26	7.07	11.40	3.90
SQU-US	2025-05-12 04:15:00	6.80	41.21	0.22	7.10	11.41	2.42
SQU-US	2025-05-12 04:30:00	6.74	41.47	0.23	7.07	11.43	1.62
SQU-US	2025-05-12 04:45:00	6.69	41.25	0.23	7.09	11.45	2.98
SQU-US	2025-05-12 05:00:00	6.64	41.23	0.23	7.10	11.45	1.91
SQU-US	2025-05-12 05:15:00	6.60	41.27	0.24	7.06	11.48	1.35
SQU-US	2025-05-12 05:30:00	6.54	41.60	0.25	7.05	11.48	1.95
SQU-US	2025-05-12 05:45:00	6.53	42.09	0.26	7.06	11.47	3.18
SQU-US	2025-05-12 06:00:00	6.51	42.57	0.26	7.04	11.47	3.23
SQU-US	2025-05-12 06:15:00	6.47	43.10	0.22	7.09	11.46	1.08
SQU-US	2025-05-12 06:30:00	6.45	43.32	0.22	7.10	11.47	2.06
SQU-US	2025-05-12 06:45:00	6.45	43.52	0.23	7.08	11.47	4.67
SQU-US	2025-05-12 07:00:00	6.44	43.75	0.23	7.07	11.48	0.99
SQU-US	2025-05-12 07:15:00	6.42	43.57	0.24	7.05	11.50	2.75
SQU-US	2025-05-12 07:30:00	6.41	43.42	0.25	7.05	11.53	3.96
SQU-US	2025-05-12 07:45:00	6.42	42.78	0.26	7.06	11.56	2.05
SQU-US	2025-05-12 08:00:00	6.44	42.71	0.26	7.06	11.58	0.90
SQU-US	2025-05-12 08:15:00	6.49	42.50	0.24	7.08	11.58	0.79
SQU-US	2025-05-12 08:30:00	6.52	42.30	0.23	7.12	11.60	1.89
SQU-US	2025-05-12 08:45:00	6.57	42.28	0.23	7.12	11.62	2.84
SQU-US	2025-05-12 09:00:00	6.61	42.05	0.23	7.12	11.63	2.20
SQU-US	2025-05-12 09:15:00	6.68	42.08	0.24	7.08	11.63	1.57
SQU-US	2025-05-12 09:30:00	6.77	42.23	0.25	7.06	11.61	2.84
SQU-US	2025-05-12 09:45:00	6.83	42.52	0.27	7.05	11.62	1.99
SQU-US	2025-05-12 10:00:00	6.87	42.71	0.27	7.06	11.61	2.44
SQU-US	2025-05-12 10:15:00	6.96	42.78	0.25	7.05	11.63	1.78
SQU-US	2025-05-12 10:30:00	7.06	43.00	0.24	7.11	11.60	3.06

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-12 10:45:00	7.17	43.08	0.24	7.08	11.60	1.64
SQU-US	2025-05-12 11:00:00	7.25	42.62	0.24	7.13	11.60	2.35
SQU-US	2025-05-12 11:15:00	7.35	42.37	0.25	7.09	11.61	1.49
SQU-US	2025-05-12 11:30:00	7.45	42.53	0.26	7.09	11.58	1.10
SQU-US	2025-05-12 11:45:00	7.56	42.34	0.27	7.09	11.59	2.36
SQU-US	2025-05-12 12:00:00	7.66	42.17	0.27	7.09	11.58	1.40
SQU-US	2025-05-12 12:15:00	7.77	42.29	0.23	7.13	11.58	3.58
SQU-US	2025-05-12 12:30:00	7.88	42.53	0.23	7.10	11.55	3.26
SQU-US	2025-05-12 12:45:00	8.00	42.67	0.23	7.14	11.54	6.69
SQU-US	2025-05-12 13:00:00	8.11	42.64	0.23	7.16	11.53	2.74
SQU-US	2025-05-12 13:15:00	8.22	42.37	0.25	7.10	11.51	0.98
SQU-US	2025-05-12 13:30:00	8.34	42.36	0.26	7.11	11.50	2.96
SQU-US	2025-05-12 13:45:00	8.45	42.43	0.27	7.10	11.48	2.26
SQU-US	2025-05-12 14:00:00	8.54	42.33	0.28	7.11	11.46	1.92
SQU-US	2025-05-12 14:15:00	8.61	42.54	0.23	7.13	11.43	2.00
SQU-US	2025-05-12 14:30:00	8.68	42.43	0.23	7.14	11.44	1.99
SQU-US	2025-05-12 14:45:00	8.78	42.29	0.23	7.14	11.41	1.85
SQU-US	2025-05-12 15:00:00	8.93	42.54	0.24	7.15	11.39	2.02
SQU-US	2025-05-12 15:15:00	8.98	42.80	0.24	7.12	11.36	1.26
SQU-US	2025-05-12 15:30:00	9.07	42.57	0.26	7.11	11.34	1.13
SQU-US	2025-05-12 15:45:00	9.08	42.58	0.27	7.12	11.31	2.29
SQU-US	2025-05-12 16:00:00	8.99	42.51	0.27	7.10	11.30	2.46
SQU-US	2025-05-12 16:15:00	8.96	42.76	0.24	7.16	11.28	1.79
SQU-US	2025-05-12 16:30:00	9.13	42.92	0.24	7.13	11.27	0.96
SQU-US	2025-05-12 16:45:00	9.29	42.65	0.24	7.16	11.28	1.03
SQU-US	2025-05-12 17:00:00	9.37	42.53	0.23	7.19	11.24	3.23
SQU-US	2025-05-12 17:15:00	9.37	42.56	0.24	7.15	11.23	2.35
SQU-US	2025-05-12 17:30:00	9.40	42.17	0.26	7.15	11.23	5.16
SQU-US	2025-05-12 17:45:00	9.41	41.68	0.27	7.13	11.23	3.63
SQU-US	2025-05-12 18:00:00	9.38	41.94	0.27	7.13	11.21	1.25
SQU-US	2025-05-12 18:15:00	9.34	41.70	0.25	7.18	11.21	1.84
SQU-US	2025-05-12 18:30:00	9.27	41.38	0.24	7.19	11.21	1.43
SQU-US	2025-05-12 18:45:00	9.18	41.38	0.24	7.20	11.22	3.58
SQU-US	2025-05-12 19:00:00	9.12	41.29	0.24	7.20	11.22	6.37
SQU-US	2025-05-12 19:15:00	9.05	41.37	0.24	7.17	11.22	2.80
SQU-US	2025-05-12 19:30:00	8.96	41.66	0.26	7.17	11.20	1.62
SQU-US	2025-05-12 19:45:00	8.86	41.99	0.26	7.17	11.19	2.61
SQU-US	2025-05-12 20:00:00	8.76	42.92	0.27	7.13	11.17	1.24
SQU-US	2025-05-12 20:15:00	8.69	43.60	0.24	7.21	11.17	1.07
SQU-US	2025-05-12 20:30:00	8.64	44.79	0.23	7.16	11.14	0.58
SQU-US	2025-05-12 20:45:00	8.60	45.53	0.23	7.17	11.11	0.74
SQU-US	2025-05-12 21:00:00	8.59	46.92	0.23	7.14	11.07	2.22
SQU-US	2025-05-12 21:15:00	8.55	47.10	0.24	7.09	11.04	1.09
SQU-US	2025-05-12 21:30:00	8.54	46.18	0.25	7.09	11.02	1.52
SQU-US	2025-05-12 21:45:00	8.50	46.09	0.26	7.07	11.03	2.08
SQU-US	2025-05-12 22:00:00	8.47	46.29	0.27	7.09	11.02	2.28
SQU-US	2025-05-12 22:15:00	8.46	46.84	0.24	7.11	11.01	1.31
SQU-US	2025-05-12 22:30:00	8.47	46.90	0.23	7.09	11.01	0.88
SQU-US	2025-05-12 22:45:00	8.44	47.18	0.23	7.08	10.99	2.80
SQU-US	2025-05-12 23:00:00	8.41	46.35	0.23	7.12	10.99	3.49
SQU-US	2025-05-12 23:15:00	8.38	46.00	0.24	7.09	11.01	1.79
SQU-US	2025-05-12 23:30:00	8.36	45.37	0.25	7.09	11.01	2.14
SQU-US	2025-05-12 23:45:00	8.31	45.35	0.26	7.07	11.00	2.37
SQU-US	2025-05-13 00:00:00	8.28	44.41	0.26	7.07	11.03	2.98
SQU-US	2025-05-13 00:15:00	8.24	44.64	0.23	7.12	11.04	1.47

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-13 00:30:00	8.18	44.28	0.23	7.05	11.03	1.77
SQU-US	2025-05-13 00:45:00	8.14	43.85	0.23	7.07	11.06	5.13
SQU-US	2025-05-13 01:00:00	8.08	43.73	0.23	7.10	11.06	4.38
SQU-US	2025-05-13 01:15:00	8.02	43.44	0.24	7.07	11.08	3.33
SQU-US	2025-05-13 01:30:00	7.96	42.98	0.25	7.06	11.11	2.70
SQU-US	2025-05-13 01:45:00	7.88	43.08	0.26	7.06	11.12	2.25
SQU-US	2025-05-13 02:00:00	7.84	43.16	0.27	7.07	11.13	4.82
SQU-US	2025-05-13 02:15:00	7.76	42.74	0.24	7.06	11.17	5.22
SQU-US	2025-05-13 02:30:00	7.68	42.52	0.23	7.08	11.19	3.31
SQU-US	2025-05-13 02:45:00	7.61	42.25	0.22	7.10	11.21	3.00
SQU-US	2025-05-13 03:00:00	7.53	42.32	0.23	7.10	11.23	4.30
SQU-US	2025-05-13 03:15:00	7.47	42.28	0.24	7.07	11.26	3.27
SQU-US	2025-05-13 03:30:00	7.41	42.18	0.25	7.06	11.27	2.02
SQU-US	2025-05-13 03:45:00	7.34	42.15	0.26	7.07	11.28	1.74
SQU-US	2025-05-13 04:00:00	7.28	41.93	0.27	7.06	11.30	3.84
SQU-US	2025-05-13 04:15:00	7.22	41.56	0.21	7.11	11.33	3.68
SQU-US	2025-05-13 04:30:00	7.14	41.61	0.22	7.11	11.33	1.80
SQU-US	2025-05-13 04:45:00	7.07	41.36	0.21	7.11	11.37	2.95
SQU-US	2025-05-13 05:00:00	7.01	41.27	0.22		11.39	3.67
SQU-US	2025-05-13 05:15:00	6.95	41.13	0.23	7.07	11.42	2.96
SQU-US	2025-05-13 05:30:00	6.90	41.20	0.25	7.07	11.43	1.84
SQU-US	2025-05-13 05:45:00	6.83	41.49	0.26	7.06	11.45	2.36
SQU-US	2025-05-13 06:00:00	6.80	41.37	0.26	7.06	11.46	3.00
SQU-US	2025-05-13 06:15:00	6.77	42.20	0.22	7.10	11.47	1.53
SQU-US	2025-05-13 06:30:00	6.72	42.11	0.22	7.11	11.49	1.98
SQU-US	2025-05-13 06:45:00	6.70	42.94	0.23	7.07	11.49	4.43
SQU-US	2025-05-13 07:00:00	6.67	42.74	0.22	7.11	11.53	2.20
SQU-US	2025-05-13 07:15:00	6.66	42.43	0.24	7.08	11.55	3.07
SQU-US	2025-05-13 07:30:00	6.68	42.54	0.25	7.07	11.57	3.05
SQU-US	2025-05-13 07:45:00	6.70	42.82	0.26	7.08	11.56	2.22
SQU-US	2025-05-13 08:00:00	6.68	42.23	0.27	7.10	11.60	1.61
SQU-US	2025-05-13 08:15:00	6.69	41.87	0.24	7.13	11.61	2.31
SQU-US	2025-05-13 08:30:00	6.73	42.28	0.23	7.12	11.61	2.84
SQU-US	2025-05-13 08:45:00	6.76	41.69	0.23	7.08	11.64	12.00
SQU-US	2025-05-13 09:00:00	6.82	41.69	0.23	7.12	11.65	1.30
SQU-US	2025-05-13 09:15:00	6.88	41.53	0.24	7.09	11.65	2.78
SQU-US	2025-05-13 09:30:00	6.95	41.85	0.25	7.08	11.65	2.29
SQU-US	2025-05-13 09:45:00	7.04	41.72	0.26	7.09	11.66	1.48
SQU-US	2025-05-13 10:00:00	7.12	41.93	0.27	7.10	11.65	2.72
SQU-US	2025-05-13 10:15:00	7.22	41.72	0.24	7.15	11.66	1.94
SQU-US	2025-05-13 10:30:00	7.33	41.78	0.24	7.12	11.64	1.57
SQU-US	2025-05-13 10:45:00	7.44	41.40	0.24	7.12	11.64	2.92
SQU-US	2025-05-13 11:00:00	7.52	41.19	0.24	7.14	11.66	2.44
SQU-US	2025-05-13 11:15:00	7.62	40.80	0.25	7.11	11.65	1.58
SQU-US	2025-05-13 11:30:00	7.73	41.12	0.26	7.13	11.65	2.14
SQU-US	2025-05-13 11:45:00	7.85	41.02	0.27	7.12	11.64	3.26
SQU-US	2025-05-13 12:00:00	7.97	40.92	0.27	7.12	11.63	2.93
SQU-US	2025-05-13 12:15:00	8.05	41.03	0.26	7.12	11.62	2.53
SQU-US	2025-05-13 12:30:00	8.16	41.51	0.24	7.16	11.58	4.46
SQU-US	2025-05-13 12:45:00	8.29	41.23	0.24	7.17	11.57	3.20
SQU-US	2025-05-13 13:00:00	8.40	40.56	0.24	7.14	11.56	3.49
SQU-US	2025-05-13 13:15:00	8.49	40.63	0.24	7.14	11.56	2.54
SQU-US	2025-05-13 13:30:00	8.60	40.80	0.26	7.09	11.54	2.80
SQU-US	2025-05-13 13:45:00	8.71	40.61	0.27	7.14	11.53	2.77
SQU-US	2025-05-13 14:00:00	8.79	40.39	0.27	7.16	11.52	4.22

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-13 14:15:00	8.88	40.60	0.25	7.15	11.48	3.24
SQU-US	2025-05-13 14:30:00	8.97	40.38	0.24	7.19	11.47	3.20
SQU-US	2025-05-13 14:45:00	9.04	40.43	0.24	7.19	11.46	3.61
SQU-US	2025-05-13 15:00:00	9.13	41.27	0.24		11.41	2.05
SQU-US	2025-05-13 15:15:00	9.19	41.87	0.25	7.16	11.37	3.95
SQU-US	2025-05-13 15:30:00	9.21	41.46	0.26	7.15	11.38	3.39
SQU-US	2025-05-13 15:45:00	9.24	41.31	0.27	7.16	11.36	2.23
SQU-US	2025-05-13 16:00:00	9.28	41.44	0.27	7.15	11.35	2.60
SQU-US	2025-05-13 16:15:00	9.30	41.53	0.25	7.17	11.33	3.88
SQU-US	2025-05-13 16:30:00	9.34	41.56	0.24	7.15	11.32	4.43
SQU-US	2025-05-13 16:45:00	9.37	41.25	0.24	7.18	11.33	4.21
SQU-US	2025-05-13 17:00:00	9.42	41.18	0.24	7.19	11.30	3.27
SQU-US	2025-05-13 17:15:00	9.46	41.53	0.25	7.15	11.29	2.38
SQU-US	2025-05-13 17:30:00	9.50	41.38	0.26	7.18	11.28	2.76
SQU-US	2025-05-13 17:45:00	9.49	40.74	0.27	7.17	11.28	3.63
SQU-US	2025-05-13 18:00:00	9.47	40.94	0.27	7.17	11.26	3.44
SQU-US	2025-05-13 18:15:00	9.46	41.14	0.23	7.20	11.24	2.87
SQU-US	2025-05-13 18:30:00	9.44	40.29	0.23	7.14	11.24	2.76
SQU-US	2025-05-13 18:45:00	9.40	40.02	0.23	7.21	11.23	4.29
SQU-US	2025-05-13 19:00:00	9.34	39.93	0.23	7.21	11.23	10.02
SQU-US	2025-05-13 19:15:00	9.30	39.54	0.24	7.20	11.23	3.79
SQU-US	2025-05-13 19:30:00	9.24	39.72	0.26	7.18	11.21	2.79
SQU-US	2025-05-13 19:45:00	9.18	39.73	0.26	7.19	11.20	3.02
SQU-US	2025-05-13 20:00:00	9.16	39.77	0.27	7.19	11.18	2.62
SQU-US	2025-05-13 20:15:00	9.11	40.43	0.24	7.23	11.18	2.73
SQU-US	2025-05-13 20:30:00	9.04	40.85	0.23	7.22	11.16	1.55
SQU-US	2025-05-13 20:45:00	9.06	41.30	0.23	7.22	11.13	2.44
SQU-US	2025-05-13 21:00:00	9.06	43.60	0.23	7.20	11.07	1.98
SQU-US	2025-05-13 21:15:00	9.06	42.56	0.23	7.18	11.07	2.43
SQU-US	2025-05-13 21:30:00	9.02	43.35	0.25	7.16	11.04	4.18
SQU-US	2025-05-13 21:45:00	9.02	44.08	0.25	7.14	11.02	2.98
SQU-US	2025-05-13 22:00:00	9.02	44.61	0.26	7.11	10.97	4.33
SQU-US	2025-05-13 22:15:00	8.98	43.89	0.21	7.18	10.98	2.02
SQU-US	2025-05-13 22:30:00	8.97	43.97	0.21	7.16	10.97	3.87
SQU-US	2025-05-13 22:45:00	8.92	45.78	0.22	7.16	10.96	3.49
SQU-US	2025-05-13 23:00:00	8.89	45.28	0.21	7.15	10.96	4.29
SQU-US	2025-05-13 23:15:00	8.88	45.89	0.23	7.12	10.96	5.32
SQU-US	2025-05-13 23:30:00	8.85	45.49	0.24	7.10	10.97	4.96
SQU-US	2025-05-13 23:45:00	8.80	43.86	0.25	7.10	10.99	5.21
SQU-US	2025-05-14 00:00:00	8.75	43.15	0.26	7.12	10.98	5.11
SQU-US	2025-05-14 00:15:00	8.70	42.20	0.23	7.13	11.01	4.17
SQU-US	2025-05-14 00:30:00	8.64	42.47	0.22	7.16	11.02	4.78
SQU-US	2025-05-14 00:45:00	8.57	41.97	0.22	7.11	11.03	6.44
SQU-US	2025-05-14 01:00:00	8.50	41.33	0.22	7.13	11.05	5.45
SQU-US	2025-05-14 01:15:00	8.43	40.54	0.23	7.10	11.10	7.36
SQU-US	2025-05-14 01:30:00	8.34	40.43	0.25	7.09	11.12	7.86
SQU-US	2025-05-14 01:45:00	8.28	40.65	0.26	7.07	11.13	8.48
SQU-US	2025-05-14 02:00:00	8.19	39.98	0.26	7.09	11.16	5.48
SQU-US	2025-05-14 02:15:00	8.13	39.79	0.23	7.05	11.18	4.67
SQU-US	2025-05-14 02:30:00	8.06	39.31	0.22	7.12	11.18	9.02
SQU-US	2025-05-14 02:45:00	8.01	39.46	0.22	7.10	11.19	7.03
SQU-US	2025-05-14 03:00:00	7.93	39.17	0.22	7.11	11.21	7.13
SQU-US	2025-05-14 03:15:00	7.88	39.20	0.23	7.06	11.21	5.50
SQU-US	2025-05-14 03:30:00	7.82	38.74	0.25	7.07	11.24	5.30
SQU-US	2025-05-14 03:45:00	7.77	38.15	0.26	7.03	11.26	9.31

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-14 04:00:00	7.73	37.88	0.26	7.07	11.29	5.27
SQU-US	2025-05-14 04:15:00	7.68	38.03	0.23	7.08	11.29	5.49
SQU-US	2025-05-14 04:30:00	7.64	37.90	0.22	7.11	11.31	4.45
SQU-US	2025-05-14 04:45:00	7.60	37.47	0.21	7.12	11.33	4.34
SQU-US	2025-05-14 05:00:00	7.56	37.38	0.22	7.11	11.34	4.36
SQU-US	2025-05-14 05:15:00	7.51	37.13	0.23	7.07	11.36	6.06
SQU-US	2025-05-14 05:30:00	7.46	36.95	0.24	7.08	11.36	8.92
SQU-US	2025-05-14 05:45:00	7.41	36.91	0.25	7.10	11.38	6.03
SQU-US	2025-05-14 06:00:00	7.36	37.43	0.26	7.09	11.39	6.20
SQU-US	2025-05-14 06:15:00	7.32	37.06	0.21	7.14	11.42	4.67
SQU-US	2025-05-14 06:30:00	7.29	36.43	0.22	7.16	11.44	5.35
SQU-US	2025-05-14 06:45:00	7.26	36.32	0.22	7.11	11.47	6.81
SQU-US	2025-05-14 07:00:00	7.24	37.12	0.22	7.13	11.47	6.17
SQU-US	2025-05-14 07:15:00	7.24	37.35	0.24	7.07	11.45	5.78
SQU-US	2025-05-14 07:30:00	7.25	36.82	0.25	7.09	11.48	8.18
SQU-US	2025-05-14 07:45:00	7.25	37.18	0.26	7.07	11.47	9.42
SQU-US	2025-05-14 08:00:00	7.25	37.03	0.27	7.08	11.48	10.87
SQU-US	2025-05-14 08:15:00	7.23	36.58	0.22	7.07	11.52	7.42
SQU-US	2025-05-14 08:30:00	7.26	37.52	0.22	7.08	11.52	5.59
SQU-US	2025-05-14 08:45:00	7.31	37.01	0.22	7.12	11.54	6.99
SQU-US	2025-05-14 09:00:00	7.37	36.27	0.22	7.14	11.57	8.20
SQU-US	2025-05-14 09:15:00	7.43	36.35	0.24	7.10	11.56	4.87
SQU-US	2025-05-14 09:30:00	7.44	36.47	0.25	7.10	11.58	11.48
SQU-US	2025-05-14 09:45:00	7.48	36.66	0.26	7.11	11.58	9.38
SQU-US	2025-05-14 10:00:00	7.57	36.89	0.27	7.09	11.58	7.51
SQU-US	2025-05-14 10:15:00	7.63	36.95	0.22	7.14	11.57	4.56
SQU-US	2025-05-14 10:30:00	7.70	36.90	0.22	7.11	11.59	8.18
SQU-US	2025-05-14 10:45:00	7.78	36.81	0.21	7.17	11.58	7.50
SQU-US	2025-05-14 11:00:00	7.84	36.56	0.21	7.14	11.60	8.94
SQU-US	2025-05-14 11:15:00	7.88	36.23	0.23	7.12	11.59	8.85
SQU-US	2025-05-14 11:30:00	7.88	35.88	0.25	7.13	11.61	5.27
SQU-US	2025-05-14 11:45:00	8.00	36.17	0.26	7.15	11.58	7.77
SQU-US	2025-05-14 12:00:00	8.01	36.35	0.26		11.56	8.58
SQU-US	2025-05-14 12:15:00	8.01	35.19	0.22	7.16	11.59	6.92
SQU-US	2025-05-14 12:30:00	8.06	35.39	0.22	7.18	11.58	7.65
SQU-US	2025-05-14 12:45:00	8.15	36.68	0.22	7.11	11.53	7.61
SQU-US	2025-05-14 13:00:00	8.21	36.02	0.21	7.17	11.55	5.81
SQU-US	2025-05-14 13:15:00	8.26	35.40	0.23	7.10	11.55	8.06
SQU-US	2025-05-14 13:30:00	8.25	35.58	0.25	7.13	11.55	6.87
SQU-US	2025-05-14 13:45:00	8.30	35.56	0.26	7.15	11.53	7.50
SQU-US	2025-05-14 14:00:00	8.40	35.58	0.27	7.13	11.52	7.87
SQU-US	2025-05-14 14:15:00	8.51	35.59	0.21	7.19	11.49	7.09
SQU-US	2025-05-14 14:30:00	8.58	35.62	0.21	7.20	11.48	6.93
SQU-US	2025-05-14 14:45:00	8.64	35.80	0.22	7.13	11.46	6.61
SQU-US	2025-05-14 15:00:00	8.66	36.12	0.21	7.15	11.43	9.50
SQU-US	2025-05-14 15:15:00	8.76	36.22	0.23	7.12	11.42	6.63
SQU-US	2025-05-14 15:30:00	8.83	36.44	0.25	7.17	11.40	10.12
SQU-US	2025-05-14 15:45:00	8.89	35.97	0.26	7.14	11.40	8.31
SQU-US	2025-05-14 16:00:00	8.95	36.80	0.27		11.37	5.88
SQU-US	2025-05-14 16:15:00	9.00	36.01	0.23	7.11	11.38	8.09
SQU-US	2025-05-14 16:30:00	9.00	35.49	0.22	7.17	11.38	6.22
SQU-US	2025-05-14 16:45:00	9.07	36.09	0.22	7.20	11.36	5.97
SQU-US	2025-05-14 17:00:00	9.13	36.42	0.22	7.20	11.35	8.60
SQU-US	2025-05-14 17:15:00	9.16	36.79	0.23	7.16	11.34	7.34
SQU-US	2025-05-14 17:30:00	9.12	36.60	0.25	7.17	11.35	8.49

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-14 17:45:00	9.03	36.15	0.26	7.15	11.33	5.69
SQU-US	2025-05-14 18:00:00	8.92	36.38	0.27	7.13	11.33	7.76
SQU-US	2025-05-14 18:15:00	8.87	36.18	0.23	7.16	11.33	10.30
SQU-US	2025-05-14 18:30:00	8.85	36.17	0.23	7.18	11.33	8.65
SQU-US	2025-05-14 18:45:00	8.85	35.79	0.23	7.18	11.32	6.22
SQU-US	2025-05-14 19:00:00	8.83	35.20	0.23	7.20	11.34	7.65
SQU-US	2025-05-14 19:15:00	8.79	34.89	0.24	7.15	11.32	7.05
SQU-US	2025-05-14 19:30:00	8.74	34.45	0.26	7.16	11.32	5.01
SQU-US	2025-05-14 19:45:00	8.69	34.52	0.26	7.17	11.33	6.43
SQU-US	2025-05-14 20:00:00	8.64	34.58	0.27	7.16	11.32	5.72
SQU-US	2025-05-14 20:15:00	8.63	35.40	0.21	7.19	11.29	6.01
SQU-US	2025-05-14 20:30:00	8.61	35.48	0.21	7.21	11.29	4.46
SQU-US	2025-05-14 20:45:00	8.56	35.92	0.21	7.21	11.27	5.30
SQU-US	2025-05-14 21:00:00	8.52	36.72	0.21	7.16	11.25	7.96
SQU-US	2025-05-14 21:15:00	8.44	36.39	0.23	7.14	11.27	3.61
SQU-US	2025-05-14 21:30:00	8.40	36.46	0.24	7.14	11.26	7.24
SQU-US	2025-05-14 21:45:00	8.37	36.90	0.25	7.13	11.25	6.92
SQU-US	2025-05-14 22:00:00	8.29	37.22	0.26	7.12	11.25	7.85
SQU-US	2025-05-14 22:15:00	8.24	37.85	0.21	7.17	11.27	5.65
SQU-US	2025-05-14 22:30:00	8.23	38.30	0.21	7.13	11.23	7.51
SQU-US	2025-05-14 22:45:00	8.17	37.60	0.22	7.11	11.24	9.29
SQU-US	2025-05-14 23:00:00	8.12	38.32	0.21	7.13	11.23	7.99
SQU-US	2025-05-14 23:15:00	8.03	37.55	0.23	7.12	11.26	7.99
SQU-US	2025-05-14 23:30:00	7.97	38.46	0.24	7.03	11.25	7.94
SQU-US	2025-05-14 23:45:00	7.92	39.18	0.25	7.06	11.22	9.00
SQU-US	2025-05-15 00:00:00	7.83	38.44	0.26	7.06	11.23	9.82
SQU-US	2025-05-15 00:15:00	7.76	37.88	0.23	7.10	11.26	6.29
SQU-US	2025-05-15 00:30:00	7.68	38.03	0.21	7.07	11.27	7.66
SQU-US	2025-05-15 00:45:00	7.60	37.39	0.22	7.09	11.31	8.20
SQU-US	2025-05-15 01:00:00	7.54	37.29	0.21		11.33	6.96
SQU-US	2025-05-15 01:15:00	7.45	36.56	0.22	7.05	11.37	8.92
SQU-US	2025-05-15 01:30:00	7.36	36.14	0.24	7.05	11.40	8.93
SQU-US	2025-05-15 01:45:00	7.31	35.80	0.25	7.06	11.40	8.66
SQU-US	2025-05-15 02:00:00	7.24	35.50	0.26	7.07	11.43	8.59
SQU-US	2025-05-15 02:15:00	7.16	34.74	0.20	7.10	11.45	7.44
SQU-US	2025-05-15 02:30:00	7.10	35.17	0.21	7.09	11.48	7.61
SQU-US	2025-05-15 02:45:00	7.03	35.26	0.22	7.08	11.49	6.77
SQU-US	2025-05-15 03:00:00	6.98	34.65	0.22	7.10	11.51	7.71
SQU-US	2025-05-15 03:15:00	6.93	34.53	0.23	7.07	11.53	7.43
SQU-US	2025-05-15 03:30:00	6.89	34.30	0.25	7.03	11.54	6.57
SQU-US	2025-05-15 03:45:00	6.82	34.20	0.25	7.04	11.57	8.92
SQU-US	2025-05-15 04:00:00	6.78	34.33	0.26	7.07	11.58	9.92
SQU-US	2025-05-15 04:15:00	6.75	33.96	0.21	7.06	11.59	9.50
SQU-US	2025-05-15 04:30:00	6.69	34.04	0.21	7.08	11.60	7.98
SQU-US	2025-05-15 04:45:00	6.62	33.72	0.21	7.09	11.64	6.02
SQU-US	2025-05-15 05:00:00	6.60	33.89	0.21	7.06	11.65	15.37
SQU-US	2025-05-15 05:15:00	6.53	33.95	0.22	7.05	11.67	6.39
SQU-US	2025-05-15 05:30:00	6.50	33.56	0.24	7.03	11.70	6.97
SQU-US	2025-05-15 05:45:00	6.45	33.48	0.25	7.03	11.72	9.82
SQU-US	2025-05-15 06:00:00	6.41	33.36	0.26	7.03	11.73	6.84
SQU-US	2025-05-15 06:15:00	6.37	33.41	0.21	7.10	11.74	4.12
SQU-US	2025-05-15 06:30:00	6.33	33.89	0.20	7.10	11.75	8.16
SQU-US	2025-05-15 06:45:00	6.33	33.53	0.21	7.09	11.77	6.43
SQU-US	2025-05-15 07:00:00	6.33	33.73	0.21	7.10	11.79	7.30
SQU-US	2025-05-15 07:15:00	6.34	34.16	0.23	7.02	11.79	4.98

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-15 07:30:00	6.34	34.51	0.25	7.04	11.81	9.31
SQU-US	2025-05-15 07:45:00	6.36	34.34	0.26	7.05	11.82	3.79
SQU-US	2025-05-15 08:00:00	6.38	34.51	0.27	7.04	11.82	7.56
SQU-US	2025-05-15 08:15:00	6.41	34.58	0.19	7.08	11.81	4.10
SQU-US	2025-05-15 08:30:00	6.44	34.72	0.20	7.12	11.83	4.77
SQU-US	2025-05-15 08:45:00	6.47	34.32	0.21	7.07	11.85	6.48
SQU-US	2025-05-15 09:00:00	6.44	34.43	0.21	7.11	11.86	5.61
SQU-US	2025-05-15 09:15:00	6.46	34.34	0.23	7.08	11.88	5.99
SQU-US	2025-05-15 09:30:00	6.55	34.62	0.25	7.09	11.86	7.51
SQU-US	2025-05-15 09:45:00	6.64	34.57	0.26	7.07	11.86	11.42
SQU-US	2025-05-15 10:00:00	6.66	34.55	0.27		11.86	3.32
SQU-US	2025-05-15 10:15:00	6.64	34.25	0.20	7.10	11.86	10.45
SQU-US	2025-05-15 10:30:00	6.65	34.05	0.22	7.14	11.88	5.91
SQU-US	2025-05-15 10:45:00	6.68	34.49	0.22	7.12	11.87	7.77
SQU-US	2025-05-15 11:00:00	6.70	34.25	0.21	7.14	11.87	4.92
SQU-US	2025-05-15 11:15:00	6.72	33.99	0.23	7.11	11.88	6.15
SQU-US	2025-05-15 11:30:00	6.74	34.45	0.25	7.10	11.87	7.00
SQU-US	2025-05-15 11:45:00	6.74	34.80	0.26	7.08	11.85	7.21
SQU-US	2025-05-15 12:00:00	6.77	34.73	0.27	7.10	11.85	9.85
SQU-US	2025-05-15 12:15:00	6.77	34.89	0.20	7.12	11.86	6.09
SQU-US	2025-05-15 12:30:00	6.79	34.69	0.21	7.12	11.85	8.02
SQU-US	2025-05-15 12:45:00	6.83	34.81	0.22	7.12	11.84	5.91
SQU-US	2025-05-15 13:00:00	6.85	34.59	0.22	7.12	11.84	7.03
SQU-US	2025-05-15 13:15:00	6.85	34.81	0.23	7.11	11.83	10.95
SQU-US	2025-05-15 13:30:00	6.87	34.55	0.25	7.11	11.84	5.98
SQU-US	2025-05-15 13:45:00	6.91	35.06	0.26	7.08	11.84	5.56
SQU-US	2025-05-15 14:00:00	6.95	34.87	0.27	7.08	11.84	8.47
SQU-US	2025-05-15 14:15:00	6.99	35.31	0.23	7.13	11.83	6.12
SQU-US	2025-05-15 14:30:00	7.06	35.19	0.22	7.09	11.84	8.70
SQU-US	2025-05-15 14:45:00	7.09	35.02	0.22	7.14	11.82	7.31
SQU-US	2025-05-15 15:00:00	7.14	34.97	0.22	7.14	11.82	6.47
SQU-US	2025-05-15 15:15:00	7.16	35.27	0.24	7.12	11.82	5.94
SQU-US	2025-05-15 15:30:00	7.19	35.22	0.25	7.10	11.82	4.53
SQU-US	2025-05-15 15:45:00	7.21	35.47	0.26	7.12	11.80	6.07
SQU-US	2025-05-15 16:00:00	7.23	35.18	0.27	7.13	11.79	6.62
SQU-US	2025-05-15 16:15:00	7.24	35.18	0.22	7.16	11.78	6.17
SQU-US	2025-05-15 16:30:00	7.23	35.03	0.22	7.13	11.78	9.82
SQU-US	2025-05-15 16:45:00	7.23	35.11	0.22	7.17	11.78	5.24
SQU-US	2025-05-15 17:00:00	7.24	35.50	0.22	7.15	11.76	5.63
SQU-US	2025-05-15 17:15:00	7.24	35.44	0.24	7.11	11.76	5.38
SQU-US	2025-05-15 17:30:00	7.24	35.25	0.25	7.12	11.77	7.22
SQU-US	2025-05-15 17:45:00	7.25	35.40	0.26	7.12	11.75	4.52
SQU-US	2025-05-15 18:00:00	7.24	35.27	0.27	7.12	11.75	5.71
SQU-US	2025-05-15 18:15:00	7.23	35.51	0.21	7.15	11.74	6.29
SQU-US	2025-05-15 18:30:00	7.23	35.81	0.21	7.15	11.72	6.76
SQU-US	2025-05-15 18:45:00	7.23	35.79	0.21	7.14	11.71	5.00
SQU-US	2025-05-15 19:00:00	7.24	35.92	0.21	7.15	11.70	4.67
SQU-US	2025-05-15 19:15:00	7.23	35.93	0.23	7.10	11.68	5.47
SQU-US	2025-05-15 19:30:00	7.22	35.98	0.25	7.14	11.70	5.73
SQU-US	2025-05-15 19:45:00	7.21	35.49	0.26	7.12	11.71	4.51
SQU-US	2025-05-15 20:00:00	7.16	34.66	0.27	7.11	11.71	5.93
SQU-US	2025-05-15 20:15:00	7.12	34.53	0.22	7.20	11.72	6.22
SQU-US	2025-05-15 20:30:00	7.10	34.67	0.22	7.11	11.70	3.57
SQU-US	2025-05-15 20:45:00	7.08	34.90	0.21	7.16	11.67	6.01
SQU-US	2025-05-15 21:00:00	7.04	35.12	0.21	7.16	11.66	5.05

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-15 21:15:00	7.00	35.05	0.23	7.15	11.67	5.52
SQU-US	2025-05-15 21:30:00	6.97	35.13	0.24	7.12	11.64	5.26
SQU-US	2025-05-15 21:45:00	6.94	35.88	0.25	7.12	11.62	3.95
SQU-US	2025-05-15 22:00:00	6.94	36.84	0.26	7.12	11.62	4.92
SQU-US	2025-05-15 22:15:00	6.94	36.99	0.21	7.17	11.61	4.02
SQU-US	2025-05-15 22:30:00	6.89	38.02	0.21	7.15	11.60	3.18
SQU-US	2025-05-15 22:45:00	6.90	37.78	0.22	7.13	11.61	6.94
SQU-US	2025-05-15 23:00:00	6.88	38.01	0.22		11.61	5.78
SQU-US	2025-05-15 23:15:00	6.88	38.18	0.22	7.10	11.58	6.78
SQU-US	2025-05-15 23:30:00	6.87	38.57	0.24	7.11	11.59	7.10
SQU-US	2025-05-15 23:45:00	6.89	38.53	0.25	7.10	11.57	4.27
SQU-US	2025-05-16 00:00:00	6.88	38.48	0.26	7.08	11.57	6.67
SQU-US	2025-05-16 00:15:00	6.87	39.41	0.23	7.10	11.55	4.10
SQU-US	2025-05-16 00:30:00	6.87	39.72	0.22	7.08	11.54	4.20
SQU-US	2025-05-16 00:45:00	6.87	39.26	0.22	7.05	11.53	4.02
SQU-US	2025-05-16 01:00:00	6.82	38.98	0.22	7.10	11.55	3.80
SQU-US	2025-05-16 01:15:00	6.81	39.28	0.23	7.05	11.55	5.91
SQU-US	2025-05-16 01:30:00	6.80	39.38	0.25	7.06	11.54	8.18
SQU-US	2025-05-16 01:45:00	6.77	38.75	0.26	7.06	11.57	6.69
SQU-US	2025-05-16 02:00:00	6.74	38.69	0.27	7.02	11.59	5.07
SQU-US	2025-05-16 02:15:00	6.71	38.69	0.21	7.11	11.59	9.53
SQU-US	2025-05-16 02:30:00	6.70	38.57	0.21	7.10	11.60	5.49
SQU-US	2025-05-16 02:45:00	6.68	38.38	0.21	7.11	11.60	6.53
SQU-US	2025-05-16 03:00:00	6.67	37.96	0.21	7.08	11.61	4.84
SQU-US	2025-05-16 03:15:00	6.62	37.89	0.23	7.09	11.61	5.48
SQU-US	2025-05-16 03:30:00	6.61	38.01	0.24	7.10	11.63	5.55
SQU-US	2025-05-16 03:45:00	6.60	37.95	0.25	7.08	11.64	4.76
SQU-US	2025-05-16 04:00:00	6.57	37.98	0.26		11.64	5.25
SQU-US	2025-05-16 04:15:00	6.56	37.91	0.21	7.09	11.65	4.05
SQU-US	2025-05-16 04:30:00	6.53	37.42	0.21	7.10	11.65	5.17
SQU-US	2025-05-16 04:45:00	6.51	37.30	0.22	7.08	11.66	4.99
SQU-US	2025-05-16 05:00:00	6.49	37.76	0.22	7.10	11.67	5.62
SQU-US	2025-05-16 05:15:00	6.47	37.65	0.23	7.09	11.65	4.75
SQU-US	2025-05-16 05:30:00	6.45	37.61	0.25	7.09	11.68	4.83
SQU-US	2025-05-16 05:45:00	6.45	37.79	0.26	7.08	11.68	4.45
SQU-US	2025-05-16 06:00:00	6.43	37.60	0.26	7.09	11.68	5.80
SQU-US	2025-05-16 06:15:00	6.41	37.61	0.19	7.12	11.69	6.00
SQU-US	2025-05-16 06:30:00	6.40	37.26	0.20	7.11	11.71	4.24
SQU-US	2025-05-16 06:45:00	6.38	37.61	0.21	7.07	11.72	5.41
SQU-US	2025-05-16 07:00:00	6.36	37.71	0.20	7.12	11.72	4.44
SQU-US	2025-05-16 07:15:00	6.37	37.48	0.23	7.04	11.74	2.95
SQU-US	2025-05-16 07:30:00	6.35	37.91	0.25	7.10	11.77	4.72
SQU-US	2025-05-16 07:45:00	6.36	37.96	0.26	7.10	11.78	4.50
SQU-US	2025-05-16 08:00:00	6.39	38.05	0.26	7.11	11.78	6.09
SQU-US	2025-05-16 08:15:00	6.41	38.56	0.21	7.13	11.79	2.77
SQU-US	2025-05-16 08:30:00	6.43	38.80	0.21	7.09	11.81	4.42
SQU-US	2025-05-16 08:45:00	6.47	38.61	0.21	7.13	11.81	4.40
SQU-US	2025-05-16 09:00:00	6.51	38.57	0.21	7.10	11.82	4.76
SQU-US	2025-05-16 09:15:00	6.56	38.43	0.23	7.11	11.83	4.54
SQU-US	2025-05-16 09:30:00	6.63	38.67	0.25	7.12	11.83	4.68
SQU-US	2025-05-16 09:45:00	6.66	38.51	0.26	7.13	11.83	4.65
SQU-US	2025-05-16 10:00:00	6.69	38.57	0.27	7.13	11.85	4.65
SQU-US	2025-05-16 10:15:00	6.74	38.72	0.22	7.13	11.83	5.24
SQU-US	2025-05-16 10:30:00	6.81	39.06	0.22	7.16	11.83	4.09
SQU-US	2025-05-16 10:45:00	6.88	39.04	0.22	7.12	11.83	3.66

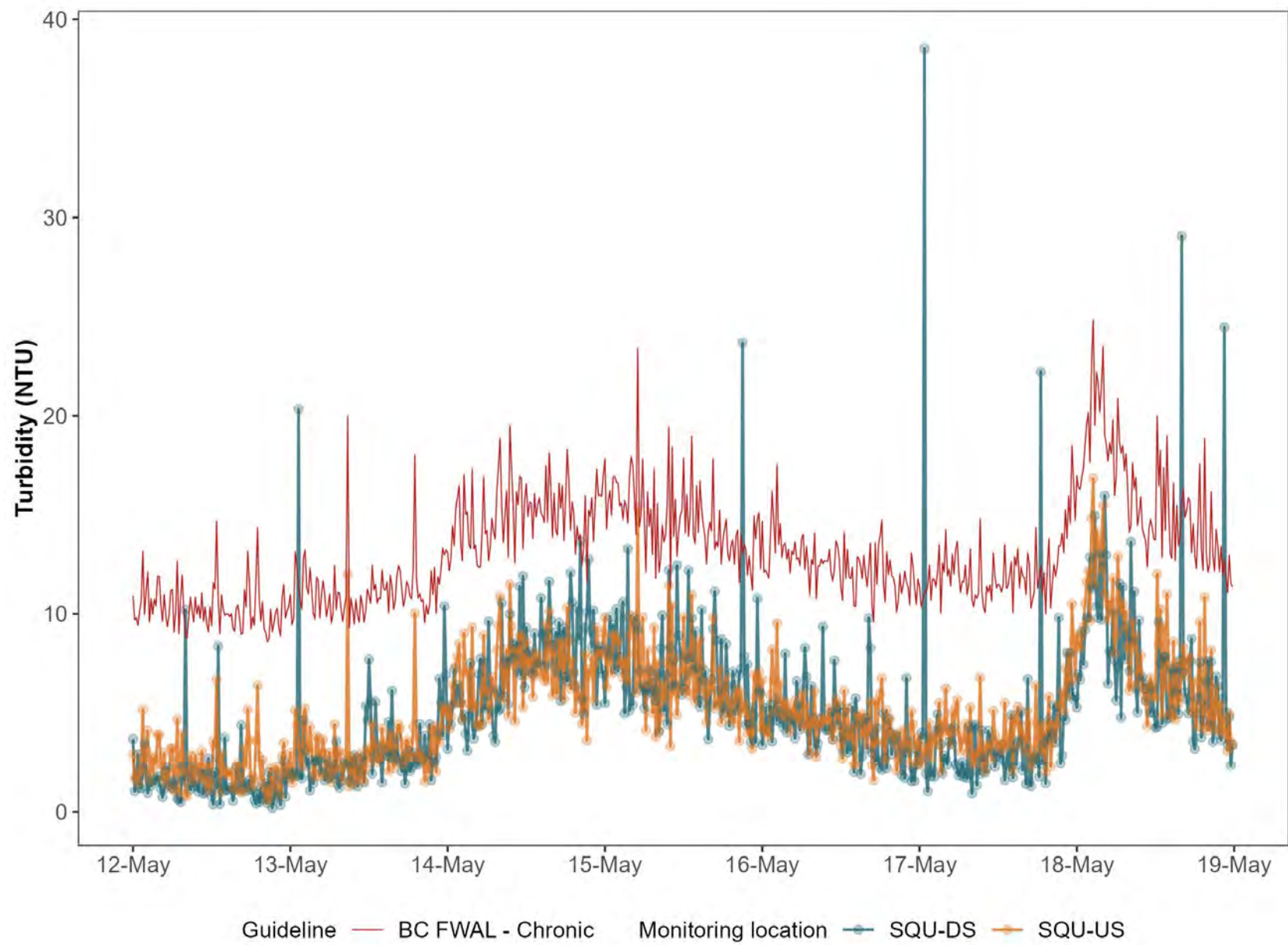
Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-16 11:00:00	6.92	38.89	0.21	7.16	11.84	4.22
SQU-US	2025-05-16 11:15:00	6.94	38.90	0.23	7.14	11.82	5.69
SQU-US	2025-05-16 11:30:00	6.96	38.76	0.25	7.15	11.83	5.46
SQU-US	2025-05-16 11:45:00	7.02	38.71	0.26	7.14	11.82	4.76
SQU-US	2025-05-16 12:00:00	7.08	39.00	0.27	7.15	11.80	3.34
SQU-US	2025-05-16 12:15:00	7.12	39.03	0.23	7.09	11.81	2.69
SQU-US	2025-05-16 12:30:00	7.19	39.12	0.22	7.15	11.81	6.12
SQU-US	2025-05-16 12:45:00	7.25	38.77	0.23	7.18	11.81	3.78
SQU-US	2025-05-16 13:00:00	7.29	38.42	0.22		11.80	5.23
SQU-US	2025-05-16 13:15:00	7.34	38.56	0.24	7.17	11.79	3.86
SQU-US	2025-05-16 13:30:00	7.42	39.03	0.25	7.15	11.78	3.77
SQU-US	2025-05-16 13:45:00	7.52	39.10	0.27	7.15	11.76	4.34
SQU-US	2025-05-16 14:00:00	7.58	39.06	0.27	7.15	11.74	2.42
SQU-US	2025-05-16 14:15:00	7.61	39.23	0.23	7.18	11.74	2.37
SQU-US	2025-05-16 14:30:00	7.65	39.29	0.23	7.12	11.73	4.88
SQU-US	2025-05-16 14:45:00	7.66	38.98	0.22	7.19	11.72	4.80
SQU-US	2025-05-16 15:00:00	7.70	39.12	0.21	7.16	11.72	4.41
SQU-US	2025-05-16 15:15:00	7.76	40.01	0.23	7.17	11.67	3.78
SQU-US	2025-05-16 15:30:00	7.79	39.66	0.25	7.18	11.67	4.93
SQU-US	2025-05-16 15:45:00	7.80	39.60	0.26	7.17	11.66	4.05
SQU-US	2025-05-16 16:00:00	7.82	40.11	0.27	7.14	11.64	3.36
SQU-US	2025-05-16 16:15:00	7.82	39.74	0.23	7.17	11.64	4.32
SQU-US	2025-05-16 16:30:00	7.80	39.83	0.23	7.12	11.64	5.57
SQU-US	2025-05-16 16:45:00	7.80	40.14	0.22	7.17	11.62	2.37
SQU-US	2025-05-16 17:00:00	7.78	40.16	0.22	7.16	11.61	1.59
SQU-US	2025-05-16 17:15:00	7.78	40.25	0.24	7.12	11.59	5.58
SQU-US	2025-05-16 17:30:00	7.77	40.16	0.25	7.14	11.58	3.49
SQU-US	2025-05-16 17:45:00	7.75	40.05	0.26	7.17	11.60	5.51
SQU-US	2025-05-16 18:00:00	7.76	40.15	0.27	7.15	11.58	5.95
SQU-US	2025-05-16 18:15:00	7.77	40.25	0.23	7.18	11.56	6.74
SQU-US	2025-05-16 18:30:00	7.77	40.35	0.22	7.17	11.55	3.50
SQU-US	2025-05-16 18:45:00	7.77	40.28	0.22	7.18	11.53	2.60
SQU-US	2025-05-16 19:00:00	7.77	40.15	0.22	7.18	11.53	5.12
SQU-US	2025-05-16 19:15:00	7.78	40.19	0.23	7.13	11.52	3.98
SQU-US	2025-05-16 19:30:00	7.78	40.08	0.25	7.16	11.51	4.71
SQU-US	2025-05-16 19:45:00	7.78	40.26	0.26	7.15	11.50	3.93
SQU-US	2025-05-16 20:00:00	7.77	40.27	0.27	7.14	11.49	3.83
SQU-US	2025-05-16 20:15:00	7.74	39.85	0.23	7.16	11.47	3.44
SQU-US	2025-05-16 20:30:00	7.72	39.58	0.22	7.21	11.47	2.08
SQU-US	2025-05-16 20:45:00	7.69	39.75	0.23	7.19	11.47	2.62
SQU-US	2025-05-16 21:00:00	7.67	39.55	0.23	7.20	11.45	4.02
SQU-US	2025-05-16 21:15:00	7.64	39.48	0.24	7.15	11.43	3.05
SQU-US	2025-05-16 21:30:00	7.60	39.18	0.25	7.13	11.43	3.43
SQU-US	2025-05-16 21:45:00	7.55	39.09	0.26	7.16	11.45	4.16
SQU-US	2025-05-16 22:00:00	7.49	39.19	0.27	7.16	11.43	3.60
SQU-US	2025-05-16 22:15:00	7.49	39.76	0.23	7.14	11.43	3.36
SQU-US	2025-05-16 22:30:00	7.45	40.13	0.22	7.22	11.42	2.46
SQU-US	2025-05-16 22:45:00	7.40	40.20	0.22	7.20	11.44	5.07
SQU-US	2025-05-16 23:00:00	7.38	40.40	0.22	7.18	11.43	4.41
SQU-US	2025-05-16 23:15:00	7.39	40.83	0.24	7.10	11.40	3.32
SQU-US	2025-05-16 23:30:00	7.38	40.83	0.25	7.14	11.41	2.47
SQU-US	2025-05-16 23:45:00	7.38	41.54	0.26	7.14	11.40	3.75
SQU-US	2025-05-17 00:00:00	7.36	41.90	0.26	7.13	11.39	3.37
SQU-US	2025-05-17 00:15:00	7.34	41.83	0.21	7.18	11.38	2.35
SQU-US	2025-05-17 00:30:00	7.33	42.05	0.21	7.17	11.38	2.66

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-17 00:45:00	7.32	42.62	0.21	7.12	11.36	3.10
SQU-US	2025-05-17 01:00:00	7.30	42.81	0.22	7.09	11.35	3.07
SQU-US	2025-05-17 01:15:00	7.31	43.42	0.23	7.09	11.33	3.40
SQU-US	2025-05-17 01:30:00	7.28	42.28	0.25	7.08	11.36	4.47
SQU-US	2025-05-17 01:45:00	7.23	42.47	0.26	7.07	11.35	2.70
SQU-US	2025-05-17 02:00:00	7.23	41.95	0.27	7.08	11.38	3.79
SQU-US	2025-05-17 02:15:00	7.22	42.22	0.21	7.12	11.37	3.73
SQU-US	2025-05-17 02:30:00	7.14	41.69	0.21	7.14	11.39	3.35
SQU-US	2025-05-17 02:45:00	7.12	41.17	0.22	7.10	11.41	4.14
SQU-US	2025-05-17 03:00:00	7.10	41.34	0.22	7.10	11.42	5.51
SQU-US	2025-05-17 03:15:00	7.07	41.41	0.23	7.09	11.42	2.04
SQU-US	2025-05-17 03:30:00	7.06	40.76	0.25	7.11	11.43	4.57
SQU-US	2025-05-17 03:45:00	7.00	40.47	0.26	7.02	11.44	4.11
SQU-US	2025-05-17 04:00:00	6.97	40.58	0.26	7.09	11.44	6.23
SQU-US	2025-05-17 04:15:00	6.96	40.41	0.21	7.16	11.45	3.92
SQU-US	2025-05-17 04:30:00	6.93	40.56	0.21	7.09	11.45	4.25
SQU-US	2025-05-17 04:45:00	6.91	40.39	0.22	7.11	11.46	3.40
SQU-US	2025-05-17 05:00:00	6.91	40.22	0.21	7.15	11.46	5.00
SQU-US	2025-05-17 05:15:00	6.87	40.23	0.23	7.11	11.48	4.01
SQU-US	2025-05-17 05:30:00	6.86	39.98	0.24	7.10	11.50	5.25
SQU-US	2025-05-17 05:45:00	6.84	40.05	0.25	7.11	11.48	5.66
SQU-US	2025-05-17 06:00:00	6.82	39.80	0.26	7.10	11.50	4.04
SQU-US	2025-05-17 06:15:00	6.79	40.06	0.20	7.10	11.52	3.08
SQU-US	2025-05-17 06:30:00	6.78	39.96	0.21	7.04	11.53	3.64
SQU-US	2025-05-17 06:45:00	6.75	39.95	0.21	7.14	11.55	3.62
SQU-US	2025-05-17 07:00:00	6.76	40.05	0.21	7.15	11.57	4.45
SQU-US	2025-05-17 07:15:00	6.73	39.87	0.23	7.05	11.59	2.96
SQU-US	2025-05-17 07:30:00	6.74	39.54	0.25	7.13	11.62	3.46
SQU-US	2025-05-17 07:45:00	6.75	39.58	0.26	7.13	11.63	5.28
SQU-US	2025-05-17 08:00:00	6.76	39.70	0.26		11.65	2.72
SQU-US	2025-05-17 08:15:00	6.77	39.57	0.22	7.14	11.67	2.36
SQU-US	2025-05-17 08:30:00	6.76	39.77	0.22	7.20	11.70	2.96
SQU-US	2025-05-17 08:45:00	6.76	39.97	0.22	7.17	11.70	2.78
SQU-US	2025-05-17 09:00:00	6.78	40.09	0.22		11.70	3.05
SQU-US	2025-05-17 09:15:00	6.80	40.19	0.24	7.14	11.70	6.78
SQU-US	2025-05-17 09:30:00	6.79	40.14	0.25	7.15	11.70	3.17
SQU-US	2025-05-17 09:45:00	6.77	40.29	0.26	7.16	11.70	2.34
SQU-US	2025-05-17 10:00:00	6.79	39.86	0.27	7.14	11.71	2.06
SQU-US	2025-05-17 10:15:00	6.79	40.05	0.21	7.15	11.70	3.38
SQU-US	2025-05-17 10:30:00	6.79	39.91	0.22	7.15	11.70	3.10
SQU-US	2025-05-17 10:45:00	6.81	39.93	0.22	7.13	11.71	3.44
SQU-US	2025-05-17 11:00:00	6.82	40.32	0.22		11.71	2.65
SQU-US	2025-05-17 11:15:00	6.85	40.30	0.24	7.15	11.70	5.09
SQU-US	2025-05-17 11:30:00	6.86	40.35	0.25	7.14	11.70	3.89
SQU-US	2025-05-17 11:45:00	6.87	40.58	0.26	7.14	11.70	3.32
SQU-US	2025-05-17 12:00:00	6.91	40.21	0.27	7.10	11.70	3.50
SQU-US	2025-05-17 12:15:00	6.94	40.44	0.22	7.18	11.71	3.42
SQU-US	2025-05-17 12:30:00	7.01	40.45	0.22	7.14	11.71	3.10
SQU-US	2025-05-17 12:45:00	7.05	40.25	0.22	7.16	11.71	3.46
SQU-US	2025-05-17 13:00:00	7.07	40.15	0.21	7.17	11.71	5.51
SQU-US	2025-05-17 13:15:00	7.09	40.10	0.24	7.16	11.71	3.30
SQU-US	2025-05-17 13:30:00	7.12	40.28	0.25	7.16	11.70	3.39
SQU-US	2025-05-17 13:45:00	7.17	40.30	0.26	7.16	11.69	3.97
SQU-US	2025-05-17 14:00:00	7.21	40.17	0.27	7.16	11.72	4.62
SQU-US	2025-05-17 14:15:00	7.30	40.36	0.22	7.21	11.69	2.06

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-17 14:30:00	7.37	40.26	0.23	7.21	11.69	4.88
SQU-US	2025-05-17 14:45:00	7.44	39.93	0.23	7.21	11.69	4.44
SQU-US	2025-05-17 15:00:00	7.54	39.90	0.23	7.19	11.68	5.29
SQU-US	2025-05-17 15:15:00	7.59	40.16	0.24	7.18	11.67	3.32
SQU-US	2025-05-17 15:30:00	7.63	40.15	0.25	7.19	11.66	4.35
SQU-US	2025-05-17 15:45:00	7.67	40.07	0.26	7.21	11.66	3.91
SQU-US	2025-05-17 16:00:00	7.68	39.95	0.28	7.16	11.64	3.81
SQU-US	2025-05-17 16:15:00	7.65	39.89	0.22	7.19	11.62	2.97
SQU-US	2025-05-17 16:30:00	7.60	40.06	0.22	7.22	11.62	5.09
SQU-US	2025-05-17 16:45:00	7.58	40.29	0.23	7.22	11.61	4.52
SQU-US	2025-05-17 17:00:00	7.58	39.88	0.23	7.22	11.61	2.29
SQU-US	2025-05-17 17:15:00	7.60	39.77	0.24	7.17	11.61	2.73
SQU-US	2025-05-17 17:30:00	7.61	39.73	0.26	7.18	11.58	3.13
SQU-US	2025-05-17 17:45:00	7.59	39.95	0.27	7.19	11.58	6.37
SQU-US	2025-05-17 18:00:00	7.55	39.63	0.24	7.18	11.57	3.29
SQU-US	2025-05-17 18:15:00	7.51	39.50	0.21	7.20	11.57	3.78
SQU-US	2025-05-17 18:30:00	7.49	39.58	0.22	7.20	11.55	4.42
SQU-US	2025-05-17 18:45:00	7.49	39.54	0.22	7.19	11.53	2.97
SQU-US	2025-05-17 19:00:00	7.45	40.21	0.22	7.18	11.51	4.10
SQU-US	2025-05-17 19:15:00	7.41	40.07	0.23	7.18	11.50	1.99
SQU-US	2025-05-17 19:30:00	7.38	40.23	0.25	7.16	11.51	4.43
SQU-US	2025-05-17 19:45:00	7.34	40.48	0.26	7.16	11.52	5.81
SQU-US	2025-05-17 20:00:00	7.33	39.89	0.27	7.18	11.49	2.29
SQU-US	2025-05-17 20:15:00	7.31	39.71	0.20	7.18	11.51	3.47
SQU-US	2025-05-17 20:30:00	7.29	39.66	0.21	7.21	11.50	4.50
SQU-US	2025-05-17 20:45:00	7.27	39.59	0.21	7.18	11.49	3.89
SQU-US	2025-05-17 21:00:00	7.26	39.27	0.20	7.17	11.46	4.39
SQU-US	2025-05-17 21:15:00	7.23	38.94	0.23	7.17	11.46	5.43
SQU-US	2025-05-17 21:30:00	7.20	38.43	0.24	7.18	11.46	5.44
SQU-US	2025-05-17 21:45:00	7.17	38.10	0.25	7.18	11.48	6.07
SQU-US	2025-05-17 22:00:00	7.14	37.97	0.26	7.16	11.49	5.07
SQU-US	2025-05-17 22:15:00	7.11	37.82	0.18	7.21	11.51	7.26
SQU-US	2025-05-17 22:30:00	7.05	37.73	0.19	7.21	11.52	5.81
SQU-US	2025-05-17 22:45:00	7.03	37.77	0.19	7.22	11.51	7.96
SQU-US	2025-05-17 23:00:00	7.00	38.01	0.20	7.21	11.51	6.54
SQU-US	2025-05-17 23:15:00	6.97	38.42	0.22	7.13	11.51	10.50
SQU-US	2025-05-17 23:30:00	6.92	38.07	0.24	7.13	11.52	8.66
SQU-US	2025-05-17 23:45:00	6.88	37.85	0.25	7.15	11.54	6.74
SQU-US	2025-05-18 00:00:00	6.87	38.23	0.26	7.17	11.53	8.96
SQU-US	2025-05-18 00:15:00	6.85	39.05	0.18	7.18	11.52	8.36
SQU-US	2025-05-18 00:30:00	6.80	38.61	0.18	7.22	11.54	8.29
SQU-US	2025-05-18 00:45:00	6.78	39.19	0.19	7.22	11.53	8.89
SQU-US	2025-05-18 01:00:00	6.75	39.07	0.19	7.18	11.54	9.34
SQU-US	2025-05-18 01:15:00	6.70	38.69	0.21	7.12	11.56	10.52
SQU-US	2025-05-18 01:30:00	6.66	38.87	0.24	7.11	11.56	11.60
SQU-US	2025-05-18 01:45:00	6.68	39.75	0.25	7.07	11.52	12.16
SQU-US	2025-05-18 02:00:00	6.65	39.79	0.26	7.09	11.52	9.64
SQU-US	2025-05-18 02:15:00	6.62	40.04	0.19	7.11	11.52	14.82
SQU-US	2025-05-18 02:30:00	6.57	38.53	0.20	7.08	11.56	16.83
SQU-US	2025-05-18 02:45:00	6.54	38.65	0.20	7.13	11.56	11.50
SQU-US	2025-05-18 03:00:00	6.51	37.93	0.20	7.12	11.60	14.18
SQU-US	2025-05-18 03:15:00	6.48	37.47	0.22	7.08	11.59	13.68
SQU-US	2025-05-18 03:30:00	6.44	36.86	0.24	7.08	11.61	12.17
SQU-US	2025-05-18 03:45:00	6.43	37.12	0.25	7.09	11.61	13.54
SQU-US	2025-05-18 04:00:00	6.38	36.62	0.26	7.10	11.65	15.49

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-18 04:15:00	6.36	36.19	0.17	7.13	11.67	11.01
SQU-US	2025-05-18 04:30:00	6.29	35.71	0.19	7.09	11.70	10.53
SQU-US	2025-05-18 04:45:00	6.28	35.62	0.19	7.10	11.71	9.71
SQU-US	2025-05-18 05:00:00	6.26	35.40	0.19	7.14	11.71	10.63
SQU-US	2025-05-18 05:15:00	6.23	35.24	0.22	7.11	11.71	10.07
SQU-US	2025-05-18 05:30:00	6.19	34.91	0.24	7.06	11.73	11.79
SQU-US	2025-05-18 05:45:00	6.18	34.89	0.25	7.08	11.73	7.98
SQU-US	2025-05-18 06:00:00	6.14	34.82	0.26	7.06	11.75	8.91
SQU-US	2025-05-18 06:15:00	6.10	34.79	0.17	7.12	11.76	12.89
SQU-US	2025-05-18 06:30:00	6.06	34.70	0.18	7.14	11.78	10.67
SQU-US	2025-05-18 06:45:00	6.07	34.45	0.20	7.14	11.79	10.11
SQU-US	2025-05-18 07:00:00	6.05	34.68	0.19	7.14	11.82	10.50
SQU-US	2025-05-18 07:15:00	6.04	34.34	0.22	7.12	11.85	9.24
SQU-US	2025-05-18 07:30:00	6.05	34.53	0.24	7.10	11.84	10.09
SQU-US	2025-05-18 07:45:00	6.06	34.32	0.25	7.10	11.86	8.32
SQU-US	2025-05-18 08:00:00	6.08	34.26	0.26	7.12	11.90	6.13
SQU-US	2025-05-18 08:15:00	6.15	34.06	0.18	7.15	11.91	6.42
SQU-US	2025-05-18 08:30:00	6.20	33.88	0.20	7.16	11.92	9.60
SQU-US	2025-05-18 08:45:00	6.25	33.94	0.20	7.18	11.93	8.33
SQU-US	2025-05-18 09:00:00	6.31	34.19	0.21	7.14	11.93	8.90
SQU-US	2025-05-18 09:15:00	6.38	34.07	0.23	7.14	11.92	6.47
SQU-US	2025-05-18 09:30:00	6.39	34.16	0.25	7.11	11.92	7.01
SQU-US	2025-05-18 09:45:00	6.44	34.00	0.26	7.11	11.93	7.91
SQU-US	2025-05-18 10:00:00	6.54	34.01	0.27	7.12	11.94	6.29
SQU-US	2025-05-18 10:15:00	6.60	33.83	0.20	7.16	11.93	5.96
SQU-US	2025-05-18 10:30:00	6.70	33.91	0.21	7.18	11.91	5.67
SQU-US	2025-05-18 10:45:00	6.77	33.96	0.22	7.16	11.92	4.36
SQU-US	2025-05-18 11:00:00	6.87	34.11	0.22	7.17	11.90	6.30
SQU-US	2025-05-18 11:15:00	6.91	34.32	0.24	7.13	11.90	6.76
SQU-US	2025-05-18 11:30:00	6.95	34.45	0.26	7.12	11.91	6.37
SQU-US	2025-05-18 11:45:00	7.02	34.60	0.28	7.05	11.88	5.76
SQU-US	2025-05-18 12:00:00	7.05	34.71	0.28	7.12	11.88	5.74
SQU-US	2025-05-18 12:15:00	7.17	34.58	0.21	7.19	11.87	12.00
SQU-US	2025-05-18 12:30:00	7.27	34.09	0.23	7.19	11.88	8.44
SQU-US	2025-05-18 12:45:00	7.39	34.21	0.23	7.14	11.87	10.24
SQU-US	2025-05-18 13:00:00	7.49	34.31	0.24	7.15	11.83	4.85
SQU-US	2025-05-18 13:15:00	7.58	34.42	0.25	7.15	11.82	9.37
SQU-US	2025-05-18 13:30:00	7.63	34.54	0.26	7.15	11.79	6.20
SQU-US	2025-05-18 13:45:00	7.68	34.22	0.28	7.13	11.81	11.00
SQU-US	2025-05-18 14:00:00	7.76	34.57	0.28	7.18	11.79	7.39
SQU-US	2025-05-18 14:15:00	7.91	34.94	0.24	7.19	11.78	5.02
SQU-US	2025-05-18 14:30:00	8.03	34.83	0.22	7.18	11.76	4.81
SQU-US	2025-05-18 14:45:00	8.08	34.79	0.22	7.20	11.76	8.61
SQU-US	2025-05-18 15:00:00	8.16	34.88	0.23		11.73	4.66
SQU-US	2025-05-18 15:15:00	8.19	34.88	0.24	7.18	11.72	7.49
SQU-US	2025-05-18 15:30:00	8.20	34.92	0.26	7.16	11.70	5.46
SQU-US	2025-05-18 15:45:00	8.29	35.56	0.27	7.17	11.66	5.79
SQU-US	2025-05-18 16:00:00	8.34	35.18	0.28	7.16	11.65	7.56
SQU-US	2025-05-18 16:15:00	8.37	35.37	0.21	7.17	11.65	8.31
SQU-US	2025-05-18 16:30:00	8.38	35.62	0.22	7.19	11.64	6.86
SQU-US	2025-05-18 16:45:00	8.34	35.27	0.22	7.10	11.65	7.21
SQU-US	2025-05-18 17:00:00	8.19	35.34	0.21	7.20	11.64	7.85
SQU-US	2025-05-18 17:15:00	8.17	35.69	0.24	7.15	11.64	7.70
SQU-US	2025-05-18 17:30:00	8.13	35.58	0.26	7.16	11.65	5.07
SQU-US	2025-05-18 17:45:00	8.14	35.87	0.27	7.16	11.64	6.53

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-18 18:00:00	8.16	35.81	0.27	7.16	11.63	4.91
SQU-US	2025-05-18 18:15:00	8.11	35.70	0.21	7.18	11.64	4.30
SQU-US	2025-05-18 18:30:00	8.00	36.01	0.21	7.19	11.62	6.67
SQU-US	2025-05-18 18:45:00	7.90	35.78	0.21	7.17	11.63	9.58
SQU-US	2025-05-18 19:00:00	7.85	35.80	0.22	7.17	11.62	5.23
SQU-US	2025-05-18 19:15:00	7.80	36.44	0.23	7.15	11.61	4.19
SQU-US	2025-05-18 19:30:00	7.73	36.18	0.25	7.12	11.61	10.83
SQU-US	2025-05-18 19:45:00	7.69	36.07	0.26	7.14	11.61	5.08
SQU-US	2025-05-18 20:00:00	7.64	35.98	0.27		11.60	4.11
SQU-US	2025-05-18 20:15:00	7.62	36.74	0.20	7.16	11.58	4.47
SQU-US	2025-05-18 20:30:00	7.60	36.58	0.20	7.16	11.57	8.17
SQU-US	2025-05-18 20:45:00	7.57	36.59	0.20	7.18	11.55	4.96
SQU-US	2025-05-18 21:00:00	7.56	36.51	0.21	7.18	11.54	4.15
SQU-US	2025-05-18 21:15:00	7.47	36.34	0.23	7.11	11.54	6.26
SQU-US	2025-05-18 21:30:00	7.43	36.46	0.25	7.12	11.54	5.46
SQU-US	2025-05-18 21:45:00	7.38	36.40	0.26	7.09	11.53	4.13
SQU-US	2025-05-18 22:00:00	7.36	36.24	0.27	7.10	11.52	5.40
SQU-US	2025-05-18 22:15:00	7.37	36.24	0.21	7.15	11.51	3.97
SQU-US	2025-05-18 22:30:00	7.32	35.81	0.20	7.15	11.53	4.76
SQU-US	2025-05-18 22:45:00	7.29	35.94	0.21	7.15	11.53	3.89
SQU-US	2025-05-18 23:00:00	7.24	35.78	0.21	7.22	11.53	3.07
SQU-US	2025-05-18 23:15:00	7.24	35.79	0.23	7.15	11.54	4.95
SQU-US	2025-05-18 23:30:00	7.17	35.83	0.25	7.13	11.55	3.51
SQU-US	2025-05-18 23:45:00	7.14	35.71	0.26	7.12	11.56	3.36



Water Quality Field Data Sheet



Hatfield

Project: FORTIS11234

Location Information

Site ID: SQU US Date: May 13, 2025
Site Name: SQU Time: 2:00 pm
Site UTM: Zone: E: Crew: AR
(NAD83) N: Weather: ☒ Clear ☐ Foggy ☐ Cloudy ☐ Rain ☐ Snow ☒ Windy

In Situ Parameters

pH: 9.02 DO: (mg/L)
Temp.: 10.51 (°C) Cond: 92 (us)
Turbidity: 4.52 NTU

Visible Sheen: ☒ Y ☒ N

Water Surface Condition: ☒ Clear ☐ Turbid ☐ Foaming ☐ Ice

Photo Record



Photo

Observations

High flow current / Clear

Location Information

Site ID: Date:
Site Name: Time:
Site UTM: Zone: E: Crew:
(NAD83) N: Weather: ☐ Clear ☐ Foggy ☐ Cloudy ☐ Rain ☐ Snow ☐ Windy

In Situ Parameters

pH: DO: (mg/L)
Temp.: (°C) Cond: (us)
Turbidity: NTU

Visible Sheen: ☐ Y ☐ N

Water Surface Condition: ☐ Clear ☐ Turbid ☐ Foaming ☐ Ice

Water Quality Field Data Sheet



Hatfield

Project: FORTIS11234

Location Information

Site ID: SQU DS Date: May 13, 2023
Site Name: SQU Time: 2:30 PM
Site UTM: Zone: E: Crew: AF
(NAD83) N: Weather: Clear Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH: 7.93 DO: — (mg/L)
Temp.: 9.90 (°C) Cond: 46 (us)
Turbidity: 5.84 NTU

Visible Sheen: Y/N (N)

Water Surface Condition: Clear Turbid Foaming Ice

Photo Record



Photo

Observations

High flow current / clear

Location Information

Site ID: Date:
Site Name: Time:
Site UTM: Zone: E: Crew:
(NAD83) N: Weather: Clear Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH: DO: (mg/L)
Temp.: (°C) Cond: (us)
Turbidity: NTU

Visible Sheen: Y/N

Water Surface Condition: Clear Turbid Foaming Ice

 Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	May 12 th to May 18 th , 2025
	Report #	60
	Appendix C	C-1

Appendix C: Woodfibre Site Point of Discharge from Water Treatment Plant Documentation

 Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	May 12 th to May 18 th , 2025
	Report #	60
	Appendix C	C-2

Woodfibre Site Sample Analysis



BC Approved Water
Quality Guideline -
Freshwater Aquatic Life -
Short Term Max

WLNG EOP
2025-05-13 08:20

Analyte	Unit		
In situ Parameters			
Field pH	pH Units	6.5 - 9	6.63
Field Temperature	°C	19	10.9
General Parameters			
pH	pH Units		7.63
Alkalinity (Total as CaCO ₃)	mg/L		140
Alkalinity (PP as CaCO ₃)	mg/L		<1
Hardness (CaCO ₃)-Total	mg/L		186
Hardness (CaCO ₃)-Dissolved	mg/L		191
Sulphide-Total	mg/L		<0.0018
Sulphide (as H ₂ S)	mg/L		<0.002
Un-ionized Hydrogen Sulfide as H ₂ S-Total	mg/L		<0.005
Un-ionized Hydrogen Sulfide as S-Total	mg/L		<0.005
Anions and Nutrients			
Ammonia (N)-Total	mg/L	23.7	<0.015
Bicarbonate (HCO ₃)	mg/L		170
Carbonate (CO ₃)	mg/L		<1
Hydroxide (OH)	mg/L		<1
Nitrate (N)	mg/L	32.8	<0.02
Nitrite (N)	mg/L	0.6	<0.005
Nitrate plus Nitrite (N)	mg/L		<0.02
Nitrogen (N)-Total	mg/L		0.341
Phosphorus (P)-Total (4500-P)	mg/L		0.029
Bromide (Br)	mg/L		<0.01
Chloride (Cl)	mg/L	600	16
Fluoride (F)	mg/L	1.594	0.17
Sulphate (SO ₄)-Dissolved	mg/L		25

Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO₃) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO₃), and Chloride).

Bold text denotes value exceeding guidelines. Note: Not all exceedances are project related.



BC Approved Water
Quality Guideline -
Freshwater Aquatic Life -
Short Term Max

WLNG EOP
2025-05-13 08:20

Analyte	Unit		
Total Metals			
Aluminum (Al)-Total	mg/L		1.53
Antimony (Sb)-Total	mg/L	0.25	0.000134
Arsenic (As)-Total	mg/L		0.00562
Barium (Ba)-Total	mg/L		0.0139
Beryllium (Be)-Total	mg/L		0.000018
Bismuth (Bi)-Total	mg/L		<0.00001
Boron (B)-Total	mg/L		0.021
Cadmium (Cd)-Total	mg/L		0.0000493
Calcium (Ca)-Total	mg/L		71
Cesium (Cs)-Total	mg/L		0.00008
Chromium (Cr)-Total	mg/L		0.00984
Chromium (Cr III)-Total	mg/L		0.0042
Chromium (Cr VI)-Total	mg/L		0.0056
Cobalt (Co)-Total	mg/L		0.000323
Copper (Cu)-Total	mg/L		0.00374
Iron (Fe)-Total	mg/L	1	0.223
Lead (Pb)-Total	mg/L		0.000381
Lithium (Li)-Total	mg/L		0.00226
Magnesium (Mg)-Total	mg/L		2.03
Manganese (Mn)-Total	mg/L	2.645	0.0615
Mercury (Hg)-Total	mg/L		<0.0000019
Molybdenum (Mo)-Total	mg/L	46	0.0253
Nickel (Ni)-Total	mg/L		0.00064
Phosphorus (P)-Total (ICPMS)	mg/L		0.0204
Potassium (K)-Total	mg/L		2.54
Rubidium (Rb)-Total	mg/L		0.00515
Selenium (Se)-Total	mg/L		0.000115
Silicon (Si)-Total	mg/L		14.8
Silver (Ag)-Total	mg/L		<0.00001
Sodium (Na)-Total	mg/L		6.1
Strontium (Sr)-Total	mg/L		0.113
Sulphur (S)-Total	mg/L		7.2
Tellurium (Te)-Total	mg/L		<0.00002
Thallium (Tl)-Total	mg/L		0.0000191
Thorium (Th)-Total	mg/L		<0.00005
Tin (Sn)-Total	mg/L		<0.0002
Titanium (Ti)-Total	mg/L		0.0027
Uranium (U)-Total	mg/L	0.0165	0.00712
Vanadium (V)-Total	mg/L		0.00401
Zinc (Zn)-Total	mg/L		0.0049
Zirconium (Zr)-Total	mg/L		0.0006

Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO₃) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO₃), and Chloride).

Bold text denotes value exceeding guidelines. Note: Not all exceedances are project related.



BC Approved Water
Quality Guideline -
Freshwater Aquatic Life -
Short Term Max

WLNG EOP
2025-05-13 08:20

Analyte	Unit		
Dissolved Metals			
Aluminum (Al)-Dissolved	mg/L		1.49
Antimony (Sb)-Dissolved	mg/L		0.000129
Arsenic (As)-Dissolved	mg/L		0.00556
Barium (Ba)-Dissolved	mg/L		0.0138
Beryllium (Be)-Dissolved	mg/L		0.00002
Bismuth (Bi)-Dissolved	mg/L		<0.000005
Boron (B)-Dissolved	mg/L		0.016
Cadmium (Cd)-Dissolved	mg/L	0.001146	0.000047
Calcium (Ca)-Dissolved	mg/L		72.9
Cesium (Cs)-Dissolved	mg/L		0.000074
Chromium (Cr)-Dissolved	mg/L		0.0102
Cobalt (Co)-Dissolved	mg/L		0.000359
Copper (Cu)-Dissolved	mg/L	0.014194	0.00392
Iron (Fe)-Dissolved	mg/L	0.35	0.203
Lead (Pb)-Dissolved	mg/L		0.000341
Lithium (Li)-Dissolved	mg/L		0.0024
Manganese (Mn)-Dissolved	mg/L		0.0625
Magnesium (Mg)-Dissolved	mg/L		2.12
Mercury (Hg)-Dissolved	mg/L		<0.0000019
Molybdenum (Mo)-Dissolved	mg/L		0.0257
Nickel (Ni)-Dissolved	mg/L	0.0905	0.000707
Phosphorus (P)-Dissolved	mg/L		0.0105
Potassium (K)-Dissolved	mg/L		2.4
Rubidium (Rb)-Dissolved	mg/L		0.00527
Selenium (Se)-Dissolved	mg/L		0.00007
Silicon (Si)-Dissolved	mg/L		15.8
Silver (Ag)-Dissolved	mg/L		<0.000005
Sodium (Na)-Dissolved	mg/L		6.44
Strontium (Sr)-Dissolved	mg/L		0.109
Sulphur (S)-Dissolved	mg/L		7.5
Tellurium (Te)-Dissolved	mg/L		<0.00002
Thallium (Tl)-Dissolved	mg/L		0.00002
Thorium (Th)-Dissolved	mg/L		0.000035
Tin (Sn)-Dissolved	mg/L		<0.0002
Titanium (Ti)-Dissolved	mg/L		0.00151
Uranium (U)-Dissolved	mg/L		0.00865
Vanadium (V)-Dissolved	mg/L		0.00418
Zinc (Zn)-Dissolved	mg/L	0.133242	0.00478
Zirconium (Zr)-Dissolved	mg/L		0.0005

Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO₃) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO₃), and Chloride).

Bold text denotes value exceeding guidelines. Note: Not all exceedances are project related.



BC Approved Water
Quality Guideline -
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WLNG EOP
2025-05-13 08:20

Analyte	Unit		
Inorganics			
Organic Carbon (C)-Total	mg/L		38
Organic Carbon (C)-Dissolved	mg/L		39
Solids-Total Dissolved	mg/L		340
Solids-Total Suspended	mg/L	27.8	2.8
Organics			
HEPH (C19-C32 less PAH)	mg/L		<0.2
LEPH (C10-C19 less PAH)	mg/L		<0.2
EPH (C10-C19)	mg/L		<0.2
EPH (C19-C32)	mg/L		<0.2
Ethylene Glycol	mg/L		<3
Diethylene Glycol	mg/L		<5
Triethylene Glycol	mg/L		<5
Propylene Glycol	mg/L		<5
Acenaphthene	mg/L		<0.00005
Acenaphthylene	mg/L		<0.00005
Acridine	mg/L		<0.00005
Anthracene	mg/L		<0.00001
Benzo(a)anthracene	mg/L		<0.00001
Benzo(a)pyrene	mg/L		<0.000005
Benzo(b&j)fluoranthene	mg/L		<0.00003
Benzo(g,h,i)perylene	mg/L		<0.00005
Benzo(k)fluoranthene	mg/L		<0.00005
Chrysene	mg/L		<0.00002
Dibenz(a,h)anthracene	mg/L		<0.000003
Fluoranthene	mg/L		<0.00002
Fluorene	mg/L		<0.00005
Indeno(1,2,3-cd)pyrene	mg/L		<0.00005
1-Methylnaphthalene	mg/L		<0.00005
2-Methylnaphthalene	mg/L		<0.0001
Naphthalene	mg/L	0.001	<0.0001
Phenanthrene	mg/L		<0.00005
Pyrene	mg/L		<0.00002
Quinoline	mg/L		<0.00002
Low Molecular Weight PAH's	mg/L		<0.0001
High Molecular Weight PAH's	mg/L		<0.00005
Total PAH	mg/L		<0.0001
VH C6-C10	mg/L		<0.3
1,1,1,2-Tetrachloroethane	mg/L		<0.0005
1,1,1-Trichloroethane	mg/L		<0.0005

Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO₃) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO₃), and Chloride).

Bold text denotes value exceeding guidelines. Note: Not all exceedances are project related.



BC Approved Water
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Short Term Max

WLNG EOP
2025-05-13 08:20

Analyte	Unit		
Organics (cont'd.)			
1,1,2,2-Tetrachloroethane	mg/L		<0.0005
1,1,2Trichloro-1,2,2Trifluoroethane	mg/L		<0.002
1,1,2-Trichloroethane	mg/L		<0.0005
1,1-Dichloroethane	mg/L		<0.0005
1,1-Dichloroethene	mg/L		<0.0005
1,2,3-trichlorobenzene	mg/L		<0.002
1,2,4-trichlorobenzene	mg/L		<0.002
1,2-dibromoethane	mg/L		<0.0002
1,2-Dichlorobenzene	mg/L		<0.0005
1,2-Dichloroethane	mg/L		<0.0005
1,2-Dichloropropane	mg/L		<0.0005
1,3,5-trimethylbenzene	mg/L		<0.002
1,3-Butadiene	mg/L		<0.0005
1,3-Dichlorobenzene	mg/L		<0.0005
1,3-dichloropropane	mg/L		<0.001
1,4-Dichlorobenzene	mg/L		<0.0005
Benzene	mg/L		<0.0004
Bromobenzene	mg/L		<0.002
Bromodichloromethane	mg/L		<0.001
Bromoform	mg/L		<0.001
Bromomethane	mg/L		<0.001
Carbon tetrachloride	mg/L		<0.0005
Chlorobenzene	mg/L		<0.0005
Chloroethane	mg/L		<0.001
Chloroform	mg/L		<0.001
Chloromethane	mg/L		<0.001
cis-1,2-Dichloroethene	mg/L		<0.001
cis-1,3-Dichloropropene	mg/L		<0.001
Dibromochloromethane	mg/L		<0.001
Dichlorodifluoromethane	mg/L		<0.002
Dichloromethane	mg/L		<0.002
Ethylbenzene	mg/L		<0.0004
Hexachlorobutadiene	mg/L		<0.0005
Isopropylbenzene	mg/L		<0.002
Methyl-tert-butylether (MTBE)	mg/L	3.4	<0.004
Styrene	mg/L		<0.0005
Tetrachloroethene	mg/L		<0.0005
Toluene	mg/L		<0.0004

Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO₃) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO₃), and Chloride).

Bold text denotes value exceeding guidelines. Note: Not all exceedances are project related.



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Freshwater Aquatic Life -
Short Term Max

WLNG EOP
2025-05-13 08:20

Analyte	Unit		
Organics (cont'd.)			
trans-1,2-dichloroethene	mg/L		<0.001
trans-1,3-dichloropropene	mg/L		<0.001
Trichloroethene	mg/L		<0.0005
Trichlorofluoromethane	mg/L		<0.004
Vinyl chloride	mg/L		<0.0005
VPH (VH6 to 10 - BTEX)	mg/L		<0.3
Xylenes (Total)	mg/L		<0.0004
m & p-Xylene	mg/L		<0.0004
o-Xylene	mg/L		<0.0004
Phenols	mg/L	0.05	<0.0015

Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO₃) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO₃), and Chloride).

Bold text denotes value exceeding guidelines. Note: Not all exceedances are project related.

 Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	May 12 th to May 18 th , 2025
	Report #	60
	Appendix C	C-3

Woodfibre Site WTP Discharge Field Notes and Logs

		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	May 12, 2025 to May 18, 2025	Prepared by: SD Approved by: BC2 Date: May 23, 2025	

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1. Executive Summary and Notes
2. Discharge Parameter Summary
3. WTP Calibration Log

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- Appendix A- WTP Data Log
- Appendix B- YSI Data Log
- Appendix C- Photos

1. Executive Summary and Field Notes:

The discharged water consistently remained within regulatory guidelines. The key parameters, including temperature, pH, salinity, NTU, conductivity, and oxidation-reduction potential (ORP), were monitored throughout the discharge process and remained within the prescribed limits. No visible sheen observed on top of the WTP tanks and discharged water. All relevant parameters were measured using YSI instruments and WTP probes. The total discharge volume up to May 12 was 247,464 m³.

There were a few instances of elevated NTU in the discharge, primarily due to high NTU levels in the incoming water. Chemical adjustments were made to address the issue and bring it back under control. A few instances of out-of-range pH levels in discharged water have been reported in the self-disclosure report.

Daily Volume Summary:

Table 1: Discharge Volumes Daily Summary

Date	Location	Volume (m3)	Comments
May 12	Woodfibre (WF)	2,442	Exceeded discharge volume limit
May 13	WF	2,369	Exceeded discharge volume limit
May 14	WF	2,203	Exceeded discharge volume limit
May 15	WF	2,462	Exceeded discharge volume limit
May 16	WF	2,452	Exceeded discharge volume limit
May 17	WF	2,447	Exceeded discharge volume limit

		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	WoodFibre Weekly Water Discharge Report	Revision:	0
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May 18	WF	2,582	Exceeded discharge volume limit
Total		16,957	None

		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	May 12, 2025 to May 18, 2025	Prepared by: SD Approved by: BC2 Date: May 23, 2025	

2. Discharge Parameter Summary:

Table 2: Discharge Parameter Summary

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/12/2025	0:00:00	7.1	2.388	0.2	247,464	10.6	285
5/12/2025	0:15:00	7.2	0.238	0.3	247,493	10.7	287
5/12/2025	0:30:00	7.2	2.441	1.4	247,521	10.6	283
5/12/2025	0:45:00	7	2.422	1.1	247,547	10.6	278
5/12/2025	1:00:00	7.2	2.415	0.6	247,573	10.6	277
5/12/2025	1:15:00	7.3	2.445	0.9	247,594	10.6	272
5/12/2025	1:30:00	7.2	2.419	0.2	247,619	10.5	269
5/12/2025	1:45:00	7.2	2.388	0.3	247,641	10.5	267
5/12/2025	2:00:00	7.1	1.802	0.5	247,662	10.6	269
5/12/2025	2:15:00	7.4	2.419	0.4	247,671	10.7	267
5/12/2025	2:30:00	7.5	2.388	0.5	247,695	10.6	112
5/12/2025	2:45:00	7.7	2.369	0.6	247,719	10.6	267
5/12/2025	3:00:00	7.4	0.261	0.7	247,746	10.6	273
5/12/2025	3:15:00	6.8	1.014	0.7	247,775	10.7	278
5/12/2025	3:30:00	7	2.403	1	247,802	10.7	280
5/12/2025	3:45:00	7.7	2.388	1.7	247,819	11	280
5/12/2025	4:00:00	7.6	2.407	1.3	247,842	10.8	282
5/12/2025	4:15:00	7.4	2.369	1.9	247,877	10.7	277
5/12/2025	4:30:00	7.6	1.813	3.1	247,902	10.8	277
5/12/2025	4:45:00	8.1	2.385	0.3	247,936	10.6	267
5/12/2025	5:00:00	8.1	0.995	7.9	247,959	10.6	267

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
May 12, 2025 to May 18, 2025
Prepared by:
SD
Approved by:
BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/12/2025	5:15:00	7.4	2.483	0.6	247,988	10.6	267
5/12/2025	5:30:00	7.5	2.513	0.7	248,020	10.5	273
5/12/2025	5:45:00	7.9	2.483	0.5	248,045	10.6	267
5/12/2025	6:00:00	6.7	0.189	0.6	248,070	10.5	277
5/12/2025	6:15:00	7.5	2.483	0.8	248,077	10.6	278
5/12/2025	6:30:00	7.7	0.212	0.4	248,112	10.4	111
5/12/2025	6:45:00	7.9	2.385	0.2	248,140	10.4	112
5/12/2025	7:00:00	8.1	0.280	0.2	248,168	10.6	112
5/12/2025	7:15:00	7.2	2.445	0.2	248,202	10.5	267
5/12/2025	7:30:00	7.9	2.385	0.2	248,227	10.5	112
5/12/2025	7:45:00	8.2	2.309	0.3	248,262	10.5	112
5/12/2025	8:00:00	8.3	2.441	0.5	248,287	10.5	111
5/12/2025	8:15:00	8.3	2.358	0.1	248,323	10.5	114
5/12/2025	8:30:00	7.3	2.214	0.2	248,348	10.5	114
5/12/2025	8:45:00	6.9	2.339	0.5	248,376	10.6	116
5/12/2025	9:00:00	7	0.201	0	248,402	10.8	270
5/12/2025	9:15:00	7.2	2.226	0	248,434	10.7	116
5/12/2025	9:30:00	7.1	2.195	0	248,455	10.8	270
5/12/2025	9:45:00	7.3	0.132	0	248,476	11	271
5/12/2025	10:00:00	7	2.309	0.1	248,503	10.8	269
5/12/2025	10:15:00	7.2	2.245	0.4	248,526	11	271
5/12/2025	10:30:00	7	2.165	0.2	248,559	10.8	267
5/12/2025	10:45:00	7.1	1.650	4	248,578	11	269
5/12/2025	11:00:00	7.2	2.282	0.5	248,601	11.2	271
5/12/2025	11:15:00	7.5	0.208	0	248,629	11.1	113

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	May 12, 2025 to May 18, 2025	Prepared by: Approved by: Date:	SD BC2 May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/12/2025	11:30:00	7.8	0.185	0	248,656	11.1	114
5/12/2025	11:45:00	8	2.301	0.2	248,680	11.1	114
5/12/2025	12:00:00	8	2.279	0.2	248,701	11.3	114
5/12/2025	12:15:00	7	2.271	0	248,730	11.1	114
5/12/2025	12:30:00	7	2.320	0.5	248,752	11.3	114
5/12/2025	12:45:00	7.6	2.275	0.1	248,787	11.1	114
5/12/2025	13:00:00	7.1	2.267	0	248,810	11.2	114
5/12/2025	13:15:00	7.2	1.711	1	248,841	11.2	114
5/12/2025	13:30:00	7.2	2.290	0.1	248,859	11.3	114
5/12/2025	13:45:00	7.1	0.204	0	248,887	11.3	269
5/12/2025	14:00:00	6.9	1.624	0	248,916	11.3	271
5/12/2025	14:15:00	6.9	2.297	0	248,937	11.3	276
5/12/2025	14:30:00	7	0.360	0	248,969	11.3	273
5/12/2025	14:45:00	7.7	2.252	0.4	248,994	11.4	289
5/12/2025	15:00:00	8.4	2.305	1.7	249,013	11.4	299
5/12/2025	15:15:00	7.3	0.227	0.3	249,039	11.5	310
5/12/2025	15:30:00	7.5	2.263	0.5	249,070	11.3	312
5/12/2025	15:45:00	8.7	1.684	3.1	249,090	11.3	319
5/12/2025	16:00:00	7.3	2.430	2.8	249,115	11.3	361
5/12/2025	16:15:00	7.3	2.373	4.9	249,140	11.6	378
5/12/2025	16:30:00	7.6	0.212	2	249,167	11.6	360
5/12/2025	16:45:00	7.3	2.415	1.5	249,196	11.4	333
5/12/2025	17:00:00	7	0.220	1	249,222	11.5	324
5/12/2025	17:15:00	7	0.238	1.3	249,253	11.4	305
5/12/2025	17:30:00	7.4	2.422	1.1	249,274	11.5	296

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range May 12, 2025 to May 18, 2025

Prepared by:
SD
Approved by:
BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/12/2025	17:45:00	7.3	0.235	0.3	249,299	11.6	293
5/12/2025	18:00:00	7.3	0.227	0.4	249,326	11.5	286
5/12/2025	18:15:00	7.1	1.775	0.9	249,356	11.4	283
5/12/2025	18:30:00	7.1	2.385	0.5	249,382	11.3	278
5/12/2025	18:45:00	7.3	2.328	0.6	249,406	11.3	274
5/12/2025	19:00:00	7.4	1.726	1.1	249,422	11.7	276
5/12/2025	19:15:00	7.3	2.347	0.9	249,453	11.2	276
5/12/2025	19:30:00	7.4	2.316	1	249,479	11.2	273
5/12/2025	19:45:00	7.5	2.290	1.6	249,502	11.2	271
5/12/2025	20:00:00	7	2.358	1.4	249,532	11.2	268
5/12/2025	20:15:00	7.8	0.799	21	249,548	11.1	114
5/12/2025	20:30:00	7.4	1.893	2.5	249,578	11.1	269
5/12/2025	20:45:00	8.2	0.265	0.6	249,597	11.2	112
5/12/2025	21:00:00	8.6	0.250	0.7	249,624	11	111
5/12/2025	21:15:00	7.5	2.434	0.7	249,655	11	270
5/12/2025	21:30:00	8.3	2.472	0.6	249,681	11	112
5/12/2025	21:45:00	7.9	2.449	0.7	249,708	11.1	112
5/12/2025	22:00:00	7.8	2.426	0.5	249,733	11.1	112
5/12/2025	22:15:00	7.9	2.472	1.7	249,757	11.1	113
5/12/2025	22:30:00	7.8	2.419	0.2	249,782	11.3	112
5/12/2025	22:45:00	7.9	2.403	0	249,802	11.4	112
5/12/2025	23:00:00	7	1.805	0.5	249,817	11.3	277
5/12/2025	23:15:00	6.5	2.419	1.1	249,852	11	276
5/12/2025	23:30:00	6.4	0.223	1.6	249,872	11.2	281
5/12/2025	23:45:00	6.5	2.328	1.8	249,907	11	279

Title WoodFibre Weekly Water Discharge Report

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May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/13/2025	0:00:00	6.8	2.407	2	249,932	11	277
5/13/2025	0:15:00	7.1	2.347	2.2	249,959	11.2	279
5/13/2025	0:30:00	7.4	2.449	2	249,983	11	279
5/13/2025	0:45:00	6.7	2.411	2.4	250,009	11.1	286
5/13/2025	1:00:00	7.9	0.231	3.9	250,037	11.1	338
5/13/2025	1:15:00	8.8	1.147	35.7	250,052	10.9	366
5/13/2025	1:30:00	8.3	1.132	18	250,065	11.9	112
5/13/2025	2:00:00	7.2	2.498	11.2	250,121	10.8	495
5/13/2025	2:15:00	7.2	1.298	10.2	250,146	11	492
5/13/2025	2:30:00	7	0.238	0.8	250,168	11	482
5/13/2025	2:45:00	6.8	0.238	1.7	250,188	10.9	463
5/13/2025	3:00:00	6.7	2.430	0.7	250,216	10.7	420
5/13/2025	3:15:00	6.7	2.403	0.4	250,243	10.8	411
5/13/2025	3:30:00	6.6	2.422	0.4	250,275	10.8	394
5/13/2025	3:45:00	6.8	2.403	0.2	250,301	10.8	382
5/13/2025	4:00:00	7.5	2.392	1.6	250,333	10.9	374
5/13/2025	4:15:00	7.6	2.411	0.5	250,359	10.9	359
5/13/2025	4:30:00	7.7	1.840	2.3	250,383	10.9	358
5/13/2025	4:45:00	6.7	2.407	0	250,404	10.9	112
5/13/2025	5:00:00	6.7	2.396	341.8	250,417	13.3	114
5/13/2025	5:15:00	8.3	2.422	0.1	250,436	11.8	330
5/13/2025	5:30:00	7.7	0.893	2	250,464	10.7	346
5/13/2025	5:45:00	6.9	0.201	0	250,487	10.9	368
5/13/2025	6:00:00	7	1.817	0.2	250,518	10.8	373
5/13/2025	6:15:00	6.7	2.369	0.1	250,542	10.8	364

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
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Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/13/2025	6:30:00	6.5	0.363	0	250,575	10.8	351
5/13/2025	6:45:00	6.6	2.396	0.1	250,589	10.8	346
5/13/2025	7:00:00	7.1	2.354	0.1	250,611	10.8	341
5/13/2025	7:15:00	7.1	0.731	1.6	250,638	10.8	353
5/13/2025	7:30:00	7.6	2.438	0.6	250,670	10.8	340
5/13/2025	7:45:00	7.9	2.407	0.8	250,696	10.8	376
5/13/2025	8:00:00	7.5	1.821	1.5	250,721	11	412
5/13/2025	8:15:00	6.9	0.227	0.6	250,748	10.8	399
5/13/2025	8:30:00	6.8	2.180	0.7	250,777	11.1	419
5/13/2025	8:45:00	6.9	2.154	0.7	250,799	10.8	378
5/13/2025	9:00:00	6.8	2.245	0.3	250,827	10.8	356
5/13/2025	9:15:00	6.8	2.207	0.2	250,851	10.8	349
5/13/2025	9:45:00	6.7	1.631	0.5	250,894	11	346
5/13/2025	10:00:00	6.9	2.248	0.4	250,916	11	341
5/13/2025	10:30:00	7.3	1.635	0.1	250,971	11.1	309
5/13/2025	10:45:00	7.3	2.256	0.1	250,990	11.2	300
5/13/2025	11:00:00	7.5	2.203	0.5	251,024	11.3	286
5/13/2025	11:15:00	7.3	2.195	0.4	251,047	11.3	289
5/13/2025	11:45:00	7.6	2.229	0.5	251,097	11.5	279
5/13/2025	12:00:00	7.3	2.210	0.3	251,119	11.6	283
5/13/2025	12:15:00	6.9	1.665	2.5	251,149	11.7	278
5/13/2025	12:30:00	6.7	2.241	0.7	251,170	11.6	283
5/13/2025	12:45:00	6.7	2.192	0.5	251,193	11.8	292
5/13/2025	13:00:00	6.9	1.662	0.3	251,226	11.6	294
5/13/2025	13:15:00	7.1	2.214	0	251,246	11.7	294

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0
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SD
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BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/13/2025	13:30:00	7	2.218	0	251,279	11.7	298
5/13/2025	13:45:00	6.9	2.210	0.1	251,302	11.8	305
5/13/2025	14:15:00	7.1	2.260	0	251,354	11.8	294
5/13/2025	14:45:00	7.4	1.628	0.1	251,405	11.9	281
5/13/2025	15:00:00	6.9	2.267	0.2	251,426	11.8	278
5/13/2025	15:15:00	7.3	2.192	0	251,460	11.7	274
5/13/2025	15:30:00	6.9	1.518	0	251,481	11.7	278
5/13/2025	16:00:00	6.9	2.161	0	251,531	11.7	273
5/13/2025	16:30:00	7.4	2.252	0	251,581	11.7	268
5/13/2025	16:45:00	7	2.150	0	251,602	11.7	273
5/13/2025	17:00:00	7.5	2.078	0	251,634	11.7	268
5/13/2025	17:30:00	7.5	2.123	1.4	251,685	11.7	271
5/13/2025	17:45:00	7.6	2.093	0.2	251,706	11.7	268
5/13/2025	18:00:00	7.7	1.480	0	251,736	11.6	266
5/13/2025	18:15:00	7.2	2.222	0	251,755	11.6	273
5/13/2025	18:30:00	6.9	2.097	0	251,787	11.5	269
5/13/2025	18:45:00	7.5	2.014	0	251,807	11.5	266
5/13/2025	19:00:00	7.6	2.173	0	251,833	11.4	115
5/13/2025	19:15:00	7.7	2.154	0	251,847	11.5	264
5/13/2025	19:30:00	8.3	2.112	0.6	251,879	11.3	264
5/13/2025	20:00:00	7.2	0.886	5	251,928	11.2	276
5/13/2025	20:15:00	7.1	0.360	1.8	251,938	11.3	279
5/13/2025	20:30:00	7.4	2.222	1.4	251,959	11.2	274
5/13/2025	20:45:00	7.7	2.279	3.2	251,992	11.3	269
5/13/2025	21:00:00	7.6	2.328	2.6	252,011	11.3	269

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range May 12, 2025 to May 18, 2025

Prepared by:
SD
Approved by:
BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/13/2025	21:15:00	7.6	2.279	1.8	252,033	11.4	271
5/13/2025	21:45:00	7.9	1.707	4.8	252,087	11.6	273
5/13/2025	22:00:00	7.2	2.237	0.9	252,120	11.4	298
5/13/2025	22:15:00	9.1	0.897	9.9	252,136	11.4	340
5/13/2025	22:30:00	7.3	2.400	1.9	252,165	11.5	371
5/13/2025	23:15:00	7	2.381	1.7	252,238	11.4	322
5/13/2025	23:30:00	7.2	2.305	0.7	252,273	11.4	306
5/14/2025	0:00:00	6.8	2.350	0.4	252,325	11.4	294
5/14/2025	0:15:00	7.6	2.237	0.3	252,360	11.3	283
5/14/2025	0:30:00	8.1	0.424	4	252,380	11.2	278
5/14/2025	0:45:00	7.7	2.320	1.7	252,408	11.2	284
5/14/2025	1:00:00	7.6	1.643	2.3	252,419	11.8	291
5/14/2025	1:15:00	7.2	2.343	0.6	252,441	11.5	304
5/14/2025	1:30:00	6.9	2.297	1	252,476	11.4	310
5/14/2025	1:45:00	6.8	2.350	0.9	252,506	11.4	305
5/14/2025	2:15:00	7.2	1.752	4.4	252,559	11.5	293
5/14/2025	2:30:00	7.4	2.305	0.4	252,582	11.4	283
5/14/2025	3:30:00	7.1	2.297	1	252,666	11.2	273
5/14/2025	3:45:00	6.9	2.229	0.8	252,700	11.2	281
5/14/2025	6:00:00	7.5	2.456	9.2	252,797	11.2	409
5/14/2025	6:45:00	6.9	1.101	18.2	252,831	11.2	475
5/14/2025	7:00:00	7.1	2.472	18.3	252,867	11.3	475
5/14/2025	7:30:00	6.9	2.430	3.1	252,916	11.3	386
5/14/2025	7:45:00	7.1	2.362	2.4	252,952	11.3	370
5/14/2025	8:00:00	7.1	2.350	1.1	252,979	11.2	366

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
May 12, 2025 to May 18, 2025
Prepared by:
SD
Approved by:
BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/14/2025	8:15:00	7.6	2.237	1.4	253,013	11.2	355
5/14/2025	8:30:00	7.7	1.669	4.5	253,034	11.2	355
5/14/2025	8:45:00	7.2	2.218	0.6	253,067	11.1	343
5/14/2025	9:00:00	7.8	1.646	0.8	253,088	11.2	335
5/14/2025	9:15:00	7.2	2.271	0.9	253,120	11.1	335
5/14/2025	9:30:00	7.4	2.248	0.9	253,143	11.2	330
5/14/2025	9:45:00	7.1	2.309	0.9	253,164	11.2	327
5/14/2025	10:00:00	7.3	2.267	3.2	253,198	11.3	371
5/14/2025	10:15:00	7.5	1.435	8.9	253,226	11.4	392
5/14/2025	10:30:00	7	2.279	7	253,260	11.5	386
5/14/2025	10:45:00	7.2	0.238	9.8	253,279	11.7	383
5/14/2025	11:00:00	7	0.242	3.7	253,308	11.7	370
5/14/2025	11:30:00	7.4	2.422	3.6	253,340	11.7	343
5/14/2025	11:45:00	7.2	1.840	8.3	253,374	11.7	337
5/14/2025	12:00:00	7	2.426	1.6	253,408	11.6	324
5/14/2025	12:15:00	6.9	1.639	7.3	253,442	11.6	319
5/14/2025	12:30:00	7	2.301	1.7	253,465	11.7	314
5/14/2025	12:45:00	7	2.282	1.5	253,489	11.8	312
5/14/2025	13:00:00	6.9	2.297	1.7	253,518	11.6	302
5/14/2025	13:15:00	6.9	2.282	1.3	253,542	11.6	299
5/14/2025	14:00:00	7	1.673	4.1	253,613	11.7	299
5/14/2025	14:15:00	7.2	2.313	2.7	253,630	11.7	299
5/14/2025	14:30:00	7.1	2.263	4.7	253,664	11.7	310
5/14/2025	14:45:00	7.1	2.112	5	253,688	11.7	310
5/14/2025	15:00:00	7.1	2.294	5.7	253,721	11.7	312

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
May 12, 2025 to May 18, 2025
Prepared by:
SD
Approved by:
BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/14/2025	15:15:00	7.1	1.745	15	253,739	11.8	314
5/14/2025	15:30:00	7.1	2.297	6	253,773	11.8	307
5/14/2025	15:45:00	7.3	1.711	6.9	253,806	11.9	309
5/14/2025	16:00:00	7.3	2.320	4.5	253,827	11.9	307
5/14/2025	16:15:00	7.2	2.290	5.9	253,861	11.9	304
5/14/2025	16:30:00	7.1	2.332	4.3	253,888	11.9	299
5/14/2025	16:45:00	7.1	2.301	5	253,913	12	298
5/14/2025	17:15:00	7.1	2.347	4.5	253,941	12	296
5/14/2025	17:30:00	7.3	1.790	14	253,964	12.1	293
5/14/2025	17:45:00	7	2.286	1.8	253,994	11.9	286
5/14/2025	18:00:00	7.5	2.245	1.5	254,014	11.9	279
5/14/2025	18:15:00	7.9	2.294	2	254,041	11.8	273
5/14/2025	18:30:00	8	2.271	3.6	254,062	11.8	271
5/14/2025	18:45:00	8	1.635	3.2	254,068	12.3	273
5/14/2025	19:00:00	8.1	2.282	10.1	254,084	11.9	273
5/14/2025	19:15:00	7.4	1.291	16.9	254,107	11.6	284
5/14/2025	19:30:00	7.1	2.313	4	254,126	11.5	284
5/14/2025	19:45:00	7	1.260	7.9	254,159	11.6	284
5/14/2025	20:15:00	6.9	2.377	2.4	254,205	11.6	287
5/14/2025	20:30:00	6.8	2.392	4	254,229	11.6	286
5/14/2025	20:45:00	6.8	2.332	5.2	254,264	11.6	286
5/14/2025	21:00:00	6.9	1.840	5.2	254,284	11.7	291
5/14/2025	21:15:00	6.9	2.350	6	254,319	11.7	288
5/14/2025	21:45:00	6.9	2.385	5.2	254,352	11.7	289
5/14/2025	22:00:00	6.8	2.320	5.8	254,387	11.6	286

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
May 12, 2025 to May 18, 2025
Prepared by:
SD
Approved by:
BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/14/2025	22:30:00	6.8	2.343	3.5	254,442	11.7	293
5/14/2025	22:45:00	6.9	1.843	9.7	254,459	11.7	296
5/14/2025	23:45:00	6.9	2.381	14.2	254,528	11.6	300
5/15/2025	0:00:00	6.8	2.385	12.8	254,549	11.5	292
5/15/2025	0:30:00	6.7	2.407	7.9	254,570	11.4	284
5/15/2025	0:45:00	6.8	1.787	14.1	254,603	11.4	284
5/15/2025	1:15:00	6.8	2.320	2.9	254,660	11.5	286
5/15/2025	1:30:00	6.8	2.282	2.7	254,681	11.5	286
5/15/2025	1:45:00	6.8	2.093	1.9	254,714	11.4	284
5/15/2025	2:00:00	7	2.282	6.9	254,741	11.5	291
5/15/2025	2:15:00	7.1	2.214	2.4	254,759	11.5	294
5/15/2025	2:30:00	7	0.632	16.9	254,782	11.5	289
5/15/2025	2:45:00	7	2.366	2.7	254,814	11.6	286
5/15/2025	3:00:00	7	1.790	2	254,848	11.6	283
5/15/2025	3:15:00	7	2.373	3.2	254,879	11.6	283
5/15/2025	3:30:00	7	2.297	2.7	254,914	11.5	281
5/15/2025	3:45:00	7	2.335	3.5	254,944	11.5	283
5/15/2025	4:00:00	7	2.271	3.1	254,978	11.5	283
5/15/2025	4:15:00	7	1.809	5	254,993	11.6	286
5/15/2025	4:30:00	7.3	2.328	3.9	255,027	11.4	283
5/15/2025	4:45:00	7.2	1.711	4.1	255,060	11.4	278
5/15/2025	5:00:00	7.3	2.339	1.9	255,082	11.4	281
5/15/2025	5:15:00	7.5	2.301	5.5	255,099	11.7	278
5/15/2025	5:30:00	7.1	2.369	2.6	255,118	11.6	281
5/15/2025	6:00:00	7.5	1.779	3.9	255,169	11.4	271

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
May 12, 2025 to May 18, 2025
Prepared by:
SD
Approved by:
BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/15/2025	6:15:00	7.5	2.248	1.6	255,203	11.3	269
5/15/2025	6:30:00	7.3	1.529	3.8	255,225	11.7	273
5/15/2025	7:00:00	7	2.309	3.4	255,250	11.6	278
5/15/2025	7:15:00	6.9	2.385	2	255,273	11.4	276
5/15/2025	7:30:00	6.9	2.294	1.7	255,307	11.4	279
5/15/2025	7:45:00	6.9	1.734	3.6	255,330	11.5	279
5/15/2025	8:00:00	6.8	2.248	1.2	255,364	11.3	278
5/15/2025	8:15:00	7	1.030	3.8	255,392	11.3	277
5/15/2025	8:30:00	7.3	2.354	3.4	255,420	11.2	272
5/15/2025	8:45:00	7.5	2.263	2.2	255,455	11.2	271
5/15/2025	9:00:00	7.2	2.369	1.4	255,483	11.2	277
5/15/2025	9:15:00	7.1	2.422	0.7	255,519	11.2	279
5/15/2025	9:30:00	6.9	2.653	3	255,546	11.2	281
5/15/2025	9:45:00	6.8	2.544	0.3	255,584	11.2	281
5/15/2025	10:00:00	6.8	1.442	0.9	255,618	11.1	277
5/15/2025	10:30:00	6.8	2.369	0	255,676	11.2	277
5/15/2025	10:45:00	6.8	2.407	0.1	255,707	11.2	274
5/15/2025	11:00:00	6.8	2.332	0.4	255,743	11.2	274
5/15/2025	11:15:00	6.8	2.377	0.3	255,758	11.4	276
5/15/2025	11:30:00	6.9	2.305	0	255,793	11.2	276
5/15/2025	11:45:00	6.9	1.207	3.2	255,822	11.2	276
5/15/2025	12:00:00	6.9	2.343	0.7	255,853	11.2	279
5/15/2025	12:30:00	6.9	2.305	1.5	255,908	11.3	282
5/15/2025	12:45:00	6.9	2.154	0.9	255,941	11.3	284
5/15/2025	13:15:00	6.8	2.222	2.2	255,991	11.3	284

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
May 12, 2025 to May 18, 2025
Prepared by:
SD
Approved by:
BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/15/2025	13:30:00	6.8	1.662	1	256,021	11.4	282
5/15/2025	13:45:00	6.7	2.120	0.4	256,041	11.3	282
5/15/2025	14:00:00	6.7	2.014	1.5	256,072	11.3	282
5/15/2025	14:15:00	6.9	2.173	1	256,097	11.3	279
5/15/2025	14:30:00	7.2	2.078	0.7	256,128	11.3	278
5/15/2025	14:45:00	6.9	2.358	2.7	256,150	11.4	279
5/15/2025	15:00:00	7.4	2.256	2.1	256,184	11.4	276
5/15/2025	15:15:00	7.5	1.703	8.3	256,215	11.5	279
5/15/2025	15:30:00	7.1	2.358	2.8	256,237	11.5	279
5/15/2025	15:45:00	7.1	1.681	2.7	256,272	11.5	277
5/15/2025	16:00:00	7.1	2.256	2.7	256,299	12	272
5/15/2025	16:15:00	7.4	2.256	2.1	256,322	11.5	274
5/15/2025	16:30:00	7.4	2.256	3.1	256,350	11.6	274
5/15/2025	16:45:00	7.2	2.229	2.9	256,375	11.5	273
5/15/2025	17:00:00	7.3	1.071	8.8	256,403	11.6	272
5/15/2025	17:30:00	7.2	1.514	2.8	256,457	11.5	269
5/15/2025	17:45:00	7.4	2.169	2.1	256,475	11.5	271
5/15/2025	18:00:00	7.4	2.040	1.1	256,506	11.5	271
5/15/2025	18:15:00	7.3	2.093	1.1	256,532	11.6	269
5/15/2025	18:45:00	7.3	1.461	1.8	256,581	11.6	269
5/15/2025	19:15:00	7.2	1.351	0.3	256,627	11.4	269
5/15/2025	19:30:00	7.2	1.934	2.2	256,649	11.3	264
5/15/2025	19:45:00	7.5	0.454	8.3	256,675	11.2	265
5/15/2025	20:00:00	7.5	2.184	4.4	256,695	11.1	266
5/15/2025	20:15:00	7.6	0.795	5.4	256,720	11.1	266

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range May 12, 2025 to May 18, 2025

Prepared by:
SD
Approved by:
BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/15/2025	20:30:00	7.6	0.435	5.9	256,734	11.1	114
5/15/2025	21:30:00	8.2	2.210	4.5	256,773	11.1	266
5/15/2025	21:45:00	8.1	2.472	4	256,794	11	268
5/15/2025	22:00:00	7.5	2.301	2	256,830	11	268
5/15/2025	22:15:00	7.6	1.226	10	256,851	11	271
5/15/2025	22:30:00	7.1	2.313	2.9	256,882	11.2	276
5/15/2025	22:45:00	7	1.752	3.6	256,911	11.3	276
5/15/2025	23:00:00	6.7	2.241	9.4	256,941	11.2	269
5/15/2025	23:15:00	6.7	1.605	5.6	256,971	11.3	274
5/15/2025	23:30:00	6.8	0.295	12.8	256,990	11.5	278
5/15/2025	23:45:00	6.9	2.180	15.9	257,011	11.4	278
5/16/2025	0:00:00	6.9	1.684	13.2	257,036	11.3	281
5/16/2025	0:15:00	6.8	2.089	7.5	257,067	11.2	281
5/16/2025	0:30:00	6.8	2.188	6.7	257,094	11.5	286
5/16/2025	0:45:00	6.7	2.237	3.2	257,114	11.2	281
5/16/2025	1:00:00	6.7	2.074	2.6	257,146	11.2	281
5/16/2025	1:15:00	6.6	2.044	1.9	257,176	11.2	283
5/16/2025	1:30:00	6.6	1.885	1.7	257,205	11.2	283
5/16/2025	1:45:00	7.4	0.628	2.5	257,216	12.4	426
5/16/2025	2:00:00	6.7	2.441	0.3	257,248	11	284
5/16/2025	2:15:00	6.8	2.403	0.1	257,285	10.9	281
5/16/2025	2:30:00	7.3	2.400	2.1	257,312	10.9	312
5/16/2025	2:45:00	7.1	0.000	9.9	257,334	11.2	392
5/16/2025	3:00:00	6.9	1.109	16.7	257,352	11	456
5/16/2025	3:15:00	7.1	2.544	14.5	257,383	11	441

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
May 12, 2025 to May 18, 2025
Prepared by:
SD
Approved by:
BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/16/2025	3:30:00	7.3	2.494	13.5	257,421	11.1	416
5/16/2025	3:45:00	7.8	1.185	36.9	257,445	11.3	459
5/16/2025	4:00:00	6.6	0.257	16	257,457	11.4	456
5/16/2025	4:15:00	8.5	2.544	51.8	257,484	11.1	530
5/16/2025	4:30:00	8.5	2.453	80.4	257,507	11.1	582
5/16/2025	5:30:00	6.7	2.475	14.9	257,540	10.8	476
5/16/2025	5:45:00	7.1	2.434	30.4	257,576	10.8	517
5/16/2025	6:15:00	5.4	2.559	33.1	257,584	10.9	612
5/16/2025	7:15:00	6.3	2.509	7.4	257,618	11	482
5/16/2025	7:30:00	6.5	2.502	5.3	257,637	11.2	475
5/16/2025	7:45:00	6.7	1.177	3.6	257,668	11	442
5/16/2025	8:00:00	6.9	2.578	2.1	257,702	10.9	407
5/16/2025	8:15:00	6.9	2.544	1.1	257,740	10.9	395
5/16/2025	8:30:00	7	1.533	1.3	257,774	10.9	378
5/16/2025	8:45:00	7.2	2.464	0.9	257,807	10.8	361
5/16/2025	9:00:00	7.3	2.441	0.8	257,844	10.9	371
5/16/2025	9:15:00	7.1	1.945	1.2	257,869	11	376
5/16/2025	9:30:00	7.2	2.487	0.7	257,905	10.9	361
5/16/2025	9:45:00	7.2	2.464	0.6	257,942	11	366
5/16/2025	10:00:00	7.2	1.575	0.8	257,965	11	359
5/16/2025	10:15:00	7	2.604	0.9	257,998	11	351
5/16/2025	10:30:00	7	2.578	0.7	258,037	11.1	354
5/16/2025	10:45:00	7	2.082	0.8	258,054	11.2	356
5/16/2025	11:00:00	7	2.604	1	258,091	11.1	343
5/16/2025	11:15:00	7	0.708	0.7	258,117	11.1	336

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	May 12, 2025 to May 18, 2025	Prepared by: Approved by: Date:	SD BC2 May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/16/2025	11:30:00	6.9	2.055	0.9	258,143	11.1	332
5/16/2025	11:45:00	6.9	2.604	0.7	258,172	11.3	322
5/16/2025	12:00:00	6.9	2.578	0.5	258,201	11.3	331
5/16/2025	12:15:00	6.9	0.273	0.4	258,231	11.3	330
5/16/2025	12:30:00	6.9	2.589	0.7	258,265	11.2	325
5/16/2025	12:45:00	6.9	2.581	0.6	258,293	11.2	325
5/16/2025	13:00:00	7	1.927	1.4	258,313	11.3	325
5/16/2025	13:15:00	7	2.612	1.6	258,351	11.5	337
5/16/2025	13:30:00	7	0.303	1.2	258,385	11.7	344
5/16/2025	13:45:00	7.1	0.273	3.2	258,409	11.8	340
5/16/2025	14:00:00	7.1	2.479	1.3	258,430	11.8	338
5/16/2025	14:15:00	7	0.269	1.3	258,466	11.6	337
5/16/2025	14:30:00	7	1.658	15.1	258,492	11.6	338
5/16/2025	15:00:00	7	2.532	5.1	258,550	11.7	353
5/16/2025	15:15:00	7	2.021	7.7	258,574	11.8	353
5/16/2025	15:30:00	7	2.559	3.5	258,598	11.7	353
5/16/2025	15:45:00	7	2.532	4.4	258,622	11.8	355
5/16/2025	16:15:00	6.9	2.536	4.1	258,671	11.6	338
5/16/2025	16:30:00	6.9	2.521	4.1	258,709	11.6	327
5/16/2025	16:45:00	6.9	1.609	7.9	258,728	11.6	322
5/16/2025	17:00:00	6.9	2.536	3	258,763	11.6	315
5/16/2025	17:15:00	7	2.555	3.5	258,789	11.7	320
5/16/2025	17:30:00	7	1.586	14.1	258,822	11.6	315
5/16/2025	18:00:00	7	2.540	1.8	258,875	11.5	309
5/16/2025	18:15:00	7	1.972	4.2	258,900	11.7	314

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	May 12, 2025 to May 18, 2025	Prepared by: Approved by: Date:	SD BC2 May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/16/2025	18:30:00	7	2.536	1.9	258,936	11.6	309
5/16/2025	18:45:00	7	2.532	1.9	258,962	11.5	309
5/16/2025	19:00:00	7	1.938	14.5	258,988	11.6	304
5/16/2025	19:15:00	7	2.544	2.5	259,012	11.5	304
5/16/2025	19:45:00	6.9	1.287	10.8	259,069	11.4	300
5/16/2025	20:00:00	6.9	2.597	2.2	259,090	11.5	304
5/16/2025	20:15:00	6.9	2.593	2.3	259,117	11.5	299
5/16/2025	20:30:00	6.9	1.597	10.9	259,141	11.5	299
5/16/2025	20:45:00	6.8	2.631	1	259,167	11.5	299
5/16/2025	21:00:00	6.8	0.333	1.8	259,198	11.7	304
5/16/2025	21:15:00	6.8	0.322	2.8	259,224	11.6	303
5/16/2025	21:30:00	6.8	0.223	0.8	259,249	11.6	303
5/16/2025	21:45:00	6.8	2.475	2.6	259,267	11.8	307
5/16/2025	22:00:00	6.8	1.325	1.8	259,299	11.5	300
5/16/2025	22:15:00	7	2.544	0.8	259,317	11.6	299
5/16/2025	22:30:00	7.3	2.536	0.5	259,341	11.7	300
5/16/2025	22:45:00	7.8	0.541	1.1	259,375	11.7	301
5/16/2025	23:00:00	8	2.544	0.3	259,407	11.6	299
5/16/2025	23:15:00	8	2.517	0.3	259,430	11.7	302
5/16/2025	23:30:00	8	1.287	7	259,461	11.6	302
5/16/2025	23:45:00	7.2	0.326	1	259,489	11.7	305
5/17/2025	0:00:00	7	0.734	1.1	259,526	11.7	307
5/17/2025	0:15:00	7	1.983	2	259,551	11.7	305
5/17/2025	0:30:00	7	2.589	1.5	259,581	11.7	298
5/17/2025	0:45:00	7	2.570	1.3	259,607	11.8	296

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
May 12, 2025 to May 18, 2025
Prepared by:
SD
Approved by:
BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/17/2025	1:00:00	7.1	2.014	2	259,634	11.9	296
5/17/2025	1:15:00	7.1	2.570	1	259,656	11.8	291
5/17/2025	1:30:00	7.1	0.208	0.6	259,686	11.7	288
5/17/2025	1:45:00	7.2	1.987	3.4	259,710	11.6	288
5/17/2025	2:00:00	7.4	2.460	0.5	259,746	11.6	286
5/17/2025	2:15:00	7.6	2.449	0.6	259,783	11.7	286
5/17/2025	2:30:00	7.7	1.336	4.4	259,805	11.7	289
5/17/2025	2:45:00	7.6	0.598	0.4	259,826	12	291
5/17/2025	3:00:00	7.7	0.341	0.1	259,860	11.8	286
5/17/2025	3:15:00	7.7	0.273	3.2	259,878	12.1	289
5/17/2025	3:30:00	7.8	2.547	0.2	259,912	11.7	286
5/17/2025	3:45:00	7.7	2.528	0	259,940	12	284
5/17/2025	4:00:00	7.6	1.154	3.2	259,966	12	283
5/17/2025	4:15:00	7.7	0.246	0.8	259,998	11.7	281
5/17/2025	4:30:00	7.8	2.403	0.5	260,027	11.8	283
5/17/2025	4:45:00	7.8	1.836	1.4	260,051	11.9	284
5/17/2025	5:00:00	7.7	1.824	0.7	260,073	12.1	286
5/17/2025	5:15:00	7.7	2.544	0.4	260,111	11.7	279
5/17/2025	5:30:00	7.7	2.006	0.9	260,130	11.8	279
5/17/2025	5:45:00	7.7	2.589	0.7	260,157	11.9	279
5/17/2025	6:00:00	7.7	0.276	0.3	260,186	11.9	278
5/17/2025	6:15:00	7.7	0.227	1.2	260,215	11.7	275
5/17/2025	6:30:00	7.7	0.220	0.2	260,238	11.9	277
5/17/2025	6:45:00	7.6	2.528	14.6	260,262	12	278
5/17/2025	7:00:00	7.6	2.074	0.6	260,282	11.7	275

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
May 12, 2025 to May 18, 2025
Prepared by:
SD
Approved by:
BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/17/2025	7:15:00	7.6	1.132	0.8	260,307	11.6	277
5/17/2025	7:30:00	7.6	2.513	0.5	260,336	11.6	278
5/17/2025	7:45:00	7.7	2.521	0.7	260,362	11.6	274
5/17/2025	8:00:00	7.6	1.896	0.9	260,379	11.6	276
5/17/2025	8:15:00	7.3	2.498	0.9	260,411	11.5	278
5/17/2025	8:30:00	7.3	2.517	1	260,439	11.5	279
5/17/2025	8:45:00	7.5	2.002	0.8	260,466	11.5	279
5/17/2025	9:00:00	7.5	2.506	0.9	260,488	11.5	279
5/17/2025	9:15:00	7.6	2.498	1	260,509	11.5	279
5/17/2025	9:30:00	7.6	1.961	3.9	260,529	11.5	279
5/17/2025	9:45:00	7.7	2.525	0.9	260,554	11.5	278
5/17/2025	10:00:00	7.8	2.521	1.2	260,592	11.5	276
5/17/2025	10:15:00	7.8	1.938	4.7	260,616	11.7	273
5/17/2025	10:45:00	7.9	2.517	1.1	260,677	11.6	274
5/17/2025	11:00:00	7.9	1.953	6.1	260,701	11.8	272
5/17/2025	11:15:00	7.9	2.498	0.4	260,725	11.9	274
5/17/2025	11:30:00	7.9	2.479	0.8	260,762	11.8	274
5/17/2025	11:45:00	7.8	1.911	0.9	260,787	11.9	278
5/17/2025	12:30:00	7.7	1.881	2	260,849	11.9	274
5/17/2025	12:45:00	7.7	2.449	0	260,868	12	273
5/17/2025	13:30:00	7.7	2.483	0	260,950	12	274
5/17/2025	14:00:00	7.7	1.900	4.7	260,982	11.9	271
5/17/2025	14:15:00	7.8	2.517	0.4	261,003	11.8	269
5/17/2025	14:30:00	7.8	2.385	0.3	261,029	11.9	269
5/17/2025	15:00:00	8	2.502	0.3	261,090	11.7	264

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Revision:
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Data Date Range
May 12, 2025 to May 18, 2025
Prepared by:
SD
Approved by:
BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/17/2025	15:15:00	8	2.502	1.1	261,115	11.7	114
5/17/2025	15:45:00	8	2.521	0.9	261,178	11.6	114
5/17/2025	16:00:00	8	2.506	1.3	261,201	11.5	266
5/17/2025	16:15:00	8	1.934	7.2	261,225	11.6	268
5/17/2025	16:30:00	8	2.506	1.9	261,248	11.6	269
5/17/2025	16:45:00	7.9	2.509	2.1	261,275	11.8	273
5/17/2025	17:15:00	7.8	2.502	1.1	261,334	11.6	276
5/17/2025	17:30:00	7.8	2.491	2.7	261,357	11.6	276
5/17/2025	18:00:00	7.9	2.498	1.2	261,395	11.7	276
5/17/2025	18:15:00	7.9	2.479	1.7	261,422	11.5	274
5/17/2025	18:30:00	7.8	1.945	3.4	261,446	11.4	271
5/17/2025	18:45:00	7.8	2.536	1.6	261,469	11.3	271
5/17/2025	19:00:00	7.8	2.532	2.6	261,495	11.4	272
5/17/2025	19:15:00	7.8	1.968	5.7	261,520	11.4	272
5/17/2025	19:30:00	7.7	2.536	1.8	261,543	11.4	276
5/17/2025	19:45:00	7.7	2.528	1.5	261,569	11.4	276
5/17/2025	20:00:00	7.7	1.336	4.5	261,603	11.5	276
5/17/2025	20:30:00	7.7	2.528	1.3	261,632	11.5	276
5/17/2025	20:45:00	7.8	1.949	4.6	261,658	11.6	277
5/17/2025	21:00:00	7.6	2.544	4.5	261,693	11.6	281
5/17/2025	21:30:00	7.1	1.836	4.3	261,740	11.7	281
5/17/2025	21:45:00	6.9	2.396	1.8	261,773	11.6	281
5/17/2025	22:00:00	7	2.411	1.3	261,790	11.7	278
5/17/2025	22:15:00	7.2	1.832	2	261,814	11.8	276
5/17/2025	22:30:00	7.4	2.441	1.4	261,837	11.8	273

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
May 12, 2025 to May 18, 2025
Prepared by:
SD
Approved by:
BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/17/2025	22:45:00	7.6	2.419	1.4	261,873	11.7	276
5/17/2025	23:00:00	7.6	1.870	3.4	261,894	11.7	276
5/17/2025	23:15:00	7.7	2.419	1.1	261,913	11.9	276
5/17/2025	23:30:00	7.7	2.419	0.9	261,949	11.9	278
5/17/2025	23:45:00	7.7	1.858	2.7	261,973	11.8	278
5/18/2025	0:15:00	7.8	2.430	0.9	262,032	11.6	276
5/18/2025	0:30:00	7.7	1.768	2.2	262,041	12.1	278
5/18/2025	0:45:00	7.8	2.419	0.8	262,074	11.6	276
5/18/2025	1:00:00	6.9	2.419	0.5	262,097	11.6	284
5/18/2025	1:15:00	6.9	1.817	1.3	262,131	11.6	279
5/18/2025	1:30:00	7.1	2.396	0.6	262,165	11.6	276
5/18/2025	1:45:00	7.5	2.388	0.7	262,200	11.6	277
5/18/2025	2:00:00	7.6	1.817	1.3	262,224	11.7	276
5/18/2025	2:30:00	7.6	2.403	0.5	262,284	11.6	276
5/18/2025	2:45:00	7.6	1.851	0.9	262,303	11.7	276
5/18/2025	3:00:00	7.6	1.730	0.4	262,324	11.6	276
5/18/2025	3:15:00	7.6	2.434	0.4	262,331	11.6	276
5/18/2025	3:45:00	7.6	2.528	0.5	262,392	11.5	273
5/18/2025	4:00:00	7.6	2.521	0.5	262,415	11.6	273
5/18/2025	4:30:00	7.6	2.525	1.5	262,464	11.6	273
5/18/2025	4:45:00	7.6	2.502	1.4	262,502	11.6	273
5/18/2025	5:00:00	7.6	1.919	1.2	262,528	11.5	273
5/18/2025	5:15:00	7.6	2.494	1.6	262,548	11.5	273
5/18/2025	5:30:00	7.6	2.502	3.1	262,575	11.6	273
5/18/2025	5:45:00	7.6	1.915	14	262,612	11.5	273

Title WoodFibre Weekly Water Discharge Report

Revision:
0
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May 12, 2025 to May 18, 2025
Prepared by:
SD
Approved by:
BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/18/2025	6:00:00	7.6	2.502	1.2	262,637	11.5	273
5/18/2025	6:45:00	7.5	2.509	0.8	262,701	11.5	272
5/18/2025	7:00:00	7.5	2.506	0.4	262,726	11.4	272
5/18/2025	7:15:00	7.5	1.438	2.2	262,763	11.4	271
5/18/2025	7:30:00	7.5	2.502	0.5	262,786	11.4	271
5/18/2025	7:45:00	7.5	2.502	0.4	262,812	11.4	273
5/18/2025	8:00:00	7.5	1.938	0.5	262,849	11.4	271
5/18/2025	8:15:00	7.5	2.532	0.6	262,875	11.4	271
5/18/2025	8:30:00	7.5	2.521	0.5	262,901	11.4	271
5/18/2025	8:45:00	7.5	1.843	8.6	262,928	11.6	274
5/18/2025	9:00:00	7.5	2.547	0.7	262,945	11.4	272
5/18/2025	9:15:00	7.5	2.555	0.7	262,964	11.4	272
5/18/2025	9:30:00	7.6	1.980	0.7	262,988	11.4	272
5/18/2025	9:45:00	7.6	2.559	1.3	263,012	11.4	268
5/18/2025	10:00:00	7.7	2.581	2	263,032	11.4	270
5/18/2025	10:15:00	7.7	2.010	2.4	263,057	11.5	273
5/18/2025	10:30:00	7.1	2.479	2	263,082	11.5	275
5/18/2025	10:45:00	6.9	2.445	1	263,119	11.5	277
5/18/2025	11:00:00	6.9	1.866	1.8	263,141	11.5	278
5/18/2025	11:15:00	7.1	2.464	1.5	263,165	11.5	276
5/18/2025	11:45:00	7.5	1.896	2.5	263,224	11.5	271
5/18/2025	12:00:00	7.6	1.911	1.9	263,243	11.5	273
5/18/2025	12:15:00	7.7	2.479	1.5	263,268	11.5	271
5/18/2025	12:30:00	7.7	2.464	1.9	263,306	11.5	271
5/18/2025	12:45:00	7.7	1.938	2.9	263,325	11.7	271

Title WoodFibre Weekly Water Discharge Report

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May 12, 2025 to May 18, 2025
Prepared by:
SD
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BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/18/2025	13:00:00	7.7	2.506	2	263,350	11.8	271
5/18/2025	13:15:00	7.7	2.506	1.3	263,375	11.8	272
5/18/2025	13:30:00	7.7	1.885	1.4	263,394	11.9	272
5/18/2025	13:45:00	7.7	2.498	0.9	263,430	11.8	271
5/18/2025	14:00:00	7.7	2.517	1.2	263,451	11.9	271
5/18/2025	14:15:00	7.7	1.874	5.8	263,476	12	271
5/18/2025	14:30:00	7.7	2.513	1.1	263,500	11.9	271
5/18/2025	14:45:00	7.7	2.513	0.8	263,524	11.9	271
5/18/2025	15:00:00	7.7	1.870	1.1	263,548	11.9	271
5/18/2025	15:15:00	7.7	2.566	0.7	263,574	11.9	271
5/18/2025	15:30:00	7.7	2.551	2.6	263,600	11.9	271
5/18/2025	16:00:00	7.8	2.562	0.8	263,656	11.8	271
5/18/2025	16:30:00	7.8	1.976	1.9	263,707	11.9	271
5/18/2025	17:00:00	7.8	2.566	1.2	263,738	12	271
5/18/2025	17:15:00	7.7	2.029	1.6	263,773	12.1	271
5/18/2025	17:30:00	7.7	2.555	0.8	263,810	12	271
5/18/2025	17:45:00	7.7	0.583	0.8	263,847	11.9	269
5/18/2025	18:00:00	7.7	2.127	1	263,865	12	269
5/18/2025	18:15:00	7.7	2.532	0.6	263,887	11.9	266
5/18/2025	18:30:00	7.7	0.197	1.1	263,922	11.9	266
5/18/2025	18:45:00	7.7	2.154	3.2	263,941	12	269
5/18/2025	19:00:00	7.7	0.288	1.6	263,963	12.2	269
5/18/2025	19:15:00	7.9	2.532	1.5	263,998	11.9	269
5/18/2025	19:30:00	7.9	2.104	9.3	264,018	12	272
5/18/2025	19:45:00	7.9	0.261	0.9	264,041	12.1	271

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Prepared by:
SD
Approved by:
BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/18/2025	20:00:00	7.7	2.513	0.8	264,076	11.9	271
5/18/2025	20:15:00	7.6	0.151	0.4	264,095	12.2	271
5/18/2025	20:30:00	7.5	2.487	0.6	264,129	11.9	269
5/18/2025	20:45:00	7.5	0.182	0.3	264,155	12.1	269
5/18/2025	21:00:00	7.4	1.896	1.9	264,181	11.9	271
5/18/2025	21:15:00	7.5	2.525	0.5	264,218	11.8	269
5/18/2025	21:30:00	7.6	0.261	0.2	264,249	12	269
5/18/2025	21:45:00	7.5	1.893	1.4	264,277	12	271
5/18/2025	22:00:00	7.6	2.540	0.9	264,314	12	271
5/18/2025	22:15:00	7.4	0.227	0.4	264,327	12.5	273
5/18/2025	22:30:00	7.5	0.276	1.1	264,355	12.1	273
5/18/2025	22:45:00	7.5	2.517	1.1	264,368	12	271
5/18/2025	23:00:00	7.5	0.185	1.1	264,403	11.8	269
5/18/2025	23:15:00	7.5	1.249	1	264,422	11.7	269
5/18/2025	23:30:00	7.5	2.536	0.6	264,452	11.8	268
5/18/2025	23:45:00	7.5	2.532	0.3	264,489	11.8	268

Table 3. In-Situ Parameters

Title WoodFibre Weekly Water Discharge Report

Revision:
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Data Date Range May 12, 2025 to May 18, 2025

Prepared by:
SD
Approved by:
BC2
Date:
May 23, 2025

Date	Time	Temperature °C	DO mg/L	Conductivity SPC-uS/cm	SAL-ppt	pH	ORP (mV)	NTU
05/12/2025	11:56:32AM	11.8	10.54	254.3	0.06	7.31	119.9	2.97
05/13/2025	01:04:55PM	14.1	9.80	438.4	0.21	7.01	128.3	3.60
05/14/2025	02:31:45PM	13.9	10.12	156.6	0.08	7.22	189.6	2.65
05/15/2025	06:24:10PM	12.1	10.01	144.9	0.07	7.10	187.9	2.09
05/16/2025	01:55:13AM	11.4	9.45	176.2	0.08	7.00	235.9	2.65
05/17/2025	12:20:26PM	11.5	11.60	227.5	0.11	8.1	277.8	2.10
05/18/2025	09:15:22AM	10.9	12.41	168.3	0.07	7.51	214.1	3.01

3. Calibration Log:

Table 4. Calibration Log

Date	Unit	pH	Conductivity/Temp.	Salinity	NTU
5/15/2025	YSI	✓	✓	✓	✓
5/15/2025	WTP	✓	N/A	N/A	✓

		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	May 12, 2025 to May 18, 2025	Prepared by: SD Approved by: BC2 Date: May 23, 2025	

APPENDIX A: WTP Log

Title WoodFibre Weekly Water Discharge Report

Revision:
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Data Date Range
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Prepared by:
SD
Approved by:
BC2
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Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/12/2025	0:00:00	7.1	2.388	0.2	247,464	Open	10.6	285
5/12/2025	0:15:00	7.2	0.238	0.3	247,493	Open	10.7	287
5/12/2025	0:30:00	7.2	2.441	1.4	247,521	Open	10.6	283
5/12/2025	0:45:00	7	2.422	1.1	247,547	Open	10.6	278
5/12/2025	1:00:00	7.2	2.415	0.6	247,573	Open	10.6	277
5/12/2025	1:15:00	7.3	2.445	0.9	247,594	Open	10.6	272
5/12/2025	1:30:00	7.2	2.419	0.2	247,619	Open	10.5	269
5/12/2025	1:45:00	7.2	2.388	0.3	247,641	Open	10.5	267
5/12/2025	2:00:00	7.1	1.802	0.5	247,662	Open	10.6	269
5/12/2025	2:15:00	7.4	2.419	0.4	247,671	Open	10.7	267
5/12/2025	2:30:00	7.5	2.388	0.5	247,695	Open	10.6	112
5/12/2025	2:45:00	7.7	2.369	0.6	247,719	Open	10.6	267
5/12/2025	3:00:00	7.4	0.261	0.7	247,746	Open	10.6	273
5/12/2025	3:15:00	6.8	1.014	0.7	247,775	Open	10.7	278
5/12/2025	3:30:00	7	2.403	1	247,802	Open	10.7	280
5/12/2025	3:45:00	7.7	2.388	1.7	247,819	Open	11	280
5/12/2025	4:00:00	7.6	2.407	1.3	247,842	Open	10.8	282
5/12/2025	4:15:00	7.4	2.369	1.9	247,877	Open	10.7	277
5/12/2025	4:30:00	7.6	1.813	3.1	247,902	Open	10.8	277
5/12/2025	4:45:00	8.1	2.385	0.3	247,936	Open	10.6	267
5/12/2025	5:00:00	8.1	0.995	7.9	247,959	Open	10.6	267
5/12/2025	5:15:00	7.4	2.483	0.6	247,988	Open	10.6	267
5/12/2025	5:30:00	7.5	2.513	0.7	248,020	Open	10.5	273
5/12/2025	5:45:00	7.9	2.483	0.5	248,045	Open	10.6	267

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Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/12/2025	6:00:00	6.7	0.189	0.6	248,070	Open	10.5	277
5/12/2025	6:15:00	7.5	2.483	0.8	248,077	Open	10.6	278
5/12/2025	6:30:00	7.7	0.212	0.4	248,112	Open	10.4	111
5/12/2025	6:45:00	7.9	2.385	0.2	248,140	Open	10.4	112
5/12/2025	7:00:00	8.1	0.280	0.2	248,168	Open	10.6	112
5/12/2025	7:15:00	7.2	2.445	0.2	248,202	Open	10.5	267
5/12/2025	7:30:00	7.9	2.385	0.2	248,227	Open	10.5	112
5/12/2025	7:45:00	8.2	2.309	0.3	248,262	Open	10.5	112
5/12/2025	8:00:00	8.3	2.441	0.5	248,287	Open	10.5	111
5/12/2025	8:15:00	8.3	2.358	0.1	248,323	Open	10.5	114
5/12/2025	8:30:00	7.3	2.214	0.2	248,348	Open	10.5	114
5/12/2025	8:45:00	6.9	2.339	0.5	248,376	Open	10.6	116
5/12/2025	9:00:00	7	0.201	0	248,402	Open	10.8	270
5/12/2025	9:15:00	7.2	2.226	0	248,434	Open	10.7	116
5/12/2025	9:30:00	7.1	2.195	0	248,455	Open	10.8	270
5/12/2025	9:45:00	7.3	0.132	0	248,476	Open	11	271
5/12/2025	10:00:00	7	2.309	0.1	248,503	Open	10.8	269
5/12/2025	10:15:00	7.2	2.245	0.4	248,526	Open	11	271
5/12/2025	10:30:00	7	2.165	0.2	248,559	Open	10.8	267
5/12/2025	10:45:00	7.1	1.650	4	248,578	Open	11	269
5/12/2025	11:00:00	7.2	2.282	0.5	248,601	Open	11.2	271
5/12/2025	11:15:00	7.5	0.208	0	248,629	Open	11.1	113
5/12/2025	11:30:00	7.8	0.185	0	248,656	Open	11.1	114
5/12/2025	11:45:00	8	2.301	0.2	248,680	Open	11.1	114
5/12/2025	12:00:00	8	2.279	0.2	248,701	Open	11.3	114
5/12/2025	12:15:00	7	2.271	0	248,730	Open	11.1	114

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5/12/2025	12:30:00	7	2.320	0.5	248,752	Open	11.3	114
5/12/2025	12:45:00	7.6	2.275	0.1	248,787	Open	11.1	114
5/12/2025	13:00:00	7.1	2.267	0	248,810	Open	11.2	114
5/12/2025	13:15:00	7.2	1.711	1	248,841	Open	11.2	114
5/12/2025	13:30:00	7.2	2.290	0.1	248,859	Open	11.3	114
5/12/2025	13:45:00	7.1	0.204	0	248,887	Open	11.3	269
5/12/2025	14:00:00	6.9	1.624	0	248,916	Open	11.3	271
5/12/2025	14:15:00	6.9	2.297	0	248,937	Open	11.3	276
5/12/2025	14:30:00	7	0.360	0	248,969	Open	11.3	273
5/12/2025	14:45:00	7.7	2.252	0.4	248,994	Open	11.4	289
5/12/2025	15:00:00	8.4	2.305	1.7	249,013	Open	11.4	299
5/12/2025	15:15:00	7.3	0.227	0.3	249,039	Open	11.5	310
5/12/2025	15:30:00	7.5	2.263	0.5	249,070	Open	11.3	312
5/12/2025	15:45:00	8.7	1.684	3.1	249,090	Open	11.3	319
5/12/2025	16:00:00	7.3	2.430	2.8	249,115	Open	11.3	361
5/12/2025	16:15:00	7.3	2.373	4.9	249,140	Open	11.6	378
5/12/2025	16:30:00	7.6	0.212	2	249,167	Open	11.6	360
5/12/2025	16:45:00	7.3	2.415	1.5	249,196	Open	11.4	333
5/12/2025	17:00:00	7	0.220	1	249,222	Open	11.5	324
5/12/2025	17:15:00	7	0.238	1.3	249,253	Open	11.4	305
5/12/2025	17:30:00	7.4	2.422	1.1	249,274	Open	11.5	296
5/12/2025	17:45:00	7.3	0.235	0.3	249,299	Open	11.6	293
5/12/2025	18:00:00	7.3	0.227	0.4	249,326	Open	11.5	286
5/12/2025	18:15:00	7.1	1.775	0.9	249,356	Open	11.4	283
5/12/2025	18:30:00	7.1	2.385	0.5	249,382	Open	11.3	278
5/12/2025	18:45:00	7.3	2.328	0.6	249,406	Open	11.3	274

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Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/12/2025	19:00:00	7.4	1.726	1.1	249,422	Open	11.7	276
5/12/2025	19:15:00	7.3	2.347	0.9	249,453	Open	11.2	276
5/12/2025	19:30:00	7.4	2.316	1	249,479	Open	11.2	273
5/12/2025	19:45:00	7.5	2.290	1.6	249,502	Open	11.2	271
5/12/2025	20:00:00	7	2.358	1.4	249,532	Open	11.2	268
5/12/2025	20:15:00	7.8	0.799	21	249,548	Open	11.1	114
5/12/2025	20:30:00	7.4	1.893	2.5	249,578	Open	11.1	269
5/12/2025	20:45:00	8.2	0.265	0.6	249,597	Open	11.2	112
5/12/2025	21:00:00	8.6	0.250	0.7	249,624	Open	11	111
5/12/2025	21:15:00	7.5	2.434	0.7	249,655	Open	11	270
5/12/2025	21:30:00	8.3	2.472	0.6	249,681	Open	11	112
5/12/2025	21:45:00	7.9	2.449	0.7	249,708	Open	11.1	112
5/12/2025	22:00:00	7.8	2.426	0.5	249,733	Open	11.1	112
5/12/2025	22:15:00	7.9	2.472	1.7	249,757	Open	11.1	113
5/12/2025	22:30:00	7.8	2.419	0.2	249,782	Open	11.3	112
5/12/2025	22:45:00	7.9	2.403	0	249,802	Open	11.4	112
5/12/2025	23:00:00	7	1.805	0.5	249,817	Open	11.3	277
5/12/2025	23:15:00	6.5	2.419	1.1	249,852	Open	11	276
5/12/2025	23:30:00	6.4	0.223	1.6	249,872	Open	11.2	281
5/12/2025	23:45:00	6.5	2.328	1.8	249,907	Open	11	279
5/13/2025	0:00:00	6.8	2.407	2	249,932	Open	11	277
5/13/2025	0:15:00	7.1	2.347	2.2	249,959	Open	11.2	279
5/13/2025	0:30:00	7.4	2.449	2	249,983	Open	11	279
5/13/2025	0:45:00	6.7	2.411	2.4	250,009	Open	11.1	286
5/13/2025	1:00:00	7.9	0.231	3.9	250,037	Open	11.1	338
5/13/2025	1:15:00	8.8	1.147	35.7	250,052	Open	10.9	366

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5/13/2025	1:30:00	8.3	1.132	18	250,065	Open	11.9	112
5/13/2025	2:00:00	7.2	2.498	11.2	250,121	Open	10.8	495
5/13/2025	2:15:00	7.2	1.298	10.2	250,146	Open	11	492
5/13/2025	2:30:00	7	0.238	0.8	250,168	Open	11	482
5/13/2025	2:45:00	6.8	0.238	1.7	250,188	Open	10.9	463
5/13/2025	3:00:00	6.7	2.430	0.7	250,216	Open	10.7	420
5/13/2025	3:15:00	6.7	2.403	0.4	250,243	Open	10.8	411
5/13/2025	3:30:00	6.6	2.422	0.4	250,275	Open	10.8	394
5/13/2025	3:45:00	6.8	2.403	0.2	250,301	Open	10.8	382
5/13/2025	4:00:00	7.5	2.392	1.6	250,333	Open	10.9	374
5/13/2025	4:15:00	7.6	2.411	0.5	250,359	Open	10.9	359
5/13/2025	4:30:00	7.7	1.840	2.3	250,383	Open	10.9	358
5/13/2025	4:45:00	6.7	2.407	0	250,404	Open	10.9	112
5/13/2025	5:00:00	6.7	2.396	341.8	250,417	Open	13.3	114
5/13/2025	5:15:00	8.3	2.422	0.1	250,436	Open	11.8	330
5/13/2025	5:30:00	7.7	0.893	2	250,464	Open	10.7	346
5/13/2025	5:45:00	6.9	0.201	0	250,487	Open	10.9	368
5/13/2025	6:00:00	7	1.817	0.2	250,518	Open	10.8	373
5/13/2025	6:15:00	6.7	2.369	0.1	250,542	Open	10.8	364
5/13/2025	6:30:00	6.5	0.363	0	250,575	Open	10.8	351
5/13/2025	6:45:00	6.6	2.396	0.1	250,589	Open	10.8	346
5/13/2025	7:00:00	7.1	2.354	0.1	250,611	Open	10.8	341
5/13/2025	7:15:00	7.1	0.731	1.6	250,638	Open	10.8	353
5/13/2025	7:30:00	7.6	2.438	0.6	250,670	Open	10.8	340
5/13/2025	7:45:00	7.9	2.407	0.8	250,696	Open	10.8	376
5/13/2025	8:00:00	7.5	1.821	1.5	250,721	Open	11	412

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5/13/2025	8:15:00	6.9	0.227	0.6	250,748	Open	10.8	399
5/13/2025	8:30:00	6.8	2.180	0.7	250,777	Open	11.1	419
5/13/2025	8:45:00	6.9	2.154	0.7	250,799	Open	10.8	378
5/13/2025	9:00:00	6.8	2.245	0.3	250,827	Open	10.8	356
5/13/2025	9:15:00	6.8	2.207	0.2	250,851	Open	10.8	349
5/13/2025	9:30:00	6.7	0.000	0.2	250,872	Closed	11	349
5/13/2025	9:45:00	6.7	1.631	0.5	250,894	Open	11	346
5/13/2025	10:00:00	6.9	2.248	0.4	250,916	Open	11	341
5/13/2025	10:15:00	7.1	0.000	0	250,941	Closed	11.2	328
5/13/2025	10:30:00	7.3	1.635	0.1	250,971	Open	11.1	309
5/13/2025	10:45:00	7.3	2.256	0.1	250,990	Open	11.2	300
5/13/2025	11:00:00	7.5	2.203	0.5	251,024	Open	11.3	286
5/13/2025	11:15:00	7.3	2.195	0.4	251,047	Open	11.3	289
5/13/2025	11:30:00	7.6	0.000	1.6	251,072	Closed	11.5	281
5/13/2025	11:45:00	7.6	2.229	0.5	251,097	Open	11.5	279
5/13/2025	12:00:00	7.3	2.210	0.3	251,119	Open	11.6	283
5/13/2025	12:15:00	6.9	1.665	2.5	251,149	Open	11.7	278
5/13/2025	12:30:00	6.7	2.241	0.7	251,170	Open	11.6	283
5/13/2025	12:45:00	6.7	2.192	0.5	251,193	Open	11.8	292
5/13/2025	13:00:00	6.9	1.662	0.3	251,226	Open	11.6	294
5/13/2025	13:15:00	7.1	2.214	0	251,246	Open	11.7	294
5/13/2025	13:30:00	7	2.218	0	251,279	Open	11.7	298
5/13/2025	13:45:00	6.9	2.210	0.1	251,302	Open	11.8	305
5/13/2025	14:00:00	7	0.000	0	251,329	Closed	11.8	301
5/13/2025	14:15:00	7.1	2.260	0	251,354	Open	11.8	294
5/13/2025	14:30:00	7.3	0.000	0	251,383	Closed	11.8	283

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5/13/2025	14:45:00	7.4	1.628	0.1	251,405	Open	11.9	281
5/13/2025	15:00:00	6.9	2.267	0.2	251,426	Open	11.8	278
5/13/2025	15:15:00	7.3	2.192	0	251,460	Open	11.7	274
5/13/2025	15:30:00	6.9	1.518	0	251,481	Open	11.7	278
5/13/2025	15:45:00	7.5	0.000	0	251,507	Closed	11.7	271
5/13/2025	16:00:00	6.9	2.161	0	251,531	Open	11.7	273
5/13/2025	16:15:00	7.3	0.000	0	251,555	Closed	11.9	276
5/13/2025	16:30:00	7.4	2.252	0	251,581	Open	11.7	268
5/13/2025	16:45:00	7	2.150	0	251,602	Open	11.7	273
5/13/2025	17:00:00	7.5	2.078	0	251,634	Open	11.7	268
5/13/2025	17:15:00	7.4	1.287	44.8	251,654	Closed	12	268
5/13/2025	17:30:00	7.5	2.123	1.4	251,685	Open	11.7	271
5/13/2025	17:45:00	7.6	2.093	0.2	251,706	Open	11.7	268
5/13/2025	18:00:00	7.7	1.480	0	251,736	Open	11.6	266
5/13/2025	18:15:00	7.2	2.222	0	251,755	Open	11.6	273
5/13/2025	18:30:00	6.9	2.097	0	251,787	Open	11.5	269
5/13/2025	18:45:00	7.5	2.014	0	251,807	Open	11.5	266
5/13/2025	19:00:00	7.6	2.173	0	251,833	Open	11.4	115
5/13/2025	19:15:00	7.7	2.154	0	251,847	Open	11.5	264
5/13/2025	19:30:00	8.3	2.112	0.6	251,879	Open	11.3	264
5/13/2025	19:45:00	8.3	0.000	0.3	251,900	Closed	11.5	266
5/13/2025	20:00:00	7.2	0.886	5	251,928	Open	11.2	276
5/13/2025	20:15:00	7.1	0.360	1.8	251,938	Open	11.3	279
5/13/2025	20:30:00	7.4	2.222	1.4	251,959	Open	11.2	274
5/13/2025	20:45:00	7.7	2.279	3.2	251,992	Open	11.3	269
5/13/2025	21:00:00	7.6	2.328	2.6	252,011	Open	11.3	269

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May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/13/2025	21:15:00	7.6	2.279	1.8	252,033	Open	11.4	271
5/13/2025	21:30:00	7.7	0.000	1.7	252,060	Closed	11.6	271
5/13/2025	21:45:00	7.9	1.707	4.8	252,087	Open	11.6	273
5/13/2025	22:00:00	7.2	2.237	0.9	252,120	Open	11.4	298
5/13/2025	22:15:00	9.1	0.897	9.9	252,136	Open	11.4	340
5/13/2025	22:30:00	7.3	2.400	1.9	252,165	Open	11.5	371
5/13/2025	22:45:00	7.4	0.000	0.7	252,196	Closed	11.5	363
5/13/2025	23:00:00	7.1	0.000	0.6	252,213	Closed	11.6	355
5/13/2025	23:15:00	7	2.381	1.7	252,238	Open	11.4	322
5/13/2025	23:30:00	7.2	2.305	0.7	252,273	Open	11.4	306
5/13/2025	23:45:00	6.9	0.000	0.4	252,300	Closed	11.5	306
5/14/2025	0:00:00	6.8	2.350	0.4	252,325	Open	11.4	294
5/14/2025	0:15:00	7.6	2.237	0.3	252,360	Open	11.3	283
5/14/2025	0:30:00	8.1	0.424	4	252,380	Open	11.2	278
5/14/2025	0:45:00	7.7	2.320	1.7	252,408	Open	11.2	284
5/14/2025	1:00:00	7.6	1.643	2.3	252,419	Open	11.8	291
5/14/2025	1:15:00	7.2	2.343	0.6	252,441	Open	11.5	304
5/14/2025	1:30:00	6.9	2.297	1	252,476	Open	11.4	310
5/14/2025	1:45:00	6.8	2.350	0.9	252,506	Open	11.4	305
5/14/2025	2:00:00	7	0.000	2	252,536	Closed	11.5	299
5/14/2025	2:15:00	7.2	1.752	4.4	252,559	Open	11.5	293
5/14/2025	2:30:00	7.4	2.305	0.4	252,582	Open	11.4	283
5/14/2025	2:45:00	7.7	0.000	0	252,609	Closed	11.4	278
5/14/2025	3:00:00	7.8	0.000	0	252,625	Closed	11.5	274
5/14/2025	3:15:00	7.6	0.000	0.6	252,641	Closed	11.5	278
5/14/2025	3:30:00	7.1	2.297	1	252,666	Open	11.2	273

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
May 12, 2025 to May 18, 2025
Prepared by:
SD
Approved by:
BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/14/2025	3:45:00	6.9	2.229	0.8	252,700	Open	11.2	281
5/14/2025	4:00:00	9.1	0.715	22.3	252,727	Closed	11.3	376
5/14/2025	4:15:00	9.4	2.135	41.8	252,727	Closed	11.5	469
5/14/2025	4:30:00	9.4	0.000	28.3	252,739	Closed	11.4	477
5/14/2025	4:45:00	6.3	2.449	20.9	252,739	Closed	11.2	523
5/14/2025	5:00:00	8.5	2.385	47.1	252,771	Closed	11.2	530
5/14/2025	5:15:00	7.9	2.566	21.9	252,778	Closed	11.1	472
5/14/2025	5:30:00	7.8	2.509	39.9	252,779	Closed	11.2	493
5/14/2025	5:45:00	7.4	1.953	38.5	252,779	Closed	11.3	465
5/14/2025	6:00:00	7.5	2.456	9.2	252,797	Open	11.2	409
5/14/2025	6:15:00	8.4	1.389	19.6	252,828	Closed	11.2	447
5/14/2025	6:30:00	9.7	2.415	22	252,830	Closed	11.2	468
5/14/2025	6:45:00	6.9	1.101	18.2	252,831	Open	11.2	475
5/14/2025	7:00:00	7.1	2.472	18.3	252,867	Open	11.3	475
5/14/2025	7:15:00	7	1.537	33.6	252,888	Closed	11.5	441
5/14/2025	7:30:00	6.9	2.430	3.1	252,916	Open	11.3	386
5/14/2025	7:45:00	7.1	2.362	2.4	252,952	Open	11.3	370
5/14/2025	8:00:00	7.1	2.350	1.1	252,979	Open	11.2	366
5/14/2025	8:15:00	7.6	2.237	1.4	253,013	Open	11.2	355
5/14/2025	8:30:00	7.7	1.669	4.5	253,034	Open	11.2	355
5/14/2025	8:45:00	7.2	2.218	0.6	253,067	Open	11.1	343
5/14/2025	9:00:00	7.8	1.646	0.8	253,088	Open	11.2	335
5/14/2025	9:15:00	7.2	2.271	0.9	253,120	Open	11.1	335
5/14/2025	9:30:00	7.4	2.248	0.9	253,143	Open	11.2	330
5/14/2025	9:45:00	7.1	2.309	0.9	253,164	Open	11.2	327
5/14/2025	10:00:00	7.3	2.267	3.2	253,198	Open	11.3	371

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Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/14/2025	10:15:00	7.5	1.435	8.9	253,226	Open	11.4	392
5/14/2025	10:30:00	7	2.279	7	253,260	Open	11.5	386
5/14/2025	10:45:00	7.2	0.238	9.8	253,279	Open	11.7	383
5/14/2025	11:00:00	7	0.242	3.7	253,308	Open	11.7	370
5/14/2025	11:15:00	7	0.000	0.8	253,308	Closed	11.9	369
5/14/2025	11:30:00	7.4	2.422	3.6	253,340	Open	11.7	343
5/14/2025	11:45:00	7.2	1.840	8.3	253,374	Open	11.7	337
5/14/2025	12:00:00	7	2.426	1.6	253,408	Open	11.6	324
5/14/2025	12:15:00	6.9	1.639	7.3	253,442	Open	11.6	319
5/14/2025	12:30:00	7	2.301	1.7	253,465	Open	11.7	314
5/14/2025	12:45:00	7	2.282	1.5	253,489	Open	11.8	312
5/14/2025	13:00:00	6.9	2.297	1.7	253,518	Open	11.6	302
5/14/2025	13:15:00	6.9	2.282	1.3	253,542	Open	11.6	299
5/14/2025	13:30:00	6.9	0.000	4.3	253,566	Closed	11.7	304
5/14/2025	13:45:00	6.9	0.000	1.7	253,591	Closed	11.6	299
5/14/2025	14:00:00	7	1.673	4.1	253,613	Open	11.7	299
5/14/2025	14:15:00	7.2	2.313	2.7	253,630	Open	11.7	299
5/14/2025	14:30:00	7.1	2.263	4.7	253,664	Open	11.7	310
5/14/2025	14:45:00	7.1	2.112	5	253,688	Open	11.7	310
5/14/2025	15:00:00	7.1	2.294	5.7	253,721	Open	11.7	312
5/14/2025	15:15:00	7.1	1.745	15	253,739	Open	11.8	314
5/14/2025	15:30:00	7.1	2.297	6	253,773	Open	11.8	307
5/14/2025	15:45:00	7.3	1.711	6.9	253,806	Open	11.9	309
5/14/2025	16:00:00	7.3	2.320	4.5	253,827	Open	11.9	307
5/14/2025	16:15:00	7.2	2.290	5.9	253,861	Open	11.9	304
5/14/2025	16:30:00	7.1	2.332	4.3	253,888	Open	11.9	299

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5/14/2025	16:45:00	7.1	2.301	5	253,913	Open	12	298
5/14/2025	17:00:00	7.1	0.977	13.2	253,934	Closed	12	298
5/14/2025	17:15:00	7.1	2.347	4.5	253,941	Open	12	296
5/14/2025	17:30:00	7.3	1.790	14	253,964	Open	12.1	293
5/14/2025	17:45:00	7	2.286	1.8	253,994	Open	11.9	286
5/14/2025	18:00:00	7.5	2.245	1.5	254,014	Open	11.9	279
5/14/2025	18:15:00	7.9	2.294	2	254,041	Open	11.8	273
5/14/2025	18:30:00	8	2.271	3.6	254,062	Open	11.8	271
5/14/2025	18:45:00	8	1.635	3.2	254,068	Open	12.3	273
5/14/2025	19:00:00	8.1	2.282	10.1	254,084	Open	11.9	273
5/14/2025	19:15:00	7.4	1.291	16.9	254,107	Open	11.6	284
5/14/2025	19:30:00	7.1	2.313	4	254,126	Open	11.5	284
5/14/2025	19:45:00	7	1.260	7.9	254,159	Open	11.6	284
5/14/2025	20:00:00	7	0.276	2	254,186	Closed	11.6	288
5/14/2025	20:15:00	6.9	2.377	2.4	254,205	Open	11.6	287
5/14/2025	20:30:00	6.8	2.392	4	254,229	Open	11.6	286
5/14/2025	20:45:00	6.8	2.332	5.2	254,264	Open	11.6	286
5/14/2025	21:00:00	6.9	1.840	5.2	254,284	Open	11.7	291
5/14/2025	21:15:00	6.9	2.350	6	254,319	Open	11.7	288
5/14/2025	21:30:00	6.9	0.125	4.6	254,330	Closed	12.6	296
5/14/2025	21:45:00	6.9	2.385	5.2	254,352	Open	11.7	289
5/14/2025	22:00:00	6.8	2.320	5.8	254,387	Open	11.6	286
5/14/2025	22:15:00	6.8	2.362	10.4	254,406	Closed	11.9	289
5/14/2025	22:30:00	6.8	2.343	3.5	254,442	Open	11.7	293
5/14/2025	22:45:00	6.9	1.843	9.7	254,459	Open	11.7	296
5/14/2025	23:00:00	6.9	0.136	3.2	254,473	Closed	12	296

Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title WoodFibre Weekly Water Discharge Report

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May 12, 2025 to May 18, 2025

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SD

Approved by:

BC2

Date:

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Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/14/2025	23:15:00	6.9	1.514	21.7	254,496	Closed	11.6	292
5/14/2025	23:30:00	6.9	0.140	13.5	254,511	Closed	11.7	304
5/14/2025	23:45:00	6.9	2.381	14.2	254,528	Open	11.6	300
5/15/2025	0:00:00	6.8	2.385	12.8	254,549	Open	11.5	292
5/15/2025	0:15:00	6.7	2.328	27.5	254,556	Closed	11.4	286
5/15/2025	0:30:00	6.7	2.407	7.9	254,570	Open	11.4	284
5/15/2025	0:45:00	6.8	1.787	14.1	254,603	Open	11.4	284
5/15/2025	1:00:00	6.8	0.000	4.1	254,629	Closed	11.5	289
5/15/2025	1:15:00	6.8	2.320	2.9	254,660	Open	11.5	286
5/15/2025	1:30:00	6.8	2.282	2.7	254,681	Open	11.5	286
5/15/2025	1:45:00	6.8	2.093	1.9	254,714	Open	11.4	284
5/15/2025	2:00:00	7	2.282	6.9	254,741	Open	11.5	291
5/15/2025	2:15:00	7.1	2.214	2.4	254,759	Open	11.5	294
5/15/2025	2:30:00	7	0.632	16.9	254,782	Open	11.5	289
5/15/2025	2:45:00	7	2.366	2.7	254,814	Open	11.6	286
5/15/2025	3:00:00	7	1.790	2	254,848	Open	11.6	283
5/15/2025	3:15:00	7	2.373	3.2	254,879	Open	11.6	283
5/15/2025	3:30:00	7	2.297	2.7	254,914	Open	11.5	281
5/15/2025	3:45:00	7	2.335	3.5	254,944	Open	11.5	283
5/15/2025	4:00:00	7	2.271	3.1	254,978	Open	11.5	283
5/15/2025	4:15:00	7	1.809	5	254,993	Open	11.6	286
5/15/2025	4:30:00	7.3	2.328	3.9	255,027	Open	11.4	283
5/15/2025	4:45:00	7.2	1.711	4.1	255,060	Open	11.4	278
5/15/2025	5:00:00	7.3	2.339	1.9	255,082	Open	11.4	281
5/15/2025	5:15:00	7.5	2.301	5.5	255,099	Open	11.7	278
5/15/2025	5:30:00	7.1	2.369	2.6	255,118	Open	11.6	281

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Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/15/2025	5:45:00	7.7	2.252	3.1	255,138	Closed	11.7	269
5/15/2025	6:00:00	7.5	1.779	3.9	255,169	Open	11.4	271
5/15/2025	6:15:00	7.5	2.248	1.6	255,203	Open	11.3	269
5/15/2025	6:30:00	7.3	1.529	3.8	255,225	Open	11.7	273
5/15/2025	6:45:00	7.1	0.000	2.8	255,237	Closed	11.8	278
5/15/2025	7:00:00	7	2.309	3.4	255,250	Open	11.6	278
5/15/2025	7:15:00	6.9	2.385	2	255,273	Open	11.4	276
5/15/2025	7:30:00	6.9	2.294	1.7	255,307	Open	11.4	279
5/15/2025	7:45:00	6.9	1.734	3.6	255,330	Open	11.5	279
5/15/2025	8:00:00	6.8	2.248	1.2	255,364	Open	11.3	278
5/15/2025	8:15:00	7	1.030	3.8	255,392	Open	11.3	277
5/15/2025	8:30:00	7.3	2.354	3.4	255,420	Open	11.2	272
5/15/2025	8:45:00	7.5	2.263	2.2	255,455	Open	11.2	271
5/15/2025	9:00:00	7.2	2.369	1.4	255,483	Open	11.2	277
5/15/2025	9:15:00	7.1	2.422	0.7	255,519	Open	11.2	279
5/15/2025	9:30:00	6.9	2.653	3	255,546	Open	11.2	281
5/15/2025	9:45:00	6.8	2.544	0.3	255,584	Open	11.2	281
5/15/2025	10:00:00	6.8	1.442	0.9	255,618	Open	11.1	277
5/15/2025	10:15:00	6.8	0.000	0.7	255,648	Closed	11.2	277
5/15/2025	10:30:00	6.8	2.369	0	255,676	Open	11.2	277
5/15/2025	10:45:00	6.8	2.407	0.1	255,707	Open	11.2	274
5/15/2025	11:00:00	6.8	2.332	0.4	255,743	Open	11.2	274
5/15/2025	11:15:00	6.8	2.377	0.3	255,758	Open	11.4	276
5/15/2025	11:30:00	6.9	2.305	0	255,793	Open	11.2	276
5/15/2025	11:45:00	6.9	1.207	3.2	255,822	Open	11.2	276
5/15/2025	12:00:00	6.9	2.343	0.7	255,853	Open	11.2	279

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5/15/2025	12:15:00	6.9	0.000	0.6	255,879	Closed	11.4	282
5/15/2025	12:30:00	6.9	2.305	1.5	255,908	Open	11.3	282
5/15/2025	12:45:00	6.9	2.154	0.9	255,941	Open	11.3	284
5/15/2025	13:00:00	6.8	0.000	0.5	255,963	Closed	11.3	284
5/15/2025	13:15:00	6.8	2.222	2.2	255,991	Open	11.3	284
5/15/2025	13:30:00	6.8	1.662	1	256,021	Open	11.4	282
5/15/2025	13:45:00	6.7	2.120	0.4	256,041	Open	11.3	282
5/15/2025	14:00:00	6.7	2.014	1.5	256,072	Open	11.3	282
5/15/2025	14:15:00	6.9	2.173	1	256,097	Open	11.3	279
5/15/2025	14:30:00	7.2	2.078	0.7	256,128	Open	11.3	278
5/15/2025	14:45:00	6.9	2.358	2.7	256,150	Open	11.4	279
5/15/2025	15:00:00	7.4	2.256	2.1	256,184	Open	11.4	276
5/15/2025	15:15:00	7.5	1.703	8.3	256,215	Open	11.5	279
5/15/2025	15:30:00	7.1	2.358	2.8	256,237	Open	11.5	279
5/15/2025	15:45:00	7.1	1.681	2.7	256,272	Open	11.5	277
5/15/2025	16:00:00	7.1	2.256	2.7	256,299	Open	12	272
5/15/2025	16:15:00	7.4	2.256	2.1	256,322	Open	11.5	274
5/15/2025	16:30:00	7.4	2.256	3.1	256,350	Open	11.6	274
5/15/2025	16:45:00	7.2	2.229	2.9	256,375	Open	11.5	273
5/15/2025	17:00:00	7.3	1.071	8.8	256,403	Open	11.6	272
5/15/2025	17:15:00	7.1	2.161	3.9	256,424	Closed	11.8	273
5/15/2025	17:30:00	7.2	1.514	2.8	256,457	Open	11.5	269
5/15/2025	17:45:00	7.4	2.169	2.1	256,475	Open	11.5	271
5/15/2025	18:00:00	7.4	2.040	1.1	256,506	Open	11.5	271
5/15/2025	18:15:00	7.3	2.093	1.1	256,532	Open	11.6	269
5/15/2025	18:30:00	7.5	1.442	0.1	256,554	Closed	11.8	268

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5/15/2025	18:45:00	7.3	1.461	1.8	256,581	Open	11.6	269
5/15/2025	19:00:00	7.5	0.000	0	256,602	Closed	11.7	268
5/15/2025	19:15:00	7.2	1.351	0.3	256,627	Open	11.4	269
5/15/2025	19:30:00	7.2	1.934	2.2	256,649	Open	11.3	264
5/15/2025	19:45:00	7.5	0.454	8.3	256,675	Open	11.2	265
5/15/2025	20:00:00	7.5	2.184	4.4	256,695	Open	11.1	266
5/15/2025	20:15:00	7.6	0.795	5.4	256,720	Open	11.1	266
5/15/2025	20:30:00	7.6	0.435	5.9	256,734	Open	11.1	114
5/15/2025	20:45:00	7.5	2.456	1.9	256,734	Closed	11	268
5/15/2025	21:00:00	7.7	2.002	2.4	256,734	Closed	11.1	266
5/15/2025	21:15:00	8	1.650	26.5	256,763	Closed	11.1	266
5/15/2025	21:30:00	8.2	2.210	4.5	256,773	Open	11.1	266
5/15/2025	21:45:00	8.1	2.472	4	256,794	Open	11	268
5/15/2025	22:00:00	7.5	2.301	2	256,830	Open	11	268
5/15/2025	22:15:00	7.6	1.226	10	256,851	Open	11	271
5/15/2025	22:30:00	7.1	2.313	2.9	256,882	Open	11.2	276
5/15/2025	22:45:00	7	1.752	3.6	256,911	Open	11.3	276
5/15/2025	23:00:00	6.7	2.241	9.4	256,941	Open	11.2	269
5/15/2025	23:15:00	6.7	1.605	5.6	256,971	Open	11.3	274
5/15/2025	23:30:00	6.8	0.295	12.8	256,990	Open	11.5	278
5/15/2025	23:45:00	6.9	2.180	15.9	257,011	Open	11.4	278
5/16/2025	0:00:00	6.9	1.684	13.2	257,036	Open	11.3	281
5/16/2025	0:15:00	6.8	2.089	7.5	257,067	Open	11.2	281
5/16/2025	0:30:00	6.8	2.188	6.7	257,094	Open	11.5	286
5/16/2025	0:45:00	6.7	2.237	3.2	257,114	Open	11.2	281
5/16/2025	1:00:00	6.7	2.074	2.6	257,146	Open	11.2	281

Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	May 12, 2025 to May 18, 2025	Prepared by: Approved by: Date:	SD BC2 May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/16/2025	1:15:00	6.6	2.044	1.9	257,176	Open	11.2	283
5/16/2025	1:30:00	6.6	1.885	1.7	257,205	Open	11.2	283
5/16/2025	1:45:00	7.4	0.628	2.5	257,216	Open	12.4	426
5/16/2025	2:00:00	6.7	2.441	0.3	257,248	Open	11	284
5/16/2025	2:15:00	6.8	2.403	0.1	257,285	Open	10.9	281
5/16/2025	2:30:00	7.3	2.400	2.1	257,312	Open	10.9	312
5/16/2025	2:45:00	7.1	0.000	9.9	257,334	Open	11.2	392
5/16/2025	3:00:00	6.9	1.109	16.7	257,352	Open	11	456
5/16/2025	3:15:00	7.1	2.544	14.5	257,383	Open	11	441
5/16/2025	3:30:00	7.3	2.494	13.5	257,421	Open	11.1	416
5/16/2025	3:45:00	7.8	1.185	36.9	257,445	Open	11.3	459
5/16/2025	4:00:00	6.6	0.257	16	257,457	Open	11.4	456
5/16/2025	4:15:00	8.5	2.544	51.8	257,484	Open	11.1	530
5/16/2025	4:30:00	8.5	2.453	80.4	257,507	Open	11.1	582
5/16/2025	4:45:00	8.7	0.000	71.4	257,513	Closed	11.1	582
5/16/2025	5:00:00	7.6	2.320	52.8	257,513	Closed	10.9	587
5/16/2025	5:15:00	6.9	1.109	49.1	257,513	Closed	10.8	512
5/16/2025	5:30:00	6.7	2.475	14.9	257,540	Open	10.8	476
5/16/2025	5:45:00	7.1	2.434	30.4	257,576	Open	10.8	517
5/16/2025	6:00:00	6.4	1.113	44.1	257,577	Closed	10.9	558
5/16/2025	6:15:00	5.4	2.559	33.1	257,584	Open	10.9	612
5/16/2025	6:30:00	5.4	1.037	35.8	257,591	Closed	11	583
5/16/2025	6:45:00	5.7	2.339	21.6	257,591	Closed	11	550
5/16/2025	7:00:00	6.1	1.045	13.1	257,591	Closed	11.1	505
5/16/2025	7:15:00	6.3	2.509	7.4	257,618	Open	11	482
5/16/2025	7:30:00	6.5	2.502	5.3	257,637	Open	11.2	475

Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	May 12, 2025 to May 18, 2025	Prepared by: Approved by: Date:	SD BC2 May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/16/2025	7:45:00	6.7	1.177	3.6	257,668	Open	11	442
5/16/2025	8:00:00	6.9	2.578	2.1	257,702	Open	10.9	407
5/16/2025	8:15:00	6.9	2.544	1.1	257,740	Open	10.9	395
5/16/2025	8:30:00	7	1.533	1.3	257,774	Open	10.9	378
5/16/2025	8:45:00	7.2	2.464	0.9	257,807	Open	10.8	361
5/16/2025	9:00:00	7.3	2.441	0.8	257,844	Open	10.9	371
5/16/2025	9:15:00	7.1	1.945	1.2	257,869	Open	11	376
5/16/2025	9:30:00	7.2	2.487	0.7	257,905	Open	10.9	361
5/16/2025	9:45:00	7.2	2.464	0.6	257,942	Open	11	366
5/16/2025	10:00:00	7.2	1.575	0.8	257,965	Open	11	359
5/16/2025	10:15:00	7	2.604	0.9	257,998	Open	11	351
5/16/2025	10:30:00	7	2.578	0.7	258,037	Open	11.1	354
5/16/2025	10:45:00	7	2.082	0.8	258,054	Open	11.2	356
5/16/2025	11:00:00	7	2.604	1	258,091	Open	11.1	343
5/16/2025	11:15:00	7	0.708	0.7	258,117	Open	11.1	336
5/16/2025	11:30:00	6.9	2.055	0.9	258,143	Open	11.1	332
5/16/2025	11:45:00	6.9	2.604	0.7	258,172	Open	11.3	322
5/16/2025	12:00:00	6.9	2.578	0.5	258,201	Open	11.3	331
5/16/2025	12:15:00	6.9	0.273	0.4	258,231	Open	11.3	330
5/16/2025	12:30:00	6.9	2.589	0.7	258,265	Open	11.2	325
5/16/2025	12:45:00	6.9	2.581	0.6	258,293	Open	11.2	325
5/16/2025	13:00:00	7	1.927	1.4	258,313	Open	11.3	325
5/16/2025	13:15:00	7	2.612	1.6	258,351	Open	11.5	337
5/16/2025	13:30:00	7	0.303	1.2	258,385	Open	11.7	344
5/16/2025	13:45:00	7.1	0.273	3.2	258,409	Open	11.8	340
5/16/2025	14:00:00	7.1	2.479	1.3	258,430	Open	11.8	338

Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	May 12, 2025 to May 18, 2025	Prepared by: Approved by: Date:	SD BC2 May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/16/2025	14:15:00	7	0.269	1.3	258,466	Open	11.6	337
5/16/2025	14:30:00	7	1.658	15.1	258,492	Open	11.6	338
5/16/2025	14:45:00	7	0.000	3.1	258,525	Closed	11.6	346
5/16/2025	15:00:00	7	2.532	5.1	258,550	Open	11.7	353
5/16/2025	15:15:00	7	2.021	7.7	258,574	Open	11.8	353
5/16/2025	15:30:00	7	2.559	3.5	258,598	Open	11.7	353
5/16/2025	15:45:00	7	2.532	4.4	258,622	Open	11.8	355
5/16/2025	16:00:00	6.9	1.200	7.6	258,644	Closed	11.7	350
5/16/2025	16:15:00	6.9	2.536	4.1	258,671	Open	11.6	338
5/16/2025	16:30:00	6.9	2.521	4.1	258,709	Open	11.6	327
5/16/2025	16:45:00	6.9	1.609	7.9	258,728	Open	11.6	322
5/16/2025	17:00:00	6.9	2.536	3	258,763	Open	11.6	315
5/16/2025	17:15:00	7	2.555	3.5	258,789	Open	11.7	320
5/16/2025	17:30:00	7	1.586	14.1	258,822	Open	11.6	315
5/16/2025	17:45:00	7	0.000	1.9	258,841	Closed	11.8	315
5/16/2025	18:00:00	7	2.540	1.8	258,875	Open	11.5	309
5/16/2025	18:15:00	7	1.972	4.2	258,900	Open	11.7	314
5/16/2025	18:30:00	7	2.536	1.9	258,936	Open	11.6	309
5/16/2025	18:45:00	7	2.532	1.9	258,962	Open	11.5	309
5/16/2025	19:00:00	7	1.938	14.5	258,988	Open	11.6	304
5/16/2025	19:15:00	7	2.544	2.5	259,012	Open	11.5	304
5/16/2025	19:30:00	7	0.000	2.3	259,045	Closed	11.5	304
5/16/2025	19:45:00	6.9	1.287	10.8	259,069	Open	11.4	300
5/16/2025	20:00:00	6.9	2.597	2.2	259,090	Open	11.5	304
5/16/2025	20:15:00	6.9	2.593	2.3	259,117	Open	11.5	299
5/16/2025	20:30:00	6.9	1.597	10.9	259,141	Open	11.5	299

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
May 12, 2025 to May 18, 2025
Prepared by:
SD
Approved by:
BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/16/2025	20:45:00	6.8	2.631	1	259,167	Open	11.5	299
5/16/2025	21:00:00	6.8	0.333	1.8	259,198	Open	11.7	304
5/16/2025	21:15:00	6.8	0.322	2.8	259,224	Open	11.6	303
5/16/2025	21:30:00	6.8	0.223	0.8	259,249	Open	11.6	303
5/16/2025	21:45:00	6.8	2.475	2.6	259,267	Open	11.8	307
5/16/2025	22:00:00	6.8	1.325	1.8	259,299	Open	11.5	300
5/16/2025	22:15:00	7	2.544	0.8	259,317	Open	11.6	299
5/16/2025	22:30:00	7.3	2.536	0.5	259,341	Open	11.7	300
5/16/2025	22:45:00	7.8	0.541	1.1	259,375	Open	11.7	301
5/16/2025	23:00:00	8	2.544	0.3	259,407	Open	11.6	299
5/16/2025	23:15:00	8	2.517	0.3	259,430	Open	11.7	302
5/16/2025	23:30:00	8	1.287	7	259,461	Open	11.6	302
5/16/2025	23:45:00	7.2	0.326	1	259,489	Open	11.7	305
5/17/2025	0:00:00	7	0.734	1.1	259,526	Open	11.7	307
5/17/2025	0:15:00	7	1.983	2	259,551	Open	11.7	305
5/17/2025	0:30:00	7	2.589	1.5	259,581	Open	11.7	298
5/17/2025	0:45:00	7	2.570	1.3	259,607	Open	11.8	296
5/17/2025	1:00:00	7.1	2.014	2	259,634	Open	11.9	296
5/17/2025	1:15:00	7.1	2.570	1	259,656	Open	11.8	291
5/17/2025	1:30:00	7.1	0.208	0.6	259,686	Open	11.7	288
5/17/2025	1:45:00	7.2	1.987	3.4	259,710	Open	11.6	288
5/17/2025	2:00:00	7.4	2.460	0.5	259,746	Open	11.6	286
5/17/2025	2:15:00	7.6	2.449	0.6	259,783	Open	11.7	286
5/17/2025	2:30:00	7.7	1.336	4.4	259,805	Open	11.7	289
5/17/2025	2:45:00	7.6	0.598	0.4	259,826	Open	12	291
5/17/2025	3:00:00	7.7	0.341	0.1	259,860	Open	11.8	286

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
May 12, 2025 to May 18, 2025
Prepared by:
SD
Approved by:
BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/17/2025	3:15:00	7.7	0.273	3.2	259,878	Open	12.1	289
5/17/2025	3:30:00	7.8	2.547	0.2	259,912	Open	11.7	286
5/17/2025	3:45:00	7.7	2.528	0	259,940	Open	12	284
5/17/2025	4:00:00	7.6	1.154	3.2	259,966	Open	12	283
5/17/2025	4:15:00	7.7	0.246	0.8	259,998	Open	11.7	281
5/17/2025	4:30:00	7.8	2.403	0.5	260,027	Open	11.8	283
5/17/2025	4:45:00	7.8	1.836	1.4	260,051	Open	11.9	284
5/17/2025	5:00:00	7.7	1.824	0.7	260,073	Open	12.1	286
5/17/2025	5:15:00	7.7	2.544	0.4	260,111	Open	11.7	279
5/17/2025	5:30:00	7.7	2.006	0.9	260,130	Open	11.8	279
5/17/2025	5:45:00	7.7	2.589	0.7	260,157	Open	11.9	279
5/17/2025	6:00:00	7.7	0.276	0.3	260,186	Open	11.9	278
5/17/2025	6:15:00	7.7	0.227	1.2	260,215	Open	11.7	275
5/17/2025	6:30:00	7.7	0.220	0.2	260,238	Open	11.9	277
5/17/2025	6:45:00	7.6	2.528	14.6	260,262	Open	12	278
5/17/2025	7:00:00	7.6	2.074	0.6	260,282	Open	11.7	275
5/17/2025	7:15:00	7.6	1.132	0.8	260,307	Open	11.6	277
5/17/2025	7:30:00	7.6	2.513	0.5	260,336	Open	11.6	278
5/17/2025	7:45:00	7.7	2.521	0.7	260,362	Open	11.6	274
5/17/2025	8:00:00	7.6	1.896	0.9	260,379	Open	11.6	276
5/17/2025	8:15:00	7.3	2.498	0.9	260,411	Open	11.5	278
5/17/2025	8:30:00	7.3	2.517	1	260,439	Open	11.5	279
5/17/2025	8:45:00	7.5	2.002	0.8	260,466	Open	11.5	279
5/17/2025	9:00:00	7.5	2.506	0.9	260,488	Open	11.5	279
5/17/2025	9:15:00	7.6	2.498	1	260,509	Open	11.5	279
5/17/2025	9:30:00	7.6	1.961	3.9	260,529	Open	11.5	279

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
May 12, 2025 to May 18, 2025
Prepared by:
SD
Approved by:
BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/17/2025	9:45:00	7.7	2.525	0.9	260,554	Open	11.5	278
5/17/2025	10:00:00	7.8	2.521	1.2	260,592	Open	11.5	276
5/17/2025	10:15:00	7.8	1.938	4.7	260,616	Open	11.7	273
5/17/2025	10:30:00	7.9	0.000	1.3	260,647	Closed	11.6	273
5/17/2025	10:45:00	7.9	2.517	1.1	260,677	Open	11.6	274
5/17/2025	11:00:00	7.9	1.953	6.1	260,701	Open	11.8	272
5/17/2025	11:15:00	7.9	2.498	0.4	260,725	Open	11.9	274
5/17/2025	11:30:00	7.9	2.479	0.8	260,762	Open	11.8	274
5/17/2025	11:45:00	7.8	1.911	0.9	260,787	Open	11.9	278
5/17/2025	12:00:00	7.8	2.396	0.4	260,797	Closed	11.8	272
5/17/2025	12:15:00	7.8	0.643	0	260,820	Closed	11.9	274
5/17/2025	12:30:00	7.7	1.881	2	260,849	Open	11.9	274
5/17/2025	12:45:00	7.7	2.449	0	260,868	Open	12	273
5/17/2025	13:00:00	7.7	0.481	0	260,900	Closed	12.1	273
5/17/2025	13:15:00	7.7	0.549	7.4	260,927	Closed	12	276
5/17/2025	13:30:00	7.7	2.483	0	260,950	Open	12	274
5/17/2025	13:45:00	7.7	0.265	1.1	260,961	Closed	12.2	276
5/17/2025	14:00:00	7.7	1.900	4.7	260,982	Open	11.9	271
5/17/2025	14:15:00	7.8	2.517	0.4	261,003	Open	11.8	269
5/17/2025	14:30:00	7.8	2.385	0.3	261,029	Open	11.9	269
5/17/2025	14:45:00	8	0.231	2.1	261,063	Closed	11.7	266
5/17/2025	15:00:00	8	2.502	0.3	261,090	Open	11.7	264
5/17/2025	15:15:00	8	2.502	1.1	261,115	Open	11.7	114
5/17/2025	15:30:00	8	0.371	3.5	261,151	Closed	11.7	264
5/17/2025	15:45:00	8	2.521	0.9	261,178	Open	11.6	114
5/17/2025	16:00:00	8	2.506	1.3	261,201	Open	11.5	266

Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	May 12, 2025 to May 18, 2025	Prepared by: Approved by: Date:	SD BC2 May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/17/2025	16:15:00	8	1.934	7.2	261,225	Open	11.6	268
5/17/2025	16:30:00	8	2.506	1.9	261,248	Open	11.6	269
5/17/2025	16:45:00	7.9	2.509	2.1	261,275	Open	11.8	273
5/17/2025	17:00:00	7.8	0.000	11.1	261,308	Closed	11.6	276
5/17/2025	17:15:00	7.8	2.502	1.1	261,334	Open	11.6	276
5/17/2025	17:30:00	7.8	2.491	2.7	261,357	Open	11.6	276
5/17/2025	17:45:00	7.9	0.000	2.6	261,380	Closed	11.8	277
5/17/2025	18:00:00	7.9	2.498	1.2	261,395	Open	11.7	276
5/17/2025	18:15:00	7.9	2.479	1.7	261,422	Open	11.5	274
5/17/2025	18:30:00	7.8	1.945	3.4	261,446	Open	11.4	271
5/17/2025	18:45:00	7.8	2.536	1.6	261,469	Open	11.3	271
5/17/2025	19:00:00	7.8	2.532	2.6	261,495	Open	11.4	272
5/17/2025	19:15:00	7.8	1.968	5.7	261,520	Open	11.4	272
5/17/2025	19:30:00	7.7	2.536	1.8	261,543	Open	11.4	276
5/17/2025	19:45:00	7.7	2.528	1.5	261,569	Open	11.4	276
5/17/2025	20:00:00	7.7	1.336	4.5	261,603	Open	11.5	276
5/17/2025	20:15:00	7.6	0.000	2.4	261,611	Closed	11.9	277
5/17/2025	20:30:00	7.7	2.528	1.3	261,632	Open	11.5	276
5/17/2025	20:45:00	7.8	1.949	4.6	261,658	Open	11.6	277
5/17/2025	21:00:00	7.6	2.544	4.5	261,693	Open	11.6	281
5/17/2025	21:15:00	7.7	0.435	4.1	261,714	Closed	11.7	281
5/17/2025	21:30:00	7.1	1.836	4.3	261,740	Open	11.7	281
5/17/2025	21:45:00	6.9	2.396	1.8	261,773	Open	11.6	281
5/17/2025	22:00:00	7	2.411	1.3	261,790	Open	11.7	278
5/17/2025	22:15:00	7.2	1.832	2	261,814	Open	11.8	276
5/17/2025	22:30:00	7.4	2.441	1.4	261,837	Open	11.8	273

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
May 12, 2025 to May 18, 2025
Prepared by:
SD
Approved by:
BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/17/2025	22:45:00	7.6	2.419	1.4	261,873	Open	11.7	276
5/17/2025	23:00:00	7.6	1.870	3.4	261,894	Open	11.7	276
5/17/2025	23:15:00	7.7	2.419	1.1	261,913	Open	11.9	276
5/17/2025	23:30:00	7.7	2.419	0.9	261,949	Open	11.9	278
5/17/2025	23:45:00	7.7	1.858	2.7	261,973	Open	11.8	278
5/18/2025	0:00:00	7.8	0.000	0.4	262,005	Closed	11.6	276
5/18/2025	0:15:00	7.8	2.430	0.9	262,032	Open	11.6	276
5/18/2025	0:30:00	7.7	1.768	2.2	262,041	Open	12.1	278
5/18/2025	0:45:00	7.8	2.419	0.8	262,074	Open	11.6	276
5/18/2025	1:00:00	6.9	2.419	0.5	262,097	Open	11.6	284
5/18/2025	1:15:00	6.9	1.817	1.3	262,131	Open	11.6	279
5/18/2025	1:30:00	7.1	2.396	0.6	262,165	Open	11.6	276
5/18/2025	1:45:00	7.5	2.388	0.7	262,200	Open	11.6	277
5/18/2025	2:00:00	7.6	1.817	1.3	262,224	Open	11.7	276
5/18/2025	2:15:00	7.6	0.000	0.6	262,255	Closed	11.6	277
5/18/2025	2:30:00	7.6	2.403	0.5	262,284	Open	11.6	276
5/18/2025	2:45:00	7.6	1.851	0.9	262,303	Open	11.7	276
5/18/2025	3:00:00	7.6	1.730	0.4	262,324	Open	11.6	276
5/18/2025	3:15:00	7.6	2.434	0.4	262,331	Open	11.6	276
5/18/2025	3:30:00	7.6	0.000	0.4	262,365	Closed	11.5	276
5/18/2025	3:45:00	7.6	2.528	0.5	262,392	Open	11.5	273
5/18/2025	4:00:00	7.6	2.521	0.5	262,415	Open	11.6	273
5/18/2025	4:15:00	7.6	0.806	3.6	262,448	Closed	11.6	272
5/18/2025	4:30:00	7.6	2.525	1.5	262,464	Open	11.6	273
5/18/2025	4:45:00	7.6	2.502	1.4	262,502	Open	11.6	273
5/18/2025	5:00:00	7.6	1.919	1.2	262,528	Open	11.5	273

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
May 12, 2025 to May 18, 2025
Prepared by:
SD
Approved by:
BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/18/2025	5:15:00	7.6	2.494	1.6	262,548	Open	11.5	273
5/18/2025	5:30:00	7.6	2.502	3.1	262,575	Open	11.6	273
5/18/2025	5:45:00	7.6	1.915	14	262,612	Open	11.5	273
5/18/2025	6:00:00	7.6	2.502	1.2	262,637	Open	11.5	273
5/18/2025	6:15:00	7.6	0.000	0.5	262,667	Closed	11.6	273
5/18/2025	6:30:00	7.6	0.000	0.3	262,685	Closed	11.6	273
5/18/2025	6:45:00	7.5	2.509	0.8	262,701	Open	11.5	272
5/18/2025	7:00:00	7.5	2.506	0.4	262,726	Open	11.4	272
5/18/2025	7:15:00	7.5	1.438	2.2	262,763	Open	11.4	271
5/18/2025	7:30:00	7.5	2.502	0.5	262,786	Open	11.4	271
5/18/2025	7:45:00	7.5	2.502	0.4	262,812	Open	11.4	273
5/18/2025	8:00:00	7.5	1.938	0.5	262,849	Open	11.4	271
5/18/2025	8:15:00	7.5	2.532	0.6	262,875	Open	11.4	271
5/18/2025	8:30:00	7.5	2.521	0.5	262,901	Open	11.4	271
5/18/2025	8:45:00	7.5	1.843	8.6	262,928	Open	11.6	274
5/18/2025	9:00:00	7.5	2.547	0.7	262,945	Open	11.4	272
5/18/2025	9:15:00	7.5	2.555	0.7	262,964	Open	11.4	272
5/18/2025	9:30:00	7.6	1.980	0.7	262,988	Open	11.4	272
5/18/2025	9:45:00	7.6	2.559	1.3	263,012	Open	11.4	268
5/18/2025	10:00:00	7.7	2.581	2	263,032	Open	11.4	270
5/18/2025	10:15:00	7.7	2.010	2.4	263,057	Open	11.5	273
5/18/2025	10:30:00	7.1	2.479	2	263,082	Open	11.5	275
5/18/2025	10:45:00	6.9	2.445	1	263,119	Open	11.5	277
5/18/2025	11:00:00	6.9	1.866	1.8	263,141	Open	11.5	278
5/18/2025	11:15:00	7.1	2.464	1.5	263,165	Open	11.5	276
5/18/2025	11:30:00	7.3	0.000	1.5	263,190	Closed	11.6	274

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
May 12, 2025 to May 18, 2025
Prepared by:
SD
Approved by:
BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/18/2025	11:45:00	7.5	1.896	2.5	263,224	Open	11.5	271
5/18/2025	12:00:00	7.6	1.911	1.9	263,243	Open	11.5	273
5/18/2025	12:15:00	7.7	2.479	1.5	263,268	Open	11.5	271
5/18/2025	12:30:00	7.7	2.464	1.9	263,306	Open	11.5	271
5/18/2025	12:45:00	7.7	1.938	2.9	263,325	Open	11.7	271
5/18/2025	13:00:00	7.7	2.506	2	263,350	Open	11.8	271
5/18/2025	13:15:00	7.7	2.506	1.3	263,375	Open	11.8	272
5/18/2025	13:30:00	7.7	1.885	1.4	263,394	Open	11.9	272
5/18/2025	13:45:00	7.7	2.498	0.9	263,430	Open	11.8	271
5/18/2025	14:00:00	7.7	2.517	1.2	263,451	Open	11.9	271
5/18/2025	14:15:00	7.7	1.874	5.8	263,476	Open	12	271
5/18/2025	14:30:00	7.7	2.513	1.1	263,500	Open	11.9	271
5/18/2025	14:45:00	7.7	2.513	0.8	263,524	Open	11.9	271
5/18/2025	15:00:00	7.7	1.870	1.1	263,548	Open	11.9	271
5/18/2025	15:15:00	7.7	2.566	0.7	263,574	Open	11.9	271
5/18/2025	15:30:00	7.7	2.551	2.6	263,600	Open	11.9	271
5/18/2025	15:45:00	7.8	0.000	2.2	263,633	Closed	11.9	271
5/18/2025	16:00:00	7.8	2.562	0.8	263,656	Open	11.8	271
5/18/2025	16:15:00	7.8	0.000	0.7	263,676	Closed	12.1	271
5/18/2025	16:30:00	7.8	1.976	1.9	263,707	Open	11.9	271
5/18/2025	16:45:00	7.7	0.000	1.9	263,708	Closed	12.3	271
5/18/2025	17:00:00	7.8	2.566	1.2	263,738	Open	12	271
5/18/2025	17:15:00	7.7	2.029	1.6	263,773	Open	12.1	271
5/18/2025	17:30:00	7.7	2.555	0.8	263,810	Open	12	271
5/18/2025	17:45:00	7.7	0.583	0.8	263,847	Open	11.9	269
5/18/2025	18:00:00	7.7	2.127	1	263,865	Open	12	269

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
May 12, 2025 to May 18, 2025
Prepared by:
SD
Approved by:
BC2
Date:
May 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/18/2025	18:15:00	7.7	2.532	0.6	263,887	Open	11.9	266
5/18/2025	18:30:00	7.7	0.197	1.1	263,922	Open	11.9	266
5/18/2025	18:45:00	7.7	2.154	3.2	263,941	Open	12	269
5/18/2025	19:00:00	7.7	0.288	1.6	263,963	Open	12.2	269
5/18/2025	19:15:00	7.9	2.532	1.5	263,998	Open	11.9	269
5/18/2025	19:30:00	7.9	2.104	9.3	264,018	Open	12	272
5/18/2025	19:45:00	7.9	0.261	0.9	264,041	Open	12.1	271
5/18/2025	20:00:00	7.7	2.513	0.8	264,076	Open	11.9	271
5/18/2025	20:15:00	7.6	0.151	0.4	264,095	Open	12.2	271
5/18/2025	20:30:00	7.5	2.487	0.6	264,129	Open	11.9	269
5/18/2025	20:45:00	7.5	0.182	0.3	264,155	Open	12.1	269
5/18/2025	21:00:00	7.4	1.896	1.9	264,181	Open	11.9	271
5/18/2025	21:15:00	7.5	2.525	0.5	264,218	Open	11.8	269
5/18/2025	21:30:00	7.6	0.261	0.2	264,249	Open	12	269
5/18/2025	21:45:00	7.5	1.893	1.4	264,277	Open	12	271
5/18/2025	22:00:00	7.6	2.540	0.9	264,314	Open	12	271
5/18/2025	22:15:00	7.4	0.227	0.4	264,327	Open	12.5	273
5/18/2025	22:30:00	7.5	0.276	1.1	264,355	Open	12.1	273
5/18/2025	22:45:00	7.5	2.517	1.1	264,368	Open	12	271
5/18/2025	23:00:00	7.5	0.185	1.1	264,403	Open	11.8	269
5/18/2025	23:15:00	7.5	1.249	1	264,422	Open	11.7	269
5/18/2025	23:30:00	7.5	2.536	0.6	264,452	Open	11.8	268
5/18/2025	23:45:00	7.5	2.532	0.3	264,489	Open	11.8	268

		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	May 12, 2025 to May 18, 2025	Prepared by: SD Approved by: BC2 Date: May 23, 2025	

Appendix B: Photos

		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	May 12, 2025 to May 18, 2025	Prepared by: SD Approved by: BC2 Date: May 23, 2025	

Photo 1: No visible sheen observed in the WTP water, May 12

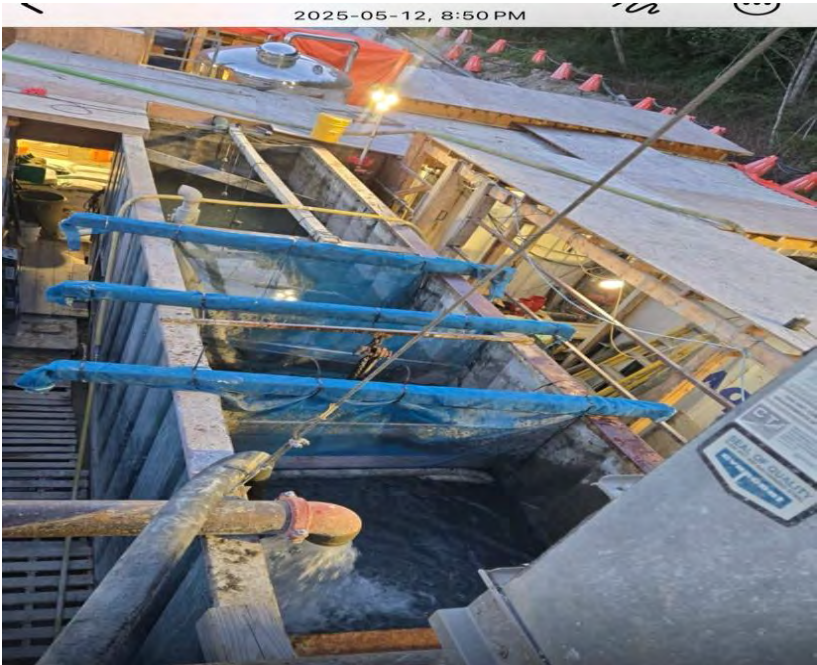
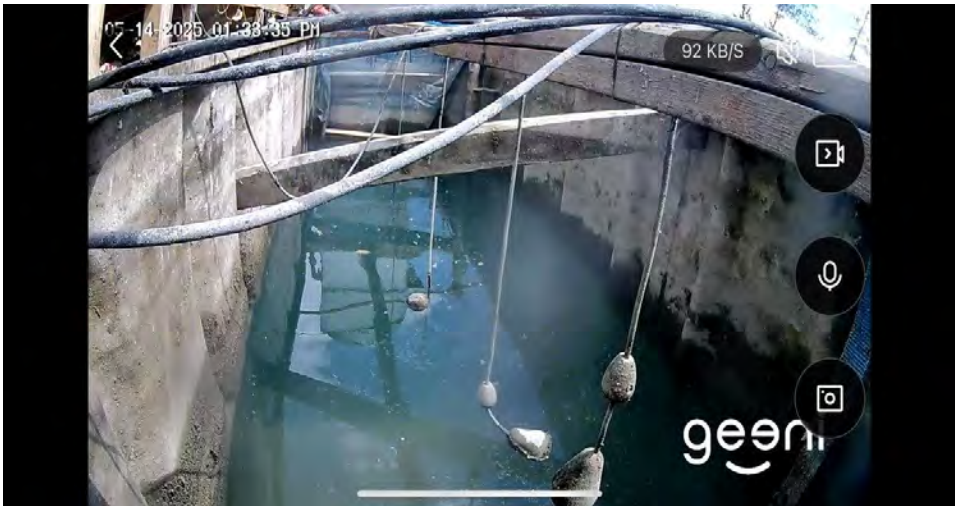
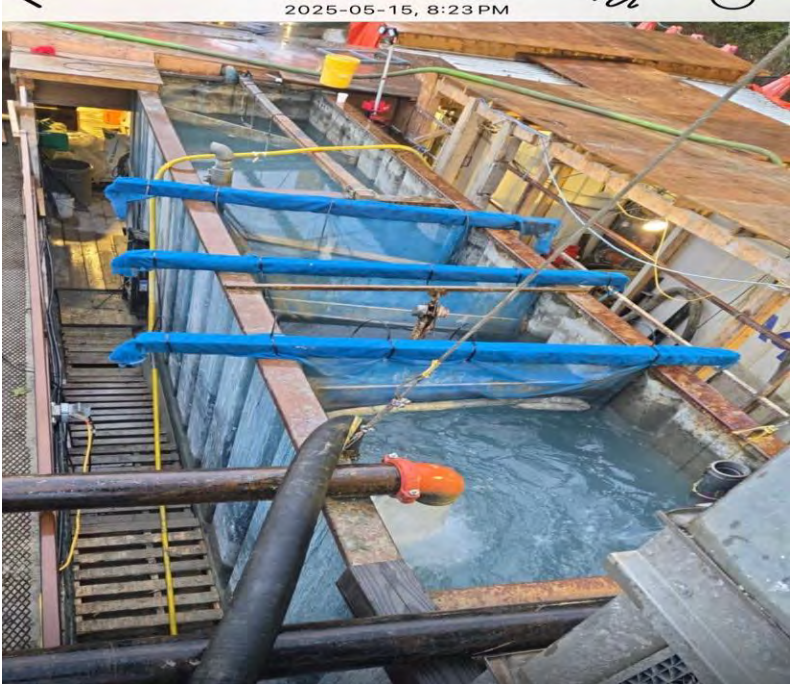


Photo 2: No visible sheen observed in the WTP water, May 14



		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	May 12, 2025 to May 18, 2025	Prepared by: SD Approved by: BC2 Date: May 23, 2025	

Photo 3: No visible sheen observed in the WTP water, May 15



 Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	May 12 th to May 18 th , 2025
	Report #	60
	Appendix E	D-1

Appendix D: Woodfibre Site Receiving Environment Documentation

 Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	May 12 th to May 18 th , 2025
	Report #	60
	Appendix E	D-2

Woodfibre Site Receiving Environment Sample Analysis



Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	WLNG US 2025-05-13 09:00	WLNG DS 2025-05-13 08:40
In situ Parameters									
Field pH	pH Units	6.5 - 9			7 - 8.7			6.86	6.94
Field Temperature	°C	18	19					9.8	10.5
General Parameters									
pH	pH Units							6.49	7.24
Alkalinity (Total as CaCO ₃)	mg/L							5.4	47
Alkalinity (PP as CaCO ₃)	mg/L							<1	<1
Hardness (CaCO ₃)-Total	mg/L							4.65	89.2
Hardness (CaCO ₃)-Dissolved	mg/L							5.8	88.6
Sulphide-Total	mg/L							<0.0018	<0.0018
Sulphide (as H ₂ S)	mg/L			0.002				<0.002	<0.002
Un-ionized Hydrogen Sulfide as H ₂ S-Total	mg/L							<0.005	<0.005
Un-ionized Hydrogen Sulfide as S-Total	mg/L							<0.005	<0.005
Anions and Nutrients									
Ammonia (N)-Total	mg/L	1.83	20.3		20	131		<0.015	<0.015
Bicarbonate (HCO ₃)	mg/L							6.6	57
Carbonate (CO ₃)	mg/L							<1	<1
Hydroxide (OH)	mg/L							<1	<1
Nitrate (N)	mg/L	3	32.8		3.7			<0.02	0.022
Nitrite (N)	mg/L	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	mg/L							<0.02	0.022
Nitrogen (N)-Total	mg/L							0.153	0.211
Phosphorus (P)-Total (4500-P)	mg/L							0.015	0.013
Bromide (Br)	mg/L							<0.01	<0.01
Chloride (Cl)	mg/L	150	600					<1	6.6
Fluoride (F)	mg/L		0.4			1.5		<0.05	0.056
Sulphate (SO ₄)-Dissolved	mg/L	128						1.4	7.7

Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO₃) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO₃), and Chloride).

Bold text denotes value exceeding guidelines. Note: Not all exceedances are project related.

Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.



		BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	WLNG US 2025-05-13 09:00	WLNG DS 2025-05-13 08:40
Analyte	Unit								
Total Metals									
Aluminum (Al)-Total	mg/L	0.042001						0.0649	1.12
Antimony (Sb)-Total	mg/L	0.074	0.25					0.000027	0.000379
Arsenic (As)-Total	mg/L	0.005			0.0125			0.000076	0.00293
Barium (Ba)-Total	mg/L			1				0.0036	0.0113
Beryllium (Be)-Total	mg/L			0.00013			0.1	<0.00001	0.000012
Bismuth (Bi)-Total	mg/L							<0.00001	0.000025
Boron (B)-Total	mg/L	1.2			1.2			<0.01	0.019
Cadmium (Cd)-Total	mg/L						0.00012	0.0000058	0.0000408
Calcium (Ca)-Total	mg/L							1.86	33.9
Cesium (Cs)-Total	mg/L							<0.00005	0.000057
Chromium (Cr)-Total	mg/L							<0.0001	0.00489
Chromium (Cr III)-Total	mg/L			0.0089			0.056	<0.00099	0.0033
Chromium (Cr VI)-Total	mg/L			0.0025			0.0015	<0.00099	0.0016
Cobalt (Co)-Total	mg/L	0.000389						0.000023	0.000125
Copper (Cu)-Total	mg/L				0.002	0.003		0.00048	0.00198
Iron (Fe)-Total	mg/L		1					0.0434	0.179
Lead (Pb)-Total	mg/L				0.002	0.14		0.000038	0.000318
Lithium (Li)-Total	mg/L							<0.0005	0.00143
Magnesium (Mg)-Total	mg/L							<0.25	1.13
Manganese (Mn)-Total	mg/L	0.631	0.604				0.1	0.00205	0.0329
Mercury (Hg)-Total	mg/L	0.00002			0.00002			<0.0000019	<0.0000019
Molybdenum (Mo)-Total	mg/L	7.6	46					0.000307	0.0153
Nickel (Ni)-Total	mg/L						0.0083	0.00024	0.00079
Phosphorus (P)-Total (ICPMS)	mg/L							0.007	0.0172
Potassium (K)-Total	mg/L							<0.25	1.43
Rubidium (Rb)-Total	mg/L							0.000343	0.00311
Selenium (Se)-Total	mg/L	0.002			0.002			<0.00004	0.000052
Silicon (Si)-Total	mg/L							3.77	9.17
Silver (Ag)-Total	mg/L	0.00012				0.0037	0.0005	<0.00001	0.000011
Sodium (Na)-Total	mg/L							1.41	4.56
Strontium (Sr)-Total	mg/L							0.0104	0.0595
Sulphur (S)-Total	mg/L							<3	3.8
Tellurium (Te)-Total	mg/L							<0.00002	<0.00002
Thallium (Tl)-Total	mg/L			0.00003				0.0000021	0.0000107
Thorium (Th)-Total	mg/L							<0.00005	<0.00005
Tin (Sn)-Total	mg/L							<0.0002	<0.0002
Titanium (Ti)-Total	mg/L							<0.002	0.0041
Uranium (U)-Total	mg/L		0.0165	0.0075				0.0000635	0.00331
Vanadium (V)-Total	mg/L			0.06			0.005	<0.0002	0.00229
Zinc (Zn)-Total	mg/L				0.01	0.055		0.0032	0.0164
Zirconium (Zr)-Total	mg/L							<0.0001	0.00021

Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO₃) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO₃), and Chloride).

Bold text denotes value exceeding guidelines. Note: Not all exceedances are project related.

Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.



		BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	WLNG US 2025-05-13 09:00	WLNG DS 2025-05-13 08:40
Analyte	Unit								
Dissolved Metals									
Aluminum (Al)-Dissolved	mg/L							0.0434	0.995
Antimony (Sb)-Dissolved	mg/L							0.000028	0.0001
Arsenic (As)-Dissolved	mg/L							0.000065	0.00309
Barium (Ba)-Dissolved	mg/L							0.0034	0.00955
Beryllium (Be)-Dissolved	mg/L							<0.00001	0.000013
Bismuth (Bi)-Dissolved	mg/L							<0.000005	<0.000005
Boron (B)-Dissolved	mg/L							<0.01	0.011
Cadmium (Cd)-Dissolved	mg/L	0.000026	0.000038					0.000007	0.0000158
Calcium (Ca)-Dissolved	mg/L							1.96	33.7
Cesium (Cs)-Dissolved	mg/L							<0.00005	0.000056
Chromium (Cr)-Dissolved	mg/L							<0.0001	0.00487
Cobalt (Co)-Dissolved	mg/L							0.000022	0.000037
Copper (Cu)-Dissolved	mg/L	0.0002	0.0011					0.000432	0.00102
Iron (Fe)-Dissolved	mg/L		0.35					0.0198	0.0692
Lead (Pb)-Dissolved	mg/L	0.001479						0.000009	0.0000211
Lithium (Li)-Dissolved	mg/L							<0.0005	0.0014
Manganese (Mn)-Dissolved	mg/L							0.00131	0.0173
Magnesium (Mg)-Dissolved	mg/L							0.219	1.1
Mercury (Hg)-Dissolved	mg/L							<0.0000019	<0.0000019
Molybdenum (Mo)-Dissolved	mg/L							0.000383	0.0161
Nickel (Ni)-Dissolved	mg/L	0.0006	0.0094					0.000215	0.000335
Phosphorus (P)-Dissolved	mg/L							<0.002	0.0074
Potassium (K)-Dissolved	mg/L							0.158	1.44
Rubidium (Rb)-Dissolved	mg/L							0.000326	0.00308
Selenium (Se)-Dissolved	mg/L							<0.00004	0.000065
Silicon (Si)-Dissolved	mg/L							4.25	9.37
Silver (Ag)-Dissolved	mg/L							<0.000005	<0.000005
Sodium (Na)-Dissolved	mg/L							1.4	4.52
Strontium (Sr)-Dissolved	mg/L			1.25				0.0103	0.0602
Sulphur (S)-Dissolved	mg/L							<3	<3
Tellurium (Te)-Dissolved	mg/L							<0.00002	<0.00002
Thallium (Tl)-Dissolved	mg/L							<0.000002	0.0000124
Thorium (Th)-Dissolved	mg/L							0.000016	0.0000263
Tin (Sn)-Dissolved	mg/L							<0.0002	<0.0002
Titanium (Ti)-Dissolved	mg/L							<0.0005	<0.0005
Uranium (U)-Dissolved	mg/L							0.00007	0.00353
Vanadium (V)-Dissolved	mg/L							<0.0002	0.00196
Zinc (Zn)-Dissolved	mg/L	0.004654	0.008555					0.00266	0.00485
Zirconium (Zr)-Dissolved	mg/L							<0.0001	0.00025

Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO₃) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO₃), and Chloride).

Bold text denotes value exceeding guidelines. Note: Not all exceedances are project related.

Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.



		BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	WLNG US 2025-05-13 09:00	WLNG DS 2025-05-13 08:40
Analyte	Unit								
Inorganics									
Organic Carbon (C)-Total	mg/L							1.8	10
Organic Carbon (C)-Dissolved	mg/L							1.7	7.3
Solids-Total Dissolved	mg/L							18	160
Solids-Total Suspended	mg/L	7.8	27.8					2.8	2

Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as CaCO₃) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO₃), and Chloride).

Bold text denotes value exceeding guidelines. Note: Not all exceedances are project related.

Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.

 Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	May 12 th to May 18 th , 2025
	Report #	60
	Appendix E	D-3

Woodfibre Site Receiving Environment Field Notes and Logs

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-12 00:00:00	7.78	41.22	0.158	7.20	10.63	3.68
SQU-DS	2025-05-12 00:15:00	7.73	41.13	0.17	7.20	10.64	1.04
SQU-DS	2025-05-12 00:30:00	7.69	40.94	0.15	7.20	10.63	1.69
SQU-DS	2025-05-12 00:45:00	7.64	40.94	0.16	7.20	10.65	2.93
SQU-DS	2025-05-12 01:00:00	7.59	40.67	0.17	7.19	10.66	1.21
SQU-DS	2025-05-12 01:15:00	7.54	40.64	0.18	7.20	10.67	1.20
SQU-DS	2025-05-12 01:30:00	7.49	40.58	0.14	7.20	10.66	2.22
SQU-DS	2025-05-12 01:45:00	7.45	40.46	0.15	7.20	10.70	3.45
SQU-DS	2025-05-12 02:00:00	7.39	40.34	0.16	7.20	10.72	1.85
SQU-DS	2025-05-12 02:15:00	7.36	40.18	0.17	7.21	10.71	0.95
SQU-DS	2025-05-12 02:30:00	7.31	40.18	0.15	7.21	10.74	1.46
SQU-DS	2025-05-12 02:45:00	7.25	40.15	0.16	7.21	10.75	1.32
SQU-DS	2025-05-12 03:00:00	7.21	40.03	0.16	7.22	10.76	1.58
SQU-DS	2025-05-12 03:15:00	7.17	39.91	0.17	7.22	10.79	1.61
SQU-DS	2025-05-12 03:30:00	7.13	39.76	0.14	7.23	10.79	1.70
SQU-DS	2025-05-12 03:45:00	7.08	39.75	0.16	7.23	10.81	1.80
SQU-DS	2025-05-12 04:00:00	7.04	39.59	0.17	7.23	10.81	1.54
SQU-DS	2025-05-12 04:15:00	6.99	39.47	0.17	7.23	10.82	1.18
SQU-DS	2025-05-12 04:30:00	6.95	39.44	0.15	7.21	10.82	0.74
SQU-DS	2025-05-12 04:45:00	6.89	39.37	0.16	7.22	10.85	1.15
SQU-DS	2025-05-12 05:00:00	6.83	39.41	0.17	7.22	10.86	2.05
SQU-DS	2025-05-12 05:15:00	6.79	39.40	0.18	7.20	10.87	2.25
SQU-DS	2025-05-12 05:30:00	6.73	39.49	0.15	7.24	10.89	1.36
SQU-DS	2025-05-12 05:45:00	6.71	39.70	0.15	7.23	10.89	1.51
SQU-DS	2025-05-12 06:00:00	6.68	40.22	0.16	7.22	10.89	1.21
SQU-DS	2025-05-12 06:15:00	6.66	40.21	0.17	7.22	10.90	1.15
SQU-DS	2025-05-12 06:30:00	6.64	40.57	0.15	7.22	10.89	1.65
SQU-DS	2025-05-12 06:45:00	6.61	40.77	0.16	7.22	10.90	0.68
SQU-DS	2025-05-12 07:00:00	6.60	40.86	0.16	7.21	10.91	0.63
SQU-DS	2025-05-12 07:15:00	6.59	40.89	0.17	7.21	10.92	0.48
SQU-DS	2025-05-12 07:30:00	6.57	40.87	0.15	7.21	10.92	2.38
SQU-DS	2025-05-12 07:45:00	6.58	40.60	0.15	7.20	10.94	1.55
SQU-DS	2025-05-12 08:00:00	6.60	40.48	0.16	7.19	10.96	10.21
SQU-DS	2025-05-12 08:15:00	6.62	40.46	0.17	7.19	10.97	1.82
SQU-DS	2025-05-12 08:30:00	6.65	40.28	0.15	7.20	10.98	1.91
SQU-DS	2025-05-12 08:45:00	6.70	40.20	0.16	7.20	10.99	1.14
SQU-DS	2025-05-12 09:00:00	6.74	40.02	0.16	7.20	11.01	2.30
SQU-DS	2025-05-12 09:15:00	6.79	39.96	0.17	7.20	11.03	1.27
SQU-DS	2025-05-12 09:30:00	6.87	39.97	0.14	7.21	11.02	1.60
SQU-DS	2025-05-12 09:45:00	6.93	40.14	0.15	7.21	11.01	1.30
SQU-DS	2025-05-12 10:00:00	6.97	40.28	0.16	7.20	11.02	1.02
SQU-DS	2025-05-12 10:15:00	7.04	40.35	0.17	7.21	11.01	1.95
SQU-DS	2025-05-12 10:30:00	7.12	40.51	0.15	7.21	11.01	1.89
SQU-DS	2025-05-12 10:45:00	7.22	40.51	0.16	7.21	11.01	0.92
SQU-DS	2025-05-12 11:00:00	7.30	40.39	0.16	7.22	11.01	1.00
SQU-DS	2025-05-12 11:15:00	7.38	40.36	0.17	7.21	11.00	1.99
SQU-DS	2025-05-12 11:30:00	7.49	40.28	0.15	7.22	11.01	2.69
SQU-DS	2025-05-12 11:45:00	7.58	40.12	0.16	7.22	11.00	1.64
SQU-DS	2025-05-12 12:00:00	7.68	40.06	0.16	7.22	11.00	0.78
SQU-DS	2025-05-12 12:15:00	7.79	40.20	0.17	7.23	10.98	0.38
SQU-DS	2025-05-12 12:30:00	7.90	40.12	0.15	7.23	10.97	2.01
SQU-DS	2025-05-12 12:45:00	8.00	40.25	0.15	7.23	10.96	1.19
SQU-DS	2025-05-12 13:00:00	8.11	40.32	0.16	7.23	10.95	8.36
SQU-DS	2025-05-12 13:15:00	8.22	40.20	0.17	7.23	10.93	0.40
SQU-DS	2025-05-12 13:30:00	8.32	40.15	0.14	7.24	10.91	1.49

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-12 13:45:00	8.43	40.16	0.15	7.24	10.91	1.03
SQU-DS	2025-05-12 14:00:00	8.53	40.11	0.16	7.24	10.88	3.74
SQU-DS	2025-05-12 14:15:00	8.60	40.40	0.17	7.24	10.86	1.10
SQU-DS	2025-05-12 14:30:00	8.67	40.24	0.15	7.24	10.85	1.09
SQU-DS	2025-05-12 14:45:00	8.75	40.19	0.15	7.24	10.83	1.25
SQU-DS	2025-05-12 15:00:00	8.90	40.22	0.16	7.24	10.83	1.17
SQU-DS	2025-05-12 15:15:00	8.99	40.16	0.17	7.24	10.80	0.56
SQU-DS	2025-05-12 15:30:00	9.04	40.36	0.14	7.24	10.77	1.12
SQU-DS	2025-05-12 15:45:00	9.10	40.35	0.15	7.24	10.77	2.24
SQU-DS	2025-05-12 16:00:00	9.07	40.40	0.16	7.25	10.75	1.09
SQU-DS	2025-05-12 16:15:00	9.03	40.62	0.17	7.24	10.74	1.94
SQU-DS	2025-05-12 16:30:00	9.13	40.58	0.15	7.25	10.71	4.38
SQU-DS	2025-05-12 16:45:00	9.28	40.60	0.16	7.25	10.70	1.14
SQU-DS	2025-05-12 17:00:00	9.38	40.53	0.17	7.26	10.70	1.49
SQU-DS	2025-05-12 17:15:00	9.40	40.47	0.17	7.27	10.68	1.04
SQU-DS	2025-05-12 17:30:00	9.41	40.33	0.14	7.28	10.67	1.37
SQU-DS	2025-05-12 17:45:00	9.44	40.00	0.15	7.29	10.66	1.61
SQU-DS	2025-05-12 18:00:00	9.43	39.83	0.16	7.30	10.65	1.11
SQU-DS	2025-05-12 18:15:00	9.41	40.03	0.17	7.30	10.63	1.09
SQU-DS	2025-05-12 18:30:00	9.38	39.82	0.16	7.30	10.63	0.61
SQU-DS	2025-05-12 18:45:00	9.32	39.74	0.16	7.29	10.62	0.42
SQU-DS	2025-05-12 19:00:00	9.27	39.80	0.17	7.31	10.65	0.91
SQU-DS	2025-05-12 19:15:00	9.22	39.85	0.18	7.31	10.54	0.48
SQU-DS	2025-05-12 19:30:00	9.15	39.99	0.14	7.31	10.63	1.24
SQU-DS	2025-05-12 19:45:00	9.07	39.98	0.15	7.31	10.60	0.68
SQU-DS	2025-05-12 20:00:00	8.97	40.58	0.16	7.26	10.60	0.66
SQU-DS	2025-05-12 20:15:00	8.89	41.12	0.17	7.27	10.59	1.47
SQU-DS	2025-05-12 20:30:00	8.83	41.77	0.15	7.29	10.55	0.43
SQU-DS	2025-05-12 20:45:00	8.78	42.17	0.16	7.27	10.57	2.00
SQU-DS	2025-05-12 21:00:00	8.76	42.94	0.16	7.27	10.53	1.31
SQU-DS	2025-05-12 21:15:00	8.72	43.38	0.17	7.19	10.51	0.19
SQU-DS	2025-05-12 21:30:00	8.73	43.27	0.14	7.25	10.49	0.64
SQU-DS	2025-05-12 21:45:00	8.72	42.87	0.14	7.26	10.47	1.92
SQU-DS	2025-05-12 22:00:00	8.68	42.75	0.16	7.25	10.48	0.79
SQU-DS	2025-05-12 22:15:00	8.65	43.32	0.16	7.24	10.46	0.91
SQU-DS	2025-05-12 22:30:00	8.65	43.20	0.16	7.24	10.44	0.35
SQU-DS	2025-05-12 22:45:00	8.64	43.50	0.16	7.22	10.44	1.59
SQU-DS	2025-05-12 23:00:00	8.62	43.24	0.17	7.23	10.44	2.56
SQU-DS	2025-05-12 23:15:00	8.60	43.39	0.18	7.23	10.44	0.75
SQU-DS	2025-05-12 23:30:00	8.56	44.15	0.15	7.24	10.44	1.67
SQU-DS	2025-05-12 23:45:00	8.54	42.86	0.15	7.23	10.45	2.06
SQU-DS	2025-05-13 00:00:00	8.49	42.30	0.16	7.23	10.45	1.88
SQU-DS	2025-05-13 00:15:00	8.45	41.88	0.17	7.22	10.46	1.90
SQU-DS	2025-05-13 00:30:00	8.40	41.77	0.16	7.22	10.46	1.78
SQU-DS	2025-05-13 00:45:00	8.36	41.61	0.16	7.21	10.47	1.97
SQU-DS	2025-05-13 01:00:00	8.30	41.29	0.17	7.22	10.49	1.84
SQU-DS	2025-05-13 01:15:00	8.24	41.20	0.18	7.22	10.51	20.32
SQU-DS	2025-05-13 01:30:00	8.17	40.99	0.15	7.22	10.52	1.88
SQU-DS	2025-05-13 01:45:00	8.11	41.05	0.16	7.21	10.53	1.68
SQU-DS	2025-05-13 02:00:00	8.04	40.83	0.16	7.22	10.56	4.63
SQU-DS	2025-05-13 02:15:00	7.99	40.66	0.17	7.22	10.57	3.10
SQU-DS	2025-05-13 02:30:00	7.93	40.52	0.15	7.22	10.59	2.34
SQU-DS	2025-05-13 02:45:00	7.85	40.34	0.16	7.21	10.61	2.67
SQU-DS	2025-05-13 03:00:00	7.76	40.19	0.17	7.20	10.64	1.07
SQU-DS	2025-05-13 03:15:00	7.69	40.34	0.18	7.22	10.67	1.78

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-13 03:30:00	7.63	40.20	0.16	7.21	10.66	1.44
SQU-DS	2025-05-13 03:45:00	7.56	40.08	0.16	7.18	10.69	2.55
SQU-DS	2025-05-13 04:00:00	7.49	39.92	0.17	7.19	10.71	2.54
SQU-DS	2025-05-13 04:15:00	7.43	39.81	0.17	7.23	10.73	2.73
SQU-DS	2025-05-13 04:30:00	7.37	39.62	0.16	7.23	10.74	2.58
SQU-DS	2025-05-13 04:45:00	7.30	39.58	0.16	7.24	10.76	2.08
SQU-DS	2025-05-13 05:00:00	7.24	39.31	0.17	7.24	10.63	2.02
SQU-DS	2025-05-13 05:15:00	7.18	39.22	0.17	7.23	10.79	1.58
SQU-DS	2025-05-13 05:30:00	7.12	39.37	0.15	7.22	10.80	2.61
SQU-DS	2025-05-13 05:45:00	7.07	39.36	0.15	7.24	10.84	1.72
SQU-DS	2025-05-13 06:00:00	7.02	39.40	0.16	7.23	10.85	1.72
SQU-DS	2025-05-13 06:15:00	6.96	39.78	0.17	7.23	10.86	2.22
SQU-DS	2025-05-13 06:30:00	6.92	39.78	0.15	7.21	10.86	2.34
SQU-DS	2025-05-13 06:45:00	6.89	39.94	0.16	7.23	10.89	1.71
SQU-DS	2025-05-13 07:00:00	6.86	40.09	0.17	7.23	10.90	3.56
SQU-DS	2025-05-13 07:15:00	6.85	40.29	0.17	7.23	10.92	1.38
SQU-DS	2025-05-13 07:30:00	6.85	40.06	0.14	7.23	10.92	1.22
SQU-DS	2025-05-13 07:45:00	6.86	40.11	0.15	7.22	10.94	2.13
SQU-DS	2025-05-13 08:00:00	6.87	39.97	0.16	7.22	10.95	1.62
SQU-DS	2025-05-13 08:15:00	6.88	39.69	0.17	7.21	10.98	2.49
SQU-DS	2025-05-13 08:30:00	6.90	39.90	0.15	7.20	10.98	2.41
SQU-DS	2025-05-13 08:45:00	6.94	39.53	0.16	7.22	11.01	2.48
SQU-DS	2025-05-13 09:00:00	6.96	39.31	0.17	7.22	11.03	1.56
SQU-DS	2025-05-13 09:15:00	7.02	39.37	0.17	7.22	11.02	2.41
SQU-DS	2025-05-13 09:30:00	7.09	39.40	0.14	7.23	11.02	1.38
SQU-DS	2025-05-13 09:45:00	7.16	39.31	0.15	7.22	11.02	2.86
SQU-DS	2025-05-13 10:00:00	7.24	39.44	0.16	7.23	11.03	2.71
SQU-DS	2025-05-13 10:15:00	7.33	39.41	0.17	7.22	11.03	1.29
SQU-DS	2025-05-13 10:30:00	7.41	39.28	0.15	7.23	11.02	2.38
SQU-DS	2025-05-13 10:45:00	7.51	39.43	0.16	7.23	11.01	1.96
SQU-DS	2025-05-13 11:00:00	7.60	39.17	0.17	7.24	11.03	2.78
SQU-DS	2025-05-13 11:15:00	7.69	38.68	0.18	7.24	11.03	1.49
SQU-DS	2025-05-13 11:30:00	7.79	38.74	0.14	7.25	11.02	5.35
SQU-DS	2025-05-13 11:45:00	7.89	38.85	0.15	7.25	11.01	4.64
SQU-DS	2025-05-13 12:00:00	8.01	38.74	0.16	7.25	11.02	7.70
SQU-DS	2025-05-13 12:15:00	8.10	38.64	0.17	7.25	11.00	5.61
SQU-DS	2025-05-13 12:30:00	8.19	38.86	0.15	7.25	10.97	1.93
SQU-DS	2025-05-13 12:45:00	8.31	39.18	0.16	7.25	10.96	2.86
SQU-DS	2025-05-13 13:00:00	8.42	38.63	0.17	7.26	10.96	5.55
SQU-DS	2025-05-13 13:15:00	8.51	38.31	0.18	7.26	10.95	3.33
SQU-DS	2025-05-13 13:30:00	8.61	38.27	0.14	7.26	10.93	2.77
SQU-DS	2025-05-13 13:45:00	8.73	38.58	0.15	7.26	10.91	2.64
SQU-DS	2025-05-13 14:00:00	8.81	38.16	0.16	7.26	10.90	1.50
SQU-DS	2025-05-13 14:15:00	8.90	38.45	0.17	7.26	10.89	3.27
SQU-DS	2025-05-13 14:30:00	8.99	38.10	0.15	7.27	10.88	3.09
SQU-DS	2025-05-13 14:45:00	9.08	38.13	0.16	7.26	10.85	2.84
SQU-DS	2025-05-13 15:00:00	9.16	38.59	0.17	7.26	10.84	4.57
SQU-DS	2025-05-13 15:15:00	9.22	39.15	0.18	7.26	10.81	2.74
SQU-DS	2025-05-13 15:30:00	9.27	39.13	0.14	7.26	10.78	6.13
SQU-DS	2025-05-13 15:45:00	9.30	38.81	0.15	7.27	10.78	2.92
SQU-DS	2025-05-13 16:00:00	9.34	38.97	0.16	7.27	10.77	2.61
SQU-DS	2025-05-13 16:15:00	9.38	39.01	0.17	7.27	10.76	3.78
SQU-DS	2025-05-13 16:30:00	9.42	38.93	0.15	7.27	10.76	2.65
SQU-DS	2025-05-13 16:45:00	9.46	38.72	0.16	7.28	10.75	2.49
SQU-DS	2025-05-13 17:00:00	9.50	38.60	0.17	7.29	10.74	2.05

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-13 17:15:00	9.54	38.92	0.17	7.28	10.73	2.75
SQU-DS	2025-05-13 17:30:00	9.59	38.95	0.14	7.29	10.69	1.43
SQU-DS	2025-05-13 17:45:00	9.61	38.53	0.15	7.30	10.70	2.22
SQU-DS	2025-05-13 18:00:00	9.60	38.38	0.16	7.30	10.68	3.08
SQU-DS	2025-05-13 18:15:00	9.59	38.42	0.17	7.30	10.67	2.06
SQU-DS	2025-05-13 18:30:00	9.59	38.30	0.15	7.32	10.65	2.25
SQU-DS	2025-05-13 18:45:00	9.57	38.04	0.16	7.29	10.63	2.60
SQU-DS	2025-05-13 19:00:00	9.53	37.86	0.17	7.29	10.63	2.98
SQU-DS	2025-05-13 19:15:00	9.49	37.88	0.18	7.29	10.62	2.47
SQU-DS	2025-05-13 19:30:00	9.45	37.74	0.14	7.31	10.63	2.38
SQU-DS	2025-05-13 19:45:00	9.39	37.93	0.15	7.31	10.53	4.44
SQU-DS	2025-05-13 20:00:00	9.38	37.83	0.16	7.31	10.54	2.61
SQU-DS	2025-05-13 20:15:00	9.33	38.14	0.17	7.29	10.53	2.68
SQU-DS	2025-05-13 20:30:00	9.30	38.41	0.15	7.32	10.54	3.87
SQU-DS	2025-05-13 20:45:00	9.24	38.76	0.16	7.27	10.55	2.70
SQU-DS	2025-05-13 21:00:00	9.24	39.70	0.17	7.31	10.47	2.91
SQU-DS	2025-05-13 21:15:00	9.26	40.31	0.17	7.30	10.48	4.43
SQU-DS	2025-05-13 21:30:00	9.23	39.91	0.14	7.25	10.47	1.60
SQU-DS	2025-05-13 21:45:00	9.20	40.75	0.14	7.24	10.40	2.55
SQU-DS	2025-05-13 22:00:00	9.19	41.02	0.16	7.23	10.42	2.49
SQU-DS	2025-05-13 22:15:00	9.17	40.78	0.16	7.28	10.42	2.78
SQU-DS	2025-05-13 22:30:00	9.15	40.77	0.15	7.26	10.40	4.00
SQU-DS	2025-05-13 22:45:00	9.11	41.00	0.16	7.27	10.39	6.73
SQU-DS	2025-05-13 23:00:00	9.08	41.28	0.16	7.26	10.41	5.53
SQU-DS	2025-05-13 23:15:00	9.06	41.48	0.17	7.26	10.42	3.84
SQU-DS	2025-05-13 23:30:00	9.03	41.43	0.14	7.23	10.40	10.39
SQU-DS	2025-05-13 23:45:00	8.99	40.61	0.15	7.24	10.43	6.90
SQU-DS	2025-05-14 00:00:00	8.94	40.18	0.16	7.24	10.44	3.17
SQU-DS	2025-05-14 00:15:00	8.90	39.81	0.17	7.24	10.44	5.20
SQU-DS	2025-05-14 00:30:00	8.85	39.54	0.15	7.24	10.44	4.40
SQU-DS	2025-05-14 00:45:00	8.78	38.96	0.16	7.24	10.46	5.43
SQU-DS	2025-05-14 01:00:00	8.72	38.56	0.17	7.24	10.48	7.21
SQU-DS	2025-05-14 01:15:00	8.65	38.21	0.18	7.24	10.50	5.49
SQU-DS	2025-05-14 01:30:00	8.57	37.96	0.13	7.24	10.52	6.40
SQU-DS	2025-05-14 01:45:00	8.49	37.71	0.15	7.24	10.55	5.98
SQU-DS	2025-05-14 02:00:00	8.43	37.73	0.15	7.24	10.57	5.53
SQU-DS	2025-05-14 02:15:00	8.35	37.47	0.16	7.22	10.55	4.62
SQU-DS	2025-05-14 02:30:00	8.29	36.98	0.15	7.23	10.59	4.90
SQU-DS	2025-05-14 02:45:00	8.22	37.09	0.16	7.18	10.60	3.94
SQU-DS	2025-05-14 03:00:00	8.17	36.82	0.16	7.23	10.62	3.09
SQU-DS	2025-05-14 03:15:00	8.11	36.53	0.17	7.19	10.65	4.85
SQU-DS	2025-05-14 03:30:00	8.05	36.59	0.14	7.23	10.62	7.52
SQU-DS	2025-05-14 03:45:00	8.00	36.10	0.15	7.22	10.65	4.63
SQU-DS	2025-05-14 04:00:00	7.94	35.89	0.16	7.19	10.67	3.69
SQU-DS	2025-05-14 04:15:00	7.90	35.51	0.17	7.15	10.69	4.26
SQU-DS	2025-05-14 04:30:00	7.87	35.66	0.15	7.22	10.69	5.08
SQU-DS	2025-05-14 04:45:00	7.83	35.49	0.16	7.23	10.71	6.95
SQU-DS	2025-05-14 05:00:00	7.78	35.25	0.17	7.22	10.68	7.74
SQU-DS	2025-05-14 05:15:00	7.76	35.10	0.18	7.23	10.73	4.42
SQU-DS	2025-05-14 05:30:00	7.68	35.10	0.15	7.17	10.73	7.58
SQU-DS	2025-05-14 05:45:00	7.64	34.97	0.16	7.20	10.73	5.18
SQU-DS	2025-05-14 06:00:00	7.61	35.00	0.16	7.22	10.75	5.90
SQU-DS	2025-05-14 06:15:00	7.57	35.02	0.17	7.23	10.79	9.61
SQU-DS	2025-05-14 06:30:00	7.53	34.72	0.16	7.23	10.76	6.17
SQU-DS	2025-05-14 06:45:00	7.49	34.39	0.17	7.22	10.73	5.11

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-14 07:00:00	7.46	34.57	0.17	7.24	10.82	3.85
SQU-DS	2025-05-14 07:15:00	7.46	34.44	0.18	7.23	10.87	3.53
SQU-DS	2025-05-14 07:30:00	7.46	34.26	0.13	7.25	10.84	6.13
SQU-DS	2025-05-14 07:45:00	7.45	34.58	0.15	7.24	10.87	5.10
SQU-DS	2025-05-14 08:00:00	7.46	34.37	0.16	7.24	10.87	5.20
SQU-DS	2025-05-14 08:15:00	7.45	34.17	0.17	7.24	10.88	10.56
SQU-DS	2025-05-14 08:30:00	7.48	34.34	0.15	7.24	10.88	5.85
SQU-DS	2025-05-14 08:45:00	7.50	34.34	0.16	7.23	10.88	7.68
SQU-DS	2025-05-14 09:00:00	7.55	33.92	0.17	7.24	10.82	7.49
SQU-DS	2025-05-14 09:15:00	7.60	33.93	0.18	7.23	10.94	5.44
SQU-DS	2025-05-14 09:30:00	7.63	33.86	0.15	7.27	10.92	9.98
SQU-DS	2025-05-14 09:45:00	7.68	33.70	0.16	7.26	10.94	7.68
SQU-DS	2025-05-14 10:00:00	7.73	34.02	0.17	7.25	10.93	8.43
SQU-DS	2025-05-14 10:15:00	7.78	34.12	0.18	7.26	10.91	7.78
SQU-DS	2025-05-14 10:30:00	7.87	33.89	0.16	7.26	10.87	8.54
SQU-DS	2025-05-14 10:45:00	7.94	33.66	0.17	7.25	10.78	7.08
SQU-DS	2025-05-14 11:00:00	7.98	33.83	0.18	7.24	10.88	11.39
SQU-DS	2025-05-14 11:15:00	8.03	33.70	0.18	7.25	10.84	6.90
SQU-DS	2025-05-14 11:30:00	8.05	33.31	0.14	7.28	10.87	11.90
SQU-DS	2025-05-14 11:45:00	8.11	33.48	0.16	7.27	10.90	6.28
SQU-DS	2025-05-14 12:00:00	8.17	33.57	0.17	7.24	10.89	9.30
SQU-DS	2025-05-14 12:15:00	8.18	33.16	0.17	7.27	10.81	7.99
SQU-DS	2025-05-14 12:30:00	8.21	32.92	0.16	7.28	10.87	8.10
SQU-DS	2025-05-14 12:45:00	8.25	33.32	0.17	7.27	10.64	7.05
SQU-DS	2025-05-14 13:00:00	8.32	33.39	0.18	7.26	10.44	6.96
SQU-DS	2025-05-14 13:15:00	8.41	33.30	0.18	7.27	10.56	9.01
SQU-DS	2025-05-14 13:30:00	8.43	32.91	0.15	7.28	10.70	7.49
SQU-DS	2025-05-14 13:45:00	8.43	33.00	0.16	7.26	10.73	7.50
SQU-DS	2025-05-14 14:00:00	8.51	33.14	0.17	7.26	10.65	7.55
SQU-DS	2025-05-14 14:15:00	8.61	33.25	0.18	7.27	10.64	10.80
SQU-DS	2025-05-14 14:30:00	8.70	33.24	0.17	7.27	10.72	8.95
SQU-DS	2025-05-14 14:45:00	8.73	33.15	0.18	7.26	10.52	7.32
SQU-DS	2025-05-14 15:00:00	8.74	33.53	0.18	7.26	10.20	9.12
SQU-DS	2025-05-14 15:15:00	8.79	33.60	0.19	7.24	9.99	8.48
SQU-DS	2025-05-14 15:30:00	8.87	33.40	0.15	7.26	10.63	11.63
SQU-DS	2025-05-14 15:45:00	8.94	33.62	0.16	7.26	10.78	9.68
SQU-DS	2025-05-14 16:00:00	9.02	33.95	0.17	7.24	10.77	7.47
SQU-DS	2025-05-14 16:15:00	9.08	33.86	0.18	7.23	10.79	8.43
SQU-DS	2025-05-14 16:30:00	9.12	33.27	0.17	7.28	10.72	9.08
SQU-DS	2025-05-14 16:45:00	9.16	33.20	0.18	7.27	10.69	7.04
SQU-DS	2025-05-14 17:00:00	9.24	33.80	0.18	7.26	10.74	9.56
SQU-DS	2025-05-14 17:15:00	9.28	33.76	0.19	7.28	10.59	5.60
SQU-DS	2025-05-14 17:30:00	9.28	33.59	0.15	7.27	10.62	8.97
SQU-DS	2025-05-14 17:45:00	9.23	33.39	0.17	7.28	10.74	9.28
SQU-DS	2025-05-14 18:00:00	9.11	33.39	0.17	7.27	10.60	6.84
SQU-DS	2025-05-14 18:15:00	9.05	33.27	0.18	7.26	10.69	6.59
SQU-DS	2025-05-14 18:30:00	9.00	33.32	0.17	7.26	10.64	8.74
SQU-DS	2025-05-14 18:45:00	9.00	33.14	0.17	7.27	10.70	12.07
SQU-DS	2025-05-14 19:00:00	8.98	32.68	0.18	7.26	10.62	10.59
SQU-DS	2025-05-14 19:15:00	8.96	32.44	0.19	7.27	10.45	7.00
SQU-DS	2025-05-14 19:30:00	8.92	32.40	0.15	7.28	10.67	6.32
SQU-DS	2025-05-14 19:45:00	8.88	32.19	0.17	7.28	10.66	10.30
SQU-DS	2025-05-14 20:00:00	8.84	32.30	0.18	7.24	10.66	8.73
SQU-DS	2025-05-14 20:15:00	8.82	32.73	0.19	7.20	10.62	13.67
SQU-DS	2025-05-14 20:30:00	8.80	33.14	0.17	7.26	10.62	5.66

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-14 20:45:00	8.76	33.38	0.17	7.28	10.62	4.95
SQU-DS	2025-05-14 21:00:00	8.74	33.78	0.18	7.23	10.62	9.29
SQU-DS	2025-05-14 21:15:00	8.66	33.62	0.19	7.23	10.61	10.07
SQU-DS	2025-05-14 21:30:00	8.61	33.53	0.14	7.25	10.66	12.75
SQU-DS	2025-05-14 21:45:00	8.54	34.16	0.16	7.23	10.57	9.14
SQU-DS	2025-05-14 22:00:00	8.50	34.20	0.17	7.25	10.50	8.34
SQU-DS	2025-05-14 22:15:00	8.45	34.53	0.17	7.23	10.62	10.18
SQU-DS	2025-05-14 22:30:00	8.42	35.15	0.16	7.26	10.63	8.08
SQU-DS	2025-05-14 22:45:00	8.37	34.79	0.17	7.23	10.59	5.40
SQU-DS	2025-05-14 23:00:00	8.29	34.49	0.17	7.23	10.57	8.10
SQU-DS	2025-05-14 23:15:00	8.24	34.76	0.18	7.24	10.58	8.36
SQU-DS	2025-05-14 23:30:00	8.15	34.93	0.12	7.18	10.65	7.19
SQU-DS	2025-05-14 23:45:00	8.09	35.02	0.14	7.21	10.68	6.93
SQU-DS	2025-05-15 00:00:00	8.04	34.48	0.15	7.22	10.66	5.49
SQU-DS	2025-05-15 00:15:00	7.95	34.56	0.16	7.21	10.67	8.19
SQU-DS	2025-05-15 00:30:00	7.90	34.70	0.14	7.19	10.61	8.04
SQU-DS	2025-05-15 00:45:00	7.80	34.16	0.15	7.20	10.66	9.86
SQU-DS	2025-05-15 01:00:00	7.75	33.84	0.16	7.20	10.67	7.84
SQU-DS	2025-05-15 01:15:00	7.66	33.56	0.17	7.19	10.68	9.44
SQU-DS	2025-05-15 01:30:00	7.61	32.98	0.12	7.21	10.72	7.21
SQU-DS	2025-05-15 01:45:00	7.53	32.77	0.14	7.21	10.79	10.25
SQU-DS	2025-05-15 02:00:00	7.47	32.72	0.15	7.21	10.78	7.14
SQU-DS	2025-05-15 02:15:00	7.40	32.37	0.16	7.18	10.78	7.82
SQU-DS	2025-05-15 02:30:00	7.34	32.66	0.14	7.15	10.78	9.83
SQU-DS	2025-05-15 02:45:00	7.27	32.44	0.15	7.18	10.79	10.59
SQU-DS	2025-05-15 03:00:00	7.21	32.38	0.16	7.18	10.82	4.98
SQU-DS	2025-05-15 03:15:00	7.17	32.17	0.17	7.19	10.84	6.29
SQU-DS	2025-05-15 03:30:00	7.11	31.82	0.12	7.20	10.78	13.29
SQU-DS	2025-05-15 03:45:00	7.06	31.76	0.14	7.17	10.94	5.12
SQU-DS	2025-05-15 04:00:00	7.02	31.61	0.15	7.20	10.92	5.98
SQU-DS	2025-05-15 04:15:00	6.97	31.72	0.16	7.18	10.91	5.39
SQU-DS	2025-05-15 04:30:00	6.93	31.75	0.14	7.20	10.91	9.80
SQU-DS	2025-05-15 04:45:00	6.89	31.71	0.16	7.20	10.69	9.51
SQU-DS	2025-05-15 05:00:00	6.84	31.63	0.17	7.18	10.91	9.20
SQU-DS	2025-05-15 05:15:00	6.79	31.60	0.17	7.20	10.92	7.10
SQU-DS	2025-05-15 05:30:00	6.75	31.35	0.13	7.19	10.94	6.16
SQU-DS	2025-05-15 05:45:00	6.72	31.34	0.15	7.13	11.04	6.40
SQU-DS	2025-05-15 06:00:00	6.69	31.18	0.16	7.17	11.02	5.25
SQU-DS	2025-05-15 06:15:00	6.64	31.21	0.17	7.18	11.01	6.26
SQU-DS	2025-05-15 06:30:00	6.61	31.46	0.16	7.21	11.03	5.96
SQU-DS	2025-05-15 06:45:00	6.59	31.43	0.16	7.19	10.94	7.18
SQU-DS	2025-05-15 07:00:00	6.57	31.52	0.17	7.17	10.98	6.11
SQU-DS	2025-05-15 07:15:00	6.58	31.40	0.18	7.19	11.08	6.51
SQU-DS	2025-05-15 07:30:00	6.58	31.24	0.12	7.21	11.03	6.12
SQU-DS	2025-05-15 07:45:00	6.60	31.17	0.14	7.19	11.16	5.63
SQU-DS	2025-05-15 08:00:00	6.61	31.23	0.16	7.20	11.12	6.95
SQU-DS	2025-05-15 08:15:00	6.63	31.26	0.17	7.18	11.12	4.05
SQU-DS	2025-05-15 08:30:00	6.64	32.10	0.15	7.23	11.06	8.26
SQU-DS	2025-05-15 08:45:00	6.67	31.79	0.16	7.21	11.00	9.92
SQU-DS	2025-05-15 09:00:00	6.68	31.66	0.17	7.20	11.09	5.10
SQU-DS	2025-05-15 09:15:00	6.69	31.67	0.18	7.18	11.12	6.92
SQU-DS	2025-05-15 09:30:00	6.75	31.31	0.14	7.20	11.12	4.46
SQU-DS	2025-05-15 09:45:00	6.83	31.62	0.15	7.20	11.16	12.20
SQU-DS	2025-05-15 10:00:00	6.87	31.54	0.17	7.19	11.17	8.30
SQU-DS	2025-05-15 10:15:00	6.87	31.53	0.17	7.20	11.18	6.31

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-15 10:30:00	6.87	31.71	0.15	7.23	11.11	7.67
SQU-DS	2025-05-15 10:45:00	6.89	31.65	0.16	7.21	10.93	6.39
SQU-DS	2025-05-15 11:00:00	6.91	31.70	0.17	7.19	10.99	12.44
SQU-DS	2025-05-15 11:15:00	6.93	31.56	0.18	7.21	11.15	8.90
SQU-DS	2025-05-15 11:30:00	6.94	31.63	0.13	7.23	11.08	7.97
SQU-DS	2025-05-15 11:45:00	6.97	31.76	0.15	7.21	11.16	5.94
SQU-DS	2025-05-15 12:00:00	6.96	31.94	0.16	7.21	11.16	6.26
SQU-DS	2025-05-15 12:15:00	6.98	32.12	0.17	7.21	11.12	6.90
SQU-DS	2025-05-15 12:30:00	6.98	32.16	0.16	7.23	11.05	7.74
SQU-DS	2025-05-15 12:45:00	7.02	32.17	0.17	7.20	10.82	12.18
SQU-DS	2025-05-15 13:00:00	7.05	32.16	0.17	7.21	10.64	7.79
SQU-DS	2025-05-15 13:15:00	7.07	32.14	0.18	7.21	10.42	9.80
SQU-DS	2025-05-15 13:30:00	7.08	31.57	0.13	7.23	10.98	7.18
SQU-DS	2025-05-15 13:45:00	7.10	31.77	0.15	7.22	11.13	9.14
SQU-DS	2025-05-15 14:00:00	7.13	31.99	0.16	7.21	11.14	7.27
SQU-DS	2025-05-15 14:15:00	7.17	32.14	0.17	7.21	11.12	5.64
SQU-DS	2025-05-15 14:30:00	7.20	32.65	0.15	7.22	11.08	5.30
SQU-DS	2025-05-15 14:45:00	7.24	32.54	0.16	7.21	10.96	10.20
SQU-DS	2025-05-15 15:00:00	7.28	32.52	0.17	7.20	10.90	6.64
SQU-DS	2025-05-15 15:15:00	7.31	32.36	0.18	7.20	11.03	7.11
SQU-DS	2025-05-15 15:30:00	7.34	32.28	0.13	7.22	10.98	5.76
SQU-DS	2025-05-15 15:45:00	7.37	32.24	0.15	7.21	11.14	3.67
SQU-DS	2025-05-15 16:00:00	7.38	32.54	0.16	7.19	11.10	5.35
SQU-DS	2025-05-15 16:15:00	7.39	32.22	0.17	7.22	11.08	6.69
SQU-DS	2025-05-15 16:30:00	7.40	32.57	0.15	7.22	11.01	9.23
SQU-DS	2025-05-15 16:45:00	7.39	32.44	0.16	7.23	10.80	11.13
SQU-DS	2025-05-15 17:00:00	7.39	32.66	0.17	7.22	11.05	8.65
SQU-DS	2025-05-15 17:15:00	7.40	32.72	0.18	7.21	10.81	6.11
SQU-DS	2025-05-15 17:30:00	7.40	32.46	0.12	7.22	11.02	5.47
SQU-DS	2025-05-15 17:45:00	7.39	32.54	0.15	7.22	11.08	8.73
SQU-DS	2025-05-15 18:00:00	7.40	32.45	0.16	7.21	11.05	4.96
SQU-DS	2025-05-15 18:15:00	7.39	32.53	0.16	7.22	11.09	5.22
SQU-DS	2025-05-15 18:30:00	7.38	32.88	0.13	7.24	11.02	8.48
SQU-DS	2025-05-15 18:45:00	7.38	33.19	0.15	7.23	10.71	6.32
SQU-DS	2025-05-15 19:00:00	7.37	33.09	0.16	7.23	10.80	4.34
SQU-DS	2025-05-15 19:15:00	7.37	33.10	0.17	7.23	10.85	5.00
SQU-DS	2025-05-15 19:30:00	7.36	32.97	0.13	7.24	10.91	7.08
SQU-DS	2025-05-15 19:45:00	7.36	32.89	0.14	7.25	11.01	6.43
SQU-DS	2025-05-15 20:00:00	7.34	32.58	0.16	7.25	10.96	5.55
SQU-DS	2025-05-15 20:15:00	7.30	32.34	0.16	7.25	11.02	5.13
SQU-DS	2025-05-15 20:30:00	7.26	32.52	0.15	7.29	10.98	6.94
SQU-DS	2025-05-15 20:45:00	7.25	32.51	0.16	7.24	10.95	7.20
SQU-DS	2025-05-15 21:00:00	7.22	32.66	0.17	7.22	10.70	23.69
SQU-DS	2025-05-15 21:15:00	7.18	32.76	0.17	7.22	10.75	7.86
SQU-DS	2025-05-15 21:30:00	7.14	32.44	0.13	7.24	10.97	4.42
SQU-DS	2025-05-15 21:45:00	7.11	32.77	0.15	7.23	11.00	7.46
SQU-DS	2025-05-15 22:00:00	7.10	33.35	0.16	7.19	10.97	4.43
SQU-DS	2025-05-15 22:15:00	7.08	33.84	0.16	7.22	10.97	3.51
SQU-DS	2025-05-15 22:30:00	7.07	34.67	0.15	7.19	10.84	5.27
SQU-DS	2025-05-15 22:45:00	7.07	34.53	0.16	7.22	10.91	4.84
SQU-DS	2025-05-15 23:00:00	7.04	34.68	0.17	7.20	10.91	3.53
SQU-DS	2025-05-15 23:15:00	7.05	35.00	0.18	7.20	10.84	10.78
SQU-DS	2025-05-15 23:30:00	7.04	34.74	0.13	7.21	10.88	6.09
SQU-DS	2025-05-15 23:45:00	7.04	34.99	0.15	7.17	10.96	5.98
SQU-DS	2025-05-16 00:00:00	7.03	35.04	0.15	7.21	10.93	3.37

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-16 00:15:00	7.01	35.19	0.16	7.19	10.91	4.06
SQU-DS	2025-05-16 00:30:00	7.01	36.04	0.13	7.20	10.90	5.25
SQU-DS	2025-05-16 00:45:00	7.01	35.98	0.15	7.20	10.82	4.14
SQU-DS	2025-05-16 01:00:00	6.98	35.91	0.16	7.19	10.83	4.65
SQU-DS	2025-05-16 01:15:00	6.96	35.93	0.17	7.19	10.79	5.40
SQU-DS	2025-05-16 01:30:00	6.95	35.69	0.12	7.20	10.80	3.54
SQU-DS	2025-05-16 01:45:00	6.94	35.30	0.14	7.20	10.89	5.11
SQU-DS	2025-05-16 02:00:00	6.92	35.38	0.15	7.19	10.86	5.66
SQU-DS	2025-05-16 02:15:00	6.90	35.20	0.16	7.20	10.87	4.63
SQU-DS	2025-05-16 02:30:00	6.88	35.77	0.14	7.23	10.85	5.32
SQU-DS	2025-05-16 02:45:00	6.86	35.62	0.15	7.20	10.88	4.52
SQU-DS	2025-05-16 03:00:00	6.85	35.40	0.16	7.19	10.93	4.90
SQU-DS	2025-05-16 03:15:00	6.84	35.25	0.17	7.18	10.94	4.25
SQU-DS	2025-05-16 03:30:00	6.82	34.79	0.12	7.18	10.90	7.99
SQU-DS	2025-05-16 03:45:00	6.79	34.90	0.14	7.20	10.99	4.02
SQU-DS	2025-05-16 04:00:00	6.77	34.93	0.15	7.20	10.98	4.93
SQU-DS	2025-05-16 04:15:00	6.76	35.08	0.16	7.20	10.98	4.76
SQU-DS	2025-05-16 04:30:00	6.74	35.31	0.13	7.25	10.90	4.55
SQU-DS	2025-05-16 04:45:00	6.72	34.97	0.15	7.19	10.79	4.65
SQU-DS	2025-05-16 05:00:00	6.70	35.18	0.16	7.19	10.85	3.70
SQU-DS	2025-05-16 05:15:00	6.69	35.20	0.16	7.21	10.80	6.60
SQU-DS	2025-05-16 05:30:00	6.67	34.53	0.12	7.20	10.94	5.42
SQU-DS	2025-05-16 05:45:00	6.65	34.69	0.14	7.18	10.99	4.14
SQU-DS	2025-05-16 06:00:00	6.64	34.69	0.15	7.20	10.97	4.46
SQU-DS	2025-05-16 06:15:00	6.63	34.81	0.16	7.18	10.90	6.18
SQU-DS	2025-05-16 06:30:00	6.60	35.22	0.14	7.21	10.94	8.28
SQU-DS	2025-05-16 06:45:00	6.59	35.38	0.15	7.20	10.96	6.81
SQU-DS	2025-05-16 07:00:00	6.57	35.36	0.16	7.20	10.97	2.90
SQU-DS	2025-05-16 07:15:00	6.57	35.28	0.17	7.17	10.90	4.01
SQU-DS	2025-05-16 07:30:00	6.56	34.79	0.13	7.20	10.96	6.36
SQU-DS	2025-05-16 07:45:00	6.57	34.89	0.15	7.21	11.02	4.74
SQU-DS	2025-05-16 08:00:00	6.57	35.03	0.16	7.14	11.03	3.52
SQU-DS	2025-05-16 08:15:00	6.58	35.35	0.17	7.21	10.94	3.11
SQU-DS	2025-05-16 08:30:00	6.60	36.07	0.13	7.24	11.01	3.45
SQU-DS	2025-05-16 08:45:00	6.64	36.00	0.15	7.22	10.95	4.35
SQU-DS	2025-05-16 09:00:00	6.68	36.09	0.16	7.21	10.87	4.73
SQU-DS	2025-05-16 09:15:00	6.73	35.95	0.17	7.20	10.93	9.35
SQU-DS	2025-05-16 09:30:00	6.78	35.21	0.13	7.21	11.03	4.32
SQU-DS	2025-05-16 09:45:00	6.82	35.36	0.14	7.21	11.13	4.12
SQU-DS	2025-05-16 10:00:00	6.85	35.33	0.15	7.20	11.12	4.15
SQU-DS	2025-05-16 10:15:00	6.88	35.65	0.16	7.19	11.10	4.13
SQU-DS	2025-05-16 10:30:00	6.93	36.47	0.14	7.24	11.13	5.04
SQU-DS	2025-05-16 10:45:00	7.00	36.43	0.16	7.20	11.10	3.64
SQU-DS	2025-05-16 11:00:00	7.05	36.40	0.16	7.21	10.92	7.65
SQU-DS	2025-05-16 11:15:00	7.08	36.38	0.17	7.20	10.93	5.19
SQU-DS	2025-05-16 11:30:00	7.11	35.80	0.13	7.23	10.92	4.40
SQU-DS	2025-05-16 11:45:00	7.14	35.73	0.15	7.21	10.99	5.35
SQU-DS	2025-05-16 12:00:00	7.20	35.91	0.16	7.22	10.92	3.77
SQU-DS	2025-05-16 12:15:00	7.25	36.02	0.17	7.22	10.85	3.06
SQU-DS	2025-05-16 12:30:00	7.31	36.60	0.14	7.25	11.04	5.06
SQU-DS	2025-05-16 12:45:00	7.35	36.48	0.15	7.24	10.81	3.61
SQU-DS	2025-05-16 13:00:00	7.40	36.43	0.17	7.23	10.74	2.99
SQU-DS	2025-05-16 13:15:00	7.46	36.33	0.17	7.23	10.63	4.10
SQU-DS	2025-05-16 13:30:00	7.53	35.97	0.12	7.22	10.83	3.13
SQU-DS	2025-05-16 13:45:00	7.60	35.91	0.15	7.23	10.96	5.29

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-16 14:00:00	7.67	35.98	0.16	7.22	10.91	2.02
SQU-DS	2025-05-16 14:15:00	7.71	36.08	0.17	7.22	10.78	5.74
SQU-DS	2025-05-16 14:30:00	7.74	36.88	0.13	7.27	10.92	4.78
SQU-DS	2025-05-16 14:45:00	7.77	36.68	0.15	7.25	10.61	4.41
SQU-DS	2025-05-16 15:00:00	7.80	36.72	0.16	7.24	10.76	1.93
SQU-DS	2025-05-16 15:15:00	7.83	37.02	0.17	7.24	10.67	2.79
SQU-DS	2025-05-16 15:30:00	7.89	36.66	0.12	7.24	10.77	4.53
SQU-DS	2025-05-16 15:45:00	7.91	36.48	0.14	7.24	10.90	4.73
SQU-DS	2025-05-16 16:00:00	7.93	36.51	0.16	7.22	10.85	3.20
SQU-DS	2025-05-16 16:15:00	7.94	36.73	0.16	7.25	10.75	9.79
SQU-DS	2025-05-16 16:30:00	7.95	37.51	0.14	7.30	10.82	8.28
SQU-DS	2025-05-16 16:45:00	7.95	37.48	0.15	7.26	10.57	2.97
SQU-DS	2025-05-16 17:00:00	7.94	37.78	0.16	7.23	10.66	3.82
SQU-DS	2025-05-16 17:15:00	7.93	37.68	0.17	7.23	10.44	2.58
SQU-DS	2025-05-16 17:30:00	7.94	36.99	0.12	7.24	10.63	4.24
SQU-DS	2025-05-16 17:45:00	7.93	37.03	0.15	7.24	10.65	2.57
SQU-DS	2025-05-16 18:00:00	7.92	37.08	0.16	7.24	10.65	2.24
SQU-DS	2025-05-16 18:15:00	7.94	37.14	0.17	7.23	10.60	2.13
SQU-DS	2025-05-16 18:30:00	7.94	37.79	0.15	7.24	10.80	4.99
SQU-DS	2025-05-16 18:45:00	7.96	37.59	0.16	7.25	10.71	2.67
SQU-DS	2025-05-16 19:00:00	7.96	37.62	0.17	7.22	10.64	2.22
SQU-DS	2025-05-16 19:15:00	7.96	37.82	0.17	7.24	10.73	4.69
SQU-DS	2025-05-16 19:30:00	7.97	37.16	0.13	7.26	10.60	4.03
SQU-DS	2025-05-16 19:45:00	7.97	37.01	0.15	7.26	10.71	2.90
SQU-DS	2025-05-16 20:00:00	7.96	36.96	0.16	7.27	10.63	3.60
SQU-DS	2025-05-16 20:15:00	7.94	36.97	0.17	7.26	10.44	3.93
SQU-DS	2025-05-16 20:30:00	7.92	37.49	0.15	7.27	10.65	3.81
SQU-DS	2025-05-16 20:45:00	7.90	37.54	0.16	7.29	10.59	3.39
SQU-DS	2025-05-16 21:00:00	7.86	37.54	0.17	7.26	10.60	2.99
SQU-DS	2025-05-16 21:15:00	7.84	37.48	0.18	7.25	10.37	1.88
SQU-DS	2025-05-16 21:30:00	7.81	36.68	0.14	7.27	10.54	3.16
SQU-DS	2025-05-16 21:45:00	7.77	36.57	0.16	7.26	10.42	1.72
SQU-DS	2025-05-16 22:00:00	7.72	36.73	0.17	7.24	10.30	6.76
SQU-DS	2025-05-16 22:15:00	7.70	36.82	0.18	7.20	10.26	3.00
SQU-DS	2025-05-16 22:30:00	7.68	37.74	0.14	7.25	10.57	3.54
SQU-DS	2025-05-16 22:45:00	7.63	37.91	0.15	7.26	10.65	1.55
SQU-DS	2025-05-16 23:00:00	7.63	38.06	0.16	7.23	10.25	2.20
SQU-DS	2025-05-16 23:15:00	7.59	38.26	0.17	7.24	10.33	1.56
SQU-DS	2025-05-16 23:30:00	7.59	37.74	0.12	7.23	10.65	3.13
SQU-DS	2025-05-16 23:45:00	7.56	38.07	0.14	7.22	10.69	2.39
SQU-DS	2025-05-17 00:00:00	7.56	38.16	0.16	7.20	10.58	2.79
SQU-DS	2025-05-17 00:15:00	7.55	38.42	0.16	7.23	10.57	4.00
SQU-DS	2025-05-17 00:30:00	7.51	39.03	0.14	7.24	10.60	3.70
SQU-DS	2025-05-17 00:45:00	7.49	39.17	0.15	7.21	10.72	38.52
SQU-DS	2025-05-17 01:00:00	7.46	39.28	0.16	7.19	10.53	1.93
SQU-DS	2025-05-17 01:15:00	7.46	39.38	0.17	7.20	10.58	1.04
SQU-DS	2025-05-17 01:30:00	7.45	38.69	0.13	7.22	10.50	3.76
SQU-DS	2025-05-17 01:45:00	7.42	38.31	0.15	7.20	10.62	1.79
SQU-DS	2025-05-17 02:00:00	7.40	38.35	0.16	7.21	10.57	2.16
SQU-DS	2025-05-17 02:15:00	7.37	38.54	0.17	7.20	10.33	1.77
SQU-DS	2025-05-17 02:30:00	7.34	38.77	0.13	7.23	10.54	4.10
SQU-DS	2025-05-17 02:45:00	7.31	38.56	0.15	7.21	10.69	4.94
SQU-DS	2025-05-17 03:00:00	7.28	38.55	0.16	7.19	10.72	4.22
SQU-DS	2025-05-17 03:15:00	7.27	38.76	0.17	7.19	10.71	3.39
SQU-DS	2025-05-17 03:30:00	7.24	36.66	0.12	7.20	10.75	1.94

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-17 03:45:00	7.21	36.71	0.15	7.19	10.78	2.84
SQU-DS	2025-05-17 04:00:00	7.17	36.63	0.16	7.18	10.47	2.70
SQU-DS	2025-05-17 04:15:00	7.16	36.66	0.17	7.20	10.27	2.40
SQU-DS	2025-05-17 04:30:00	7.15	38.02	0.12	7.26	10.66	3.55
SQU-DS	2025-05-17 04:45:00	7.12	37.88	0.15	7.23	10.81	4.17
SQU-DS	2025-05-17 05:00:00	7.10	37.75	0.16	7.21	10.81	3.45
SQU-DS	2025-05-17 05:15:00	7.08	37.67	0.17	7.19	10.78	4.27
SQU-DS	2025-05-17 05:30:00	7.06	37.06	0.14	7.21	10.50	2.41
SQU-DS	2025-05-17 05:45:00	7.04	37.05	0.15	7.21	10.55	2.23
SQU-DS	2025-05-17 06:00:00	7.01	37.03	0.16	7.20	10.45	1.84
SQU-DS	2025-05-17 06:15:00	6.99	36.94	0.17	7.20	10.29	1.97
SQU-DS	2025-05-17 06:30:00	6.98	37.85	0.14	7.25	10.67	2.51
SQU-DS	2025-05-17 06:45:00	6.97	37.68	0.16	7.22	10.51	1.75
SQU-DS	2025-05-17 07:00:00	6.97	37.66	0.17	7.21	10.64	2.21
SQU-DS	2025-05-17 07:15:00	6.95	37.62	0.18	7.21	10.75	1.70
SQU-DS	2025-05-17 07:30:00	6.96	36.96	0.14	7.22	10.56	4.31
SQU-DS	2025-05-17 07:45:00	6.95	36.83	0.16	7.21	10.45	1.95
SQU-DS	2025-05-17 08:00:00	6.96	36.93	0.17	7.22	10.44	0.94
SQU-DS	2025-05-17 08:15:00	6.97	36.86	0.17	7.23	10.43	4.31
SQU-DS	2025-05-17 08:30:00	6.97	37.33	0.15	7.26	10.85	4.40
SQU-DS	2025-05-17 08:45:00	6.96	37.53	0.16	7.23	10.90	1.36
SQU-DS	2025-05-17 09:00:00	6.99	37.57	0.17	7.20	10.96	2.80
SQU-DS	2025-05-17 09:15:00	7.00	37.75	0.18	7.21	10.93	1.93
SQU-DS	2025-05-17 09:30:00	6.99	37.19	0.13	7.23	10.66	4.12
SQU-DS	2025-05-17 09:45:00	6.99	36.92	0.15	7.23	10.60	2.81
SQU-DS	2025-05-17 10:00:00	6.99	36.84	0.16	7.22	10.56	1.98
SQU-DS	2025-05-17 10:15:00	7.00	37.03	0.17	7.21	10.43	2.20
SQU-DS	2025-05-17 10:30:00	7.01	37.70	0.15	7.25	10.78	4.09
SQU-DS	2025-05-17 10:45:00	7.02	37.78	0.16	7.26	10.82	3.70
SQU-DS	2025-05-17 11:00:00	7.04	37.71	0.17	7.24	10.76	3.07
SQU-DS	2025-05-17 11:15:00	7.04	37.81	0.18	7.22	10.76	3.10
SQU-DS	2025-05-17 11:30:00	7.06	37.11	0.14	7.22	10.61	2.28
SQU-DS	2025-05-17 11:45:00	7.07	37.18	0.16	7.20	10.66	2.80
SQU-DS	2025-05-17 12:00:00	7.09	37.13	0.17	7.21	10.54	3.11
SQU-DS	2025-05-17 12:15:00	7.12	37.01	0.17	7.21	10.47	2.74
SQU-DS	2025-05-17 12:30:00	7.17	37.96	0.16	7.23	10.83	3.40
SQU-DS	2025-05-17 12:45:00	7.22	37.89	0.17	7.23	10.76	2.60
SQU-DS	2025-05-17 13:00:00	7.24	37.82	0.18	7.23	10.83	1.61
SQU-DS	2025-05-17 13:15:00	7.26	37.69	0.18	7.23	10.88	2.44
SQU-DS	2025-05-17 13:30:00	7.29	36.97	0.14	7.24	10.69	3.08
SQU-DS	2025-05-17 13:45:00	7.34	36.91	0.16	7.23	10.72	2.08
SQU-DS	2025-05-17 14:00:00	7.37	36.99	0.17	7.22	10.59	4.90
SQU-DS	2025-05-17 14:15:00	7.44	36.71	0.18	7.23	10.56	1.74
SQU-DS	2025-05-17 14:30:00	7.50	37.93	0.15	7.27	10.84	3.24
SQU-DS	2025-05-17 14:45:00	7.57	37.71	0.16	7.30	10.69	2.37
SQU-DS	2025-05-17 15:00:00	7.65	37.71	0.17	7.28	10.53	3.52
SQU-DS	2025-05-17 15:15:00	7.72	37.53	0.18	7.23	10.67	3.63
SQU-DS	2025-05-17 15:30:00	7.75	37.15	0.13	7.25	10.66	5.07
SQU-DS	2025-05-17 15:45:00	7.79	36.74	0.16	7.26	10.68	2.11
SQU-DS	2025-05-17 16:00:00	7.82	36.99	0.17	7.26	10.60	3.18
SQU-DS	2025-05-17 16:15:00	7.80	36.84	0.18	7.25	10.56	1.41
SQU-DS	2025-05-17 16:30:00	7.77	37.69	0.14	7.29	10.80	6.72
SQU-DS	2025-05-17 16:45:00	7.74	37.64	0.16	7.28	10.57	1.56
SQU-DS	2025-05-17 17:00:00	7.73	37.71	0.17	7.26	10.34	1.31
SQU-DS	2025-05-17 17:15:00	7.73	37.55	0.18	7.27	10.81	2.65

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-17 17:30:00	7.75	36.76	0.13	7.25	10.46	2.83
SQU-DS	2025-05-17 17:45:00	7.75	36.83	0.15	7.27	10.40	2.46
SQU-DS	2025-05-17 18:00:00	7.72	36.83	0.16	7.24	10.31	3.00
SQU-DS	2025-05-17 18:15:00	7.69	36.74	0.17	7.25	10.15	1.78
SQU-DS	2025-05-17 18:30:00	7.68	37.21	0.14	7.28	10.60	22.21
SQU-DS	2025-05-17 18:45:00	7.66	37.36	0.16	7.27	10.45	2.42
SQU-DS	2025-05-17 19:00:00	7.62	37.46	0.17	7.25	10.41	3.51
SQU-DS	2025-05-17 19:15:00	7.60	37.76	0.18	7.24	10.50	1.45
SQU-DS	2025-05-17 19:30:00	7.55	36.86	0.13	7.24	10.47	3.78
SQU-DS	2025-05-17 19:45:00	7.53	36.87	0.15	7.25	10.42	4.67
SQU-DS	2025-05-17 20:00:00	7.51	36.76	0.16	7.23	10.31	3.78
SQU-DS	2025-05-17 20:15:00	7.48	36.74	0.17	7.25	10.02	4.00
SQU-DS	2025-05-17 20:30:00	7.46	37.61	0.16	7.29	10.61	5.38
SQU-DS	2025-05-17 20:45:00	7.45	37.16	0.17	7.31	10.75	3.50
SQU-DS	2025-05-17 21:00:00	7.43	37.12	0.17	7.31	10.26	5.31
SQU-DS	2025-05-17 21:15:00	7.41	36.86	0.18	7.31	10.66	9.80
SQU-DS	2025-05-17 21:30:00	7.38	36.03	0.13	7.26	10.51	2.45
SQU-DS	2025-05-17 21:45:00	7.37	35.76	0.16	7.28	10.54	2.85
SQU-DS	2025-05-17 22:00:00	7.33	35.77	0.17	7.28	10.49	4.84
SQU-DS	2025-05-17 22:15:00	7.30	35.68	0.18	7.27	10.38	4.66
SQU-DS	2025-05-17 22:30:00	7.25	36.14	0.16	7.28	10.58	8.04
SQU-DS	2025-05-17 22:45:00	7.22	36.06	0.17	7.29	10.76	5.94
SQU-DS	2025-05-17 23:00:00	7.20	36.15	0.18	7.25	10.53	8.02
SQU-DS	2025-05-17 23:15:00	7.17	36.44	0.18	7.26	10.77	6.36
SQU-DS	2025-05-17 23:30:00	7.13	35.64	0.15	7.23	10.60	5.68
SQU-DS	2025-05-17 23:45:00	7.08	35.30	0.17	7.26	10.60	5.82
SQU-DS	2025-05-18 00:00:00	7.06	35.60	0.17	7.25	10.40	5.27
SQU-DS	2025-05-18 00:15:00	7.03	35.92	0.18	7.25	10.16	6.94
SQU-DS	2025-05-18 00:30:00	7.00	36.52	0.14	7.41	10.61	6.66
SQU-DS	2025-05-18 00:45:00	6.95	36.68	0.16	7.29	10.70	9.08
SQU-DS	2025-05-18 01:00:00	6.92	36.72	0.17	7.24	10.52	7.45
SQU-DS	2025-05-18 01:15:00	6.87	36.68	0.18	7.23	10.69	9.19
SQU-DS	2025-05-18 01:30:00	6.82	35.26	0.13	7.19	10.49	9.77
SQU-DS	2025-05-18 01:45:00	6.80	35.56	0.16	7.21	10.27	9.79
SQU-DS	2025-05-18 02:00:00	6.81	35.71	0.17	7.21	10.11	12.86
SQU-DS	2025-05-18 02:15:00	6.77	35.33	0.17	7.22	9.95	11.40
SQU-DS	2025-05-18 02:30:00	6.73	36.52	0.15	7.33	10.71	11.29
SQU-DS	2025-05-18 02:45:00	6.71	35.90	0.16	7.27	10.91	14.96
SQU-DS	2025-05-18 03:00:00	6.67	35.62	0.18	7.23	10.94	10.38
SQU-DS	2025-05-18 03:15:00	6.67	35.37	0.18	7.23	10.92	9.79
SQU-DS	2025-05-18 03:30:00	6.63	33.62	0.14	7.22	10.39	13.01
SQU-DS	2025-05-18 03:45:00	6.60	33.43	0.16	7.22	9.90	9.71
SQU-DS	2025-05-18 04:00:00	6.57	33.65	0.17	7.20	9.43	12.41
SQU-DS	2025-05-18 04:15:00	6.56	33.50	0.17	7.19	8.93	15.96
SQU-DS	2025-05-18 04:30:00	6.51	33.94	0.16	7.29	10.59	12.97
SQU-DS	2025-05-18 04:45:00	6.48	33.70	0.17	7.32	11.01	6.47
SQU-DS	2025-05-18 05:00:00	6.45	33.54	0.18	7.33	11.08	8.08
SQU-DS	2025-05-18 05:15:00	6.43	33.55	0.18	7.34	11.07	8.10
SQU-DS	2025-05-18 05:30:00	6.43	37.30	0.14	7.26	10.94	10.07
SQU-DS	2025-05-18 05:45:00	6.39	35.99	0.16	7.21	11.04	7.67
SQU-DS	2025-05-18 06:00:00	6.36	34.86	0.17	7.21	11.12	5.63
SQU-DS	2025-05-18 06:15:00	6.33	35.11	0.17	7.21	11.11	7.33
SQU-DS	2025-05-18 06:30:00	6.30	33.16	0.15	7.29	10.76	11.53
SQU-DS	2025-05-18 06:45:00	6.27	32.98	0.16	7.31	11.04	4.77
SQU-DS	2025-05-18 07:00:00	6.27	32.90	0.17	7.33	11.00	11.36

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-18 07:15:00	6.25	32.80	0.18	7.34	11.06	7.70
SQU-DS	2025-05-18 07:30:00	6.24	31.69	0.14	7.26	9.98	9.36
SQU-DS	2025-05-18 07:45:00	6.25	31.39	0.16	7.21	8.68	8.93
SQU-DS	2025-05-18 08:00:00	6.26	31.42	0.17	7.22	7.79	7.12
SQU-DS	2025-05-18 08:15:00	6.31	31.47	0.18	7.23	7.03	13.62
SQU-DS	2025-05-18 08:30:00	6.34	32.89	0.15	7.34	10.18	8.63
SQU-DS	2025-05-18 08:45:00	6.41	32.42	0.16	7.40	11.17	11.12
SQU-DS	2025-05-18 09:00:00	6.46	32.46	0.17	7.41	10.96	6.23
SQU-DS	2025-05-18 09:15:00	6.51	32.51	0.18	7.41	11.13	5.04
SQU-DS	2025-05-18 09:30:00	6.53	34.12	0.16	7.27	11.06	9.67
SQU-DS	2025-05-18 09:45:00	6.56	34.07	0.16	7.25	11.30	6.69
SQU-DS	2025-05-18 10:00:00	6.63	34.87	0.17	7.20	11.29	6.82
SQU-DS	2025-05-18 10:15:00	6.71	35.87	0.18	7.24	11.19	6.24
SQU-DS	2025-05-18 10:30:00	6.80	32.48	0.15	7.34	10.83	5.61
SQU-DS	2025-05-18 10:45:00	6.89	32.50	0.16	7.39	10.61	6.41
SQU-DS	2025-05-18 11:00:00	6.98	32.38	0.17	7.40	10.56	6.29
SQU-DS	2025-05-18 11:15:00	7.04	32.71	0.18	7.39	10.61	5.03
SQU-DS	2025-05-18 11:30:00	7.10	32.81	0.15	7.26	9.59	6.24
SQU-DS	2025-05-18 11:45:00	7.15	32.45	0.17	7.25	8.82	4.99
SQU-DS	2025-05-18 12:00:00	7.18	32.57	0.18	7.24	8.20	4.24
SQU-DS	2025-05-18 12:15:00	7.26	32.36	0.18	7.23	7.62	4.30
SQU-DS	2025-05-18 12:30:00	7.34	33.12	0.15	7.26	10.22	9.57
SQU-DS	2025-05-18 12:45:00	7.44	32.60	0.16	7.33	10.76	7.53
SQU-DS	2025-05-18 13:00:00	7.54	32.62	0.18	7.32	10.64	4.48
SQU-DS	2025-05-18 13:15:00	7.64	32.70	0.19	7.34	10.89	7.83
SQU-DS	2025-05-18 13:30:00	7.70	33.11	0.15	7.28	9.32	7.84
SQU-DS	2025-05-18 13:45:00	7.75	32.92	0.17	7.23	7.80	4.67
SQU-DS	2025-05-18 14:00:00	7.81	33.31	0.18	7.24	6.67	4.75
SQU-DS	2025-05-18 14:15:00	7.91	33.52	0.18	7.24	5.75	7.22
SQU-DS	2025-05-18 14:30:00	8.03	33.50	0.15	7.23	9.92	5.15
SQU-DS	2025-05-18 14:45:00	8.11	33.20	0.17	7.27	10.81	7.17
SQU-DS	2025-05-18 15:00:00	8.18	33.11	0.18	7.27	10.67	6.04
SQU-DS	2025-05-18 15:15:00	8.23	33.36	0.19	7.23	10.64	7.31
SQU-DS	2025-05-18 15:30:00	8.25	31.46	0.17	7.25	9.26	4.95
SQU-DS	2025-05-18 15:45:00	8.30	30.98	0.18	7.25	8.23	7.68
SQU-DS	2025-05-18 16:00:00	8.37	31.17	0.18	7.25	7.49	29.07
SQU-DS	2025-05-18 16:15:00	8.40	31.28	0.19	7.24	6.79	7.07
SQU-DS	2025-05-18 16:30:00	8.43	33.91	0.16	7.35	9.94	6.05
SQU-DS	2025-05-18 16:45:00	8.42	33.63	0.17	7.33	10.38	5.69
SQU-DS	2025-05-18 17:00:00	8.36	33.63	0.18	7.37	10.50	4.97
SQU-DS	2025-05-18 17:15:00	8.30	33.68	0.19	7.33	10.77	7.62
SQU-DS	2025-05-18 17:30:00	8.27	33.09	0.17	7.31	8.80	8.74
SQU-DS	2025-05-18 17:45:00	8.27	33.19	0.17	7.24	7.85	3.56
SQU-DS	2025-05-18 18:00:00	8.29	33.35	0.18	7.25	7.25	3.18
SQU-DS	2025-05-18 18:15:00	8.29	33.80	0.19	7.24	6.69	4.96
SQU-DS	2025-05-18 18:30:00	8.20	34.35	0.16	7.28	9.46	5.75
SQU-DS	2025-05-18 18:45:00	8.11	34.00	0.18	7.24	10.18	7.56
SQU-DS	2025-05-18 19:00:00	8.04	34.02	0.18	7.33	10.37	3.76
SQU-DS	2025-05-18 19:15:00	8.01	34.25	0.19	7.31	10.26	4.60
SQU-DS	2025-05-18 19:30:00	7.96	33.94	0.17	7.29	8.59	5.30
SQU-DS	2025-05-18 19:45:00	7.92	33.43	0.18	7.23	7.35	6.59
SQU-DS	2025-05-18 20:00:00	7.89	33.57	0.19	7.22	6.48	7.63
SQU-DS	2025-05-18 20:15:00	7.86	33.74	0.19	7.22	5.70	4.35
SQU-DS	2025-05-18 20:30:00	7.84	35.00	0.16	7.29	9.20	7.57
SQU-DS	2025-05-18 20:45:00	7.81	34.59	0.18	7.32	9.95	3.54

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-18 21:00:00	7.79	34.50	0.19	7.30	10.15	4.27
SQU-DS	2025-05-18 21:15:00	7.76	34.52	0.20	7.27	10.00	6.85
SQU-DS	2025-05-18 21:30:00	7.71	34.09	0.16	7.31	9.18	6.36
SQU-DS	2025-05-18 21:45:00	7.67	34.39	0.18	7.17	8.11	3.89
SQU-DS	2025-05-18 22:00:00	7.65	34.52	0.18	7.23	7.46	3.63
SQU-DS	2025-05-18 22:15:00	7.64	34.68	0.19	7.24	6.83	5.72
SQU-DS	2025-05-18 22:30:00	7.61	34.74	0.16	7.21	9.43	24.47
SQU-DS	2025-05-18 22:45:00	7.56	34.11	0.18	7.28	10.51	5.02
SQU-DS	2025-05-18 23:00:00	7.53	34.17	0.19	7.30	10.48	3.39
SQU-DS	2025-05-18 23:15:00	7.50	34.18	0.19	7.28	10.41	4.79
SQU-DS	2025-05-18 23:30:00	7.47	33.14	0.16	7.23	9.01	2.35
SQU-DS	2025-05-18 23:45:00	7.42	34.22	0.17	7.24	7.92	3.39
SQU-US	2025-05-12 00:00:00	7.61	43.88	0.26	7.04	11.17	2.92
SQU-US	2025-05-12 00:15:00	7.56	43.59	0.22	7.09	11.20	1.69
SQU-US	2025-05-12 00:30:00	7.52	43.58	0.22	7.08	11.21	1.79
SQU-US	2025-05-12 00:45:00	7.47	42.97	0.22	7.07	11.23	1.43
SQU-US	2025-05-12 01:00:00	7.42	42.96	0.22	7.07	11.24	2.11
SQU-US	2025-05-12 01:15:00	7.37	42.82	0.23	7.06	11.24	2.68
SQU-US	2025-05-12 01:30:00	7.32	42.60	0.25	7.05	11.27	5.16
SQU-US	2025-05-12 01:45:00	7.26	42.56	0.26	7.04	11.26	1.96
SQU-US	2025-05-12 02:00:00	7.22	42.54	0.26	7.06	11.28	3.14
SQU-US	2025-05-12 02:15:00	7.18	42.58	0.24	7.08	11.29	4.11
SQU-US	2025-05-12 02:30:00	7.13	42.31	0.23	7.08	11.30	1.57
SQU-US	2025-05-12 02:45:00	7.07	42.19	0.22	7.03	11.33	2.77
SQU-US	2025-05-12 03:00:00	7.03	42.11	0.22	7.10	11.35	1.98
SQU-US	2025-05-12 03:15:00	6.99	41.84	0.23	7.05	11.36	2.74
SQU-US	2025-05-12 03:30:00	6.94	41.79	0.25	7.06	11.38	2.40
SQU-US	2025-05-12 03:45:00	6.90	41.80	0.26	7.06	11.39	3.90
SQU-US	2025-05-12 04:00:00	6.85	41.39	0.26	7.07	11.40	3.90
SQU-US	2025-05-12 04:15:00	6.80	41.21	0.22	7.10	11.41	2.42
SQU-US	2025-05-12 04:30:00	6.74	41.47	0.23	7.07	11.43	1.62
SQU-US	2025-05-12 04:45:00	6.69	41.25	0.23	7.09	11.45	2.98
SQU-US	2025-05-12 05:00:00	6.64	41.23	0.23	7.10	11.45	1.91
SQU-US	2025-05-12 05:15:00	6.60	41.27	0.24	7.06	11.48	1.35
SQU-US	2025-05-12 05:30:00	6.54	41.60	0.25	7.05	11.48	1.95
SQU-US	2025-05-12 05:45:00	6.53	42.09	0.26	7.06	11.47	3.18
SQU-US	2025-05-12 06:00:00	6.51	42.57	0.26	7.04	11.47	3.23
SQU-US	2025-05-12 06:15:00	6.47	43.10	0.22	7.09	11.46	1.08
SQU-US	2025-05-12 06:30:00	6.45	43.32	0.22	7.10	11.47	2.06
SQU-US	2025-05-12 06:45:00	6.45	43.52	0.23	7.08	11.47	4.67
SQU-US	2025-05-12 07:00:00	6.44	43.75	0.23	7.07	11.48	0.99
SQU-US	2025-05-12 07:15:00	6.42	43.57	0.24	7.05	11.50	2.75
SQU-US	2025-05-12 07:30:00	6.41	43.42	0.25	7.05	11.53	3.96
SQU-US	2025-05-12 07:45:00	6.42	42.78	0.26	7.06	11.56	2.05
SQU-US	2025-05-12 08:00:00	6.44	42.71	0.26	7.06	11.58	0.90
SQU-US	2025-05-12 08:15:00	6.49	42.50	0.24	7.08	11.58	0.79
SQU-US	2025-05-12 08:30:00	6.52	42.30	0.23	7.12	11.60	1.89
SQU-US	2025-05-12 08:45:00	6.57	42.28	0.23	7.12	11.62	2.84
SQU-US	2025-05-12 09:00:00	6.61	42.05	0.23	7.12	11.63	2.20
SQU-US	2025-05-12 09:15:00	6.68	42.08	0.24	7.08	11.63	1.57
SQU-US	2025-05-12 09:30:00	6.77	42.23	0.25	7.06	11.61	2.84
SQU-US	2025-05-12 09:45:00	6.83	42.52	0.27	7.05	11.62	1.99
SQU-US	2025-05-12 10:00:00	6.87	42.71	0.27	7.06	11.61	2.44
SQU-US	2025-05-12 10:15:00	6.96	42.78	0.25	7.05	11.63	1.78
SQU-US	2025-05-12 10:30:00	7.06	43.00	0.24	7.11	11.60	3.06

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-12 10:45:00	7.17	43.08	0.24	7.08	11.60	1.64
SQU-US	2025-05-12 11:00:00	7.25	42.62	0.24	7.13	11.60	2.35
SQU-US	2025-05-12 11:15:00	7.35	42.37	0.25	7.09	11.61	1.49
SQU-US	2025-05-12 11:30:00	7.45	42.53	0.26	7.09	11.58	1.10
SQU-US	2025-05-12 11:45:00	7.56	42.34	0.27	7.09	11.59	2.36
SQU-US	2025-05-12 12:00:00	7.66	42.17	0.27	7.09	11.58	1.40
SQU-US	2025-05-12 12:15:00	7.77	42.29	0.23	7.13	11.58	3.58
SQU-US	2025-05-12 12:30:00	7.88	42.53	0.23	7.10	11.55	3.26
SQU-US	2025-05-12 12:45:00	8.00	42.67	0.23	7.14	11.54	6.69
SQU-US	2025-05-12 13:00:00	8.11	42.64	0.23	7.16	11.53	2.74
SQU-US	2025-05-12 13:15:00	8.22	42.37	0.25	7.10	11.51	0.98
SQU-US	2025-05-12 13:30:00	8.34	42.36	0.26	7.11	11.50	2.96
SQU-US	2025-05-12 13:45:00	8.45	42.43	0.27	7.10	11.48	2.26
SQU-US	2025-05-12 14:00:00	8.54	42.33	0.28	7.11	11.46	1.92
SQU-US	2025-05-12 14:15:00	8.61	42.54	0.23	7.13	11.43	2.00
SQU-US	2025-05-12 14:30:00	8.68	42.43	0.23	7.14	11.44	1.99
SQU-US	2025-05-12 14:45:00	8.78	42.29	0.23	7.14	11.41	1.85
SQU-US	2025-05-12 15:00:00	8.93	42.54	0.24	7.15	11.39	2.02
SQU-US	2025-05-12 15:15:00	8.98	42.80	0.24	7.12	11.36	1.26
SQU-US	2025-05-12 15:30:00	9.07	42.57	0.26	7.11	11.34	1.13
SQU-US	2025-05-12 15:45:00	9.08	42.58	0.27	7.12	11.31	2.29
SQU-US	2025-05-12 16:00:00	8.99	42.51	0.27	7.10	11.30	2.46
SQU-US	2025-05-12 16:15:00	8.96	42.76	0.24	7.16	11.28	1.79
SQU-US	2025-05-12 16:30:00	9.13	42.92	0.24	7.13	11.27	0.96
SQU-US	2025-05-12 16:45:00	9.29	42.65	0.24	7.16	11.28	1.03
SQU-US	2025-05-12 17:00:00	9.37	42.53	0.23	7.19	11.24	3.23
SQU-US	2025-05-12 17:15:00	9.37	42.56	0.24	7.15	11.23	2.35
SQU-US	2025-05-12 17:30:00	9.40	42.17	0.26	7.15	11.23	5.16
SQU-US	2025-05-12 17:45:00	9.41	41.68	0.27	7.13	11.23	3.63
SQU-US	2025-05-12 18:00:00	9.38	41.94	0.27	7.13	11.21	1.25
SQU-US	2025-05-12 18:15:00	9.34	41.70	0.25	7.18	11.21	1.84
SQU-US	2025-05-12 18:30:00	9.27	41.38	0.24	7.19	11.21	1.43
SQU-US	2025-05-12 18:45:00	9.18	41.38	0.24	7.20	11.22	3.58
SQU-US	2025-05-12 19:00:00	9.12	41.29	0.24	7.20	11.22	6.37
SQU-US	2025-05-12 19:15:00	9.05	41.37	0.24	7.17	11.22	2.80
SQU-US	2025-05-12 19:30:00	8.96	41.66	0.26	7.17	11.20	1.62
SQU-US	2025-05-12 19:45:00	8.86	41.99	0.26	7.17	11.19	2.61
SQU-US	2025-05-12 20:00:00	8.76	42.92	0.27	7.13	11.17	1.24
SQU-US	2025-05-12 20:15:00	8.69	43.60	0.24	7.21	11.17	1.07
SQU-US	2025-05-12 20:30:00	8.64	44.79	0.23	7.16	11.14	0.58
SQU-US	2025-05-12 20:45:00	8.60	45.53	0.23	7.17	11.11	0.74
SQU-US	2025-05-12 21:00:00	8.59	46.92	0.23	7.14	11.07	2.22
SQU-US	2025-05-12 21:15:00	8.55	47.10	0.24	7.09	11.04	1.09
SQU-US	2025-05-12 21:30:00	8.54	46.18	0.25	7.09	11.02	1.52
SQU-US	2025-05-12 21:45:00	8.50	46.09	0.26	7.07	11.03	2.08
SQU-US	2025-05-12 22:00:00	8.47	46.29	0.27	7.09	11.02	2.28
SQU-US	2025-05-12 22:15:00	8.46	46.84	0.24	7.11	11.01	1.31
SQU-US	2025-05-12 22:30:00	8.47	46.90	0.23	7.09	11.01	0.88
SQU-US	2025-05-12 22:45:00	8.44	47.18	0.23	7.08	10.99	2.80
SQU-US	2025-05-12 23:00:00	8.41	46.35	0.23	7.12	10.99	3.49
SQU-US	2025-05-12 23:15:00	8.38	46.00	0.24	7.09	11.01	1.79
SQU-US	2025-05-12 23:30:00	8.36	45.37	0.25	7.09	11.01	2.14
SQU-US	2025-05-12 23:45:00	8.31	45.35	0.26	7.07	11.00	2.37
SQU-US	2025-05-13 00:00:00	8.28	44.41	0.26	7.07	11.03	2.98
SQU-US	2025-05-13 00:15:00	8.24	44.64	0.23	7.12	11.04	1.47

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-13 00:30:00	8.18	44.28	0.23	7.05	11.03	1.77
SQU-US	2025-05-13 00:45:00	8.14	43.85	0.23	7.07	11.06	5.13
SQU-US	2025-05-13 01:00:00	8.08	43.73	0.23	7.10	11.06	4.38
SQU-US	2025-05-13 01:15:00	8.02	43.44	0.24	7.07	11.08	3.33
SQU-US	2025-05-13 01:30:00	7.96	42.98	0.25	7.06	11.11	2.70
SQU-US	2025-05-13 01:45:00	7.88	43.08	0.26	7.06	11.12	2.25
SQU-US	2025-05-13 02:00:00	7.84	43.16	0.27	7.07	11.13	4.82
SQU-US	2025-05-13 02:15:00	7.76	42.74	0.24	7.06	11.17	5.22
SQU-US	2025-05-13 02:30:00	7.68	42.52	0.23	7.08	11.19	3.31
SQU-US	2025-05-13 02:45:00	7.61	42.25	0.22	7.10	11.21	3.00
SQU-US	2025-05-13 03:00:00	7.53	42.32	0.23	7.10	11.23	4.30
SQU-US	2025-05-13 03:15:00	7.47	42.28	0.24	7.07	11.26	3.27
SQU-US	2025-05-13 03:30:00	7.41	42.18	0.25	7.06	11.27	2.02
SQU-US	2025-05-13 03:45:00	7.34	42.15	0.26	7.07	11.28	1.74
SQU-US	2025-05-13 04:00:00	7.28	41.93	0.27	7.06	11.30	3.84
SQU-US	2025-05-13 04:15:00	7.22	41.56	0.21	7.11	11.33	3.68
SQU-US	2025-05-13 04:30:00	7.14	41.61	0.22	7.11	11.33	1.80
SQU-US	2025-05-13 04:45:00	7.07	41.36	0.21	7.11	11.37	2.95
SQU-US	2025-05-13 05:00:00	7.01	41.27	0.22		11.39	3.67
SQU-US	2025-05-13 05:15:00	6.95	41.13	0.23	7.07	11.42	2.96
SQU-US	2025-05-13 05:30:00	6.90	41.20	0.25	7.07	11.43	1.84
SQU-US	2025-05-13 05:45:00	6.83	41.49	0.26	7.06	11.45	2.36
SQU-US	2025-05-13 06:00:00	6.80	41.37	0.26	7.06	11.46	3.00
SQU-US	2025-05-13 06:15:00	6.77	42.20	0.22	7.10	11.47	1.53
SQU-US	2025-05-13 06:30:00	6.72	42.11	0.22	7.11	11.49	1.98
SQU-US	2025-05-13 06:45:00	6.70	42.94	0.23	7.07	11.49	4.43
SQU-US	2025-05-13 07:00:00	6.67	42.74	0.22	7.11	11.53	2.20
SQU-US	2025-05-13 07:15:00	6.66	42.43	0.24	7.08	11.55	3.07
SQU-US	2025-05-13 07:30:00	6.68	42.54	0.25	7.07	11.57	3.05
SQU-US	2025-05-13 07:45:00	6.70	42.82	0.26	7.08	11.56	2.22
SQU-US	2025-05-13 08:00:00	6.68	42.23	0.27	7.10	11.60	1.61
SQU-US	2025-05-13 08:15:00	6.69	41.87	0.24	7.13	11.61	2.31
SQU-US	2025-05-13 08:30:00	6.73	42.28	0.23	7.12	11.61	2.84
SQU-US	2025-05-13 08:45:00	6.76	41.69	0.23	7.08	11.64	12.00
SQU-US	2025-05-13 09:00:00	6.82	41.69	0.23	7.12	11.65	1.30
SQU-US	2025-05-13 09:15:00	6.88	41.53	0.24	7.09	11.65	2.78
SQU-US	2025-05-13 09:30:00	6.95	41.85	0.25	7.08	11.65	2.29
SQU-US	2025-05-13 09:45:00	7.04	41.72	0.26	7.09	11.66	1.48
SQU-US	2025-05-13 10:00:00	7.12	41.93	0.27	7.10	11.65	2.72
SQU-US	2025-05-13 10:15:00	7.22	41.72	0.24	7.15	11.66	1.94
SQU-US	2025-05-13 10:30:00	7.33	41.78	0.24	7.12	11.64	1.57
SQU-US	2025-05-13 10:45:00	7.44	41.40	0.24	7.12	11.64	2.92
SQU-US	2025-05-13 11:00:00	7.52	41.19	0.24	7.14	11.66	2.44
SQU-US	2025-05-13 11:15:00	7.62	40.80	0.25	7.11	11.65	1.58
SQU-US	2025-05-13 11:30:00	7.73	41.12	0.26	7.13	11.65	2.14
SQU-US	2025-05-13 11:45:00	7.85	41.02	0.27	7.12	11.64	3.26
SQU-US	2025-05-13 12:00:00	7.97	40.92	0.27	7.12	11.63	2.93
SQU-US	2025-05-13 12:15:00	8.05	41.03	0.26	7.12	11.62	2.53
SQU-US	2025-05-13 12:30:00	8.16	41.51	0.24	7.16	11.58	4.46
SQU-US	2025-05-13 12:45:00	8.29	41.23	0.24	7.17	11.57	3.20
SQU-US	2025-05-13 13:00:00	8.40	40.56	0.24	7.14	11.56	3.49
SQU-US	2025-05-13 13:15:00	8.49	40.63	0.24	7.14	11.56	2.54
SQU-US	2025-05-13 13:30:00	8.60	40.80	0.26	7.09	11.54	2.80
SQU-US	2025-05-13 13:45:00	8.71	40.61	0.27	7.14	11.53	2.77
SQU-US	2025-05-13 14:00:00	8.79	40.39	0.27	7.16	11.52	4.22

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-13 14:15:00	8.88	40.60	0.25	7.15	11.48	3.24
SQU-US	2025-05-13 14:30:00	8.97	40.38	0.24	7.19	11.47	3.20
SQU-US	2025-05-13 14:45:00	9.04	40.43	0.24	7.19	11.46	3.61
SQU-US	2025-05-13 15:00:00	9.13	41.27	0.24		11.41	2.05
SQU-US	2025-05-13 15:15:00	9.19	41.87	0.25	7.16	11.37	3.95
SQU-US	2025-05-13 15:30:00	9.21	41.46	0.26	7.15	11.38	3.39
SQU-US	2025-05-13 15:45:00	9.24	41.31	0.27	7.16	11.36	2.23
SQU-US	2025-05-13 16:00:00	9.28	41.44	0.27	7.15	11.35	2.60
SQU-US	2025-05-13 16:15:00	9.30	41.53	0.25	7.17	11.33	3.88
SQU-US	2025-05-13 16:30:00	9.34	41.56	0.24	7.15	11.32	4.43
SQU-US	2025-05-13 16:45:00	9.37	41.25	0.24	7.18	11.33	4.21
SQU-US	2025-05-13 17:00:00	9.42	41.18	0.24	7.19	11.30	3.27
SQU-US	2025-05-13 17:15:00	9.46	41.53	0.25	7.15	11.29	2.38
SQU-US	2025-05-13 17:30:00	9.50	41.38	0.26	7.18	11.28	2.76
SQU-US	2025-05-13 17:45:00	9.49	40.74	0.27	7.17	11.28	3.63
SQU-US	2025-05-13 18:00:00	9.47	40.94	0.27	7.17	11.26	3.44
SQU-US	2025-05-13 18:15:00	9.46	41.14	0.23	7.20	11.24	2.87
SQU-US	2025-05-13 18:30:00	9.44	40.29	0.23	7.14	11.24	2.76
SQU-US	2025-05-13 18:45:00	9.40	40.02	0.23	7.21	11.23	4.29
SQU-US	2025-05-13 19:00:00	9.34	39.93	0.23	7.21	11.23	10.02
SQU-US	2025-05-13 19:15:00	9.30	39.54	0.24	7.20	11.23	3.79
SQU-US	2025-05-13 19:30:00	9.24	39.72	0.26	7.18	11.21	2.79
SQU-US	2025-05-13 19:45:00	9.18	39.73	0.26	7.19	11.20	3.02
SQU-US	2025-05-13 20:00:00	9.16	39.77	0.27	7.19	11.18	2.62
SQU-US	2025-05-13 20:15:00	9.11	40.43	0.24	7.23	11.18	2.73
SQU-US	2025-05-13 20:30:00	9.04	40.85	0.23	7.22	11.16	1.55
SQU-US	2025-05-13 20:45:00	9.06	41.30	0.23	7.22	11.13	2.44
SQU-US	2025-05-13 21:00:00	9.06	43.60	0.23	7.20	11.07	1.98
SQU-US	2025-05-13 21:15:00	9.06	42.56	0.23	7.18	11.07	2.43
SQU-US	2025-05-13 21:30:00	9.02	43.35	0.25	7.16	11.04	4.18
SQU-US	2025-05-13 21:45:00	9.02	44.08	0.25	7.14	11.02	2.98
SQU-US	2025-05-13 22:00:00	9.02	44.61	0.26	7.11	10.97	4.33
SQU-US	2025-05-13 22:15:00	8.98	43.89	0.21	7.18	10.98	2.02
SQU-US	2025-05-13 22:30:00	8.97	43.97	0.21	7.16	10.97	3.87
SQU-US	2025-05-13 22:45:00	8.92	45.78	0.22	7.16	10.96	3.49
SQU-US	2025-05-13 23:00:00	8.89	45.28	0.21	7.15	10.96	4.29
SQU-US	2025-05-13 23:15:00	8.88	45.89	0.23	7.12	10.96	5.32
SQU-US	2025-05-13 23:30:00	8.85	45.49	0.24	7.10	10.97	4.96
SQU-US	2025-05-13 23:45:00	8.80	43.86	0.25	7.10	10.99	5.21
SQU-US	2025-05-14 00:00:00	8.75	43.15	0.26	7.12	10.98	5.11
SQU-US	2025-05-14 00:15:00	8.70	42.20	0.23	7.13	11.01	4.17
SQU-US	2025-05-14 00:30:00	8.64	42.47	0.22	7.16	11.02	4.78
SQU-US	2025-05-14 00:45:00	8.57	41.97	0.22	7.11	11.03	6.44
SQU-US	2025-05-14 01:00:00	8.50	41.33	0.22	7.13	11.05	5.45
SQU-US	2025-05-14 01:15:00	8.43	40.54	0.23	7.10	11.10	7.36
SQU-US	2025-05-14 01:30:00	8.34	40.43	0.25	7.09	11.12	7.86
SQU-US	2025-05-14 01:45:00	8.28	40.65	0.26	7.07	11.13	8.48
SQU-US	2025-05-14 02:00:00	8.19	39.98	0.26	7.09	11.16	5.48
SQU-US	2025-05-14 02:15:00	8.13	39.79	0.23	7.05	11.18	4.67
SQU-US	2025-05-14 02:30:00	8.06	39.31	0.22	7.12	11.18	9.02
SQU-US	2025-05-14 02:45:00	8.01	39.46	0.22	7.10	11.19	7.03
SQU-US	2025-05-14 03:00:00	7.93	39.17	0.22	7.11	11.21	7.13
SQU-US	2025-05-14 03:15:00	7.88	39.20	0.23	7.06	11.21	5.50
SQU-US	2025-05-14 03:30:00	7.82	38.74	0.25	7.07	11.24	5.30
SQU-US	2025-05-14 03:45:00	7.77	38.15	0.26	7.03	11.26	9.31

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-14 04:00:00	7.73	37.88	0.26	7.07	11.29	5.27
SQU-US	2025-05-14 04:15:00	7.68	38.03	0.23	7.08	11.29	5.49
SQU-US	2025-05-14 04:30:00	7.64	37.90	0.22	7.11	11.31	4.45
SQU-US	2025-05-14 04:45:00	7.60	37.47	0.21	7.12	11.33	4.34
SQU-US	2025-05-14 05:00:00	7.56	37.38	0.22	7.11	11.34	4.36
SQU-US	2025-05-14 05:15:00	7.51	37.13	0.23	7.07	11.36	6.06
SQU-US	2025-05-14 05:30:00	7.46	36.95	0.24	7.08	11.36	8.92
SQU-US	2025-05-14 05:45:00	7.41	36.91	0.25	7.10	11.38	6.03
SQU-US	2025-05-14 06:00:00	7.36	37.43	0.26	7.09	11.39	6.20
SQU-US	2025-05-14 06:15:00	7.32	37.06	0.21	7.14	11.42	4.67
SQU-US	2025-05-14 06:30:00	7.29	36.43	0.22	7.16	11.44	5.35
SQU-US	2025-05-14 06:45:00	7.26	36.32	0.22	7.11	11.47	6.81
SQU-US	2025-05-14 07:00:00	7.24	37.12	0.22	7.13	11.47	6.17
SQU-US	2025-05-14 07:15:00	7.24	37.35	0.24	7.07	11.45	5.78
SQU-US	2025-05-14 07:30:00	7.25	36.82	0.25	7.09	11.48	8.18
SQU-US	2025-05-14 07:45:00	7.25	37.18	0.26	7.07	11.47	9.42
SQU-US	2025-05-14 08:00:00	7.25	37.03	0.27	7.08	11.48	10.87
SQU-US	2025-05-14 08:15:00	7.23	36.58	0.22	7.07	11.52	7.42
SQU-US	2025-05-14 08:30:00	7.26	37.52	0.22	7.08	11.52	5.59
SQU-US	2025-05-14 08:45:00	7.31	37.01	0.22	7.12	11.54	6.99
SQU-US	2025-05-14 09:00:00	7.37	36.27	0.22	7.14	11.57	8.20
SQU-US	2025-05-14 09:15:00	7.43	36.35	0.24	7.10	11.56	4.87
SQU-US	2025-05-14 09:30:00	7.44	36.47	0.25	7.10	11.58	11.48
SQU-US	2025-05-14 09:45:00	7.48	36.66	0.26	7.11	11.58	9.38
SQU-US	2025-05-14 10:00:00	7.57	36.89	0.27	7.09	11.58	7.51
SQU-US	2025-05-14 10:15:00	7.63	36.95	0.22	7.14	11.57	4.56
SQU-US	2025-05-14 10:30:00	7.70	36.90	0.22	7.11	11.59	8.18
SQU-US	2025-05-14 10:45:00	7.78	36.81	0.21	7.17	11.58	7.50
SQU-US	2025-05-14 11:00:00	7.84	36.56	0.21	7.14	11.60	8.94
SQU-US	2025-05-14 11:15:00	7.88	36.23	0.23	7.12	11.59	8.85
SQU-US	2025-05-14 11:30:00	7.88	35.88	0.25	7.13	11.61	5.27
SQU-US	2025-05-14 11:45:00	8.00	36.17	0.26	7.15	11.58	7.77
SQU-US	2025-05-14 12:00:00	8.01	36.35	0.26		11.56	8.58
SQU-US	2025-05-14 12:15:00	8.01	35.19	0.22	7.16	11.59	6.92
SQU-US	2025-05-14 12:30:00	8.06	35.39	0.22	7.18	11.58	7.65
SQU-US	2025-05-14 12:45:00	8.15	36.68	0.22	7.11	11.53	7.61
SQU-US	2025-05-14 13:00:00	8.21	36.02	0.21	7.17	11.55	5.81
SQU-US	2025-05-14 13:15:00	8.26	35.40	0.23	7.10	11.55	8.06
SQU-US	2025-05-14 13:30:00	8.25	35.58	0.25	7.13	11.55	6.87
SQU-US	2025-05-14 13:45:00	8.30	35.56	0.26	7.15	11.53	7.50
SQU-US	2025-05-14 14:00:00	8.40	35.58	0.27	7.13	11.52	7.87
SQU-US	2025-05-14 14:15:00	8.51	35.59	0.21	7.19	11.49	7.09
SQU-US	2025-05-14 14:30:00	8.58	35.62	0.21	7.20	11.48	6.93
SQU-US	2025-05-14 14:45:00	8.64	35.80	0.22	7.13	11.46	6.61
SQU-US	2025-05-14 15:00:00	8.66	36.12	0.21	7.15	11.43	9.50
SQU-US	2025-05-14 15:15:00	8.76	36.22	0.23	7.12	11.42	6.63
SQU-US	2025-05-14 15:30:00	8.83	36.44	0.25	7.17	11.40	10.12
SQU-US	2025-05-14 15:45:00	8.89	35.97	0.26	7.14	11.40	8.31
SQU-US	2025-05-14 16:00:00	8.95	36.80	0.27		11.37	5.88
SQU-US	2025-05-14 16:15:00	9.00	36.01	0.23	7.11	11.38	8.09
SQU-US	2025-05-14 16:30:00	9.00	35.49	0.22	7.17	11.38	6.22
SQU-US	2025-05-14 16:45:00	9.07	36.09	0.22	7.20	11.36	5.97
SQU-US	2025-05-14 17:00:00	9.13	36.42	0.22	7.20	11.35	8.60
SQU-US	2025-05-14 17:15:00	9.16	36.79	0.23	7.16	11.34	7.34
SQU-US	2025-05-14 17:30:00	9.12	36.60	0.25	7.17	11.35	8.49

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-14 17:45:00	9.03	36.15	0.26	7.15	11.33	5.69
SQU-US	2025-05-14 18:00:00	8.92	36.38	0.27	7.13	11.33	7.76
SQU-US	2025-05-14 18:15:00	8.87	36.18	0.23	7.16	11.33	10.30
SQU-US	2025-05-14 18:30:00	8.85	36.17	0.23	7.18	11.33	8.65
SQU-US	2025-05-14 18:45:00	8.85	35.79	0.23	7.18	11.32	6.22
SQU-US	2025-05-14 19:00:00	8.83	35.20	0.23	7.20	11.34	7.65
SQU-US	2025-05-14 19:15:00	8.79	34.89	0.24	7.15	11.32	7.05
SQU-US	2025-05-14 19:30:00	8.74	34.45	0.26	7.16	11.32	5.01
SQU-US	2025-05-14 19:45:00	8.69	34.52	0.26	7.17	11.33	6.43
SQU-US	2025-05-14 20:00:00	8.64	34.58	0.27	7.16	11.32	5.72
SQU-US	2025-05-14 20:15:00	8.63	35.40	0.21	7.19	11.29	6.01
SQU-US	2025-05-14 20:30:00	8.61	35.48	0.21	7.21	11.29	4.46
SQU-US	2025-05-14 20:45:00	8.56	35.92	0.21	7.21	11.27	5.30
SQU-US	2025-05-14 21:00:00	8.52	36.72	0.21	7.16	11.25	7.96
SQU-US	2025-05-14 21:15:00	8.44	36.39	0.23	7.14	11.27	3.61
SQU-US	2025-05-14 21:30:00	8.40	36.46	0.24	7.14	11.26	7.24
SQU-US	2025-05-14 21:45:00	8.37	36.90	0.25	7.13	11.25	6.92
SQU-US	2025-05-14 22:00:00	8.29	37.22	0.26	7.12	11.25	7.85
SQU-US	2025-05-14 22:15:00	8.24	37.85	0.21	7.17	11.27	5.65
SQU-US	2025-05-14 22:30:00	8.23	38.30	0.21	7.13	11.23	7.51
SQU-US	2025-05-14 22:45:00	8.17	37.60	0.22	7.11	11.24	9.29
SQU-US	2025-05-14 23:00:00	8.12	38.32	0.21	7.13	11.23	7.99
SQU-US	2025-05-14 23:15:00	8.03	37.55	0.23	7.12	11.26	7.99
SQU-US	2025-05-14 23:30:00	7.97	38.46	0.24	7.03	11.25	7.94
SQU-US	2025-05-14 23:45:00	7.92	39.18	0.25	7.06	11.22	9.00
SQU-US	2025-05-15 00:00:00	7.83	38.44	0.26	7.06	11.23	9.82
SQU-US	2025-05-15 00:15:00	7.76	37.88	0.23	7.10	11.26	6.29
SQU-US	2025-05-15 00:30:00	7.68	38.03	0.21	7.07	11.27	7.66
SQU-US	2025-05-15 00:45:00	7.60	37.39	0.22	7.09	11.31	8.20
SQU-US	2025-05-15 01:00:00	7.54	37.29	0.21		11.33	6.96
SQU-US	2025-05-15 01:15:00	7.45	36.56	0.22	7.05	11.37	8.92
SQU-US	2025-05-15 01:30:00	7.36	36.14	0.24	7.05	11.40	8.93
SQU-US	2025-05-15 01:45:00	7.31	35.80	0.25	7.06	11.40	8.66
SQU-US	2025-05-15 02:00:00	7.24	35.50	0.26	7.07	11.43	8.59
SQU-US	2025-05-15 02:15:00	7.16	34.74	0.20	7.10	11.45	7.44
SQU-US	2025-05-15 02:30:00	7.10	35.17	0.21	7.09	11.48	7.61
SQU-US	2025-05-15 02:45:00	7.03	35.26	0.22	7.08	11.49	6.77
SQU-US	2025-05-15 03:00:00	6.98	34.65	0.22	7.10	11.51	7.71
SQU-US	2025-05-15 03:15:00	6.93	34.53	0.23	7.07	11.53	7.43
SQU-US	2025-05-15 03:30:00	6.89	34.30	0.25	7.03	11.54	6.57
SQU-US	2025-05-15 03:45:00	6.82	34.20	0.25	7.04	11.57	8.92
SQU-US	2025-05-15 04:00:00	6.78	34.33	0.26	7.07	11.58	9.92
SQU-US	2025-05-15 04:15:00	6.75	33.96	0.21	7.06	11.59	9.50
SQU-US	2025-05-15 04:30:00	6.69	34.04	0.21	7.08	11.60	7.98
SQU-US	2025-05-15 04:45:00	6.62	33.72	0.21	7.09	11.64	6.02
SQU-US	2025-05-15 05:00:00	6.60	33.89	0.21	7.06	11.65	15.37
SQU-US	2025-05-15 05:15:00	6.53	33.95	0.22	7.05	11.67	6.39
SQU-US	2025-05-15 05:30:00	6.50	33.56	0.24	7.03	11.70	6.97
SQU-US	2025-05-15 05:45:00	6.45	33.48	0.25	7.03	11.72	9.82
SQU-US	2025-05-15 06:00:00	6.41	33.36	0.26	7.03	11.73	6.84
SQU-US	2025-05-15 06:15:00	6.37	33.41	0.21	7.10	11.74	4.12
SQU-US	2025-05-15 06:30:00	6.33	33.89	0.20	7.10	11.75	8.16
SQU-US	2025-05-15 06:45:00	6.33	33.53	0.21	7.09	11.77	6.43
SQU-US	2025-05-15 07:00:00	6.33	33.73	0.21	7.10	11.79	7.30
SQU-US	2025-05-15 07:15:00	6.34	34.16	0.23	7.02	11.79	4.98

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-15 07:30:00	6.34	34.51	0.25	7.04	11.81	9.31
SQU-US	2025-05-15 07:45:00	6.36	34.34	0.26	7.05	11.82	3.79
SQU-US	2025-05-15 08:00:00	6.38	34.51	0.27	7.04	11.82	7.56
SQU-US	2025-05-15 08:15:00	6.41	34.58	0.19	7.08	11.81	4.10
SQU-US	2025-05-15 08:30:00	6.44	34.72	0.20	7.12	11.83	4.77
SQU-US	2025-05-15 08:45:00	6.47	34.32	0.21	7.07	11.85	6.48
SQU-US	2025-05-15 09:00:00	6.44	34.43	0.21	7.11	11.86	5.61
SQU-US	2025-05-15 09:15:00	6.46	34.34	0.23	7.08	11.88	5.99
SQU-US	2025-05-15 09:30:00	6.55	34.62	0.25	7.09	11.86	7.51
SQU-US	2025-05-15 09:45:00	6.64	34.57	0.26	7.07	11.86	11.42
SQU-US	2025-05-15 10:00:00	6.66	34.55	0.27		11.86	3.32
SQU-US	2025-05-15 10:15:00	6.64	34.25	0.20	7.10	11.86	10.45
SQU-US	2025-05-15 10:30:00	6.65	34.05	0.22	7.14	11.88	5.91
SQU-US	2025-05-15 10:45:00	6.68	34.49	0.22	7.12	11.87	7.77
SQU-US	2025-05-15 11:00:00	6.70	34.25	0.21	7.14	11.87	4.92
SQU-US	2025-05-15 11:15:00	6.72	33.99	0.23	7.11	11.88	6.15
SQU-US	2025-05-15 11:30:00	6.74	34.45	0.25	7.10	11.87	7.00
SQU-US	2025-05-15 11:45:00	6.74	34.80	0.26	7.08	11.85	7.21
SQU-US	2025-05-15 12:00:00	6.77	34.73	0.27	7.10	11.85	9.85
SQU-US	2025-05-15 12:15:00	6.77	34.89	0.20	7.12	11.86	6.09
SQU-US	2025-05-15 12:30:00	6.79	34.69	0.21	7.12	11.85	8.02
SQU-US	2025-05-15 12:45:00	6.83	34.81	0.22	7.12	11.84	5.91
SQU-US	2025-05-15 13:00:00	6.85	34.59	0.22	7.12	11.84	7.03
SQU-US	2025-05-15 13:15:00	6.85	34.81	0.23	7.11	11.83	10.95
SQU-US	2025-05-15 13:30:00	6.87	34.55	0.25	7.11	11.84	5.98
SQU-US	2025-05-15 13:45:00	6.91	35.06	0.26	7.08	11.84	5.56
SQU-US	2025-05-15 14:00:00	6.95	34.87	0.27	7.08	11.84	8.47
SQU-US	2025-05-15 14:15:00	6.99	35.31	0.23	7.13	11.83	6.12
SQU-US	2025-05-15 14:30:00	7.06	35.19	0.22	7.09	11.84	8.70
SQU-US	2025-05-15 14:45:00	7.09	35.02	0.22	7.14	11.82	7.31
SQU-US	2025-05-15 15:00:00	7.14	34.97	0.22	7.14	11.82	6.47
SQU-US	2025-05-15 15:15:00	7.16	35.27	0.24	7.12	11.82	5.94
SQU-US	2025-05-15 15:30:00	7.19	35.22	0.25	7.10	11.82	4.53
SQU-US	2025-05-15 15:45:00	7.21	35.47	0.26	7.12	11.80	6.07
SQU-US	2025-05-15 16:00:00	7.23	35.18	0.27	7.13	11.79	6.62
SQU-US	2025-05-15 16:15:00	7.24	35.18	0.22	7.16	11.78	6.17
SQU-US	2025-05-15 16:30:00	7.23	35.03	0.22	7.13	11.78	9.82
SQU-US	2025-05-15 16:45:00	7.23	35.11	0.22	7.17	11.78	5.24
SQU-US	2025-05-15 17:00:00	7.24	35.50	0.22	7.15	11.76	5.63
SQU-US	2025-05-15 17:15:00	7.24	35.44	0.24	7.11	11.76	5.38
SQU-US	2025-05-15 17:30:00	7.24	35.25	0.25	7.12	11.77	7.22
SQU-US	2025-05-15 17:45:00	7.25	35.40	0.26	7.12	11.75	4.52
SQU-US	2025-05-15 18:00:00	7.24	35.27	0.27	7.12	11.75	5.71
SQU-US	2025-05-15 18:15:00	7.23	35.51	0.21	7.15	11.74	6.29
SQU-US	2025-05-15 18:30:00	7.23	35.81	0.21	7.15	11.72	6.76
SQU-US	2025-05-15 18:45:00	7.23	35.79	0.21	7.14	11.71	5.00
SQU-US	2025-05-15 19:00:00	7.24	35.92	0.21	7.15	11.70	4.67
SQU-US	2025-05-15 19:15:00	7.23	35.93	0.23	7.10	11.68	5.47
SQU-US	2025-05-15 19:30:00	7.22	35.98	0.25	7.14	11.70	5.73
SQU-US	2025-05-15 19:45:00	7.21	35.49	0.26	7.12	11.71	4.51
SQU-US	2025-05-15 20:00:00	7.16	34.66	0.27	7.11	11.71	5.93
SQU-US	2025-05-15 20:15:00	7.12	34.53	0.22	7.20	11.72	6.22
SQU-US	2025-05-15 20:30:00	7.10	34.67	0.22	7.11	11.70	3.57
SQU-US	2025-05-15 20:45:00	7.08	34.90	0.21	7.16	11.67	6.01
SQU-US	2025-05-15 21:00:00	7.04	35.12	0.21	7.16	11.66	5.05

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-15 21:15:00	7.00	35.05	0.23	7.15	11.67	5.52
SQU-US	2025-05-15 21:30:00	6.97	35.13	0.24	7.12	11.64	5.26
SQU-US	2025-05-15 21:45:00	6.94	35.88	0.25	7.12	11.62	3.95
SQU-US	2025-05-15 22:00:00	6.94	36.84	0.26	7.12	11.62	4.92
SQU-US	2025-05-15 22:15:00	6.94	36.99	0.21	7.17	11.61	4.02
SQU-US	2025-05-15 22:30:00	6.89	38.02	0.21	7.15	11.60	3.18
SQU-US	2025-05-15 22:45:00	6.90	37.78	0.22	7.13	11.61	6.94
SQU-US	2025-05-15 23:00:00	6.88	38.01	0.22		11.61	5.78
SQU-US	2025-05-15 23:15:00	6.88	38.18	0.22	7.10	11.58	6.78
SQU-US	2025-05-15 23:30:00	6.87	38.57	0.24	7.11	11.59	7.10
SQU-US	2025-05-15 23:45:00	6.89	38.53	0.25	7.10	11.57	4.27
SQU-US	2025-05-16 00:00:00	6.88	38.48	0.26	7.08	11.57	6.67
SQU-US	2025-05-16 00:15:00	6.87	39.41	0.23	7.10	11.55	4.10
SQU-US	2025-05-16 00:30:00	6.87	39.72	0.22	7.08	11.54	4.20
SQU-US	2025-05-16 00:45:00	6.87	39.26	0.22	7.05	11.53	4.02
SQU-US	2025-05-16 01:00:00	6.82	38.98	0.22	7.10	11.55	3.80
SQU-US	2025-05-16 01:15:00	6.81	39.28	0.23	7.05	11.55	5.91
SQU-US	2025-05-16 01:30:00	6.80	39.38	0.25	7.06	11.54	8.18
SQU-US	2025-05-16 01:45:00	6.77	38.75	0.26	7.06	11.57	6.69
SQU-US	2025-05-16 02:00:00	6.74	38.69	0.27	7.02	11.59	5.07
SQU-US	2025-05-16 02:15:00	6.71	38.69	0.21	7.11	11.59	9.53
SQU-US	2025-05-16 02:30:00	6.70	38.57	0.21	7.10	11.60	5.49
SQU-US	2025-05-16 02:45:00	6.68	38.38	0.21	7.11	11.60	6.53
SQU-US	2025-05-16 03:00:00	6.67	37.96	0.21	7.08	11.61	4.84
SQU-US	2025-05-16 03:15:00	6.62	37.89	0.23	7.09	11.61	5.48
SQU-US	2025-05-16 03:30:00	6.61	38.01	0.24	7.10	11.63	5.55
SQU-US	2025-05-16 03:45:00	6.60	37.95	0.25	7.08	11.64	4.76
SQU-US	2025-05-16 04:00:00	6.57	37.98	0.26		11.64	5.25
SQU-US	2025-05-16 04:15:00	6.56	37.91	0.21	7.09	11.65	4.05
SQU-US	2025-05-16 04:30:00	6.53	37.42	0.21	7.10	11.65	5.17
SQU-US	2025-05-16 04:45:00	6.51	37.30	0.22	7.08	11.66	4.99
SQU-US	2025-05-16 05:00:00	6.49	37.76	0.22	7.10	11.67	5.62
SQU-US	2025-05-16 05:15:00	6.47	37.65	0.23	7.09	11.65	4.75
SQU-US	2025-05-16 05:30:00	6.45	37.61	0.25	7.09	11.68	4.83
SQU-US	2025-05-16 05:45:00	6.45	37.79	0.26	7.08	11.68	4.45
SQU-US	2025-05-16 06:00:00	6.43	37.60	0.26	7.09	11.68	5.80
SQU-US	2025-05-16 06:15:00	6.41	37.61	0.19	7.12	11.69	6.00
SQU-US	2025-05-16 06:30:00	6.40	37.26	0.20	7.11	11.71	4.24
SQU-US	2025-05-16 06:45:00	6.38	37.61	0.21	7.07	11.72	5.41
SQU-US	2025-05-16 07:00:00	6.36	37.71	0.20	7.12	11.72	4.44
SQU-US	2025-05-16 07:15:00	6.37	37.48	0.23	7.04	11.74	2.95
SQU-US	2025-05-16 07:30:00	6.35	37.91	0.25	7.10	11.77	4.72
SQU-US	2025-05-16 07:45:00	6.36	37.96	0.26	7.10	11.78	4.50
SQU-US	2025-05-16 08:00:00	6.39	38.05	0.26	7.11	11.78	6.09
SQU-US	2025-05-16 08:15:00	6.41	38.56	0.21	7.13	11.79	2.77
SQU-US	2025-05-16 08:30:00	6.43	38.80	0.21	7.09	11.81	4.42
SQU-US	2025-05-16 08:45:00	6.47	38.61	0.21	7.13	11.81	4.40
SQU-US	2025-05-16 09:00:00	6.51	38.57	0.21	7.10	11.82	4.76
SQU-US	2025-05-16 09:15:00	6.56	38.43	0.23	7.11	11.83	4.54
SQU-US	2025-05-16 09:30:00	6.63	38.67	0.25	7.12	11.83	4.68
SQU-US	2025-05-16 09:45:00	6.66	38.51	0.26	7.13	11.83	4.65
SQU-US	2025-05-16 10:00:00	6.69	38.57	0.27	7.13	11.85	4.65
SQU-US	2025-05-16 10:15:00	6.74	38.72	0.22	7.13	11.83	5.24
SQU-US	2025-05-16 10:30:00	6.81	39.06	0.22	7.16	11.83	4.09
SQU-US	2025-05-16 10:45:00	6.88	39.04	0.22	7.12	11.83	3.66

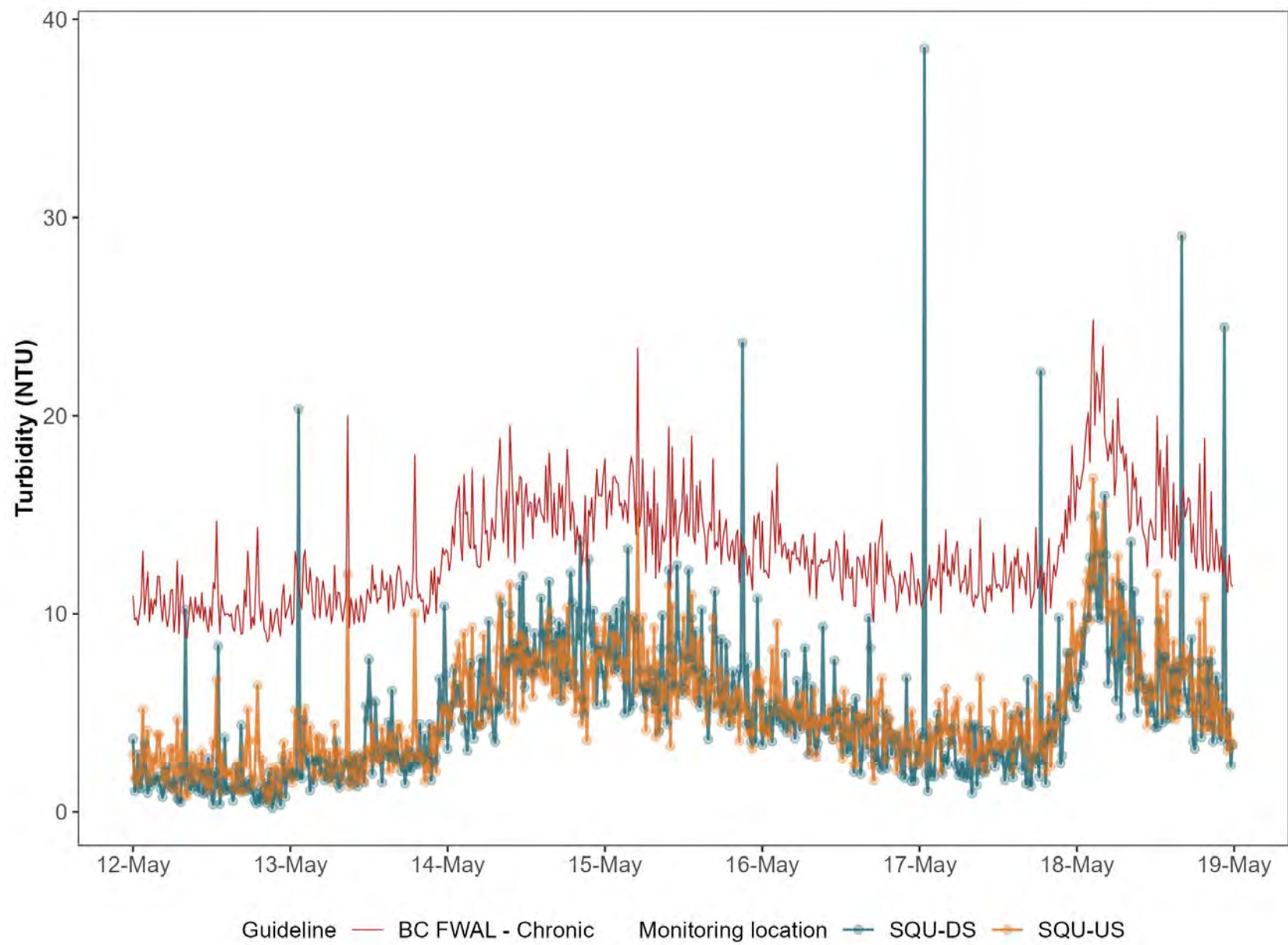
Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-16 11:00:00	6.92	38.89	0.21	7.16	11.84	4.22
SQU-US	2025-05-16 11:15:00	6.94	38.90	0.23	7.14	11.82	5.69
SQU-US	2025-05-16 11:30:00	6.96	38.76	0.25	7.15	11.83	5.46
SQU-US	2025-05-16 11:45:00	7.02	38.71	0.26	7.14	11.82	4.76
SQU-US	2025-05-16 12:00:00	7.08	39.00	0.27	7.15	11.80	3.34
SQU-US	2025-05-16 12:15:00	7.12	39.03	0.23	7.09	11.81	2.69
SQU-US	2025-05-16 12:30:00	7.19	39.12	0.22	7.15	11.81	6.12
SQU-US	2025-05-16 12:45:00	7.25	38.77	0.23	7.18	11.81	3.78
SQU-US	2025-05-16 13:00:00	7.29	38.42	0.22		11.80	5.23
SQU-US	2025-05-16 13:15:00	7.34	38.56	0.24	7.17	11.79	3.86
SQU-US	2025-05-16 13:30:00	7.42	39.03	0.25	7.15	11.78	3.77
SQU-US	2025-05-16 13:45:00	7.52	39.10	0.27	7.15	11.76	4.34
SQU-US	2025-05-16 14:00:00	7.58	39.06	0.27	7.15	11.74	2.42
SQU-US	2025-05-16 14:15:00	7.61	39.23	0.23	7.18	11.74	2.37
SQU-US	2025-05-16 14:30:00	7.65	39.29	0.23	7.12	11.73	4.88
SQU-US	2025-05-16 14:45:00	7.66	38.98	0.22	7.19	11.72	4.80
SQU-US	2025-05-16 15:00:00	7.70	39.12	0.21	7.16	11.72	4.41
SQU-US	2025-05-16 15:15:00	7.76	40.01	0.23	7.17	11.67	3.78
SQU-US	2025-05-16 15:30:00	7.79	39.66	0.25	7.18	11.67	4.93
SQU-US	2025-05-16 15:45:00	7.80	39.60	0.26	7.17	11.66	4.05
SQU-US	2025-05-16 16:00:00	7.82	40.11	0.27	7.14	11.64	3.36
SQU-US	2025-05-16 16:15:00	7.82	39.74	0.23	7.17	11.64	4.32
SQU-US	2025-05-16 16:30:00	7.80	39.83	0.23	7.12	11.64	5.57
SQU-US	2025-05-16 16:45:00	7.80	40.14	0.22	7.17	11.62	2.37
SQU-US	2025-05-16 17:00:00	7.78	40.16	0.22	7.16	11.61	1.59
SQU-US	2025-05-16 17:15:00	7.78	40.25	0.24	7.12	11.59	5.58
SQU-US	2025-05-16 17:30:00	7.77	40.16	0.25	7.14	11.58	3.49
SQU-US	2025-05-16 17:45:00	7.75	40.05	0.26	7.17	11.60	5.51
SQU-US	2025-05-16 18:00:00	7.76	40.15	0.27	7.15	11.58	5.95
SQU-US	2025-05-16 18:15:00	7.77	40.25	0.23	7.18	11.56	6.74
SQU-US	2025-05-16 18:30:00	7.77	40.35	0.22	7.17	11.55	3.50
SQU-US	2025-05-16 18:45:00	7.77	40.28	0.22	7.18	11.53	2.60
SQU-US	2025-05-16 19:00:00	7.77	40.15	0.22	7.18	11.53	5.12
SQU-US	2025-05-16 19:15:00	7.78	40.19	0.23	7.13	11.52	3.98
SQU-US	2025-05-16 19:30:00	7.78	40.08	0.25	7.16	11.51	4.71
SQU-US	2025-05-16 19:45:00	7.78	40.26	0.26	7.15	11.50	3.93
SQU-US	2025-05-16 20:00:00	7.77	40.27	0.27	7.14	11.49	3.83
SQU-US	2025-05-16 20:15:00	7.74	39.85	0.23	7.16	11.47	3.44
SQU-US	2025-05-16 20:30:00	7.72	39.58	0.22	7.21	11.47	2.08
SQU-US	2025-05-16 20:45:00	7.69	39.75	0.23	7.19	11.47	2.62
SQU-US	2025-05-16 21:00:00	7.67	39.55	0.23	7.20	11.45	4.02
SQU-US	2025-05-16 21:15:00	7.64	39.48	0.24	7.15	11.43	3.05
SQU-US	2025-05-16 21:30:00	7.60	39.18	0.25	7.13	11.43	3.43
SQU-US	2025-05-16 21:45:00	7.55	39.09	0.26	7.16	11.45	4.16
SQU-US	2025-05-16 22:00:00	7.49	39.19	0.27	7.16	11.43	3.60
SQU-US	2025-05-16 22:15:00	7.49	39.76	0.23	7.14	11.43	3.36
SQU-US	2025-05-16 22:30:00	7.45	40.13	0.22	7.22	11.42	2.46
SQU-US	2025-05-16 22:45:00	7.40	40.20	0.22	7.20	11.44	5.07
SQU-US	2025-05-16 23:00:00	7.38	40.40	0.22	7.18	11.43	4.41
SQU-US	2025-05-16 23:15:00	7.39	40.83	0.24	7.10	11.40	3.32
SQU-US	2025-05-16 23:30:00	7.38	40.83	0.25	7.14	11.41	2.47
SQU-US	2025-05-16 23:45:00	7.38	41.54	0.26	7.14	11.40	3.75
SQU-US	2025-05-17 00:00:00	7.36	41.90	0.26	7.13	11.39	3.37
SQU-US	2025-05-17 00:15:00	7.34	41.83	0.21	7.18	11.38	2.35
SQU-US	2025-05-17 00:30:00	7.33	42.05	0.21	7.17	11.38	2.66

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-17 00:45:00	7.32	42.62	0.21	7.12	11.36	3.10
SQU-US	2025-05-17 01:00:00	7.30	42.81	0.22	7.09	11.35	3.07
SQU-US	2025-05-17 01:15:00	7.31	43.42	0.23	7.09	11.33	3.40
SQU-US	2025-05-17 01:30:00	7.28	42.28	0.25	7.08	11.36	4.47
SQU-US	2025-05-17 01:45:00	7.23	42.47	0.26	7.07	11.35	2.70
SQU-US	2025-05-17 02:00:00	7.23	41.95	0.27	7.08	11.38	3.79
SQU-US	2025-05-17 02:15:00	7.22	42.22	0.21	7.12	11.37	3.73
SQU-US	2025-05-17 02:30:00	7.14	41.69	0.21	7.14	11.39	3.35
SQU-US	2025-05-17 02:45:00	7.12	41.17	0.22	7.10	11.41	4.14
SQU-US	2025-05-17 03:00:00	7.10	41.34	0.22	7.10	11.42	5.51
SQU-US	2025-05-17 03:15:00	7.07	41.41	0.23	7.09	11.42	2.04
SQU-US	2025-05-17 03:30:00	7.06	40.76	0.25	7.11	11.43	4.57
SQU-US	2025-05-17 03:45:00	7.00	40.47	0.26	7.02	11.44	4.11
SQU-US	2025-05-17 04:00:00	6.97	40.58	0.26	7.09	11.44	6.23
SQU-US	2025-05-17 04:15:00	6.96	40.41	0.21	7.16	11.45	3.92
SQU-US	2025-05-17 04:30:00	6.93	40.56	0.21	7.09	11.45	4.25
SQU-US	2025-05-17 04:45:00	6.91	40.39	0.22	7.11	11.46	3.40
SQU-US	2025-05-17 05:00:00	6.91	40.22	0.21	7.15	11.46	5.00
SQU-US	2025-05-17 05:15:00	6.87	40.23	0.23	7.11	11.48	4.01
SQU-US	2025-05-17 05:30:00	6.86	39.98	0.24	7.10	11.50	5.25
SQU-US	2025-05-17 05:45:00	6.84	40.05	0.25	7.11	11.48	5.66
SQU-US	2025-05-17 06:00:00	6.82	39.80	0.26	7.10	11.50	4.04
SQU-US	2025-05-17 06:15:00	6.79	40.06	0.20	7.10	11.52	3.08
SQU-US	2025-05-17 06:30:00	6.78	39.96	0.21	7.04	11.53	3.64
SQU-US	2025-05-17 06:45:00	6.75	39.95	0.21	7.14	11.55	3.62
SQU-US	2025-05-17 07:00:00	6.76	40.05	0.21	7.15	11.57	4.45
SQU-US	2025-05-17 07:15:00	6.73	39.87	0.23	7.05	11.59	2.96
SQU-US	2025-05-17 07:30:00	6.74	39.54	0.25	7.13	11.62	3.46
SQU-US	2025-05-17 07:45:00	6.75	39.58	0.26	7.13	11.63	5.28
SQU-US	2025-05-17 08:00:00	6.76	39.70	0.26		11.65	2.72
SQU-US	2025-05-17 08:15:00	6.77	39.57	0.22	7.14	11.67	2.36
SQU-US	2025-05-17 08:30:00	6.76	39.77	0.22	7.20	11.70	2.96
SQU-US	2025-05-17 08:45:00	6.76	39.97	0.22	7.17	11.70	2.78
SQU-US	2025-05-17 09:00:00	6.78	40.09	0.22		11.70	3.05
SQU-US	2025-05-17 09:15:00	6.80	40.19	0.24	7.14	11.70	6.78
SQU-US	2025-05-17 09:30:00	6.79	40.14	0.25	7.15	11.70	3.17
SQU-US	2025-05-17 09:45:00	6.77	40.29	0.26	7.16	11.70	2.34
SQU-US	2025-05-17 10:00:00	6.79	39.86	0.27	7.14	11.71	2.06
SQU-US	2025-05-17 10:15:00	6.79	40.05	0.21	7.15	11.70	3.38
SQU-US	2025-05-17 10:30:00	6.79	39.91	0.22	7.15	11.70	3.10
SQU-US	2025-05-17 10:45:00	6.81	39.93	0.22	7.13	11.71	3.44
SQU-US	2025-05-17 11:00:00	6.82	40.32	0.22		11.71	2.65
SQU-US	2025-05-17 11:15:00	6.85	40.30	0.24	7.15	11.70	5.09
SQU-US	2025-05-17 11:30:00	6.86	40.35	0.25	7.14	11.70	3.89
SQU-US	2025-05-17 11:45:00	6.87	40.58	0.26	7.14	11.70	3.32
SQU-US	2025-05-17 12:00:00	6.91	40.21	0.27	7.10	11.70	3.50
SQU-US	2025-05-17 12:15:00	6.94	40.44	0.22	7.18	11.71	3.42
SQU-US	2025-05-17 12:30:00	7.01	40.45	0.22	7.14	11.71	3.10
SQU-US	2025-05-17 12:45:00	7.05	40.25	0.22	7.16	11.71	3.46
SQU-US	2025-05-17 13:00:00	7.07	40.15	0.21	7.17	11.71	5.51
SQU-US	2025-05-17 13:15:00	7.09	40.10	0.24	7.16	11.71	3.30
SQU-US	2025-05-17 13:30:00	7.12	40.28	0.25	7.16	11.70	3.39
SQU-US	2025-05-17 13:45:00	7.17	40.30	0.26	7.16	11.69	3.97
SQU-US	2025-05-17 14:00:00	7.21	40.17	0.27	7.16	11.72	4.62
SQU-US	2025-05-17 14:15:00	7.30	40.36	0.22	7.21	11.69	2.06

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-17 14:30:00	7.37	40.26	0.23	7.21	11.69	4.88
SQU-US	2025-05-17 14:45:00	7.44	39.93	0.23	7.21	11.69	4.44
SQU-US	2025-05-17 15:00:00	7.54	39.90	0.23	7.19	11.68	5.29
SQU-US	2025-05-17 15:15:00	7.59	40.16	0.24	7.18	11.67	3.32
SQU-US	2025-05-17 15:30:00	7.63	40.15	0.25	7.19	11.66	4.35
SQU-US	2025-05-17 15:45:00	7.67	40.07	0.26	7.21	11.66	3.91
SQU-US	2025-05-17 16:00:00	7.68	39.95	0.28	7.16	11.64	3.81
SQU-US	2025-05-17 16:15:00	7.65	39.89	0.22	7.19	11.62	2.97
SQU-US	2025-05-17 16:30:00	7.60	40.06	0.22	7.22	11.62	5.09
SQU-US	2025-05-17 16:45:00	7.58	40.29	0.23	7.22	11.61	4.52
SQU-US	2025-05-17 17:00:00	7.58	39.88	0.23	7.22	11.61	2.29
SQU-US	2025-05-17 17:15:00	7.60	39.77	0.24	7.17	11.61	2.73
SQU-US	2025-05-17 17:30:00	7.61	39.73	0.26	7.18	11.58	3.13
SQU-US	2025-05-17 17:45:00	7.59	39.95	0.27	7.19	11.58	6.37
SQU-US	2025-05-17 18:00:00	7.55	39.63	0.24	7.18	11.57	3.29
SQU-US	2025-05-17 18:15:00	7.51	39.50	0.21	7.20	11.57	3.78
SQU-US	2025-05-17 18:30:00	7.49	39.58	0.22	7.20	11.55	4.42
SQU-US	2025-05-17 18:45:00	7.49	39.54	0.22	7.19	11.53	2.97
SQU-US	2025-05-17 19:00:00	7.45	40.21	0.22	7.18	11.51	4.10
SQU-US	2025-05-17 19:15:00	7.41	40.07	0.23	7.18	11.50	1.99
SQU-US	2025-05-17 19:30:00	7.38	40.23	0.25	7.16	11.51	4.43
SQU-US	2025-05-17 19:45:00	7.34	40.48	0.26	7.16	11.52	5.81
SQU-US	2025-05-17 20:00:00	7.33	39.89	0.27	7.18	11.49	2.29
SQU-US	2025-05-17 20:15:00	7.31	39.71	0.20	7.18	11.51	3.47
SQU-US	2025-05-17 20:30:00	7.29	39.66	0.21	7.21	11.50	4.50
SQU-US	2025-05-17 20:45:00	7.27	39.59	0.21	7.18	11.49	3.89
SQU-US	2025-05-17 21:00:00	7.26	39.27	0.20	7.17	11.46	4.39
SQU-US	2025-05-17 21:15:00	7.23	38.94	0.23	7.17	11.46	5.43
SQU-US	2025-05-17 21:30:00	7.20	38.43	0.24	7.18	11.46	5.44
SQU-US	2025-05-17 21:45:00	7.17	38.10	0.25	7.18	11.48	6.07
SQU-US	2025-05-17 22:00:00	7.14	37.97	0.26	7.16	11.49	5.07
SQU-US	2025-05-17 22:15:00	7.11	37.82	0.18	7.21	11.51	7.26
SQU-US	2025-05-17 22:30:00	7.05	37.73	0.19	7.21	11.52	5.81
SQU-US	2025-05-17 22:45:00	7.03	37.77	0.19	7.22	11.51	7.96
SQU-US	2025-05-17 23:00:00	7.00	38.01	0.20	7.21	11.51	6.54
SQU-US	2025-05-17 23:15:00	6.97	38.42	0.22	7.13	11.51	10.50
SQU-US	2025-05-17 23:30:00	6.92	38.07	0.24	7.13	11.52	8.66
SQU-US	2025-05-17 23:45:00	6.88	37.85	0.25	7.15	11.54	6.74
SQU-US	2025-05-18 00:00:00	6.87	38.23	0.26	7.17	11.53	8.96
SQU-US	2025-05-18 00:15:00	6.85	39.05	0.18	7.18	11.52	8.36
SQU-US	2025-05-18 00:30:00	6.80	38.61	0.18	7.22	11.54	8.29
SQU-US	2025-05-18 00:45:00	6.78	39.19	0.19	7.22	11.53	8.89
SQU-US	2025-05-18 01:00:00	6.75	39.07	0.19	7.18	11.54	9.34
SQU-US	2025-05-18 01:15:00	6.70	38.69	0.21	7.12	11.56	10.52
SQU-US	2025-05-18 01:30:00	6.66	38.87	0.24	7.11	11.56	11.60
SQU-US	2025-05-18 01:45:00	6.68	39.75	0.25	7.07	11.52	12.16
SQU-US	2025-05-18 02:00:00	6.65	39.79	0.26	7.09	11.52	9.64
SQU-US	2025-05-18 02:15:00	6.62	40.04	0.19	7.11	11.52	14.82
SQU-US	2025-05-18 02:30:00	6.57	38.53	0.20	7.08	11.56	16.83
SQU-US	2025-05-18 02:45:00	6.54	38.65	0.20	7.13	11.56	11.50
SQU-US	2025-05-18 03:00:00	6.51	37.93	0.20	7.12	11.60	14.18
SQU-US	2025-05-18 03:15:00	6.48	37.47	0.22	7.08	11.59	13.68
SQU-US	2025-05-18 03:30:00	6.44	36.86	0.24	7.08	11.61	12.17
SQU-US	2025-05-18 03:45:00	6.43	37.12	0.25	7.09	11.61	13.54
SQU-US	2025-05-18 04:00:00	6.38	36.62	0.26	7.10	11.65	15.49

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-18 04:15:00	6.36	36.19	0.17	7.13	11.67	11.01
SQU-US	2025-05-18 04:30:00	6.29	35.71	0.19	7.09	11.70	10.53
SQU-US	2025-05-18 04:45:00	6.28	35.62	0.19	7.10	11.71	9.71
SQU-US	2025-05-18 05:00:00	6.26	35.40	0.19	7.14	11.71	10.63
SQU-US	2025-05-18 05:15:00	6.23	35.24	0.22	7.11	11.71	10.07
SQU-US	2025-05-18 05:30:00	6.19	34.91	0.24	7.06	11.73	11.79
SQU-US	2025-05-18 05:45:00	6.18	34.89	0.25	7.08	11.73	7.98
SQU-US	2025-05-18 06:00:00	6.14	34.82	0.26	7.06	11.75	8.91
SQU-US	2025-05-18 06:15:00	6.10	34.79	0.17	7.12	11.76	12.89
SQU-US	2025-05-18 06:30:00	6.06	34.70	0.18	7.14	11.78	10.67
SQU-US	2025-05-18 06:45:00	6.07	34.45	0.20	7.14	11.79	10.11
SQU-US	2025-05-18 07:00:00	6.05	34.68	0.19	7.14	11.82	10.50
SQU-US	2025-05-18 07:15:00	6.04	34.34	0.22	7.12	11.85	9.24
SQU-US	2025-05-18 07:30:00	6.05	34.53	0.24	7.10	11.84	10.09
SQU-US	2025-05-18 07:45:00	6.06	34.32	0.25	7.10	11.86	8.32
SQU-US	2025-05-18 08:00:00	6.08	34.26	0.26	7.12	11.90	6.13
SQU-US	2025-05-18 08:15:00	6.15	34.06	0.18	7.15	11.91	6.42
SQU-US	2025-05-18 08:30:00	6.20	33.88	0.20	7.16	11.92	9.60
SQU-US	2025-05-18 08:45:00	6.25	33.94	0.20	7.18	11.93	8.33
SQU-US	2025-05-18 09:00:00	6.31	34.19	0.21	7.14	11.93	8.90
SQU-US	2025-05-18 09:15:00	6.38	34.07	0.23	7.14	11.92	6.47
SQU-US	2025-05-18 09:30:00	6.39	34.16	0.25	7.11	11.92	7.01
SQU-US	2025-05-18 09:45:00	6.44	34.00	0.26	7.11	11.93	7.91
SQU-US	2025-05-18 10:00:00	6.54	34.01	0.27	7.12	11.94	6.29
SQU-US	2025-05-18 10:15:00	6.60	33.83	0.20	7.16	11.93	5.96
SQU-US	2025-05-18 10:30:00	6.70	33.91	0.21	7.18	11.91	5.67
SQU-US	2025-05-18 10:45:00	6.77	33.96	0.22	7.16	11.92	4.36
SQU-US	2025-05-18 11:00:00	6.87	34.11	0.22	7.17	11.90	6.30
SQU-US	2025-05-18 11:15:00	6.91	34.32	0.24	7.13	11.90	6.76
SQU-US	2025-05-18 11:30:00	6.95	34.45	0.26	7.12	11.91	6.37
SQU-US	2025-05-18 11:45:00	7.02	34.60	0.28	7.05	11.88	5.76
SQU-US	2025-05-18 12:00:00	7.05	34.71	0.28	7.12	11.88	5.74
SQU-US	2025-05-18 12:15:00	7.17	34.58	0.21	7.19	11.87	12.00
SQU-US	2025-05-18 12:30:00	7.27	34.09	0.23	7.19	11.88	8.44
SQU-US	2025-05-18 12:45:00	7.39	34.21	0.23	7.14	11.87	10.24
SQU-US	2025-05-18 13:00:00	7.49	34.31	0.24	7.15	11.83	4.85
SQU-US	2025-05-18 13:15:00	7.58	34.42	0.25	7.15	11.82	9.37
SQU-US	2025-05-18 13:30:00	7.63	34.54	0.26	7.15	11.79	6.20
SQU-US	2025-05-18 13:45:00	7.68	34.22	0.28	7.13	11.81	11.00
SQU-US	2025-05-18 14:00:00	7.76	34.57	0.28	7.18	11.79	7.39
SQU-US	2025-05-18 14:15:00	7.91	34.94	0.24	7.19	11.78	5.02
SQU-US	2025-05-18 14:30:00	8.03	34.83	0.22	7.18	11.76	4.81
SQU-US	2025-05-18 14:45:00	8.08	34.79	0.22	7.20	11.76	8.61
SQU-US	2025-05-18 15:00:00	8.16	34.88	0.23		11.73	4.66
SQU-US	2025-05-18 15:15:00	8.19	34.88	0.24	7.18	11.72	7.49
SQU-US	2025-05-18 15:30:00	8.20	34.92	0.26	7.16	11.70	5.46
SQU-US	2025-05-18 15:45:00	8.29	35.56	0.27	7.17	11.66	5.79
SQU-US	2025-05-18 16:00:00	8.34	35.18	0.28	7.16	11.65	7.56
SQU-US	2025-05-18 16:15:00	8.37	35.37	0.21	7.17	11.65	8.31
SQU-US	2025-05-18 16:30:00	8.38	35.62	0.22	7.19	11.64	6.86
SQU-US	2025-05-18 16:45:00	8.34	35.27	0.22	7.10	11.65	7.21
SQU-US	2025-05-18 17:00:00	8.19	35.34	0.21	7.20	11.64	7.85
SQU-US	2025-05-18 17:15:00	8.17	35.69	0.24	7.15	11.64	7.70
SQU-US	2025-05-18 17:30:00	8.13	35.58	0.26	7.16	11.65	5.07
SQU-US	2025-05-18 17:45:00	8.14	35.87	0.27	7.16	11.64	6.53

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-18 18:00:00	8.16	35.81	0.27	7.16	11.63	4.91
SQU-US	2025-05-18 18:15:00	8.11	35.70	0.21	7.18	11.64	4.30
SQU-US	2025-05-18 18:30:00	8.00	36.01	0.21	7.19	11.62	6.67
SQU-US	2025-05-18 18:45:00	7.90	35.78	0.21	7.17	11.63	9.58
SQU-US	2025-05-18 19:00:00	7.85	35.80	0.22	7.17	11.62	5.23
SQU-US	2025-05-18 19:15:00	7.80	36.44	0.23	7.15	11.61	4.19
SQU-US	2025-05-18 19:30:00	7.73	36.18	0.25	7.12	11.61	10.83
SQU-US	2025-05-18 19:45:00	7.69	36.07	0.26	7.14	11.61	5.08
SQU-US	2025-05-18 20:00:00	7.64	35.98	0.27		11.60	4.11
SQU-US	2025-05-18 20:15:00	7.62	36.74	0.20	7.16	11.58	4.47
SQU-US	2025-05-18 20:30:00	7.60	36.58	0.20	7.16	11.57	8.17
SQU-US	2025-05-18 20:45:00	7.57	36.59	0.20	7.18	11.55	4.96
SQU-US	2025-05-18 21:00:00	7.56	36.51	0.21	7.18	11.54	4.15
SQU-US	2025-05-18 21:15:00	7.47	36.34	0.23	7.11	11.54	6.26
SQU-US	2025-05-18 21:30:00	7.43	36.46	0.25	7.12	11.54	5.46
SQU-US	2025-05-18 21:45:00	7.38	36.40	0.26	7.09	11.53	4.13
SQU-US	2025-05-18 22:00:00	7.36	36.24	0.27	7.10	11.52	5.40
SQU-US	2025-05-18 22:15:00	7.37	36.24	0.21	7.15	11.51	3.97
SQU-US	2025-05-18 22:30:00	7.32	35.81	0.20	7.15	11.53	4.76
SQU-US	2025-05-18 22:45:00	7.29	35.94	0.21	7.15	11.53	3.89
SQU-US	2025-05-18 23:00:00	7.24	35.78	0.21	7.22	11.53	3.07
SQU-US	2025-05-18 23:15:00	7.24	35.79	0.23	7.15	11.54	4.95
SQU-US	2025-05-18 23:30:00	7.17	35.83	0.25	7.13	11.55	3.51
SQU-US	2025-05-18 23:45:00	7.14	35.71	0.26	7.12	11.56	3.36



Water Quality Field Data Sheet



Hatfield

Project: FORTIS11234

Location Information

Site ID: WLNG (GAS) US Date: May 13, 2025
Site Name: WLNG Time: 9:00 am
Site UTM: Zone: E: Crew: AF
(NAD83) N: Weather: Clear Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH: 6.86 DO: 2.70 ~~2.70~~ (mg/L)
Temp.: 9.8 (°C) Cond: 39.2 (us)/cm (SPC)
Turbidity: 8.03 NTU
Visible Sheen: Y/N
Water Surface Condition: Clear Turbid Foaming Ice

Photo Record

Photo

Photo

Photo



Observations

Normal

Water Quality Field Data Sheet



Hatfield

Project: FORTIS11234

Location Information

Site ID: WLMO (EAS) DS
Site Name: WLMO
Site UTM: Zone: E
(NAD83) N:

Date: May 13, 2025
Time: 8:40 am
Crew: AF
Weather: Clear Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH: 6.94 DO: 2.45 (mg/L)
Temp.: 10.5 (°C) Cond: 231.9 (us/cm @ 25°C)
Turbidity: 0.00 NTU
Visible Sheen: Y/N
Water Surface Condition: Clear Turbid Foaming Ice

Photo Record

Photo

Photo

Photo



Observations

Normal

Water Quality Field Data Sheet



Project: FORTIS11234

Location Information

Site ID: WLNG-60P Date: May 13, 2025
 Site Name: WLNG Time: 8:20 am
 Site UTM: Zone: E: Crew: AF
 (NAD83) N: Weather: ☒ Clear ☐ Foggy ☐ Cloudy ☐ Rain ☐ Snow ☐ Windy

In Situ Parameters

pH: 6.63 DO: 2.12 (mg/L)
 Temp.: 10.90 (°C) Cond: 233.6 (us) SPC
 Turbidity: 0.84 NTU
 Visible Sheen: yes but only around the area
 Water Surface Condition: ☒ Clear ☐ Turbid ☐ Foaming ☐ Ice → NA → 60P (water itself was clean)

Photo Record

Photo



Photo

Photo

Observations

Normal - Discharging continuously

Location Information

Site ID: Date:
 Site Name: Time:
 Site UTM: Zone: E: Crew:
 (NAD83) N: Weather: ☐ Clear ☐ Foggy ☐ Cloudy ☐ Rain ☐ Snow ☐ Windy

In Situ Parameters

pH: DO: (mg/L)
 Temp.: (°C) Cond: (us)
 Turbidity: NTU
 Visible Sheen: Y/N
 Water Surface Condition: ☐ Clear ☐ Turbid ☐ Foaming ☐ Ice

 Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	May 12 th to May 18 th , 2025
	Report #	60
	Appendix E	D-4

Lab Documentation



Your P.O. #: 4800010213
 Your Project #: FORTIS11234/PE-110163
 Site Location: WOODFIBRE PIPELINE PROJECT
 Your C.O.C. #: 104554

Attention: Jennifer Choyce

HATFIELD CONSULTANTS
 N. VANCOUVER
 200-850 Harbourside Dr
 North Vancouver, BC
 Canada V7P 0A3

Report Date: 2025/05/22
 Report #: R3663720
 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C543858

Received: 2025/05/13, 17:10

Sample Matrix: Water
 # Samples Received: 10

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity @25C (pp, total), CO ₃ ,HCO ₃ ,OH	4	N/A	2025/05/15	BBY6SOP-00026	SM 24 2320 B m
Alkalinity @25C (pp, total), CO ₃ ,HCO ₃ ,OH	6	N/A	2025/05/16	BBY6SOP-00026	SM 24 2320 B m
Chloride/Sulphate by Auto Colourimetry	10	N/A	2025/05/15	BBY6SOP-00011 / BBY6SOP-00017	SM24-4500-Cl/SO ₄ -E m
Chromium III (Calc'd)	2	N/A	2025/05/20		
Chromium III (Calc'd)	8	N/A	2025/05/21		
Total Hexavalent Chromium	10	N/A	2025/05/20	BBY6SOP-00054	SM 24 3500-Cr B m
Carbon (DOC) -Lab Filtered (2)	8	N/A	2025/05/16	BBY6SOP-00053	SM 24 5310 B m
Carbon (DOC) -Lab Filtered (2)	1	N/A	2025/05/22	BBY6SOP-00053	SM 24 5310 B m
Carbon (DOC) (2)	1	N/A	2025/05/16	BBY6SOP-00053	SM 24 5310 B m
Fluoride	1	N/A	2025/05/17	BBY6SOP-00037	SM 24 4500-F C m
Fluoride	8	N/A	2025/05/20	BBY6SOP-00037	SM 24 4500-F C m
Fluoride	1	N/A	2025/05/21	BBY6SOP-00037	SM 24 4500-F C m
Glycols in Water by GC/FID (1)	1	N/A	2025/05/20	CAL SOP-00093	BCMOE Glycols 09/17
Sulphide (as H ₂ S) (1)	10	N/A	2025/05/18		Auto Calc
Un-ionized Hydrogen Sulphide as S Calc	8	N/A	2025/05/18	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO ₃) (3)	1	N/A	2025/05/16	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO ₃) (3)	1	N/A	2025/05/20	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO ₃) (3)	8	N/A	2025/05/21	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO ₃)	1	N/A	2025/05/16	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO ₃)	7	N/A	2025/05/20	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO ₃)	2	N/A	2025/05/21	BBY WI-00033	Auto Calc
Mercury (Dissolved) by CV (4)	1	2025/05/16	2025/05/16	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Dissolved) by CV-Lab Filtered	9	2025/05/21	2025/05/22	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Total) by CV	10	2025/05/15	2025/05/15	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Bromide as Bromine (Br) by ICPMS	10	N/A	2025/05/21	BBY7SOP-00002	EPA 6020B R2 m
EPH in Water when PAH required	1	2025/05/21	2025/05/21	BBY8SOP-00029	BCMOE BCLM Sep2017 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	1	N/A	2025/05/16	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	7	N/A	2025/05/20	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	2	N/A	2025/05/21	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (dissolved) (4)	1	N/A	2025/05/16	BBY7SOP-00002	EPA 6020b R2 m



Your P.O. #: 4800010213
 Your Project #: FORTIS11234/PE-110163
 Site Location: WOODFIBRE PIPELINE PROJECT
 Your C.O.C. #: 104554

Attention: Jennifer Choyce

HATFIELD CONSULTANTS
 N. VANCOUVER
 200-850 Harbourside Dr
 North Vancouver, BC
 Canada V7P 0A3

Report Date: 2025/05/22
 Report #: R3663720
 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C543858

Received: 2025/05/13, 17:10

Sample Matrix: Water
 # Samples Received: 10

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Elements by ICPMS Low Level (lab filter) (5)	8	N/A	2025/05/17	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Low Level (lab filter) (5)	1	N/A	2025/05/21	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Digested LL (total)	8	2025/05/16	2025/05/21	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total)	1	N/A	2025/05/16	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (total)	1	N/A	2025/05/20	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (total)	8	N/A	2025/05/21	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total)	2	N/A	2025/05/16	BBY7SOP-00002	EPA 6020b R2 m
Nitrogen (Total)	10	N/A	2025/05/21	BBY6SOP-00016	SM 24 4500-N C m
Ammonia-N (Total)	10	N/A	2025/05/16	AB SOP-00007	SM 24 4500 NH3 A G m
Nitrate + Nitrite (N)	10	N/A	2025/05/15	BBY6SOP-00010	SM 24 4500-NO3- H m
Nitrite (N) Regular Level Water	10	N/A	2025/05/15	BBY6SOP-00010	SM 24 4500-NO2- m
Nitrogen - Nitrate (as N)	10	N/A	2025/05/16	BBY WI-00033	Auto Calc
PAH in Water by GC/MS (SIM)	1	2025/05/21	2025/05/22	BBY8SOP-00021	BCMOE BCLM Jul2017m
Total LMW, HMW, Total PAH Calc (6)	1	N/A	2025/05/22	BBY WI-00033	Auto Calc
pH @25°C (7)	4	N/A	2025/05/15	BBY6SOP-00026	SM 24 4500-H+ B m
pH @25°C (7)	6	N/A	2025/05/16	BBY6SOP-00026	SM 24 4500-H+ B m
Phenols (4-AAP) (1)	1	N/A	2025/05/20	AB SOP-00088	EPA 9066 R0 m
Total Sulphide (1)	10	2025/05/17	2025/05/18	AB SOP-00080	SM 24 4500 S2-A D Fm
Total Dissolved Solids (Filt. Residue)	8	2025/05/15	2025/05/16	BBY6SOP-00033	SM 24 2540 C m
Total Dissolved Solids (Filt. Residue)	2	2025/05/20	2025/05/21	BBY6SOP-00033	SM 24 2540 C m
EPH less PAH in Water by GC/FID (8)	1	N/A	2025/05/22	BBY WI-00033	Auto Calc
Carbon (Total Organic) (9)	10	N/A	2025/05/21	BBY6SOP-00053	SM 24 5310 B m
Total Phosphorus Low Level Total	10	2025/05/15	2025/05/16	BBY6SOP-00013	SM 24 4500-P E m
Total Suspended Solids (NFR)	10	2025/05/20	2025/05/21	BBY6SOP-00034	SM 24 2540 D m
Field pH	8	N/A	2025/05/15	Field Test	Field Test
Field Temperature	8	N/A	2025/05/15	Field Test	Field Test
VOCs, VH, F1, LH in Water by HS GC/MS	1	N/A	2025/05/20	BBY8SOP-00009 / BBY8SOP-00011 / BBY8SOP-00012	BCMOE BCLM Jul2017 m
Volatile HC-BTEX (10)	1	N/A	2025/05/21	BBY WI-00033	Auto Calc



Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 104554

Attention: Jennifer Choyce

HATFIELD CONSULTANTS
N. VANCOUVER
200-850 Harbourside Dr
North Vancouver, BC
Canada V7P 0A3

Report Date: 2025/05/22

Report #: R3663720

Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C543858

Received: 2025/05/13, 17:10

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

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Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) This test was performed by Bureau Veritas Calgary, 4000 - 19 St. , Calgary, AB, T2E 6P8

(2) DOC present in the sample should be considered as non-purgeable DOC. Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.

(3) "Total Hardness" was calculated from Total Ca and Mg concentrations and may be biased high (Hardness, or Dissolved Hardness, calculated from Dissolved Ca and Mg, should be used for compliance if available).

(4) Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.

(5) Samples were filtered and preserved at the lab. Values may not reflect concentrations at the time of sampling.

For Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.

(6) Total PAHs in Water include: Quinoline, Naphthalene, 1-Methylnaphthalene, 2-Methylnaphthalene, Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Acridine, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b&j)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, and Benzo(g,h,i)perylene.

(7) The CCME method requires pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the CCME holding time. Bureau Veritas endeavours to analyze samples as soon as possible after receipt.

(8) LEPH = EPH (C10 to C19) - (Acenaphthene + Acridine + Anthracene + Fluorene + Naphthalene + Phenanthrene)

HEPH = EPH (C19 to C32) - (Benzo(a)anthracene + Benzo(a)pyrene + Fluoranthene + Pyrene)

(9) TOC present in the sample should be considered as non-purgeable TOC.

(10) VPH = VH - (Benzene + Toluene + Ethylbenzene + m & p-Xylene + o-Xylene + Styrene)



Attention: Jennifer Choyce

HATFIELD CONSULTANTS
N. VANCOUVER
200-850 Harbourside Dr
North Vancouver, BC
Canada V7P 0A3

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 104554

Report Date: 2025/05/22
Report #: R3663720
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C543858

Received: 2025/05/13, 17:10

Encryption Key

Please direct all questions regarding this Certificate of Analysis to:

Levi Manchak, Project Manager SR

Email: Levi.MANCHAK@bureauveritas.com

Phone# (780)862-5634

=====

This report has been generated and distributed using a secure automated process.

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports.

For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Raphael Kwan, General Manager, BC and Yukon Regions responsible for British Columbia Environmental laboratory operations.



Bureau Veritas Job #: C543858
Report Date: 2025/05/22

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DKY670			DKY670			DKY671		
Sampling Date		2025/05/13			2025/05/13			2025/05/13		
COC Number		104554			104554			104554		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	ND	0.0050	B949280				ND	0.0050	B949280
Calculated Parameters										
Total Chromium III	mg/L	0.0033	0.00099	B948749				0.0042	0.00099	B948749
Dissolved Hardness (CaCO ₃)	mg/L	88.6	0.50	B945780				191	0.50	B945780
Total Hardness (CaCO ₃)	mg/L	89.2	0.50	B945890				186	0.50	B945890
Nitrate (N)	mg/L	0.022	0.020	B945266				ND	0.020	B945266
Sulphide (as H ₂ S)	mg/L	ND	0.0020	B945833				ND	0.0020	B945833
Field Parameters										
Field pH	pH	6.94	N/A	ONSITE				6.63	N/A	ONSITE
Field Temperature	°C	10.5	N/A	ONSITE				10.9	N/A	ONSITE
Misc. Inorganics										
pH	pH	7.24	N/A	B949323				7.63	N/A	B949323
Total Organic Carbon (C)	mg/L	10	0.50	B954920				38	0.50	B954920
Total Dissolved Solids	mg/L	160	10	B949051				340	10	B949051
Total Suspended Solids	mg/L	2.0	1.0	B953762				2.8	1.0	B953762
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	7.3	0.50	B951264	7.2	0.50	B951264	39	0.50	B957659
Anions										
Alkalinity (PP as CaCO ₃)	mg/L	ND	1.0	B949325				ND	1.0	B949325
Alkalinity (Total as CaCO ₃)	mg/L	47	1.0	B949325				140	1.0	B949325
Bicarbonate (HCO ₃)	mg/L	57	1.0	B949325				170	1.0	B949325
Carbonate (CO ₃)	mg/L	ND	1.0	B949325				ND	1.0	B949325
Dissolved Fluoride (F)	mg/L	0.056	0.050	B954535	0.067	0.050	B954535	0.17	0.050	B954535
Hydroxide (OH)	mg/L	ND	1.0	B949325				ND	1.0	B949325
Total Sulphide	mg/L	ND	0.0018	B952643	ND	0.0018	B952643	ND	0.0018	B952643
Chloride (Cl)	mg/L	6.6	1.0	B949311				16	1.0	B949311
Sulphate (SO ₄)	mg/L	7.7	1.0	B949311				25	1.0	B949311
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. N/A = Not Applicable										



Bureau Veritas Job #: C543858
Report Date: 2025/05/22

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DKY670			DKY670			DKY671		
Sampling Date		2025/05/13			2025/05/13			2025/05/13		
COC Number		104554			104554			104554		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	RDL	QC Batch
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	0.0016 (1)	0.00099	B954172	0.0016	0.00099	B954172	0.0056	0.00099	B954172
Nutrients										
Total Ammonia (N)	mg/L	ND	0.015	B950801	ND	0.015	B950801	ND	0.015	B950801
Total Phosphorus (P)	mg/L	0.013	0.0010	B949328				0.029	0.0010	B949328
Nitrate plus Nitrite (N)	mg/L	0.022	0.020	B949279				ND	0.020	B949279
Total Nitrogen (N)	mg/L	0.211	0.020	B954246				0.341	0.020	B954246
Misc. Organics										
Phenols	mg/L							ND	0.0015	B954516
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. (1) Matrix Spike exceeds acceptance limits due to matrix interference. Reanalysis yields similar results.										



Bureau Veritas Job #: C543858

Report Date: 2025/05/22

HATFIELD CONSULTANTS

Client Project #: FORTIS11234/PE-110163

Site Location: WOODFIBRE PIPELINE PROJECT

Your P.O. #: 4800010213

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DKY672	DKY673		DKY674			DKY675		
Sampling Date		2025/05/13	2025/05/13		2025/05/13			2025/05/13		
COC Number		104554	104554		104554			104554		
	UNITS	WLNG-US	SQU-US	QC Batch	SQU-DS	RDL	QC Batch	Field Blank	RDL	QC Batch

ANIONS

Nitrite (N)	mg/L	ND	ND	B949280	ND	0.0050	B949280	ND	0.0050	B949280
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Calculated Parameters

Total Chromium III	mg/L	ND	ND	B948749	ND	0.00099	B948749	ND	0.00099	B948749
Dissolved Hardness (CaCO ₃)	mg/L	5.80	14.1	B945780	13.5	0.50	B945780	ND	0.50	B945780
Total Hardness (CaCO ₃)	mg/L	4.65	13.3	B945890	13.3	0.50	B945890	ND	0.50	B945890
Nitrate (N)	mg/L	ND	0.027	B945266	0.033	0.020	B945266	ND	0.020	B945266
Sulphide (as H ₂ S)	mg/L	ND	ND	B945833	ND	0.0020	B945833	ND	0.0020	B945833

Field Parameters

Field pH	pH	6.86	9.02	ONSITE	7.93	N/A	ONSITE			
Field Temperature	°C	9.8	10.5	ONSITE	9.9	N/A	ONSITE			

Misc. Inorganics

pH	pH	6.49	6.59	B949323	6.52	N/A	B949315	6.66	N/A	B949315
Total Organic Carbon (C)	mg/L	1.8	1.6	B954920	1.6	0.50	B954920	ND	0.50	B954920
Total Dissolved Solids	mg/L	18	30	B949051	30	10	B949051	ND	10	B949051
Total Suspended Solids	mg/L	2.8	6.8	B953762	6.4	1.0	B953762	ND	1.0	B953762

Lab Filtered Inorganics

Dissolved Organic Carbon (C)	mg/L	1.7	1.4	B951264	1.4	0.50	B951264	ND	0.50	B951264
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Anions

Alkalinity (PP as CaCO ₃)	mg/L	ND	ND	B949325	ND	1.0	B949320	ND	1.0	B949320
Alkalinity (Total as CaCO ₃)	mg/L	5.4	12	B949325	12	1.0	B949320	ND	1.0	B949320
Bicarbonate (HCO ₃)	mg/L	6.6	14	B949325	14	1.0	B949320	ND	1.0	B949320
Carbonate (CO ₃)	mg/L	ND	ND	B949325	ND	1.0	B949320	ND	1.0	B949320
Dissolved Fluoride (F)	mg/L	ND	ND	B954535	ND	0.050	B954341	ND	0.050	B954341
Hydroxide (OH)	mg/L	ND	ND	B949325	ND	1.0	B949320	ND	1.0	B949320
Total Sulphide	mg/L	ND	ND	B952643	ND	0.0018	B952643	ND	0.0018	B952643
Chloride (Cl)	mg/L	ND	ND	B949311	ND	1.0	B949311	ND	1.0	B949311
Sulphate (SO ₄)	mg/L	1.4	3.3	B949311	3.1	1.0	B949311	ND	1.0	B949311

Metals

Total Hex. Chromium (Cr 6+)	mg/L	ND	ND	B954172	ND	0.00099	B954172	ND	0.00099	B954172
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RDL = Reportable Detection Limit

ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

N/A = Not Applicable



Bureau Veritas Job #: C543858
Report Date: 2025/05/22

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DKY672	DKY673		DKY674			DKY675		
Sampling Date		2025/05/13	2025/05/13		2025/05/13			2025/05/13		
COC Number		104554	104554		104554			104554		
	UNITS	WLNG-US	SQU-US	QC Batch	SQU-DS	RDL	QC Batch	Field Blank	RDL	QC Batch

Nutrients										
Total Ammonia (N)	mg/L	ND	0.078	B950801	0.042	0.015	B950801	ND	0.015	B950801
Total Phosphorus (P)	mg/L	0.015	0.063	B949328	0.034	0.0010	B949328	0.0011	0.0010	B949328
Nitrate plus Nitrite (N)	mg/L	ND	0.027	B949279	0.033	0.020	B949279	ND	0.020	B949279
Total Nitrogen (N)	mg/L	0.153	0.181	B954246	0.147	0.020	B954246	ND	0.020	B954246

RDL = Reportable Detection Limit

ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.



Bureau Veritas Job #: C543858
Report Date: 2025/05/22

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DKY675			DKY676			DKY676		
Sampling Date		2025/05/13			2025/05/13			2025/05/13		
COC Number		104554			104554			104554		
	UNITS	Field Blank Lab-Dup	RDL	QC Batch	Trip Blank	RDL	QC Batch	Trip Blank Lab-Dup	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L				ND	0.0050	B949277			
Calculated Parameters										
Total Chromium III	mg/L				ND	0.00099	B948749			
Dissolved Hardness (CaCO ₃)	mg/L				ND	0.50	B945780			
Total Hardness (CaCO ₃)	mg/L				ND	0.50	B945890			
Nitrate (N)	mg/L				ND	0.020	B945266			
Sulphide (as H ₂ S)	mg/L				ND	0.0020	B945833			
Misc. Inorganics										
Dissolved Organic Carbon (C)	mg/L				0.57	0.50	B952041			
pH	pH				6.59	N/A	B949323			
Total Organic Carbon (C)	mg/L				ND	0.50	B954920	ND	0.50	B954920
Total Dissolved Solids	mg/L				ND	10	B954199			
Total Suspended Solids	mg/L				ND	1.0	B953767			
Anions										
Alkalinity (PP as CaCO ₃)	mg/L				ND	1.0	B949325			
Alkalinity (Total as CaCO ₃)	mg/L				ND	1.0	B949325			
Bicarbonate (HCO ₃)	mg/L				ND	1.0	B949325			
Carbonate (CO ₃)	mg/L				ND	1.0	B949325			
Dissolved Fluoride (F)	mg/L				ND	0.050	B951596			
Hydroxide (OH)	mg/L				ND	1.0	B949325			
Total Sulphide	mg/L				ND	0.0018	B952643			
Chloride (Cl)	mg/L				ND	1.0	B949311			
Sulphate (SO ₄)	mg/L				ND	1.0	B949311			
Metals										
Total Hex. Chromium (Cr 6+)	mg/L				ND	0.00099	B954172			
Nutrients										
Total Ammonia (N)	mg/L				ND	0.015	B950801			
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. N/A = Not Applicable										



Bureau Veritas Job #: C543858
Report Date: 2025/05/22

HATFIELD CONSULTANTS
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Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DKY675			DKY676			DKY676		
Sampling Date		2025/05/13			2025/05/13			2025/05/13		
COC Number		104554			104554			104554		
	UNITS	Field Blank Lab-Dup	RDL	QC Batch	Trip Blank	RDL	QC Batch	Trip Blank Lab-Dup	RDL	QC Batch
Total Phosphorus (P)	mg/L				0.0011	0.0010	B949328			
Nitrate plus Nitrite (N)	mg/L				ND	0.020	B949272			
Total Nitrogen (N)	mg/L	0.027	0.020	B954246	ND	0.020	B954246			
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.										

**RESULTS OF CHEMICAL ANALYSES OF WATER**

Bureau Veritas ID		DKY677		DKY678		DKY679		
Sampling Date		2025/05/13		2025/05/13		2025/05/13		
COC Number		104554		104554		104554		
	UNITS	Q 01	QC Batch	Q 02	QC Batch	Q 03	RDL	QC Batch
ANIONS								
Nitrite (N)	mg/L	ND	B949280	ND	B949277	ND	0.0050	B949277
Calculated Parameters								
Total Chromium III	mg/L	ND	B948749	ND	B948749	ND	0.00099	B948749
Dissolved Hardness (CaCO ₃)	mg/L	18.7	B945780	71.2	B945780	37.1	0.50	B945780
Total Hardness (CaCO ₃)	mg/L	18.9	B945890	73.2	B945890	40.4	0.50	B945890
Nitrate (N)	mg/L	0.043	B945266	0.175	B945266	0.098	0.020	B945266
Sulphide (as H ₂ S)	mg/L	ND	B945833	ND	B945833	ND	0.0020	B945833
Field Parameters								
Field pH	pH	6.81	ONSITE	6.38	ONSITE	7.93	N/A	ONSITE
Field Temperature	°C	12	ONSITE	9.9	ONSITE	9.9	N/A	ONSITE
Misc. Inorganics								
pH	pH	6.58	B949315	7.15	B949323	7.21	N/A	B949323
Total Organic Carbon (C)	mg/L	2.4	B954920	3.4	B954920	4.4	0.50	B954920
Total Dissolved Solids	mg/L	28	B949051	110	B949051	66	10	B954199
Total Suspended Solids	mg/L	3.2	B953767	64	B953767	58	1.0	B953767
Lab Filtered Inorganics								
Dissolved Organic Carbon (C)	mg/L	1.9	B951264	2.1	B951264	2.9	0.50	B951264
Anions								
Alkalinity (PP as CaCO ₃)	mg/L	ND	B949320	ND	B949325	ND	1.0	B949325
Alkalinity (Total as CaCO ₃)	mg/L	22	B949320	74	B949325	43	1.0	B949325
Bicarbonate (HCO ₃)	mg/L	27	B949320	91	B949325	53	1.0	B949325
Carbonate (CO ₃)	mg/L	ND	B949320	ND	B949325	ND	1.0	B949325
Dissolved Fluoride (F)	mg/L	ND	B954853	ND	B954535	ND	0.050	B954535
Hydroxide (OH)	mg/L	ND	B949320	ND	B949325	ND	1.0	B949325
Total Sulphide	mg/L	ND	B952643	ND	B952643	ND	0.0018	B952643
Chloride (Cl)	mg/L	ND	B949311	5.6	B949311	3.8	1.0	B949311
Sulphate (SO ₄)	mg/L	ND	B949311	14	B949311	3.2	1.0	B949311
Metals								
Total Hex. Chromium (Cr 6+)	mg/L	ND	B954172	ND	B954172	0.0063	0.00099	B954172
RDL = Reportable Detection Limit								
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.								
N/A = Not Applicable								



Bureau Veritas Job #: C543858
Report Date: 2025/05/22

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DKY677		DKY678		DKY679		
Sampling Date		2025/05/13		2025/05/13		2025/05/13		
COC Number		104554		104554		104554		
	UNITS	Q 01	QC Batch	Q 02	QC Batch	Q 03	RDL	QC Batch
Nutrients								
Total Ammonia (N)	mg/L	ND	B950801	0.030	B950801	0.16	0.015	B950801
Total Phosphorus (P)	mg/L	0.0049	B949328	0.048	B949328	0.020	0.0010	B949328
Nitrate plus Nitrite (N)	mg/L	0.043	B949279	0.175	B949272	0.098	0.020	B949272
Total Nitrogen (N)	mg/L	0.174	B954246	0.351	B954246	0.455	0.020	B954246
RDL = Reportable Detection Limit								
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.								



Bureau Veritas Job #: C543858
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Your P.O. #: 4800010213

GLYCOLS BY GC-FID (WATER)

Bureau Veritas ID		DKY671		
Sampling Date		2025/05/13		
COC Number		104554		
	UNITS	WLNG -EOP	RDL	QC Batch
Glycols				
Ethylene Glycol	mg/L	ND	3.0	B954380
Diethylene Glycol	mg/L	ND	5.0	B954380
Triethylene Glycol	mg/L	ND	5.0	B954380
Propylene Glycol	mg/L	ND	5.0	B954380
Surrogate Recovery (%)				
Methyl Sulfone (sur.)	%	106		B954380
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.				



MERCURY BY COLD VAPOR (WATER)

Bureau Veritas ID		DKY670	DKY671	DKY672	DKY673	DKY674	DKY675		
Sampling Date		2025/05/13	2025/05/13	2025/05/13	2025/05/13	2025/05/13	2025/05/13		
COC Number		104554	104554	104554	104554	104554	104554		
	UNITS	WLNG-DS	WLNG -EOP	WLNG-US	SQU-US	SQU-DS	Field Blank	RDL	QC Batch
Elements									
Total Mercury (Hg)	ug/L	ND	ND	ND	ND	ND	ND	0.0019	B949740
Lab Filtered Elements									
Dissolved Mercury (Hg)	ug/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.0019	B956131
RDL = Reportable Detection Limit									
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.									
(1) Sample received was not in compliance with BC CSR sampling requirements for Mercury in water.									

Bureau Veritas ID		DKY676			DKY677	DKY678	DKY679		
Sampling Date		2025/05/13			2025/05/13	2025/05/13	2025/05/13		
COC Number		104554			104554	104554	104554		
	UNITS	Trip Blank	RDL	QC Batch	Q 01	Q 02	Q 03	RDL	QC Batch
Elements									
Dissolved Mercury (Hg)	ug/L	ND	0.0019	B951911					
Total Mercury (Hg)	ug/L	ND	0.0019	B949740	ND	0.0023	0.0044	0.0019	B949740
Lab Filtered Elements									
Dissolved Mercury (Hg)	ug/L				ND (1)	ND (1)	ND (1)	0.0019	B956131
RDL = Reportable Detection Limit									
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.									
(1) Sample received was not in compliance with BC CSR sampling requirements for Mercury in water.									



Bureau Veritas Job #: C543858
Report Date: 2025/05/22

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DKY670	DKY671			DKY671			DKY672		
Sampling Date		2025/05/13	2025/05/13			2025/05/13			2025/05/13		
COC Number		104554	104554			104554			104554		
	UNITS	WLNG-DS	WLNG -EOP	RDL	QC Batch	WLNG -EOP Lab-Dup	RDL	QC Batch	WLNG-US	RDL	QC Batch

ANIONS											
Bromide (Br)	mg/L	ND	ND	0.010	B955062				ND	0.010	B955062
Dissolved Metals by ICPMS											
Dissolved Calcium (Ca)	mg/L	33.7	72.9	0.050	B944645				1.96	0.050	B944645
Dissolved Magnesium (Mg)	mg/L	1.10	2.12	0.050	B944645				0.219	0.050	B944645
Dissolved Potassium (K)	mg/L	1.44	2.40	0.050	B944645				0.158	0.050	B944645
Dissolved Sodium (Na)	mg/L	4.52	6.44	0.050	B944645				1.40	0.050	B944645
Dissolved Sulphur (S)	mg/L	3.0	7.5	3.0	B944645				ND	3.0	B944645
Lab Filtered Metals											
Dissolved Aluminum (Al)	ug/L	995	1490	0.50	B951038				43.4	0.50	B951038
Dissolved Antimony (Sb)	ug/L	0.100	0.129	0.020	B951038				0.028	0.020	B951038
Dissolved Arsenic (As)	ug/L	3.09	5.56	0.020	B951038				0.065	0.020	B951038
Dissolved Barium (Ba)	ug/L	9.55	13.8	0.020	B951038				3.40	0.020	B951038
Dissolved Beryllium (Be)	ug/L	0.013	0.020	0.010	B951038				ND	0.010	B951038
Dissolved Bismuth (Bi)	ug/L	ND	ND	0.0050	B951038				ND	0.0050	B951038
Dissolved Boron (B)	ug/L	11	16	10	B951038				ND	10	B951038
Dissolved Cadmium (Cd)	ug/L	0.0158	0.0470	0.0050	B951038				0.0070	0.0050	B951038
Dissolved Cesium (Cs)	ug/L	0.056	0.074	0.050	B951038				ND	0.050	B951038
Dissolved Chromium (Cr)	ug/L	4.87	10.2	0.10	B951038				ND	0.10	B951038
Dissolved Cobalt (Co)	ug/L	0.0370	0.359	0.0050	B951038				0.0220	0.0050	B951038
Dissolved Copper (Cu)	ug/L	1.02	3.92	0.050	B951038				0.432	0.050	B951038
Dissolved Iron (Fe)	ug/L	69.2	203	1.0	B951038				19.8	1.0	B951038
Dissolved Lead (Pb)	ug/L	0.0211	0.341	0.0050	B951038				0.0090	0.0050	B951038
Dissolved Lithium (Li)	ug/L	1.40	2.40	0.50	B951038				ND	0.50	B951038
Dissolved Manganese (Mn)	ug/L	17.3	62.5	0.050	B951038				1.31	0.050	B951038
Dissolved Molybdenum (Mo)	ug/L	16.1	25.7	0.050	B951038				0.383	0.050	B951038
Dissolved Nickel (Ni)	ug/L	0.335	0.707	0.020	B951038				0.215	0.020	B951038
Dissolved Phosphorus (P)	ug/L	7.4	10.5	2.0	B951038				ND	2.0	B951038
Dissolved Rubidium (Rb)	ug/L	3.08	5.27	0.050	B951038				0.326	0.050	B951038
Dissolved Selenium (Se)	ug/L	0.065	0.070	0.040	B951038				ND	0.040	B951038

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate

ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.



Bureau Veritas Job #: C543858
Report Date: 2025/05/22

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DKY670	DKY671			DKY671			DKY672		
Sampling Date		2025/05/13	2025/05/13			2025/05/13			2025/05/13		
COC Number		104554	104554			104554			104554		
	UNITS	WLNG-DS	WLNG -EOP	RDL	QC Batch	WLNG -EOP Lab-Dup	RDL	QC Batch	WLNG-US	RDL	QC Batch
Dissolved Silicon (Si)	ug/L	9370	15800	50	B951038				4250	50	B951038
Dissolved Silver (Ag)	ug/L	ND	ND	0.0050	B951038				ND	0.0050	B951038
Dissolved Strontium (Sr)	ug/L	60.2	109	0.050	B951038				10.3	0.050	B951038
Dissolved Tellurium (Te)	ug/L	ND	ND	0.020	B951038				ND	0.020	B951038
Dissolved Thallium (Tl)	ug/L	0.0124	0.0200	0.0020	B951038				0.0020	0.0020	B951038
Dissolved Thorium (Th)	ug/L	0.0263	0.0350	0.0050	B951038				0.0160	0.0050	B951038
Dissolved Tin (Sn)	ug/L	ND	ND	0.20	B951038				ND	0.20	B951038
Dissolved Titanium (Ti)	ug/L	ND	1.51	0.50	B951038				ND	0.50	B951038
Dissolved Uranium (U)	ug/L	3.53	8.65	0.0020	B951038				0.0700	0.0020	B951038
Dissolved Vanadium (V)	ug/L	1.96	4.18	0.20	B951038				ND	0.20	B951038
Dissolved Zinc (Zn)	ug/L	4.85	4.78	0.10	B951038				2.66	0.10	B951038
Dissolved Zirconium (Zr)	ug/L	0.25	0.50	0.10	B951038				ND	0.10	B951038
Total Metals by ICPMS											
Total Aluminum (Al)	ug/L	1120	1530	3.0	B950419	1510	3.0	B950419	64.9	3.0	B950419
Total Antimony (Sb)	ug/L	0.379	0.134	0.020	B950419	0.147	0.020	B950419	0.027	0.020	B950419
Total Arsenic (As)	ug/L	2.93	5.62	0.020	B950419	5.61	0.020	B950419	0.076	0.020	B950419
Total Barium (Ba)	ug/L	11.3	13.9	0.050	B950419	13.8	0.050	B950419	3.60	0.050	B950419
Total Beryllium (Be)	ug/L	0.012	0.018	0.010	B950419	0.020	0.010	B950419	ND	0.010	B950419
Total Bismuth (Bi)	ug/L	0.025	ND	0.010	B950419	ND	0.010	B950419	ND	0.010	B950419
Total Boron (B)	ug/L	19	21	10	B950419	21	10	B950419	ND	10	B950419
Total Cadmium (Cd)	ug/L	0.0408	0.0493	0.0050	B950419	0.0497	0.0050	B950419	0.0058	0.0050	B950419
Total Cesium (Cs)	ug/L	0.057	0.080	0.050	B950419	0.080	0.050	B950419	ND	0.050	B950419
Total Chromium (Cr)	ug/L	4.89	9.84	0.10	B950419	9.59	0.10	B950419	ND	0.10	B950419
Total Cobalt (Co)	ug/L	0.125	0.323	0.010	B950419	0.330	0.010	B950419	0.023	0.010	B950419
Total Copper (Cu)	ug/L	1.98	3.74	0.10	B950419	3.70	0.10	B950419	0.48	0.10	B950419
Total Iron (Fe)	ug/L	179	223	5.0	B950419	223	5.0	B950419	43.4	5.0	B950419
Total Lead (Pb)	ug/L	0.318	0.381	0.020	B950419	0.377	0.020	B950419	0.038	0.020	B950419
Total Lithium (Li)	ug/L	1.43	2.26	0.50	B950419	2.18	0.50	B950419	ND	0.50	B950419
Total Manganese (Mn)	ug/L	32.9	61.5	0.10	B950419	60.2	0.10	B950419	2.05	0.10	B950419
Total Molybdenum (Mo)	ug/L	15.3	25.3	0.050	B950419	25.0	0.050	B950419	0.307	0.050	B950419
RDL = Reportable Detection Limit											
Lab-Dup = Laboratory Initiated Duplicate											
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.											



Bureau Veritas Job #: C543858
Report Date: 2025/05/22

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DKY670	DKY671			DKY671			DKY672		
Sampling Date		2025/05/13	2025/05/13			2025/05/13			2025/05/13		
COC Number		104554	104554			104554			104554		
	UNITS	WLNG-DS	WLNG -EOP	RDL	QC Batch	WLNG -EOP Lab-Dup	RDL	QC Batch	WLNG-US	RDL	QC Batch
Total Nickel (Ni)	ug/L	0.79	0.64	0.10	B950419	0.64	0.10	B950419	0.24	0.10	B950419
Total Phosphorus (P)	ug/L	17.2	20.4	5.0	B950419	20.8	5.0	B950419	7.0	5.0	B950419
Total Rubidium (Rb)	ug/L	3.11	5.15	0.050	B950419	4.93	0.050	B950419	0.343	0.050	B950419
Total Selenium (Se)	ug/L	0.052	0.115	0.040	B950419	0.110	0.040	B950419	ND	0.040	B950419
Total Silicon (Si)	ug/L	9170	14800	50	B950419	14500	50	B950419	3770	50	B950419
Total Silver (Ag)	ug/L	0.011	ND	0.010	B950419	ND	0.010	B950419	ND	0.010	B950419
Total Strontium (Sr)	ug/L	59.5	113	0.050	B950419	111	0.050	B950419	10.4	0.050	B950419
Total Tellurium (Te)	ug/L	ND	ND	0.020	B950419	ND	0.020	B950419	ND	0.020	B950419
Total Thallium (Tl)	ug/L	0.0107	0.0191	0.0020	B950419	0.0189	0.0020	B950419	0.0021	0.0020	B950419
Total Thorium (Th)	ug/L	ND	ND	0.050	B950419	ND	0.050	B950419	ND	0.050	B950419
Total Tin (Sn)	ug/L	ND	ND	0.20	B950419	ND	0.20	B950419	ND	0.20	B950419
Total Titanium (Ti)	ug/L	4.1	2.7	2.0	B950419	2.6	2.0	B950419	ND	2.0	B950419
Total Uranium (U)	ug/L	3.31	7.12	0.0050	B950419	7.04	0.0050	B950419	0.0635	0.0050	B950419
Total Vanadium (V)	ug/L	2.29	4.01	0.20	B950419	3.95	0.20	B950419	ND	0.20	B950419
Total Zinc (Zn)	ug/L	16.4	4.9	1.0	B950419	4.9	1.0	B950419	3.2	1.0	B950419
Total Zirconium (Zr)	ug/L	0.21	0.60	0.10	B950419	0.60	0.10	B950419	ND	0.10	B950419
Total Calcium (Ca)	mg/L	33.9	71.0	0.25	B944646				1.86	0.25	B944646
Total Magnesium (Mg)	mg/L	1.13	2.03	0.25	B944646				ND	0.25	B944646
Total Potassium (K)	mg/L	1.43	2.54	0.25	B944646				ND	0.25	B944646
Total Sodium (Na)	mg/L	4.56	6.10	0.25	B944646				1.41	0.25	B944646
Total Sulphur (S)	mg/L	3.8	7.2	3.0	B944646				ND	3.0	B944646

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate

ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.



Bureau Veritas Job #: C543858
Report Date: 2025/05/22

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DKY673	DKY674			DKY675			DKY676		
Sampling Date		2025/05/13	2025/05/13			2025/05/13			2025/05/13		
COC Number		104554	104554			104554			104554		
	UNITS	SQU-US	SQU-DS	RDL	QC Batch	Field Blank	RDL	QC Batch	Trip Blank	RDL	QC Batch

ANIONS

Bromide (Br)	mg/L	ND	ND	0.010	B955062	ND	0.010	B955062	ND	0.010	B955062
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Dissolved Metals by ICPMS

Dissolved Aluminum (Al)	ug/L								ND	0.50	B951001
Dissolved Antimony (Sb)	ug/L								ND	0.020	B951001
Dissolved Arsenic (As)	ug/L								ND	0.020	B951001
Dissolved Barium (Ba)	ug/L								ND	0.020	B951001
Dissolved Beryllium (Be)	ug/L								ND	0.010	B951001
Dissolved Bismuth (Bi)	ug/L								ND (1)	0.0050	B951001
Dissolved Boron (B)	ug/L								ND	10	B951001
Dissolved Cadmium (Cd)	ug/L								ND	0.0050	B951001
Dissolved Cesium (Cs)	ug/L								ND	0.050	B951001
Dissolved Chromium (Cr)	ug/L								ND	0.10	B951001
Dissolved Cobalt (Co)	ug/L								ND	0.0050	B951001
Dissolved Copper (Cu)	ug/L								ND	0.050	B951001
Dissolved Iron (Fe)	ug/L								ND	1.0	B951001
Dissolved Lead (Pb)	ug/L								ND	0.0050	B951001
Dissolved Lithium (Li)	ug/L								ND	0.50	B951001
Dissolved Manganese (Mn)	ug/L								ND	0.050	B951001
Dissolved Molybdenum (Mo)	ug/L								ND	0.050	B951001
Dissolved Nickel (Ni)	ug/L								ND	0.020	B951001
Dissolved Phosphorus (P)	ug/L								ND	2.0	B951001
Dissolved Rubidium (Rb)	ug/L								ND	0.050	B951001
Dissolved Selenium (Se)	ug/L								ND	0.040	B951001
Dissolved Silicon (Si)	ug/L								ND	50	B951001
Dissolved Silver (Ag)	ug/L								ND	0.0050	B951001
Dissolved Strontium (Sr)	ug/L								ND	0.050	B951001
Dissolved Tellurium (Te)	ug/L								ND	0.020	B951001
Dissolved Thallium (Tl)	ug/L								ND	0.0020	B951001
Dissolved Thorium (Th)	ug/L								ND	0.050	B951001

RDL = Reportable Detection Limit

ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

(1) Matrix Spike outside acceptance criteria due to sample matrix interference.



Bureau Veritas Job #: C543858
Report Date: 2025/05/22

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DKY673	DKY674			DKY675			DKY676		
Sampling Date		2025/05/13	2025/05/13			2025/05/13			2025/05/13		
COC Number		104554	104554			104554			104554		
	UNITS	SQU-US	SQU-DS	RDL	QC Batch	Field Blank	RDL	QC Batch	Trip Blank	RDL	QC Batch
Dissolved Tin (Sn)	ug/L								ND	0.20	B951001
Dissolved Titanium (Ti)	ug/L								ND	0.50	B951001
Dissolved Uranium (U)	ug/L								ND	0.0020	B951001
Dissolved Vanadium (V)	ug/L								ND	0.20	B951001
Dissolved Zinc (Zn)	ug/L								ND	0.10	B951001
Dissolved Zirconium (Zr)	ug/L								ND	0.10	B951001
Dissolved Calcium (Ca)	mg/L	4.80	4.60	0.050	B944645	ND	0.050	B944645	ND	0.050	B944645
Dissolved Magnesium (Mg)	mg/L	0.514	0.481	0.050	B944645	ND	0.050	B944645	ND	0.050	B944645
Dissolved Potassium (K)	mg/L	0.471	0.470	0.050	B944645	ND	0.050	B944645	ND	0.050	B944645
Dissolved Sodium (Na)	mg/L	1.59	1.49	0.050	B944645	ND	0.050	B944645	ND	0.050	B944645
Dissolved Sulphur (S)	mg/L	ND	ND	3.0	B944645	ND	3.0	B944645	ND	3.0	B944645
Lab Filtered Metals											
Dissolved Aluminum (Al)	ug/L	32.8	31.1	0.50	B951038	ND	0.50	B951038			
Dissolved Antimony (Sb)	ug/L	ND	ND	0.020	B951038	ND	0.020	B951038			
Dissolved Arsenic (As)	ug/L	0.088	0.095	0.020	B951038	ND	0.020	B951038			
Dissolved Barium (Ba)	ug/L	6.03	6.10	0.020	B951038	ND	0.020	B951038			
Dissolved Beryllium (Be)	ug/L	ND	ND	0.010	B951038	ND	0.010	B951038			
Dissolved Bismuth (Bi)	ug/L	ND	ND	0.0050	B951038	ND	0.0050	B951038			
Dissolved Boron (B)	ug/L	ND	ND	10	B951038	ND	10	B951038			
Dissolved Cadmium (Cd)	ug/L	0.0050	0.0080	0.0050	B951038	ND	0.0050	B951038			
Dissolved Cesium (Cs)	ug/L	ND	ND	0.050	B951038	ND	0.050	B951038			
Dissolved Chromium (Cr)	ug/L	0.11	ND	0.10	B951038	ND	0.10	B951038			
Dissolved Cobalt (Co)	ug/L	0.0390	0.0410	0.0050	B951038	ND	0.0050	B951038			
Dissolved Copper (Cu)	ug/L	0.554	0.545	0.050	B951038	ND	0.050	B951038			
Dissolved Iron (Fe)	ug/L	48.5	42.2	1.0	B951038	ND	1.0	B951038			
Dissolved Lead (Pb)	ug/L	ND	ND	0.0050	B951038	ND	0.0050	B951038			
Dissolved Lithium (Li)	ug/L	0.73	0.74	0.50	B951038	ND	0.50	B951038			
Dissolved Manganese (Mn)	ug/L	3.96	3.34	0.050	B951038	ND	0.050	B951038			
Dissolved Molybdenum (Mo)	ug/L	0.526	0.510	0.050	B951038	ND	0.050	B951038			
Dissolved Nickel (Ni)	ug/L	0.073	0.076	0.020	B951038	0.029	0.020	B951038			
Dissolved Phosphorus (P)	ug/L	39.9	18.8	2.0	B951038	ND	2.0	B951038			
RDL = Reportable Detection Limit											
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.											



ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DKY673	DKY674			DKY675			DKY676		
Sampling Date		2025/05/13	2025/05/13			2025/05/13			2025/05/13		
COC Number		104554	104554			104554			104554		
	UNITS	SQU-US	SQU-DS	RDL	QC Batch	Field Blank	RDL	QC Batch	Trip Blank	RDL	QC Batch
Dissolved Rubidium (Rb)	ug/L	0.747	0.681	0.050	B951038	ND	0.050	B951038			
Dissolved Selenium (Se)	ug/L	ND	ND	0.040	B951038	ND	0.040	B951038			
Dissolved Silicon (Si)	ug/L	3720	3440	50	B951038	ND	50	B951038			
Dissolved Silver (Ag)	ug/L	ND	ND	0.0050	B951038	ND	0.0050	B951038			
Dissolved Strontium (Sr)	ug/L	28.3	27.9	0.050	B951038	ND	0.050	B951038			
Dissolved Tellurium (Te)	ug/L	ND	ND	0.020	B951038	ND	0.020	B951038			
Dissolved Thallium (Tl)	ug/L	0.0020	0.0020	0.0020	B951038	ND	0.0020	B951038			
Dissolved Thorium (Th)	ug/L	0.0070	0.0080	0.0050	B951038	ND	0.0050	B951038			
Dissolved Tin (Sn)	ug/L	ND	ND	0.20	B951038	ND	0.20	B951038			
Dissolved Titanium (Ti)	ug/L	ND	ND	0.50	B951038	ND	0.50	B951038			
Dissolved Uranium (U)	ug/L	0.0310	0.0340	0.0020	B951038	ND	0.0020	B951038			
Dissolved Vanadium (V)	ug/L	0.86	0.75	0.20	B951038	ND	0.20	B951038			
Dissolved Zinc (Zn)	ug/L	1.24	0.66	0.10	B951038	ND	0.10	B951038			
Dissolved Zirconium (Zr)	ug/L	ND	ND	0.10	B951038	ND	0.10	B951038			
Total Metals by ICPMS											
Total Aluminum (Al)	ug/L	130	137	3.0	B950419	1.72	0.50	B949391	ND	0.50	B949391
Total Antimony (Sb)	ug/L	ND	ND	0.020	B950419	ND	0.020	B949391	ND	0.020	B949391
Total Arsenic (As)	ug/L	0.107	0.119	0.020	B950419	ND	0.020	B949391	ND	0.020	B949391
Total Barium (Ba)	ug/L	7.70	7.46	0.050	B950419	ND	0.020	B949391	ND	0.020	B949391
Total Beryllium (Be)	ug/L	ND	ND	0.010	B950419	ND	0.010	B949391	0.015 (1)	0.010	B949391
Total Bismuth (Bi)	ug/L	ND	ND	0.010	B950419	ND	0.0050	B949391	ND	0.0050	B949391
Total Boron (B)	ug/L	ND	ND	10	B950419	ND	10	B949391	ND	10	B949391
Total Cadmium (Cd)	ug/L	0.0081	0.0069	0.0050	B950419	ND	0.0050	B949391	ND	0.0050	B949391
Total Cesium (Cs)	ug/L	ND	ND	0.050	B950419	ND	0.050	B949391	ND	0.050	B949391
Total Chromium (Cr)	ug/L	ND	ND	0.10	B950419	ND	0.10	B949391	ND	0.10	B949391
Total Cobalt (Co)	ug/L	0.073	0.075	0.010	B950419	ND	0.0050	B949391	ND	0.0050	B949391
Total Copper (Cu)	ug/L	0.80	0.77	0.10	B950419	ND	0.050	B949391	ND	0.050	B949391
Total Iron (Fe)	ug/L	158	164	5.0	B950419	ND	1.0	B958085	ND	1.0	B949391
Total Lead (Pb)	ug/L	0.046	0.032	0.020	B950419	ND	0.0050	B958085	ND	0.0050	B949391
Total Lithium (Li)	ug/L	0.63	0.65	0.50	B950419	ND	0.50	B949391	ND	0.50	B949391

RDL = Reportable Detection Limit

ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

(1) < 2xRDL - Re-analysis yields similar results.



Bureau Veritas Job #: C543858
Report Date: 2025/05/22

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DKY673	DKY674			DKY675			DKY676		
Sampling Date		2025/05/13	2025/05/13			2025/05/13			2025/05/13		
COC Number		104554	104554			104554			104554		
	UNITS	SQU-US	SQU-DS	RDL	QC Batch	Field Blank	RDL	QC Batch	Trip Blank	RDL	QC Batch
Total Manganese (Mn)	ug/L	6.90	6.24	0.10	B950419	0.064	0.050	B949391	ND	0.050	B949391
Total Molybdenum (Mo)	ug/L	0.435	0.437	0.050	B950419	ND	0.050	B949391	ND	0.050	B949391
Total Nickel (Ni)	ug/L	0.13	0.16	0.10	B950419	ND	0.020	B949391	ND	0.020	B949391
Total Phosphorus (P)	ug/L	47.4	30.3	5.0	B950419	ND	2.0	B958085	ND	2.0	B949391
Total Rubidium (Rb)	ug/L	0.787	0.799	0.050	B950419	ND	0.050	B949391	ND	0.050	B949391
Total Selenium (Se)	ug/L	ND	ND	0.040	B950419	ND	0.040	B949391	ND	0.040	B949391
Total Silicon (Si)	ug/L	3280	3260	50	B950419	ND	50	B949391	ND	50	B949391
Total Silver (Ag)	ug/L	ND	ND	0.010	B950419	ND	0.0050	B949391	ND	0.0050	B949391
Total Strontium (Sr)	ug/L	27.9	28.1	0.050	B950419	ND	0.050	B949391	ND	0.050	B949391
Total Tellurium (Te)	ug/L	ND	ND	0.020	B950419	ND	0.020	B949391	ND	0.020	B949391
Total Thallium (Tl)	ug/L	0.0029	0.0033	0.0020	B950419	ND	0.0020	B949391	0.0020	0.0020	B949391
Total Thorium (Th)	ug/L	ND	ND	0.050	B950419	ND	0.050	B949391	ND	0.050	B949391
Total Tin (Sn)	ug/L	ND	ND	0.20	B950419	ND	0.20	B949391	ND	0.20	B949391
Total Titanium (Ti)	ug/L	6.2	6.1	2.0	B950419	ND	0.50	B949391	ND	0.50	B949391
Total Uranium (U)	ug/L	0.0304	0.0375	0.0050	B950419	ND	0.0020	B949391	0.0020	0.0020	B949391
Total Vanadium (V)	ug/L	1.01	0.95	0.20	B950419	ND	0.20	B949391	ND	0.20	B949391
Total Zinc (Zn)	ug/L	4.0	1.2	1.0	B950419	0.10	0.10	B949391	ND	0.10	B949391
Total Zirconium (Zr)	ug/L	ND	ND	0.10	B950419	ND	0.10	B949391	ND	0.10	B949391
Total Calcium (Ca)	mg/L	4.46	4.50	0.25	B944646	ND	0.050	B944646	ND	0.050	B944646
Total Magnesium (Mg)	mg/L	0.51	0.50	0.25	B944646	ND	0.050	B944646	ND	0.050	B944646
Total Potassium (K)	mg/L	0.47	0.47	0.25	B944646	ND	0.050	B944646	ND	0.050	B944646
Total Sodium (Na)	mg/L	1.50	1.45	0.25	B944646	ND	0.050	B944646	ND	0.050	B944646
Total Sulphur (S)	mg/L	ND	ND	3.0	B944646	ND	3.0	B944646	ND	3.0	B944646

RDL = Reportable Detection Limit

ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.



Bureau Veritas Job #: C543858
Report Date: 2025/05/22

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DKY676			DKY677	DKY678	DKY679		
Sampling Date		2025/05/13			2025/05/13	2025/05/13	2025/05/13		
COC Number		104554			104554	104554	104554		
	UNITS	Trip Blank Lab-Dup	RDL	QC Batch	Q 01	Q 02	Q 03	RDL	QC Batch

ANIONS

Bromide (Br)	mg/L				0.021	0.083	0.124	0.010	B955062
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Dissolved Metals by ICPMS

Dissolved Aluminum (Al)	ug/L	ND	0.50	B951001					
Dissolved Antimony (Sb)	ug/L	ND	0.020	B951001					
Dissolved Arsenic (As)	ug/L	ND	0.020	B951001					
Dissolved Barium (Ba)	ug/L	ND	0.020	B951001					
Dissolved Beryllium (Be)	ug/L	ND	0.010	B951001					
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	B951001					
Dissolved Boron (B)	ug/L	ND	10	B951001					
Dissolved Cadmium (Cd)	ug/L	ND	0.0050	B951001					
Dissolved Cesium (Cs)	ug/L	ND	0.050	B951001					
Dissolved Chromium (Cr)	ug/L	ND	0.10	B951001					
Dissolved Cobalt (Co)	ug/L	ND	0.0050	B951001					
Dissolved Copper (Cu)	ug/L	ND	0.050	B951001					
Dissolved Iron (Fe)	ug/L	ND	1.0	B951001					
Dissolved Lead (Pb)	ug/L	ND	0.0050	B951001					
Dissolved Lithium (Li)	ug/L	ND	0.50	B951001					
Dissolved Manganese (Mn)	ug/L	ND	0.050	B951001					
Dissolved Molybdenum (Mo)	ug/L	ND	0.050	B951001					
Dissolved Nickel (Ni)	ug/L	ND	0.020	B951001					
Dissolved Phosphorus (P)	ug/L	ND	2.0	B951001					
Dissolved Rubidium (Rb)	ug/L	ND	0.050	B951001					
Dissolved Selenium (Se)	ug/L	ND	0.040	B951001					
Dissolved Silicon (Si)	ug/L	ND	50	B951001					
Dissolved Silver (Ag)	ug/L	ND	0.0050	B951001					
Dissolved Strontium (Sr)	ug/L	ND	0.050	B951001					
Dissolved Tellurium (Te)	ug/L	ND	0.020	B951001					
Dissolved Thallium (Tl)	ug/L	ND	0.0020	B951001					
Dissolved Thorium (Th)	ug/L	ND	0.050	B951001					

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate

ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.



Bureau Veritas Job #: C543858
Report Date: 2025/05/22

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DKY676			DKY677	DKY678	DKY679		
Sampling Date		2025/05/13			2025/05/13	2025/05/13	2025/05/13		
COC Number		104554			104554	104554	104554		
	UNITS	Trip Blank Lab-Dup	RDL	QC Batch	Q 01	Q 02	Q 03	RDL	QC Batch
Dissolved Tin (Sn)	ug/L	ND	0.20	B951001					
Dissolved Titanium (Ti)	ug/L	ND	0.50	B951001					
Dissolved Uranium (U)	ug/L	ND	0.0020	B951001					
Dissolved Vanadium (V)	ug/L	ND	0.20	B951001					
Dissolved Zinc (Zn)	ug/L	ND	0.10	B951001					
Dissolved Zirconium (Zr)	ug/L	ND	0.10	B951001					
Dissolved Calcium (Ca)	mg/L				6.71	25.9	13.1	0.050	B944645
Dissolved Magnesium (Mg)	mg/L				0.470	1.56	1.08	0.050	B944645
Dissolved Potassium (K)	mg/L				0.422	2.11	1.43	0.050	B944645
Dissolved Sodium (Na)	mg/L				1.47	9.14	5.69	0.050	B944645
Dissolved Sulphur (S)	mg/L				ND	4.9	ND	3.0	B944645
Lab Filtered Metals									
Dissolved Aluminum (Al)	ug/L				30.2	9.27	21.3	0.50	B951038
Dissolved Antimony (Sb)	ug/L				0.040	0.091	0.049	0.020	B951038
Dissolved Arsenic (As)	ug/L				0.078	0.059	0.088	0.020	B951038
Dissolved Barium (Ba)	ug/L				8.53	22.6	16.4	0.020	B951038
Dissolved Beryllium (Be)	ug/L				ND	ND	ND	0.010	B951038
Dissolved Bismuth (Bi)	ug/L				ND	ND	ND	0.0050	B951038
Dissolved Boron (B)	ug/L				ND	ND	ND	10	B951038
Dissolved Cadmium (Cd)	ug/L				0.0060	0.0090	ND	0.0050	B951038
Dissolved Cesium (Cs)	ug/L				ND	ND	ND	0.050	B951038
Dissolved Chromium (Cr)	ug/L				ND	ND	ND	0.10	B951038
Dissolved Cobalt (Co)	ug/L				0.105	0.186	1.83	0.0050	B951038
Dissolved Copper (Cu)	ug/L				0.482	0.313	0.175	0.050	B951038
Dissolved Iron (Fe)	ug/L				41.9	17.1	1220	1.0	B951038
Dissolved Lead (Pb)	ug/L				0.0170	ND	0.0090	0.0050	B951038
Dissolved Lithium (Li)	ug/L				ND	1.64	ND	0.50	B951038
Dissolved Manganese (Mn)	ug/L				33.5	169	355	0.050	B951038
Dissolved Molybdenum (Mo)	ug/L				0.923	3.46	1.57	0.050	B951038
Dissolved Nickel (Ni)	ug/L				0.220	0.262	0.617	0.020	B951038
RDL = Reportable Detection Limit									
Lab-Dup = Laboratory Initiated Duplicate									
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.									



Bureau Veritas Job #: C543858
Report Date: 2025/05/22

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DKY676			DKY677	DKY678	DKY679		
Sampling Date		2025/05/13			2025/05/13	2025/05/13	2025/05/13		
COC Number		104554			104554	104554	104554		
	UNITS	Trip Blank Lab-Dup	RDL	QC Batch	Q 01	Q 02	Q 03	RDL	QC Batch
Dissolved Phosphorus (P)	ug/L				ND	ND	ND	2.0	B951038
Dissolved Rubidium (Rb)	ug/L				0.886	3.12	3.20	0.050	B951038
Dissolved Selenium (Se)	ug/L				ND	ND	ND	0.040	B951038
Dissolved Silicon (Si)	ug/L				3040	4930	5150	50	B951038
Dissolved Silver (Ag)	ug/L				ND	ND	ND	0.0050	B951038
Dissolved Strontium (Sr)	ug/L				24.9	106	51.0	0.050	B951038
Dissolved Tellurium (Te)	ug/L				ND	ND	ND	0.020	B951038
Dissolved Thallium (Tl)	ug/L				0.0030	0.0040	0.0040	0.0020	B951038
Dissolved Thorium (Th)	ug/L				0.0120	0.0060	0.0130	0.0050	B951038
Dissolved Tin (Sn)	ug/L				ND	ND	ND	0.20	B951038
Dissolved Titanium (Ti)	ug/L				ND	ND	0.53	0.50	B951038
Dissolved Uranium (U)	ug/L				0.0970	1.34	0.298	0.0020	B951038
Dissolved Vanadium (V)	ug/L				ND	ND	ND	0.20	B951038
Dissolved Zinc (Zn)	ug/L				5.77	3.19	0.63	0.10	B951038
Dissolved Zirconium (Zr)	ug/L				ND	ND	ND	0.10	B951038
Total Metals by ICPMS									
Total Aluminum (Al)	ug/L				62.2	624	3630	3.0	B950419
Total Antimony (Sb)	ug/L				0.108	0.111	0.276	0.020	B950419
Total Arsenic (As)	ug/L				0.084	0.182	0.914	0.020	B950419
Total Barium (Ba)	ug/L				9.02	28.5	57.7	0.050	B950419
Total Beryllium (Be)	ug/L				ND	ND	0.045	0.010	B950419
Total Bismuth (Bi)	ug/L				ND	0.013	0.058	0.010	B950419
Total Boron (B)	ug/L				ND	12	ND	10	B950419
Total Cadmium (Cd)	ug/L				0.0057	0.0158	0.0398	0.0050	B950419
Total Cesium (Cs)	ug/L				ND	0.072	0.354	0.050	B950419
Total Chromium (Cr)	ug/L				ND	0.27	1.29	0.10	B950419
Total Cobalt (Co)	ug/L				0.119	0.612	5.46	0.010	B950419
Total Copper (Cu)	ug/L				0.62	1.10	4.65	0.10	B950419
Total Iron (Fe)	ug/L				112	1220	23000	5.0	B950419
Total Lead (Pb)	ug/L				0.066	0.475	2.06	0.020	B950419
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.									



ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DKY676			DKY677	DKY678	DKY679		
Sampling Date		2025/05/13			2025/05/13	2025/05/13	2025/05/13		
COC Number		104554			104554	104554	104554		
	UNITS	Trip Blank Lab-Dup	RDL	QC Batch	Q 01	Q 02	Q 03	RDL	QC Batch
Total Lithium (Li)	ug/L				ND	1.86	2.57	0.50	B950419
Total Manganese (Mn)	ug/L				35.1	311	697	0.10	B950419
Total Molybdenum (Mo)	ug/L				0.893	4.00	3.50	0.050	B950419
Total Nickel (Ni)	ug/L				0.22	0.46	1.59	0.10	B950419
Total Phosphorus (P)	ug/L				ND	16.8	69.2	5.0	B950419
Total Rubidium (Rb)	ug/L				0.929	3.42	6.85	0.050	B950419
Total Selenium (Se)	ug/L				ND	0.041	0.088	0.040	B950419
Total Silicon (Si)	ug/L				2920	5150	8720	50	B950419
Total Silver (Ag)	ug/L				ND	ND	0.018	0.010	B950419
Total Strontium (Sr)	ug/L				25.7	108	59.4	0.050	B950419
Total Tellurium (Te)	ug/L				ND	ND	ND	0.020	B950419
Total Thallium (Tl)	ug/L				0.0030	0.0099	0.0491	0.0020	B950419
Total Thorium (Th)	ug/L				ND	ND	0.604	0.050	B950419
Total Tin (Sn)	ug/L				ND	ND	0.32	0.20	B950419
Total Titanium (Ti)	ug/L				ND	26.0	149	2.0	B950419
Total Uranium (U)	ug/L				0.120	1.86	2.63	0.0050	B950419
Total Vanadium (V)	ug/L				ND	1.00	6.00	0.20	B950419
Total Zinc (Zn)	ug/L				6.5	6.0	9.6	1.0	B950419
Total Zirconium (Zr)	ug/L				ND	ND	0.64	0.10	B950419
Total Calcium (Ca)	mg/L				6.79	26.6	13.6	0.25	B944646
Total Magnesium (Mg)	mg/L				0.48	1.65	1.55	0.25	B944646
Total Potassium (K)	mg/L				0.42	2.32	1.88	0.25	B944646
Total Sodium (Na)	mg/L				1.47	9.20	5.54	0.25	B944646
Total Sulphur (S)	mg/L				ND	4.3	ND	3.0	B944646
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.									



Bureau Veritas Job #: C543858
Report Date: 2025/05/22

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

MISCELLANEOUS (WATER)

Bureau Veritas ID		DKY670	DKY671	DKY672	DKY673	DKY674	DKY677		
Sampling Date		2025/05/13	2025/05/13	2025/05/13	2025/05/13	2025/05/13	2025/05/13		
COC Number		104554	104554	104554	104554	104554	104554		
	UNITS	WLNG-DS	WLNG-EOP	WLNG-US	SQU-US	SQU-DS	Q 01	RDL	QC Batch

Calculated Parameters

Total Un-ionized Hydrogen Sulfide as S	mg/L	ND	ND	ND	ND	ND	ND	0.0050	B948753
Total Un-ionized Hydrogen Sulfide as H ₂ S	mg/L	ND	ND	ND	ND	ND	ND	0.0050	B948753

RDL = Reportable Detection Limit

ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

Bureau Veritas ID		DKY678	DKY679		
Sampling Date		2025/05/13	2025/05/13		
COC Number		104554	104554		
	UNITS	Q 02	Q 03	RDL	QC Batch

Calculated Parameters

Total Un-ionized Hydrogen Sulfide as S	mg/L	ND	ND	0.0050	B948753
Total Un-ionized Hydrogen Sulfide as H ₂ S	mg/L	ND	ND	0.0050	B948753

RDL = Reportable Detection Limit

ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.



LEPH & HEPH WITH CSR/CCME PAH IN WATER (WATER)

Bureau Veritas ID		DKY671		
Sampling Date		2025/05/13		
COC Number		104554		
	UNITS	WLNG -EOP	RDL	QC Batch
Calculated Parameters				
Low Molecular Weight PAH's	ug/L	ND	0.10	B945525
High Molecular Weight PAH's	ug/L	ND	0.050	B945525
Total PAH	ug/L	ND	0.10	B945525
Polycyclic Aromatics				
Quinoline	ug/L	ND	0.020	B955212
Naphthalene	ug/L	ND	0.10	B955212
1-Methylnaphthalene	ug/L	ND	0.050	B955212
2-Methylnaphthalene	ug/L	ND	0.10	B955212
Acenaphthylene	ug/L	ND	0.050	B955212
Acenaphthene	ug/L	ND	0.050	B955212
Fluorene	ug/L	ND	0.050	B955212
Phenanthrene	ug/L	ND	0.050	B955212
Anthracene	ug/L	ND	0.010	B955212
Acridine	ug/L	ND	0.050	B955212
Fluoranthene	ug/L	ND	0.020	B955212
Pyrene	ug/L	ND	0.020	B955212
Benzo(a)anthracene	ug/L	ND	0.010	B955212
Chrysene	ug/L	ND	0.020	B955212
Benzo(b&j)fluoranthene	ug/L	ND	0.030	B955212
Benzo(k)fluoranthene	ug/L	ND	0.050	B955212
Benzo(a)pyrene	ug/L	ND	0.0050	B955212
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.050	B955212
Dibenz(a,h)anthracene	ug/L	ND	0.0030	B955212
Benzo(g,h,i)perylene	ug/L	ND	0.050	B955212
Calculated Parameters				
LEPH (C10-C19 less PAH)	mg/L	ND	0.20	B945531
HEPH (C19-C32 less PAH)	mg/L	ND	0.20	B945531
Ext. Pet. Hydrocarbon				
EPH (C10-C19)	mg/L	ND	0.20	B955225
EPH (C19-C32)	mg/L	ND	0.20	B955225
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.				



Bureau Veritas Job #: C543858
Report Date: 2025/05/22

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

LEPH & HEPH WITH CSR/CCME PAH IN WATER (WATER)

Bureau Veritas ID		DKY671		
Sampling Date		2025/05/13		
COC Number		104554		
	UNITS	WLNG -EOP	RDL	QC Batch
Surrogate Recovery (%)				
O-TERPHENYL (sur.)	%	99		B955225
D10-ANTHRACENE (sur.)	%	114		B955212
D8-ACENAPHTHYLENE (sur.)	%	92		B955212
D8-NAPHTHALENE (sur.)	%	93		B955212
TERPHENYL-D14 (sur.)	%	114		B955212
RDL = Reportable Detection Limit				



CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DKY671		
Sampling Date		2025/05/13		
COC Number		104554		
	UNITS	WLNG -EOP	RDL	QC Batch
Calculated Parameters				
VPH (VH6 to 10 - BTEX)	ug/L	ND	300	B944275
Volatiles				
VH C6-C10	ug/L	ND	300	B950994
1,1,1,2-tetrachloroethane	ug/L	ND	0.50	B950994
1,1,1-trichloroethane	ug/L	ND	0.50	B950994
1,1,2,2-tetrachloroethane	ug/L	ND	0.50	B950994
1,1,2Trichloro-1,2,2Trifluoroethane	ug/L	ND	2.0	B950994
1,1,2-trichloroethane	ug/L	ND	0.50	B950994
1,1-dichloroethane	ug/L	ND	0.50	B950994
1,1-dichloroethene	ug/L	ND	0.50	B950994
1,2,3-trichlorobenzene	ug/L	ND	2.0	B950994
1,2,4-trichlorobenzene	ug/L	ND	2.0	B950994
1,2-dibromoethane	ug/L	ND	0.20	B950994
1,2-dichlorobenzene	ug/L	ND	0.50	B950994
1,2-dichloroethane	ug/L	ND	0.50	B950994
1,2-dichloropropane	ug/L	ND	0.50	B950994
1,3,5-trimethylbenzene	ug/L	ND	2.0	B950994
1,3-Butadiene	ug/L	ND	0.50	B950994
1,3-dichlorobenzene	ug/L	ND	0.50	B950994
1,3-dichloropropane	ug/L	ND	1.0	B950994
1,4-dichlorobenzene	ug/L	ND	0.50	B950994
Benzene	ug/L	ND	0.40	B950994
Bromobenzene	ug/L	ND	2.0	B950994
Bromodichloromethane	ug/L	ND	1.0	B950994
Bromoform	ug/L	ND	1.0	B950994
Bromomethane	ug/L	ND	1.0	B950994
Carbon tetrachloride	ug/L	ND	0.50	B950994
Chlorobenzene	ug/L	ND	0.50	B950994
Dibromochloromethane	ug/L	ND	1.0	B950994
Chloroethane	ug/L	ND	1.0	B950994
Chloroform	ug/L	ND	1.0	B950994
RDL = Reportable Detection Limit				
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.				



CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DKY671		
Sampling Date		2025/05/13		
COC Number		104554		
	UNITS	WLNG -EOP	RDL	QC Batch
Chloromethane	ug/L	ND	1.0	B950994
cis-1,2-dichloroethene	ug/L	ND	1.0	B950994
cis-1,3-dichloropropene	ug/L	ND	1.0	B950994
Dichlorodifluoromethane	ug/L	ND	2.0	B950994
Dichloromethane	ug/L	ND	2.0	B950994
Ethylbenzene	ug/L	ND	0.40	B950994
Hexachlorobutadiene	ug/L	ND	0.50	B950994
Isopropylbenzene	ug/L	ND	2.0	B950994
Methyl-tert-butylether (MTBE)	ug/L	ND	4.0	B950994
Styrene	ug/L	ND	0.50	B950994
Tetrachloroethene	ug/L	ND	0.50	B950994
Toluene	ug/L	ND	0.40	B950994
trans-1,2-dichloroethene	ug/L	ND	1.0	B950994
trans-1,3-dichloropropene	ug/L	ND	1.0	B950994
Trichloroethene	ug/L	ND	0.50	B950994
Trichlorofluoromethane	ug/L	ND	4.0	B950994
Vinyl chloride	ug/L	ND	0.50	B950994
m & p-Xylene	ug/L	ND	0.40	B950994
o-Xylene	ug/L	ND	0.40	B950994
Xylenes (Total)	ug/L	ND	0.40	B950994
Surrogate Recovery (%)				
1,4-Difluorobenzene (sur.)	%	102		B950994
4-Bromofluorobenzene (sur.)	%	95		B950994
D4-1,2-Dichloroethane (sur.)	%	88		B950994
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.				



Bureau Veritas Job #: C543858
Report Date: 2025/05/22

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

GENERAL COMMENTS

Sample DKY679 [Q 03] : Total Chromium < Total Hexavalent Chromium. High Hexavalent result is likely due to matrix interference.
Sample DKY675, Elements by ICPMS Low Level (total): Test repeated.

Results relate only to the items tested.



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Your P.O. #: 4800010213

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B949051	KA5	Matrix Spike [DKY675-11]	Total Dissolved Solids	2025/05/16		101	%	80 - 120
B949051	KA5	Spiked Blank	Total Dissolved Solids	2025/05/16		99	%	80 - 120
B949051	KA5	Method Blank	Total Dissolved Solids	2025/05/16	ND, RDL=10		mg/L	
B949051	KA5	RPD	Total Dissolved Solids	2025/05/16	13		%	20
B949272	C2L	Matrix Spike	Nitrate plus Nitrite (N)	2025/05/15		117	%	80 - 120
B949272	C2L	Spiked Blank	Nitrate plus Nitrite (N)	2025/05/15		111	%	80 - 120
B949272	C2L	Method Blank	Nitrate plus Nitrite (N)	2025/05/15	ND, RDL=0.020		mg/L	
B949272	C2L	RPD	Nitrate plus Nitrite (N)	2025/05/15	NC		%	25
B949277	C2L	Matrix Spike	Nitrite (N)	2025/05/15		109	%	80 - 120
B949277	C2L	Spiked Blank	Nitrite (N)	2025/05/15		103	%	80 - 120
B949277	C2L	Method Blank	Nitrite (N)	2025/05/15	ND, RDL=0.0050		mg/L	
B949277	C2L	RPD	Nitrite (N)	2025/05/15	NC		%	20
B949279	C2L	Matrix Spike	Nitrate plus Nitrite (N)	2025/05/15		116	%	80 - 120
B949279	C2L	Spiked Blank	Nitrate plus Nitrite (N)	2025/05/15		111	%	80 - 120
B949279	C2L	Method Blank	Nitrate plus Nitrite (N)	2025/05/15	ND, RDL=0.020		mg/L	
B949279	C2L	RPD	Nitrate plus Nitrite (N)	2025/05/15	NC		%	25
B949280	C2L	Matrix Spike	Nitrite (N)	2025/05/15		107	%	80 - 120
B949280	C2L	Spiked Blank	Nitrite (N)	2025/05/15		103	%	80 - 120
B949280	C2L	Method Blank	Nitrite (N)	2025/05/15	ND, RDL=0.0050		mg/L	
B949280	C2L	RPD	Nitrite (N)	2025/05/15	NC		%	20
B949311	JLP	Matrix Spike	Chloride (Cl)	2025/05/15		NC	%	80 - 120
			Sulphate (SO4)	2025/05/15		114	%	80 - 120
B949311	JLP	Spiked Blank	Chloride (Cl)	2025/05/15		95	%	80 - 120
			Sulphate (SO4)	2025/05/15		95	%	80 - 120
B949311	JLP	Method Blank	Chloride (Cl)	2025/05/15	ND, RDL=1.0		mg/L	
			Sulphate (SO4)	2025/05/15	ND, RDL=1.0		mg/L	
B949311	JLP	RPD	Chloride (Cl)	2025/05/15	5.5		%	20
			Sulphate (SO4)	2025/05/15	0.24		%	20
B949315	BB3	Spiked Blank	pH	2025/05/15		100	%	97 - 103
B949315	BB3	RPD	pH	2025/05/15	1.4		%	N/A
B949320	BB3	Spiked Blank	Alkalinity (Total as CaCO3)	2025/05/15		95	%	80 - 120
B949320	BB3	Method Blank	Alkalinity (PP as CaCO3)	2025/05/15	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/05/15	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/05/15	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/05/15	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/05/15	ND, RDL=1.0		mg/L	
B949320	BB3	RPD	Alkalinity (PP as CaCO3)	2025/05/15	NC		%	20
			Alkalinity (Total as CaCO3)	2025/05/15	7.0		%	20
			Bicarbonate (HCO3)	2025/05/15	7.0		%	20
			Carbonate (CO3)	2025/05/15	NC		%	20
			Hydroxide (OH)	2025/05/15	NC		%	20



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QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B949323	BB3		Spiked Blank	pH	2025/05/15		100	%	97 - 103
B949323	BB3		RPD	pH	2025/05/16	0.35		%	N/A
B949325	BB3		Spiked Blank	Alkalinity (Total as CaCO3)	2025/05/15		95	%	80 - 120
B949325	BB3		Method Blank	Alkalinity (PP as CaCO3)	2025/05/15	ND, RDL=1.0		mg/L	
				Alkalinity (Total as CaCO3)	2025/05/15	ND, RDL=1.0		mg/L	
				Bicarbonate (HCO3)	2025/05/15	ND, RDL=1.0		mg/L	
				Carbonate (CO3)	2025/05/15	ND, RDL=1.0		mg/L	
				Hydroxide (OH)	2025/05/15	ND, RDL=1.0		mg/L	
B949325	BB3		RPD	Alkalinity (PP as CaCO3)	2025/05/16	NC		%	20
				Alkalinity (Total as CaCO3)	2025/05/16	2.2		%	20
				Bicarbonate (HCO3)	2025/05/16	2.2		%	20
				Carbonate (CO3)	2025/05/16	NC		%	20
				Hydroxide (OH)	2025/05/16	NC		%	20
B949328	NKT		Matrix Spike	Total Phosphorus (P)	2025/05/16		67	%	N/A
B949328	NKT		Spiked Blank	Total Phosphorus (P)	2025/05/16		97	%	80 - 120
B949328	NKT		Method Blank	Total Phosphorus (P)	2025/05/16	ND, RDL=0.0010		mg/L	
B949328	NKT		RPD	Total Phosphorus (P)	2025/05/16	3.4		%	20
B949391	MYO		Matrix Spike	Total Aluminum (Al)	2025/05/16		100	%	80 - 120
				Total Antimony (Sb)	2025/05/16		102	%	80 - 120
				Total Arsenic (As)	2025/05/16		103	%	80 - 120
				Total Barium (Ba)	2025/05/16		101	%	80 - 120
				Total Beryllium (Be)	2025/05/16		101	%	80 - 120
				Total Bismuth (Bi)	2025/05/16		95	%	80 - 120
				Total Boron (B)	2025/05/16		97	%	80 - 120
				Total Cadmium (Cd)	2025/05/16		100	%	80 - 120
				Total Cesium (Cs)	2025/05/16		99	%	80 - 120
				Total Chromium (Cr)	2025/05/16		99	%	80 - 120
				Total Cobalt (Co)	2025/05/16		98	%	80 - 120
				Total Copper (Cu)	2025/05/16		97	%	80 - 120
				Total Iron (Fe)	2025/05/16		100	%	80 - 120
				Total Lead (Pb)	2025/05/16		99	%	80 - 120
				Total Lithium (Li)	2025/05/16		98	%	80 - 120
				Total Manganese (Mn)	2025/05/16		99	%	80 - 120
				Total Molybdenum (Mo)	2025/05/16		102	%	80 - 120
				Total Nickel (Ni)	2025/05/16		97	%	80 - 120
				Total Phosphorus (P)	2025/05/16		104	%	80 - 120
				Total Rubidium (Rb)	2025/05/16		105	%	80 - 120
				Total Selenium (Se)	2025/05/16		100	%	80 - 120
				Total Silicon (Si)	2025/05/16		112	%	80 - 120
				Total Silver (Ag)	2025/05/16		98	%	80 - 120
				Total Strontium (Sr)	2025/05/16		105	%	80 - 120
				Total Tellurium (Te)	2025/05/16		98	%	80 - 120
				Total Thallium (Tl)	2025/05/16		95	%	80 - 120
				Total Thorium (Th)	2025/05/16		99	%	80 - 120
				Total Tin (Sn)	2025/05/16		101	%	80 - 120
				Total Titanium (Ti)	2025/05/16		100	%	80 - 120
				Total Uranium (U)	2025/05/16		102	%	80 - 120



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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B949391	MYO	Spiked Blank	Total Vanadium (V)	2025/05/16		102	%	80 - 120
			Total Zinc (Zn)	2025/05/16		101	%	80 - 120
			Total Zirconium (Zr)	2025/05/16		102	%	80 - 120
			Total Aluminum (Al)	2025/05/16		103	%	80 - 120
			Total Antimony (Sb)	2025/05/16		100	%	80 - 120
			Total Arsenic (As)	2025/05/16		104	%	80 - 120
			Total Barium (Ba)	2025/05/16		102	%	80 - 120
			Total Beryllium (Be)	2025/05/16		103	%	80 - 120
			Total Bismuth (Bi)	2025/05/16		99	%	80 - 120
			Total Boron (B)	2025/05/16		98	%	80 - 120
			Total Cadmium (Cd)	2025/05/16		101	%	80 - 120
			Total Cesium (Cs)	2025/05/16		102	%	80 - 120
			Total Chromium (Cr)	2025/05/16		102	%	80 - 120
			Total Cobalt (Co)	2025/05/16		102	%	80 - 120
			Total Copper (Cu)	2025/05/16		100	%	80 - 120
			Total Iron (Fe)	2025/05/16		101	%	80 - 120
			Total Lead (Pb)	2025/05/16		102	%	80 - 120
			Total Lithium (Li)	2025/05/16		100	%	80 - 120
			Total Manganese (Mn)	2025/05/16		101	%	80 - 120
			Total Molybdenum (Mo)	2025/05/16		102	%	80 - 120
			Total Nickel (Ni)	2025/05/16		101	%	80 - 120
			Total Phosphorus (P)	2025/05/16		106	%	80 - 120
			Total Rubidium (Rb)	2025/05/16		103	%	80 - 120
			Total Selenium (Se)	2025/05/16		102	%	80 - 120
			Total Silicon (Si)	2025/05/16		111	%	80 - 120
			Total Silver (Ag)	2025/05/16		103	%	80 - 120
			Total Strontium (Sr)	2025/05/16		105	%	80 - 120
			Total Tellurium (Te)	2025/05/16		107	%	80 - 120
			Total Thallium (Tl)	2025/05/16		98	%	80 - 120
			Total Thorium (Th)	2025/05/16		102	%	80 - 120
			Total Tin (Sn)	2025/05/16		104	%	80 - 120
			Total Titanium (Ti)	2025/05/16		102	%	80 - 120
			Total Uranium (U)	2025/05/16		102	%	80 - 120
			Total Vanadium (V)	2025/05/16		103	%	80 - 120
			Total Zinc (Zn)	2025/05/16		102	%	80 - 120
			Total Zirconium (Zr)	2025/05/16		102	%	80 - 120
B949391	MYO	Method Blank	Total Aluminum (Al)	2025/05/16	ND, RDL=0.50		ug/L	
			Total Antimony (Sb)	2025/05/16	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/05/16	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/05/16	ND, RDL=0.020		ug/L	
			Total Beryllium (Be)	2025/05/16	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/05/16	ND, RDL=0.0050		ug/L	
			Total Boron (B)	2025/05/16	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/05/16	ND, RDL=0.0050		ug/L	



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B949391	MYO	RPD	Total Cesium (Cs)	2025/05/16	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/05/16	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/05/16	ND, RDL=0.0050		ug/L	
			Total Copper (Cu)	2025/05/16	ND, RDL=0.050		ug/L	
			Total Iron (Fe)	2025/05/16	ND, RDL=1.0		ug/L	
			Total Lead (Pb)	2025/05/16	ND, RDL=0.0050		ug/L	
			Total Lithium (Li)	2025/05/16	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/05/16	ND, RDL=0.050		ug/L	
			Total Molybdenum (Mo)	2025/05/16	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/05/16	ND, RDL=0.020		ug/L	
			Total Phosphorus (P)	2025/05/16	ND, RDL=2.0		ug/L	
			Total Rubidium (Rb)	2025/05/16	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/05/16	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/05/16	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/05/16	ND, RDL=0.0050		ug/L	
			Total Strontium (Sr)	2025/05/16	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/05/16	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/05/16	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/05/16	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/05/16	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/05/16	ND, RDL=0.50		ug/L	
			Total Uranium (U)	2025/05/16	0.0020, RDL=0.0020 (1)		ug/L	
			Total Vanadium (V)	2025/05/16	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/05/16	ND, RDL=0.10		ug/L	
			Total Zirconium (Zr)	2025/05/16	ND, RDL=0.10		ug/L	
			Total Aluminum (Al)	2025/05/16	15		%	20
			Total Arsenic (As)	2025/05/16	4.1		%	20
			Total Cadmium (Cd)	2025/05/16	NC		%	20
			Total Cobalt (Co)	2025/05/16	0.38		%	20



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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Copper (Cu)	2025/05/16	2.0		%	20
			Total Lead (Pb)	2025/05/16	2.6		%	20
			Total Molybdenum (Mo)	2025/05/16	4.8		%	20
			Total Phosphorus (P)	2025/05/16	1.3		%	20
			Total Selenium (Se)	2025/05/16	NC		%	20
			Total Thallium (Tl)	2025/05/16	NC		%	20
			Total Uranium (U)	2025/05/16	1.0		%	20
			Total Vanadium (V)	2025/05/16	NC		%	20
			Total Zinc (Zn)	2025/05/16	1.4		%	20
B949740	IC4	Matrix Spike	Total Mercury (Hg)	2025/05/15		97	%	80 - 120
B949740	IC4	Spiked Blank	Total Mercury (Hg)	2025/05/15		94	%	80 - 120
B949740	IC4	Method Blank	Total Mercury (Hg)	2025/05/15	ND, RDL=0.0019		ug/L	
B949740	IC4	RPD	Total Mercury (Hg)	2025/05/15	NC		%	20
B950419	MYO	Matrix Spike [DKY673-08]	Total Aluminum (Al)	2025/05/21		117	%	80 - 120
			Total Antimony (Sb)	2025/05/21		102	%	80 - 120
			Total Arsenic (As)	2025/05/21		105	%	80 - 120
			Total Barium (Ba)	2025/05/21		105	%	80 - 120
			Total Beryllium (Be)	2025/05/21		95	%	80 - 120
			Total Bismuth (Bi)	2025/05/21		99	%	80 - 120
			Total Boron (B)	2025/05/21		102	%	80 - 120
			Total Cadmium (Cd)	2025/05/21		103	%	80 - 120
			Total Cesium (Cs)	2025/05/21		104	%	80 - 120
			Total Chromium (Cr)	2025/05/21		100	%	80 - 120
			Total Cobalt (Co)	2025/05/21		95	%	80 - 120
			Total Copper (Cu)	2025/05/21		95	%	80 - 120
			Total Iron (Fe)	2025/05/21		116	%	80 - 120
			Total Lead (Pb)	2025/05/21		101	%	80 - 120
			Total Lithium (Li)	2025/05/21		97	%	80 - 120
			Total Manganese (Mn)	2025/05/21		101	%	80 - 120
			Total Molybdenum (Mo)	2025/05/21		101	%	80 - 120
			Total Nickel (Ni)	2025/05/21		99	%	80 - 120
			Total Phosphorus (P)	2025/05/21		105	%	80 - 120
			Total Rubidium (Rb)	2025/05/21		101	%	80 - 120
			Total Selenium (Se)	2025/05/21		104	%	80 - 120
			Total Silicon (Si)	2025/05/21		111	%	80 - 120
			Total Silver (Ag)	2025/05/21		102	%	80 - 120
			Total Strontium (Sr)	2025/05/21		102	%	80 - 120
			Total Tellurium (Te)	2025/05/21		99	%	80 - 120
			Total Thallium (Tl)	2025/05/21		99	%	80 - 120
			Total Thorium (Th)	2025/05/21		104	%	80 - 120
			Total Tin (Sn)	2025/05/21		101	%	80 - 120
			Total Titanium (Ti)	2025/05/21		106	%	80 - 120
			Total Uranium (U)	2025/05/21		105	%	80 - 120
			Total Vanadium (V)	2025/05/21		101	%	80 - 120
			Total Zinc (Zn)	2025/05/21		101	%	80 - 120
			Total Zirconium (Zr)	2025/05/21		102	%	80 - 120
B950419	MYO	Spiked Blank	Total Aluminum (Al)	2025/05/21		101	%	80 - 120
			Total Antimony (Sb)	2025/05/21		103	%	80 - 120
			Total Arsenic (As)	2025/05/21		104	%	80 - 120
			Total Barium (Ba)	2025/05/21		104	%	80 - 120
			Total Beryllium (Be)	2025/05/21		96	%	80 - 120
			Total Bismuth (Bi)	2025/05/21		100	%	80 - 120



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B950419	MYO	Method Blank	Total Boron (B)	2025/05/21		102	%	80 - 120
			Total Cadmium (Cd)	2025/05/21		103	%	80 - 120
			Total Cesium (Cs)	2025/05/21		106	%	80 - 120
			Total Chromium (Cr)	2025/05/21		104	%	80 - 120
			Total Cobalt (Co)	2025/05/21		98	%	80 - 120
			Total Copper (Cu)	2025/05/21		97	%	80 - 120
			Total Iron (Fe)	2025/05/21		106	%	80 - 120
			Total Lead (Pb)	2025/05/21		101	%	80 - 120
			Total Lithium (Li)	2025/05/21		98	%	80 - 120
			Total Manganese (Mn)	2025/05/21		102	%	80 - 120
			Total Molybdenum (Mo)	2025/05/21		103	%	80 - 120
			Total Nickel (Ni)	2025/05/21		102	%	80 - 120
			Total Phosphorus (P)	2025/05/21		104	%	80 - 120
			Total Rubidium (Rb)	2025/05/21		104	%	80 - 120
			Total Selenium (Se)	2025/05/21		103	%	80 - 120
			Total Silicon (Si)	2025/05/21		104	%	80 - 120
			Total Silver (Ag)	2025/05/21		103	%	80 - 120
			Total Strontium (Sr)	2025/05/21		103	%	80 - 120
			Total Tellurium (Te)	2025/05/21		99	%	80 - 120
			Total Thallium (Tl)	2025/05/21		100	%	80 - 120
			Total Thorium (Th)	2025/05/21		106	%	80 - 120
			Total Tin (Sn)	2025/05/21		101	%	80 - 120
			Total Titanium (Ti)	2025/05/21		105	%	80 - 120
			Total Uranium (U)	2025/05/21		102	%	80 - 120
			Total Vanadium (V)	2025/05/21		104	%	80 - 120
			Total Zinc (Zn)	2025/05/21		103	%	80 - 120
			Total Zirconium (Zr)	2025/05/21		103	%	80 - 120
			Total Aluminum (Al)	2025/05/21	ND, RDL=3.0		ug/L	
			Total Antimony (Sb)	2025/05/21	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/05/21	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/05/21	ND, RDL=0.050		ug/L	
			Total Beryllium (Be)	2025/05/21	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/05/21	ND, RDL=0.010		ug/L	
			Total Boron (B)	2025/05/21	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/05/21	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/05/21	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/05/21	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/05/21	ND, RDL=0.010		ug/L	
			Total Copper (Cu)	2025/05/21	ND, RDL=0.10		ug/L	
			Total Iron (Fe)	2025/05/21	ND, RDL=5.0		ug/L	



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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B950419	MYO	RPD [DKY671-10]	Total Lead (Pb)	2025/05/21	ND, RDL=0.020		ug/L	
			Total Lithium (Li)	2025/05/21	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/05/21	ND, RDL=0.10		ug/L	
			Total Molybdenum (Mo)	2025/05/21	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/05/21	ND, RDL=0.10		ug/L	
			Total Phosphorus (P)	2025/05/21	ND, RDL=5.0		ug/L	
			Total Rubidium (Rb)	2025/05/21	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/05/21	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/05/21	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/05/21	ND, RDL=0.010		ug/L	
			Total Strontium (Sr)	2025/05/21	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/05/21	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/05/21	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/05/21	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/05/21	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/05/21	ND, RDL=2.0		ug/L	
			Total Uranium (U)	2025/05/21	ND, RDL=0.0050		ug/L	
			Total Vanadium (V)	2025/05/21	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/05/21	ND, RDL=1.0		ug/L	
			Total Zirconium (Zr)	2025/05/21	ND, RDL=0.10		ug/L	
			Total Aluminum (Al)	2025/05/21	1.8		%	20
			Total Antimony (Sb)	2025/05/21	9.1		%	20
			Total Arsenic (As)	2025/05/21	0.17		%	20
			Total Barium (Ba)	2025/05/21	0.96		%	20
			Total Beryllium (Be)	2025/05/21	10		%	20
			Total Bismuth (Bi)	2025/05/21	NC		%	20
			Total Boron (B)	2025/05/21	3.1		%	20
			Total Cadmium (Cd)	2025/05/21	0.81		%	20
			Total Cesium (Cs)	2025/05/21	0.12		%	20
			Total Chromium (Cr)	2025/05/21	2.5		%	20
			Total Cobalt (Co)	2025/05/21	2.2		%	20
			Total Copper (Cu)	2025/05/21	1.1		%	20
			Total Iron (Fe)	2025/05/21	0.27		%	20
			Total Lead (Pb)	2025/05/21	1.1		%	20



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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Lithium (Li)	2025/05/21	3.8		%	20
			Total Manganese (Mn)	2025/05/21	2.1		%	20
			Total Molybdenum (Mo)	2025/05/21	0.92		%	20
			Total Nickel (Ni)	2025/05/21	1.1		%	20
			Total Phosphorus (P)	2025/05/21	1.9		%	20
			Total Rubidium (Rb)	2025/05/21	4.3		%	20
			Total Selenium (Se)	2025/05/21	4.3		%	20
			Total Silicon (Si)	2025/05/21	2.3		%	20
			Total Silver (Ag)	2025/05/21	NC		%	20
			Total Strontium (Sr)	2025/05/21	2.0		%	20
			Total Tellurium (Te)	2025/05/21	NC		%	20
			Total Thallium (Tl)	2025/05/21	1.1		%	20
			Total Thorium (Th)	2025/05/21	NC		%	20
			Total Tin (Sn)	2025/05/21	NC		%	20
			Total Titanium (Ti)	2025/05/21	4.4		%	20
			Total Uranium (U)	2025/05/21	1.1		%	20
			Total Vanadium (V)	2025/05/21	1.5		%	20
			Total Zinc (Zn)	2025/05/21	1.6		%	20
			Total Zirconium (Zr)	2025/05/21	1.1		%	20
B950801	TSO	Matrix Spike [DKY670-10]	Total Ammonia (N)	2025/05/16		101	%	80 - 120
B950801	TSO	Spiked Blank	Total Ammonia (N)	2025/05/16		103	%	80 - 120
B950801	TSO	Method Blank	Total Ammonia (N)	2025/05/16	ND, RDL=0.015		mg/L	
B950801	TSO	RPD [DKY670-10]	Total Ammonia (N)	2025/05/16	NC		%	20
B950994	NGU	Matrix Spike	1,4-Difluorobenzene (sur.)	2025/05/16		100	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/05/16		85	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/05/16		83	%	50 - 140
			1,1,1,2-tetrachloroethane	2025/05/16		76	%	50 - 140
			1,1,1-trichloroethane	2025/05/16		77	%	50 - 140
			1,1,2,2-tetrachloroethane	2025/05/16		85	%	50 - 140
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/05/16		83	%	50 - 140
			1,1,2-trichloroethane	2025/05/16		80	%	50 - 140
			1,1-dichloroethane	2025/05/16		83	%	50 - 140
			1,1-dichloroethene	2025/05/16		96	%	50 - 140
			1,2,3-trichlorobenzene	2025/05/16		73	%	50 - 140
			1,2,4-trichlorobenzene	2025/05/16		81	%	50 - 140
			1,2-dibromoethane	2025/05/16		82	%	50 - 140
			1,2-dichlorobenzene	2025/05/16		95	%	50 - 140
			1,2-dichloroethane	2025/05/16		85	%	50 - 140
			1,2-dichloropropane	2025/05/16		85	%	50 - 140
			1,3,5-trimethylbenzene	2025/05/16		91	%	50 - 140
			1,3-Butadiene	2025/05/16		56	%	50 - 140
			1,3-dichlorobenzene	2025/05/16		95	%	50 - 140
			1,3-dichloropropane	2025/05/16		84	%	50 - 140
			1,4-dichlorobenzene	2025/05/16		97	%	50 - 140
			Benzene	2025/05/16		88	%	50 - 140
			Bromobenzene	2025/05/16		89	%	50 - 140
			Bromodichloromethane	2025/05/16		84	%	50 - 140
			Bromoform	2025/05/16		86	%	50 - 140
			Bromomethane	2025/05/16		113	%	50 - 140
			Carbon tetrachloride	2025/05/16		83	%	50 - 140
			Chlorobenzene	2025/05/16		80	%	50 - 140
			Dibromochloromethane	2025/05/16		80	%	50 - 140



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B950994	NGU	Spiked Blank	Chloroethane	2025/05/16		84	%	50 - 140
			Chloroform	2025/05/16		82	%	50 - 140
			Chloromethane	2025/05/16		84	%	50 - 140
			cis-1,2-dichloroethene	2025/05/16		89	%	50 - 140
			cis-1,3-dichloropropene	2025/05/16		74	%	50 - 140
			Dichlorodifluoromethane	2025/05/16		65	%	50 - 140
			Dichloromethane	2025/05/16		86	%	50 - 140
			Ethylbenzene	2025/05/16		80	%	50 - 140
			Hexachlorobutadiene	2025/05/16		83	%	50 - 140
			Isopropylbenzene	2025/05/16		90	%	50 - 140
			Methyl-tert-butylether (MTBE)	2025/05/16		75	%	50 - 140
			Styrene	2025/05/16		88	%	50 - 140
			Tetrachloroethene	2025/05/16		83	%	50 - 140
			Toluene	2025/05/16		83	%	50 - 140
			trans-1,2-dichloroethene	2025/05/16		94	%	50 - 140
			trans-1,3-dichloropropene	2025/05/16		70	%	50 - 140
			Trichloroethene	2025/05/16		89	%	50 - 140
			Trichlorofluoromethane	2025/05/16		82	%	50 - 140
			Vinyl chloride	2025/05/16		80	%	50 - 140
			m & p-Xylene	2025/05/16		78	%	50 - 140
			o-Xylene	2025/05/16		75	%	50 - 140
			1,4-Difluorobenzene (sur.)	2025/05/16		102	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/05/16		96	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/05/16		89	%	50 - 140
			VH C6-C10	2025/05/16		91	%	70 - 130
			1,1,1,2-tetrachloroethane	2025/05/16		79	%	60 - 130
			1,1,1-trichloroethane	2025/05/16		80	%	60 - 130
			1,1,2,2-tetrachloroethane	2025/05/16		82	%	60 - 130
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/05/16		83	%	60 - 130
			1,1,2-trichloroethane	2025/05/16		80	%	60 - 130
			1,1-dichloroethane	2025/05/16		83	%	60 - 130
			1,1-dichloroethene	2025/05/16		96	%	60 - 130
			1,2,3-trichlorobenzene	2025/05/16		90	%	60 - 130
			1,2,4-trichlorobenzene	2025/05/16		97	%	60 - 130
			1,2-dibromoethane	2025/05/16		82	%	60 - 130
			1,2-dichlorobenzene	2025/05/16		91	%	60 - 130
			1,2-dichloroethane	2025/05/16		83	%	60 - 130
			1,2-dichloropropane	2025/05/16		84	%	60 - 130
			1,3,5-trimethylbenzene	2025/05/16		93	%	60 - 130
			1,3-Butadiene	2025/05/16		57	%	50 - 140
			1,3-dichlorobenzene	2025/05/16		91	%	60 - 130
			1,3-dichloropropane	2025/05/16		80	%	60 - 130
			1,4-dichlorobenzene	2025/05/16		93	%	60 - 130
			Benzene	2025/05/16		88	%	60 - 130
			Bromobenzene	2025/05/16		88	%	60 - 130
			Bromodichloromethane	2025/05/16		82	%	60 - 130
			Bromoform	2025/05/16		82	%	60 - 130
			Bromomethane	2025/05/16		105	%	50 - 140
			Carbon tetrachloride	2025/05/16		84	%	60 - 130
			Chlorobenzene	2025/05/16		82	%	60 - 130
			Dibromochloromethane	2025/05/16		80	%	60 - 130
			Chloroethane	2025/05/16		74	%	50 - 140
			Chloroform	2025/05/16		84	%	60 - 130



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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B950994	NGU	Method Blank	Chloromethane	2025/05/16		86	%	50 - 140
			cis-1,2-dichloroethene	2025/05/16		91	%	60 - 130
			cis-1,3-dichloropropene	2025/05/16		73	%	50 - 140
			Dichlorodifluoromethane	2025/05/16		70	%	50 - 140
			Dichloromethane	2025/05/16		83	%	60 - 130
			Ethylbenzene	2025/05/16		83	%	60 - 130
			Hexachlorobutadiene	2025/05/16		99	%	60 - 130
			Isopropylbenzene	2025/05/16		89	%	60 - 130
			Methyl-tert-butylether (MTBE)	2025/05/16		75	%	60 - 130
			Styrene	2025/05/16		89	%	60 - 130
			Tetrachloroethene	2025/05/16		83	%	60 - 130
			Toluene	2025/05/16		82	%	60 - 130
			trans-1,2-dichloroethene	2025/05/16		93	%	60 - 130
			trans-1,3-dichloropropene	2025/05/16		70	%	50 - 140
			Trichloroethene	2025/05/16		88	%	60 - 130
			Trichlorofluoromethane	2025/05/16		88	%	60 - 130
			Vinyl chloride	2025/05/16		81	%	50 - 140
			m & p-Xylene	2025/05/16		82	%	60 - 130
			o-Xylene	2025/05/16		79	%	60 - 130
			1,4-Difluorobenzene (sur.)	2025/05/16		106	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/05/16		99	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/05/16		92	%	50 - 140
			VH C6-C10	2025/05/16	ND, RDL=300		ug/L	
			1,1,1,2-tetrachloroethane	2025/05/16	ND, RDL=0.50		ug/L	
			1,1,1-trichloroethane	2025/05/16	ND, RDL=0.50		ug/L	
			1,1,2,2-tetrachloroethane	2025/05/16	ND, RDL=0.50		ug/L	
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/05/16	ND, RDL=2.0		ug/L	
			1,1,2-trichloroethane	2025/05/16	ND, RDL=0.50		ug/L	
			1,1-dichloroethane	2025/05/16	ND, RDL=0.50		ug/L	
			1,1-dichloroethene	2025/05/16	ND, RDL=0.50		ug/L	
			1,2,3-trichlorobenzene	2025/05/16	ND, RDL=2.0		ug/L	
			1,2,4-trichlorobenzene	2025/05/16	ND, RDL=2.0		ug/L	
			1,2-dibromoethane	2025/05/16	ND, RDL=0.20		ug/L	
			1,2-dichlorobenzene	2025/05/16	ND, RDL=0.50		ug/L	
			1,2-dichloroethane	2025/05/16	ND, RDL=0.50		ug/L	
			1,2-dichloropropane	2025/05/16	ND, RDL=0.50		ug/L	
			1,3,5-trimethylbenzene	2025/05/16	ND, RDL=2.0		ug/L	
			1,3-Butadiene	2025/05/16	ND, RDL=0.50		ug/L	



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			1,3-dichlorobenzene	2025/05/16	ND, RDL=0.50		ug/L	
			1,3-dichloropropane	2025/05/16	ND, RDL=1.0		ug/L	
			1,4-dichlorobenzene	2025/05/16	ND, RDL=0.50		ug/L	
			Benzene	2025/05/16	ND, RDL=0.40		ug/L	
			Bromobenzene	2025/05/16	ND, RDL=2.0		ug/L	
			Bromodichloromethane	2025/05/16	ND, RDL=1.0		ug/L	
			Bromoform	2025/05/16	ND, RDL=1.0		ug/L	
			Bromomethane	2025/05/16	ND, RDL=1.0		ug/L	
			Carbon tetrachloride	2025/05/16	ND, RDL=0.50		ug/L	
			Chlorobenzene	2025/05/16	ND, RDL=0.50		ug/L	
			Dibromochloromethane	2025/05/16	ND, RDL=1.0		ug/L	
			Chloroethane	2025/05/16	ND, RDL=1.0		ug/L	
			Chloroform	2025/05/16	ND, RDL=1.0		ug/L	
			Chloromethane	2025/05/16	ND, RDL=1.0		ug/L	
			cis-1,2-dichloroethene	2025/05/16	ND, RDL=1.0		ug/L	
			cis-1,3-dichloropropene	2025/05/16	ND, RDL=1.0		ug/L	
			Dichlorodifluoromethane	2025/05/16	ND, RDL=2.0		ug/L	
			Dichloromethane	2025/05/16	ND, RDL=2.0		ug/L	
			Ethylbenzene	2025/05/16	ND, RDL=0.40		ug/L	
			Hexachlorobutadiene	2025/05/16	ND, RDL=0.50		ug/L	
			Isopropylbenzene	2025/05/16	ND, RDL=2.0		ug/L	
			Methyl-tert-butylether (MTBE)	2025/05/16	ND, RDL=4.0		ug/L	
			Styrene	2025/05/16	ND, RDL=0.50		ug/L	
			Tetrachloroethene	2025/05/16	ND, RDL=0.50		ug/L	
			Toluene	2025/05/16	ND, RDL=0.40		ug/L	
			trans-1,2-dichloroethene	2025/05/16	ND, RDL=1.0		ug/L	
			trans-1,3-dichloropropene	2025/05/16	ND, RDL=1.0		ug/L	



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B950994	NGU	RPD	Trichloroethene	2025/05/16	ND, RDL=0.50		ug/L	
			Trichlorofluoromethane	2025/05/16	ND, RDL=4.0		ug/L	
			Vinyl chloride	2025/05/16	ND, RDL=0.50		ug/L	
			m & p-Xylene	2025/05/16	ND, RDL=0.40		ug/L	
			o-Xylene	2025/05/16	ND, RDL=0.40		ug/L	
			Xylenes (Total)	2025/05/16	ND, RDL=0.40		ug/L	
			VH C6-C10	2025/05/16	NC		%	30
			1,1,1,2-tetrachloroethane	2025/05/16	NC		%	30
			1,1,1-trichloroethane	2025/05/16	NC		%	30
			1,1,2,2-tetrachloroethane	2025/05/16	NC		%	30
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/05/16	NC		%	30
			1,1,2-trichloroethane	2025/05/16	NC		%	30
			1,1-dichloroethane	2025/05/16	NC		%	30
			1,1-dichloroethene	2025/05/16	NC		%	30
			1,2,3-trichlorobenzene	2025/05/16	NC		%	30
			1,2,4-trichlorobenzene	2025/05/16	NC		%	30
			1,2-dibromoethane	2025/05/16	NC		%	30
			1,2-dichlorobenzene	2025/05/16	NC		%	30
			1,2-dichloroethane	2025/05/16	NC		%	30
			1,2-dichloropropane	2025/05/16	NC		%	30
			1,3,5-trimethylbenzene	2025/05/16	NC		%	30
			1,3-Butadiene	2025/05/16	NC		%	30
			1,3-dichlorobenzene	2025/05/16	NC		%	30
			1,3-dichloropropane	2025/05/16	NC		%	30
			1,4-dichlorobenzene	2025/05/16	NC		%	30
			Benzene	2025/05/16	NC		%	30
			Bromobenzene	2025/05/16	NC		%	30
			Bromodichloromethane	2025/05/16	NC		%	30
			Bromoform	2025/05/16	NC		%	30
			Bromomethane	2025/05/16	NC		%	30
			Carbon tetrachloride	2025/05/16	NC		%	30
			Chlorobenzene	2025/05/16	NC		%	30
			Dibromochloromethane	2025/05/16	NC		%	30
			Chloroethane	2025/05/16	NC		%	30
			Chloroform	2025/05/16	NC		%	30
			Chloromethane	2025/05/16	NC		%	30
			cis-1,2-dichloroethene	2025/05/16	NC		%	30
			cis-1,3-dichloropropene	2025/05/16	NC		%	30
			Dichlorodifluoromethane	2025/05/16	NC		%	30
			Dichloromethane	2025/05/16	NC		%	30
			Ethylbenzene	2025/05/16	NC		%	30
			Hexachlorobutadiene	2025/05/16	NC		%	30
			Isopropylbenzene	2025/05/16	NC		%	30
			Methyl-tert-butylether (MTBE)	2025/05/16	NC		%	30
			Styrene	2025/05/16	NC		%	30
			Tetrachloroethene	2025/05/16	NC		%	30
			Toluene	2025/05/16	NC		%	30



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Your P.O. #: 4800010213

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B951001	AA1	Matrix Spike [DKY676-07]	trans-1,2-dichloroethene	2025/05/16	NC		%	30
			trans-1,3-dichloropropene	2025/05/16	NC		%	30
			Trichloroethene	2025/05/16	NC		%	30
			Trichlorofluoromethane	2025/05/16	NC		%	30
			Vinyl chloride	2025/05/16	NC		%	30
			m & p-Xylene	2025/05/16	NC		%	30
			o-Xylene	2025/05/16	NC		%	30
			Xylenes (Total)	2025/05/16	NC		%	30
			Dissolved Aluminum (Al)	2025/05/16		96	%	80 - 120
			Dissolved Antimony (Sb)	2025/05/16		98	%	80 - 120
			Dissolved Arsenic (As)	2025/05/16		101	%	80 - 120
			Dissolved Barium (Ba)	2025/05/16		96	%	80 - 120
			Dissolved Beryllium (Be)	2025/05/16		103	%	80 - 120
			Dissolved Bismuth (Bi)	2025/05/16		48 (2)	%	80 - 120
			Dissolved Boron (B)	2025/05/16		94	%	80 - 120
			Dissolved Cadmium (Cd)	2025/05/16		100	%	80 - 120
			Dissolved Cesium (Cs)	2025/05/16		99	%	80 - 120
			Dissolved Chromium (Cr)	2025/05/16		94	%	80 - 120
			Dissolved Cobalt (Co)	2025/05/16		91	%	80 - 120
			Dissolved Copper (Cu)	2025/05/16		90	%	80 - 120
			Dissolved Iron (Fe)	2025/05/16		95	%	80 - 120
			Dissolved Lead (Pb)	2025/05/16		97	%	80 - 120
			Dissolved Lithium (Li)	2025/05/16		97	%	80 - 120
			Dissolved Manganese (Mn)	2025/05/16		95	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/05/16		84	%	80 - 120
			Dissolved Nickel (Ni)	2025/05/16		93	%	80 - 120
			Dissolved Phosphorus (P)	2025/05/16		104	%	80 - 120
			Dissolved Rubidium (Rb)	2025/05/16		98	%	80 - 120
			Dissolved Selenium (Se)	2025/05/16		99	%	80 - 120
			Dissolved Silicon (Si)	2025/05/16		95	%	80 - 120
			Dissolved Silver (Ag)	2025/05/16		93	%	80 - 120
			Dissolved Strontium (Sr)	2025/05/16		98	%	80 - 120
			Dissolved Tellurium (Te)	2025/05/16		107	%	80 - 120
			Dissolved Thallium (Tl)	2025/05/16		96	%	80 - 120
			Dissolved Thorium (Th)	2025/05/16		111	%	80 - 120
			Dissolved Tin (Sn)	2025/05/16		95	%	80 - 120
			Dissolved Titanium (Ti)	2025/05/16		98	%	80 - 120
			Dissolved Uranium (U)	2025/05/16		101	%	80 - 120
			Dissolved Vanadium (V)	2025/05/16		96	%	80 - 120
			Dissolved Zinc (Zn)	2025/05/16		104	%	80 - 120
			Dissolved Zirconium (Zr)	2025/05/16		96	%	80 - 120
B951001	AA1	Spiked Blank	Dissolved Aluminum (Al)	2025/05/16		101	%	80 - 120
			Dissolved Antimony (Sb)	2025/05/16		98	%	80 - 120
			Dissolved Arsenic (As)	2025/05/16		101	%	80 - 120
			Dissolved Barium (Ba)	2025/05/16		98	%	80 - 120
			Dissolved Beryllium (Be)	2025/05/16		99	%	80 - 120
			Dissolved Bismuth (Bi)	2025/05/16		100	%	80 - 120
			Dissolved Boron (B)	2025/05/16		100	%	80 - 120
			Dissolved Cadmium (Cd)	2025/05/16		100	%	80 - 120
			Dissolved Cesium (Cs)	2025/05/16		105	%	80 - 120
			Dissolved Chromium (Cr)	2025/05/16		100	%	80 - 120
			Dissolved Cobalt (Co)	2025/05/16		96	%	80 - 120
			Dissolved Copper (Cu)	2025/05/16		94	%	80 - 120



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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B951001	AA1	Method Blank	Dissolved Iron (Fe)	2025/05/16		100	%	80 - 120
			Dissolved Lead (Pb)	2025/05/16		101	%	80 - 120
			Dissolved Lithium (Li)	2025/05/16		96	%	80 - 120
			Dissolved Manganese (Mn)	2025/05/16		100	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/05/16		102	%	80 - 120
			Dissolved Nickel (Ni)	2025/05/16		98	%	80 - 120
			Dissolved Phosphorus (P)	2025/05/16		103	%	80 - 120
			Dissolved Rubidium (Rb)	2025/05/16		103	%	80 - 120
			Dissolved Selenium (Se)	2025/05/16		100	%	80 - 120
			Dissolved Silicon (Si)	2025/05/16		96	%	80 - 120
			Dissolved Silver (Ag)	2025/05/16		98	%	80 - 120
			Dissolved Strontium (Sr)	2025/05/16		101	%	80 - 120
			Dissolved Tellurium (Te)	2025/05/16		98	%	80 - 120
			Dissolved Thallium (Tl)	2025/05/16		99	%	80 - 120
			Dissolved Thorium (Th)	2025/05/16		113	%	80 - 120
			Dissolved Tin (Sn)	2025/05/16		101	%	80 - 120
			Dissolved Titanium (Ti)	2025/05/16		101	%	80 - 120
			Dissolved Uranium (U)	2025/05/16		102	%	80 - 120
			Dissolved Vanadium (V)	2025/05/16		101	%	80 - 120
			Dissolved Zinc (Zn)	2025/05/16		104	%	80 - 120
			Dissolved Zirconium (Zr)	2025/05/16		98	%	80 - 120
			Dissolved Aluminum (Al)	2025/05/16	ND, RDL=0.50		ug/L	
			Dissolved Antimony (Sb)	2025/05/16	ND, RDL=0.020		ug/L	
			Dissolved Arsenic (As)	2025/05/16	ND, RDL=0.020		ug/L	
			Dissolved Barium (Ba)	2025/05/16	ND, RDL=0.020		ug/L	
			Dissolved Beryllium (Be)	2025/05/16	ND, RDL=0.010		ug/L	
			Dissolved Bismuth (Bi)	2025/05/16	ND, RDL=0.0050		ug/L	
			Dissolved Boron (B)	2025/05/16	ND, RDL=10		ug/L	
			Dissolved Cadmium (Cd)	2025/05/16	ND, RDL=0.0050		ug/L	
			Dissolved Cesium (Cs)	2025/05/16	ND, RDL=0.050		ug/L	
			Dissolved Chromium (Cr)	2025/05/16	ND, RDL=0.10		ug/L	
			Dissolved Cobalt (Co)	2025/05/16	ND, RDL=0.0050		ug/L	
			Dissolved Copper (Cu)	2025/05/16	ND, RDL=0.050		ug/L	
			Dissolved Iron (Fe)	2025/05/16	ND, RDL=1.0		ug/L	
			Dissolved Lead (Pb)	2025/05/16	ND, RDL=0.0050		ug/L	
			Dissolved Lithium (Li)	2025/05/16	ND, RDL=0.50		ug/L	
			Dissolved Manganese (Mn)	2025/05/16	ND, RDL=0.050		ug/L	



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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B951001	AA1	RPD [DKY676-07]	Dissolved Molybdenum (Mo)	2025/05/16	ND, RDL=0.050		ug/L	
			Dissolved Nickel (Ni)	2025/05/16	ND, RDL=0.020		ug/L	
			Dissolved Phosphorus (P)	2025/05/16	ND, RDL=2.0		ug/L	
			Dissolved Rubidium (Rb)	2025/05/16	ND, RDL=0.050		ug/L	
			Dissolved Selenium (Se)	2025/05/16	ND, RDL=0.040		ug/L	
			Dissolved Silicon (Si)	2025/05/16	ND, RDL=50		ug/L	
			Dissolved Silver (Ag)	2025/05/16	ND, RDL=0.0050		ug/L	
			Dissolved Strontium (Sr)	2025/05/16	ND, RDL=0.050		ug/L	
			Dissolved Tellurium (Te)	2025/05/16	ND, RDL=0.020		ug/L	
			Dissolved Thallium (Tl)	2025/05/16	ND, RDL=0.0020		ug/L	
			Dissolved Thorium (Th)	2025/05/16	ND, RDL=0.050		ug/L	
			Dissolved Tin (Sn)	2025/05/16	ND, RDL=0.20		ug/L	
			Dissolved Titanium (Ti)	2025/05/16	ND, RDL=0.50		ug/L	
			Dissolved Uranium (U)	2025/05/16	ND, RDL=0.0020		ug/L	
			Dissolved Vanadium (V)	2025/05/16	ND, RDL=0.20		ug/L	
			Dissolved Zinc (Zn)	2025/05/16	ND, RDL=0.10		ug/L	
			Dissolved Zirconium (Zr)	2025/05/16	ND, RDL=0.10		ug/L	
			Dissolved Aluminum (Al)	2025/05/16	NC		%	20
			Dissolved Antimony (Sb)	2025/05/16	NC		%	20
			Dissolved Arsenic (As)	2025/05/16	NC		%	20
			Dissolved Barium (Ba)	2025/05/16	NC		%	20
			Dissolved Beryllium (Be)	2025/05/16	NC		%	20
			Dissolved Bismuth (Bi)	2025/05/16	NC		%	20
			Dissolved Boron (B)	2025/05/16	NC		%	20
			Dissolved Cadmium (Cd)	2025/05/16	NC		%	20
			Dissolved Cesium (Cs)	2025/05/16	NC		%	20
			Dissolved Chromium (Cr)	2025/05/16	NC		%	20
			Dissolved Cobalt (Co)	2025/05/16	NC		%	20
			Dissolved Copper (Cu)	2025/05/16	NC		%	20
			Dissolved Iron (Fe)	2025/05/16	NC		%	20
			Dissolved Lead (Pb)	2025/05/16	NC		%	20
			Dissolved Lithium (Li)	2025/05/16	NC		%	20
			Dissolved Manganese (Mn)	2025/05/16	NC		%	20
			Dissolved Molybdenum (Mo)	2025/05/16	NC		%	20
			Dissolved Nickel (Ni)	2025/05/16	NC		%	20
			Dissolved Phosphorus (P)	2025/05/16	NC		%	20
			Dissolved Rubidium (Rb)	2025/05/16	NC		%	20



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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B951001	AA1	RPD	Dissolved Selenium (Se)	2025/05/16	NC		%	20
			Dissolved Silicon (Si)	2025/05/16	NC		%	20
			Dissolved Silver (Ag)	2025/05/16	NC		%	20
			Dissolved Strontium (Sr)	2025/05/16	NC		%	20
			Dissolved Tellurium (Te)	2025/05/16	NC		%	20
			Dissolved Thallium (Tl)	2025/05/16	NC		%	20
			Dissolved Thorium (Th)	2025/05/16	NC		%	20
			Dissolved Tin (Sn)	2025/05/16	NC		%	20
			Dissolved Titanium (Ti)	2025/05/16	NC		%	20
			Dissolved Uranium (U)	2025/05/16	NC		%	20
			Dissolved Vanadium (V)	2025/05/16	NC		%	20
			Dissolved Zinc (Zn)	2025/05/16	NC		%	20
			Dissolved Zirconium (Zr)	2025/05/16	NC		%	20
			Dissolved Aluminum (Al)	2025/05/16	NC		%	20
			Dissolved Antimony (Sb)	2025/05/16	NC		%	20
			Dissolved Arsenic (As)	2025/05/16	NC		%	20
			Dissolved Barium (Ba)	2025/05/16	NC		%	20
			Dissolved Beryllium (Be)	2025/05/16	NC		%	20
			Dissolved Bismuth (Bi)	2025/05/16	NC		%	20
			Dissolved Boron (B)	2025/05/16	NC		%	20
			Dissolved Cadmium (Cd)	2025/05/16	NC		%	20
			Dissolved Chromium (Cr)	2025/05/16	NC		%	20
			Dissolved Cobalt (Co)	2025/05/16	NC		%	20
			Dissolved Copper (Cu)	2025/05/16	NC		%	20
			Dissolved Iron (Fe)	2025/05/16	NC		%	20
			Dissolved Lead (Pb)	2025/05/16	NC		%	20
			Dissolved Lithium (Li)	2025/05/16	NC		%	20
			Dissolved Manganese (Mn)	2025/05/16	NC		%	20
			Dissolved Molybdenum (Mo)	2025/05/16	NC		%	20
			Dissolved Nickel (Ni)	2025/05/16	NC		%	20
			Dissolved Phosphorus (P)	2025/05/16	NC		%	20
			Dissolved Selenium (Se)	2025/05/16	NC		%	20
			Dissolved Silicon (Si)	2025/05/16	NC		%	20
			Dissolved Silver (Ag)	2025/05/16	NC		%	20
			Dissolved Strontium (Sr)	2025/05/16	NC		%	20
			Dissolved Thallium (Tl)	2025/05/16	NC		%	20
			Dissolved Tin (Sn)	2025/05/16	NC		%	20
			Dissolved Titanium (Ti)	2025/05/16	NC		%	20
			Dissolved Uranium (U)	2025/05/16	NC		%	20
			Dissolved Vanadium (V)	2025/05/16	NC		%	20
			Dissolved Zinc (Zn)	2025/05/16	3.8		%	20
			Dissolved Zirconium (Zr)	2025/05/16	NC		%	20
B951038	MYO	Matrix Spike	Dissolved Aluminum (Al)	2025/05/17		99	%	80 - 120
			Dissolved Antimony (Sb)	2025/05/17		98	%	80 - 120
			Dissolved Arsenic (As)	2025/05/17		100	%	80 - 120
			Dissolved Barium (Ba)	2025/05/17		99	%	80 - 120
			Dissolved Beryllium (Be)	2025/05/17		101	%	80 - 120
			Dissolved Bismuth (Bi)	2025/05/17		96	%	80 - 120
			Dissolved Boron (B)	2025/05/17		104	%	80 - 120
			Dissolved Cadmium (Cd)	2025/05/17		99	%	80 - 120
			Dissolved Cesium (Cs)	2025/05/17		99	%	80 - 120
			Dissolved Chromium (Cr)	2025/05/17		99	%	80 - 120
			Dissolved Cobalt (Co)	2025/05/17		99	%	80 - 120



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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC		QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
Batch	Init							
B951038	MYO	Spiked Blank	Dissolved Copper (Cu)	2025/05/17		98	%	80 - 120
			Dissolved Iron (Fe)	2025/05/17		99	%	80 - 120
			Dissolved Lead (Pb)	2025/05/17		100	%	80 - 120
			Dissolved Lithium (Li)	2025/05/17		96	%	80 - 120
			Dissolved Manganese (Mn)	2025/05/17		97	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/05/17		99	%	80 - 120
			Dissolved Nickel (Ni)	2025/05/17		99	%	80 - 120
			Dissolved Phosphorus (P)	2025/05/17		102	%	80 - 120
			Dissolved Rubidium (Rb)	2025/05/17		101	%	80 - 120
			Dissolved Selenium (Se)	2025/05/17		99	%	80 - 120
			Dissolved Silicon (Si)	2025/05/17		108	%	80 - 120
			Dissolved Silver (Ag)	2025/05/17		98	%	80 - 120
			Dissolved Strontium (Sr)	2025/05/17		100	%	80 - 120
			Dissolved Tellurium (Te)	2025/05/17		93	%	80 - 120
			Dissolved Thallium (Tl)	2025/05/17		96	%	80 - 120
			Dissolved Thorium (Th)	2025/05/17		101	%	80 - 120
			Dissolved Tin (Sn)	2025/05/17		99	%	80 - 120
			Dissolved Titanium (Ti)	2025/05/17		99	%	80 - 120
			Dissolved Uranium (U)	2025/05/17		102	%	80 - 120
			Dissolved Vanadium (V)	2025/05/17		99	%	80 - 120
			Dissolved Zinc (Zn)	2025/05/17		100	%	80 - 120
			Dissolved Zirconium (Zr)	2025/05/17		98	%	80 - 120
			Dissolved Aluminum (Al)	2025/05/17		99	%	80 - 120
			Dissolved Antimony (Sb)	2025/05/17		97	%	80 - 120
			Dissolved Arsenic (As)	2025/05/17		100	%	80 - 120
			Dissolved Barium (Ba)	2025/05/17		99	%	80 - 120
			Dissolved Beryllium (Be)	2025/05/17		100	%	80 - 120
			Dissolved Bismuth (Bi)	2025/05/17		97	%	80 - 120
			Dissolved Boron (B)	2025/05/17		99	%	80 - 120
			Dissolved Cadmium (Cd)	2025/05/17		98	%	80 - 120
			Dissolved Cesium (Cs)	2025/05/17		99	%	80 - 120
			Dissolved Chromium (Cr)	2025/05/17		100	%	80 - 120
			Dissolved Cobalt (Co)	2025/05/17		99	%	80 - 120
			Dissolved Copper (Cu)	2025/05/17		98	%	80 - 120
			Dissolved Iron (Fe)	2025/05/17		99	%	80 - 120
			Dissolved Lead (Pb)	2025/05/17		99	%	80 - 120
			Dissolved Lithium (Li)	2025/05/17		95	%	80 - 120
			Dissolved Manganese (Mn)	2025/05/17		98	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/05/17		99	%	80 - 120
			Dissolved Nickel (Ni)	2025/05/17		99	%	80 - 120
			Dissolved Phosphorus (P)	2025/05/17		102	%	80 - 120
			Dissolved Rubidium (Rb)	2025/05/17		101	%	80 - 120
			Dissolved Selenium (Se)	2025/05/17		98	%	80 - 120
			Dissolved Silicon (Si)	2025/05/17		111	%	80 - 120
			Dissolved Silver (Ag)	2025/05/17		99	%	80 - 120
			Dissolved Strontium (Sr)	2025/05/17		100	%	80 - 120
			Dissolved Tellurium (Te)	2025/05/17		97	%	80 - 120
			Dissolved Thallium (Tl)	2025/05/17		96	%	80 - 120
Dissolved Thorium (Th)	2025/05/17		99	%	80 - 120			
Dissolved Tin (Sn)	2025/05/17		99	%	80 - 120			
Dissolved Titanium (Ti)	2025/05/17		101	%	80 - 120			
Dissolved Uranium (U)	2025/05/17		104	%	80 - 120			
Dissolved Vanadium (V)	2025/05/17		100	%	80 - 120			



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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B951038	MYO	Method Blank	Dissolved Zinc (Zn)	2025/05/17		101	%	80 - 120
			Dissolved Zirconium (Zr)	2025/05/17		97	%	80 - 120
			Dissolved Aluminum (Al)	2025/05/17	ND, RDL=0.50		ug/L	
			Dissolved Antimony (Sb)	2025/05/17	ND, RDL=0.020		ug/L	
			Dissolved Arsenic (As)	2025/05/17	ND, RDL=0.020		ug/L	
			Dissolved Barium (Ba)	2025/05/17	ND, RDL=0.020		ug/L	
			Dissolved Beryllium (Be)	2025/05/17	ND, RDL=0.010		ug/L	
			Dissolved Bismuth (Bi)	2025/05/17	ND, RDL=0.0050		ug/L	
			Dissolved Boron (B)	2025/05/17	ND, RDL=10		ug/L	
			Dissolved Cadmium (Cd)	2025/05/17	ND, RDL=0.0050		ug/L	
			Dissolved Cesium (Cs)	2025/05/17	ND, RDL=0.050		ug/L	
			Dissolved Chromium (Cr)	2025/05/17	ND, RDL=0.10		ug/L	
			Dissolved Cobalt (Co)	2025/05/17	ND, RDL=0.0050		ug/L	
			Dissolved Copper (Cu)	2025/05/17	ND, RDL=0.050		ug/L	
			Dissolved Iron (Fe)	2025/05/17	ND, RDL=1.0		ug/L	
			Dissolved Lead (Pb)	2025/05/17	ND, RDL=0.0050		ug/L	
			Dissolved Lithium (Li)	2025/05/17	ND, RDL=0.50		ug/L	
			Dissolved Manganese (Mn)	2025/05/17	ND, RDL=0.050		ug/L	
			Dissolved Molybdenum (Mo)	2025/05/17	ND, RDL=0.050		ug/L	
			Dissolved Nickel (Ni)	2025/05/17	ND, RDL=0.020		ug/L	
			Dissolved Phosphorus (P)	2025/05/17	ND, RDL=2.0		ug/L	
			Dissolved Rubidium (Rb)	2025/05/17	ND, RDL=0.050		ug/L	
			Dissolved Selenium (Se)	2025/05/17	ND, RDL=0.040		ug/L	
			Dissolved Silicon (Si)	2025/05/17	ND, RDL=50		ug/L	
			Dissolved Silver (Ag)	2025/05/17	ND, RDL=0.0050		ug/L	
			Dissolved Strontium (Sr)	2025/05/17	ND, RDL=0.050		ug/L	
			Dissolved Tellurium (Te)	2025/05/17	ND, RDL=0.020		ug/L	
			Dissolved Thallium (Tl)	2025/05/17	ND, RDL=0.0020		ug/L	



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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B951038	MYO	RPD	Dissolved Thorium (Th)	2025/05/17	ND, RDL=0.0050		ug/L	
			Dissolved Tin (Sn)	2025/05/17	ND, RDL=0.20		ug/L	
			Dissolved Titanium (Ti)	2025/05/17	ND, RDL=0.50		ug/L	
			Dissolved Uranium (U)	2025/05/17	ND, RDL=0.0020		ug/L	
			Dissolved Vanadium (V)	2025/05/17	ND, RDL=0.20		ug/L	
			Dissolved Zinc (Zn)	2025/05/17	ND, RDL=0.10		ug/L	
			Dissolved Zirconium (Zr)	2025/05/17	ND, RDL=0.10		ug/L	
			Dissolved Aluminum (Al)	2025/05/17	2.7		%	20
			Dissolved Antimony (Sb)	2025/05/17	0		%	20
			Dissolved Arsenic (As)	2025/05/17	15		%	20
			Dissolved Barium (Ba)	2025/05/17	6.0		%	20
			Dissolved Beryllium (Be)	2025/05/17	NC		%	20
			Dissolved Bismuth (Bi)	2025/05/17	NC		%	20
			Dissolved Boron (B)	2025/05/17	NC		%	20
			Dissolved Cadmium (Cd)	2025/05/17	NC		%	20
			Dissolved Chromium (Cr)	2025/05/17	NC		%	20
			Dissolved Cobalt (Co)	2025/05/17	7.4		%	20
			Dissolved Copper (Cu)	2025/05/17	0.40		%	20
			Dissolved Iron (Fe)	2025/05/17	5.6		%	20
			Dissolved Lead (Pb)	2025/05/17	4.2		%	20
			Dissolved Lithium (Li)	2025/05/17	NC		%	20
			Dissolved Manganese (Mn)	2025/05/17	1.8		%	20
			Dissolved Molybdenum (Mo)	2025/05/17	3.2		%	20
			Dissolved Nickel (Ni)	2025/05/17	NC		%	20
			Dissolved Phosphorus (P)	2025/05/17	NC		%	20
			Dissolved Selenium (Se)	2025/05/17	NC		%	20
			Dissolved Silicon (Si)	2025/05/17	0.41		%	20
			Dissolved Silver (Ag)	2025/05/17	NC		%	20
			Dissolved Strontium (Sr)	2025/05/17	2.0		%	20
			Dissolved Thallium (Tl)	2025/05/17	0		%	20
			Dissolved Tin (Sn)	2025/05/17	NC		%	20
			Dissolved Titanium (Ti)	2025/05/17	NC		%	20
			Dissolved Uranium (U)	2025/05/17	1.6		%	20
			Dissolved Vanadium (V)	2025/05/17	3.7		%	20
			Dissolved Zinc (Zn)	2025/05/17	1.7		%	20
			Dissolved Zirconium (Zr)	2025/05/17	NC		%	20
B951264	JAV	Matrix Spike [DKY670-06]	Dissolved Organic Carbon (C)	2025/05/16		106	%	80 - 120
B951264	JAV	Spiked Blank	Dissolved Organic Carbon (C)	2025/05/16		95	%	80 - 120
B951264	JAV	Method Blank	Dissolved Organic Carbon (C)	2025/05/16	ND, RDL=0.50		mg/L	
B951264	JAV	RPD [DKY670-06]	Dissolved Organic Carbon (C)	2025/05/16	1.9		%	20
B951596	CJY	Matrix Spike [DKY676-11]	Dissolved Fluoride (F)	2025/05/17		88	%	80 - 120
B951596	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/05/17		96	%	80 - 120
B951596	CJY	Method Blank	Dissolved Fluoride (F)	2025/05/17	ND, RDL=0.050		mg/L	
B951596	CJY	RPD	Dissolved Fluoride (F)	2025/05/17	2.4		%	20



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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B951911	IC4	Matrix Spike	Dissolved Mercury (Hg)	2025/05/16		103	%	80 - 120
B951911	IC4	Spiked Blank	Dissolved Mercury (Hg)	2025/05/16		98	%	80 - 120
B951911	IC4	Method Blank	Dissolved Mercury (Hg)	2025/05/16	ND, RDL=0.0019		ug/L	
B951911	IC4	RPD	Dissolved Mercury (Hg)	2025/05/16	NC		%	20
B952041	JAV	Matrix Spike	Dissolved Organic Carbon (C)	2025/05/16		101	%	80 - 120
B952041	JAV	Spiked Blank	Dissolved Organic Carbon (C)	2025/05/16		97	%	80 - 120
B952041	JAV	Method Blank	Dissolved Organic Carbon (C)	2025/05/16	ND, RDL=0.50		mg/L	
B952041	JAV	RPD	Dissolved Organic Carbon (C)	2025/05/16	0.22		%	20
B952643	IDV	Matrix Spike [DKY671-05]	Total Sulphide	2025/05/18		116	%	80 - 120
B952643	IDV	Spiked Blank	Total Sulphide	2025/05/18		99	%	80 - 120
B952643	IDV	Method Blank	Total Sulphide	2025/05/18	ND, RDL=0.0018		mg/L	
B952643	IDV	RPD [DKY670-04]	Total Sulphide	2025/05/18	NC		%	20
B953762	BTM	Matrix Spike [DKY675-12]	Total Suspended Solids	2025/05/21		99	%	80 - 120
B953762	BTM	Spiked Blank	Total Suspended Solids	2025/05/21		100	%	80 - 120
B953762	BTM	Method Blank	Total Suspended Solids	2025/05/21	ND, RDL=1.0		mg/L	
B953762	BTM	RPD	Total Suspended Solids	2025/05/21	10		%	20
B953767	BTM	Matrix Spike	Total Suspended Solids	2025/05/21		106	%	80 - 120
B953767	BTM	Spiked Blank	Total Suspended Solids	2025/05/21		100	%	80 - 120
B953767	BTM	Method Blank	Total Suspended Solids	2025/05/21	ND, RDL=1.0		mg/L	
B953767	BTM	RPD	Total Suspended Solids	2025/05/21	11		%	20
B954172	MO5	Matrix Spike [DKY670-02]	Total Hex. Chromium (Cr 6+)	2025/05/20		178 (2)	%	80 - 120
B954172	MO5	Spiked Blank	Total Hex. Chromium (Cr 6+)	2025/05/20		107	%	80 - 120
B954172	MO5	Method Blank	Total Hex. Chromium (Cr 6+)	2025/05/20	ND, RDL=0.00099		mg/L	
B954172	MO5	RPD [DKY670-02]	Total Hex. Chromium (Cr 6+)	2025/05/20	1.3		%	20
B954199	BTM	Matrix Spike	Total Dissolved Solids	2025/05/21		101	%	80 - 120
B954199	BTM	Spiked Blank	Total Dissolved Solids	2025/05/21		99	%	80 - 120
B954199	BTM	Method Blank	Total Dissolved Solids	2025/05/21	ND, RDL=10		mg/L	
B954199	BTM	RPD	Total Dissolved Solids	2025/05/21	4.6		%	20
B954246	TSO	Matrix Spike [DKY675-09]	Total Nitrogen (N)	2025/05/21		104	%	80 - 120
B954246	TSO	Spiked Blank	Total Nitrogen (N)	2025/05/21		103	%	80 - 120
B954246	TSO	Method Blank	Total Nitrogen (N)	2025/05/21	ND, RDL=0.020		mg/L	
B954246	TSO	RPD [DKY675-09]	Total Nitrogen (N)	2025/05/21	NC		%	20
B954341	CJY	Matrix Spike	Dissolved Fluoride (F)	2025/05/20		99	%	80 - 120
B954341	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/05/20		101	%	80 - 120
B954341	CJY	Method Blank	Dissolved Fluoride (F)	2025/05/20	ND, RDL=0.050		mg/L	
B954341	CJY	RPD	Dissolved Fluoride (F)	2025/05/20	0.90		%	20
B954380	ECO	Matrix Spike	Methyl Sulfone (sur.)	2025/05/20		101	%	50 - 140
			Ethylene Glycol	2025/05/20		100	%	60 - 140
			Diethylene Glycol	2025/05/20		120	%	60 - 140
			Triethylene Glycol	2025/05/20		114	%	60 - 140
			Propylene Glycol	2025/05/20		102	%	60 - 140
B954380	ECO	Spiked Blank	Methyl Sulfone (sur.)	2025/05/20		99	%	50 - 140
			Ethylene Glycol	2025/05/20		93	%	70 - 130
			Diethylene Glycol	2025/05/20		111	%	70 - 130



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B954380	ECO	Method Blank	Triethylene Glycol	2025/05/20		106	%	70 - 130
			Propylene Glycol	2025/05/20		95	%	70 - 130
			Methyl Sulfone (sur.)	2025/05/20		103	%	50 - 140
			Ethylene Glycol	2025/05/20	ND, RDL=3.0		mg/L	
			Diethylene Glycol	2025/05/20	ND, RDL=5.0		mg/L	
			Triethylene Glycol	2025/05/20	ND, RDL=5.0		mg/L	
			Propylene Glycol	2025/05/20	ND, RDL=5.0		mg/L	
B954380	ECO	RPD	Ethylene Glycol	2025/05/20	NC		%	30
			Diethylene Glycol	2025/05/20	NC		%	30
			Triethylene Glycol	2025/05/20	NC		%	30
			Propylene Glycol	2025/05/20	NC		%	30
B954516	MDO	Matrix Spike	Phenols	2025/05/20		106	%	80 - 120
B954516	MDO	Spiked Blank	Phenols	2025/05/20		104	%	80 - 120
B954516	MDO	Method Blank	Phenols	2025/05/20	ND, RDL=0.0015		mg/L	
B954516	MDO	RPD	Phenols	2025/05/20	NC		%	20
B954535	CJY	Matrix Spike	Dissolved Fluoride (F)	2025/05/20		97	%	80 - 120
B954535	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/05/20		98	%	80 - 120
B954535	CJY	Method Blank	Dissolved Fluoride (F)	2025/05/20	ND, RDL=0.050		mg/L	
B954535	CJY	RPD [DKY670-01]	Dissolved Fluoride (F)	2025/05/20	17		%	20
B954853	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/05/21		99	%	80 - 120
B954853	CJY	Method Blank	Dissolved Fluoride (F)	2025/05/21	ND, RDL=0.050		mg/L	
B954920	JAV	Matrix Spike [DKY676-09]	Total Organic Carbon (C)	2025/05/21		102	%	80 - 120
B954920	JAV	Spiked Blank	Total Organic Carbon (C)	2025/05/21		99	%	80 - 120
B954920	JAV	Method Blank	Total Organic Carbon (C)	2025/05/21	ND, RDL=0.50		mg/L	
B954920	JAV	RPD [DKY676-09]	Total Organic Carbon (C)	2025/05/21	NC		%	20
B955062	SOM	Matrix Spike	Bromide (Br)	2025/05/21		106	%	78 - 120
B955062	SOM	Spiked Blank	Bromide (Br)	2025/05/21		102	%	80 - 120
B955062	SOM	Method Blank	Bromide (Br)	2025/05/21	ND, RDL=0.010		mg/L	
B955062	SOM	RPD	Bromide (Br)	2025/05/21	0.098		%	20
B955212	JP1	Matrix Spike	D10-ANTHRACENE (sur.)	2025/05/22		103	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/05/22		86	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/05/22		85	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/05/22		103	%	50 - 140
			Quinoline	2025/05/22		119	%	50 - 140
			Naphthalene	2025/05/22		101	%	50 - 140
			1-Methylnaphthalene	2025/05/22		104	%	50 - 140
			2-Methylnaphthalene	2025/05/22		97	%	50 - 140
			Acenaphthylene	2025/05/22		101	%	50 - 140
			Acenaphthene	2025/05/22		100	%	50 - 140
			Fluorene	2025/05/22		98	%	50 - 140
			Phenanthrene	2025/05/22		97	%	50 - 140
			Anthracene	2025/05/22		117	%	50 - 140
			Acridine	2025/05/22		110	%	50 - 140
			Fluoranthene	2025/05/22		108	%	50 - 140



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B955212	JP1	Spiked Blank	Pyrene	2025/05/22		108	%	50 - 140
			Benzo(a)anthracene	2025/05/22		94	%	50 - 140
			Chrysene	2025/05/22		97	%	50 - 140
			Benzo(b&j)fluoranthene	2025/05/22		99	%	50 - 140
			Benzo(k)fluoranthene	2025/05/22		93	%	50 - 140
			Benzo(a)pyrene	2025/05/22		89	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/05/22		85	%	50 - 140
			Dibenz(a,h)anthracene	2025/05/22		82	%	50 - 140
			Benzo(g,h,i)perylene	2025/05/22		90	%	50 - 140
			D10-ANTHRACENE (sur.)	2025/05/22		103	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/05/22		88	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/05/22		82	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/05/22		105	%	50 - 140
			Quinoline	2025/05/22		110	%	50 - 140
			Naphthalene	2025/05/22		93	%	50 - 140
			1-Methylnaphthalene	2025/05/22		95	%	50 - 140
			2-Methylnaphthalene	2025/05/22		88	%	50 - 140
			Acenaphthylene	2025/05/22		94	%	50 - 140
			Acenaphthene	2025/05/22		93	%	50 - 140
			Fluorene	2025/05/22		91	%	50 - 140
			Phenanthrene	2025/05/22		89	%	50 - 140
			Anthracene	2025/05/22		106	%	50 - 140
			Acridine	2025/05/22		102	%	50 - 140
			Fluoranthene	2025/05/22		99	%	50 - 140
			Pyrene	2025/05/22		97	%	50 - 140
			Benzo(a)anthracene	2025/05/22		90	%	50 - 140
			Chrysene	2025/05/22		92	%	50 - 140
			Benzo(b&j)fluoranthene	2025/05/22		95	%	50 - 140
			Benzo(k)fluoranthene	2025/05/22		88	%	50 - 140
			Benzo(a)pyrene	2025/05/22		86	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/05/22		83	%	50 - 140
			Dibenz(a,h)anthracene	2025/05/22		80	%	50 - 140
			Benzo(g,h,i)perylene	2025/05/22		87	%	50 - 140
B955212	JP1	Method Blank	D10-ANTHRACENE (sur.)	2025/05/22		114	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/05/22		91	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/05/22		83	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/05/22		115	%	50 - 140
			Quinoline	2025/05/22	ND, RDL=0.020		ug/L	
			Naphthalene	2025/05/22	ND, RDL=0.10		ug/L	
			1-Methylnaphthalene	2025/05/22	ND, RDL=0.050		ug/L	
			2-Methylnaphthalene	2025/05/22	ND, RDL=0.10		ug/L	
			Acenaphthylene	2025/05/22	ND, RDL=0.050		ug/L	
			Acenaphthene	2025/05/22	ND, RDL=0.050		ug/L	
			Fluorene	2025/05/22	ND, RDL=0.050		ug/L	
			Phenanthrene	2025/05/22	ND, RDL=0.050		ug/L	



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B955212	JP1	RPD	Anthracene	2025/05/22	ND, RDL=0.010		ug/L	
			Acridine	2025/05/22	ND, RDL=0.050		ug/L	
			Fluoranthene	2025/05/22	ND, RDL=0.020		ug/L	
			Pyrene	2025/05/22	ND, RDL=0.020		ug/L	
			Benzo(a)anthracene	2025/05/22	ND, RDL=0.010		ug/L	
			Chrysene	2025/05/22	ND, RDL=0.020		ug/L	
			Benzo(b&j)fluoranthene	2025/05/22	ND, RDL=0.030		ug/L	
			Benzo(k)fluoranthene	2025/05/22	ND, RDL=0.050		ug/L	
			Benzo(a)pyrene	2025/05/22	ND, RDL=0.0050		ug/L	
			Indeno(1,2,3-cd)pyrene	2025/05/22	ND, RDL=0.050		ug/L	
			Dibenz(a,h)anthracene	2025/05/22	ND, RDL=0.0030		ug/L	
			Benzo(g,h,i)perylene	2025/05/22	ND, RDL=0.050		ug/L	
			Quinoline	2025/05/22	NC		%	40
			Naphthalene	2025/05/22	NC		%	40
			1-Methylnaphthalene	2025/05/22	NC		%	40
			2-Methylnaphthalene	2025/05/22	NC		%	40
			Acenaphthylene	2025/05/22	NC		%	40
			Acenaphthene	2025/05/22	NC		%	40
			Fluorene	2025/05/22	NC		%	40
			Phenanthrene	2025/05/22	NC		%	40
B955225	IT1	Matrix Spike	Anthracene	2025/05/22	NC		%	40
			Acridine	2025/05/22	NC		%	40
			Fluoranthene	2025/05/22	NC		%	40
B955225	IT1	Spiked Blank	Pyrene	2025/05/22	NC		%	40
			Benzo(a)anthracene	2025/05/22	NC		%	40
			Chrysene	2025/05/22	NC		%	40
B955225	IT1	Method Blank	Benzo(b&j)fluoranthene	2025/05/22	NC		%	40
			Benzo(k)fluoranthene	2025/05/22	NC		%	40
			Benzo(a)pyrene	2025/05/22	NC		%	40
B955225	IT1	Method Blank	Indeno(1,2,3-cd)pyrene	2025/05/22	NC		%	40
			Dibenz(a,h)anthracene	2025/05/22	NC		%	40
			Benzo(g,h,i)perylene	2025/05/22	NC		%	40
B955225	IT1	Method Blank	O-TERPHENYL (sur.)	2025/05/21		93	%	60 - 140
			EPH (C10-C19)	2025/05/21		NC	%	60 - 140
			EPH (C19-C32)	2025/05/21		117	%	60 - 140
B955225	IT1	Method Blank	O-TERPHENYL (sur.)	2025/05/21		94	%	60 - 140
			EPH (C10-C19)	2025/05/21		97	%	70 - 130
			EPH (C19-C32)	2025/05/21		108	%	70 - 130
B955225	IT1	Method Blank	O-TERPHENYL (sur.)	2025/05/21		93	%	60 - 140
			EPH (C10-C19)	2025/05/21	ND, RDL=0.20		mg/L	



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B955225	IT1	RPD	EPH (C19-C32)	2025/05/21	ND, RDL=0.20		mg/L	
			EPH (C10-C19)	2025/05/21	NC		%	30
			EPH (C19-C32)	2025/05/21	NC		%	30
B956131	IC4	Matrix Spike	Dissolved Mercury (Hg)	2025/05/22		93	%	80 - 120
B956131	IC4	Spiked Blank	Dissolved Mercury (Hg)	2025/05/22		90	%	80 - 120
B956131	IC4	Method Blank	Dissolved Mercury (Hg)	2025/05/22	ND, RDL=0.0019		ug/L	
B956131	IC4	RPD	Dissolved Mercury (Hg)	2025/05/22	NC		%	20
B957659	JAV	Matrix Spike	Dissolved Organic Carbon (C)	2025/05/22		98	%	80 - 120
B957659	JAV	Spiked Blank	Dissolved Organic Carbon (C)	2025/05/22		98	%	80 - 120
B957659	JAV	Method Blank	Dissolved Organic Carbon (C)	2025/05/22	ND, RDL=0.50		mg/L	
B957659	JAV	RPD	Dissolved Organic Carbon (C)	2025/05/22	0.22		%	20
B958085	MYO	Spiked Blank	Total Iron (Fe)	2025/05/22		100	%	80 - 120
			Total Lead (Pb)	2025/05/22		98	%	80 - 120
			Total Phosphorus (P)	2025/05/22		100	%	80 - 120
			Total Iron (Fe)	2025/05/22	ND, RDL=1.0		ug/L	
			Total Lead (Pb)	2025/05/22	ND, RDL=0.0050		ug/L	
B958085	MYO	Method Blank	Total Phosphorus (P)	2025/05/22	ND, RDL=2.0		ug/L	

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).

(1) Method Blank exceeds acceptance limits - 2X RDL acceptable for low level metals determination.

(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.



Bureau Veritas Job #: C543858
Report Date: 2025/05/22

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

David Huang, M.Sc., P.Chem., QP, Scientific Services Manager

Gita Pokhrel, Laboratory Supervisor

Levi Manchak, Project Manager SR

Suwan (Sze Yeung) Fock, B.Sc., Scientific Specialist

Bureau Veritas Certified by Ghayasuddin Khan, M.Sc., P.Chem., QP, Scientific Specialist, Inorganics

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Raphael Kwan, General Manager, BC and Yukon Regions responsible for British Columbia Environmental laboratory operations.

eCOC : W 104554

ADDITIONAL COOLER TEMPERATURE RECORD
CHAIN-OF-CUSTODY RECORD

[illegible][illegible]

RECEIVED BY (SIGN & PRINT)

Dicken work

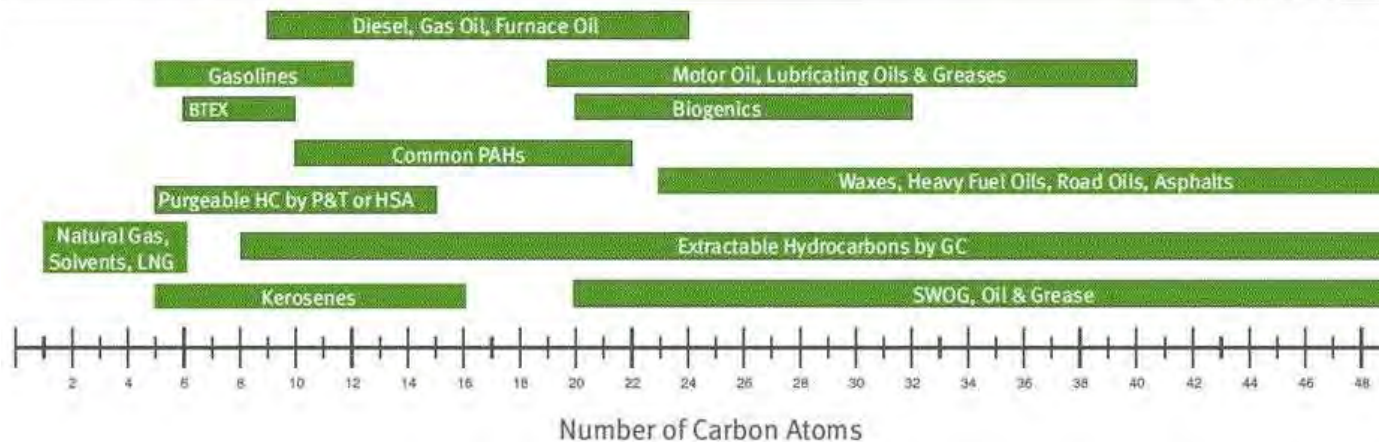
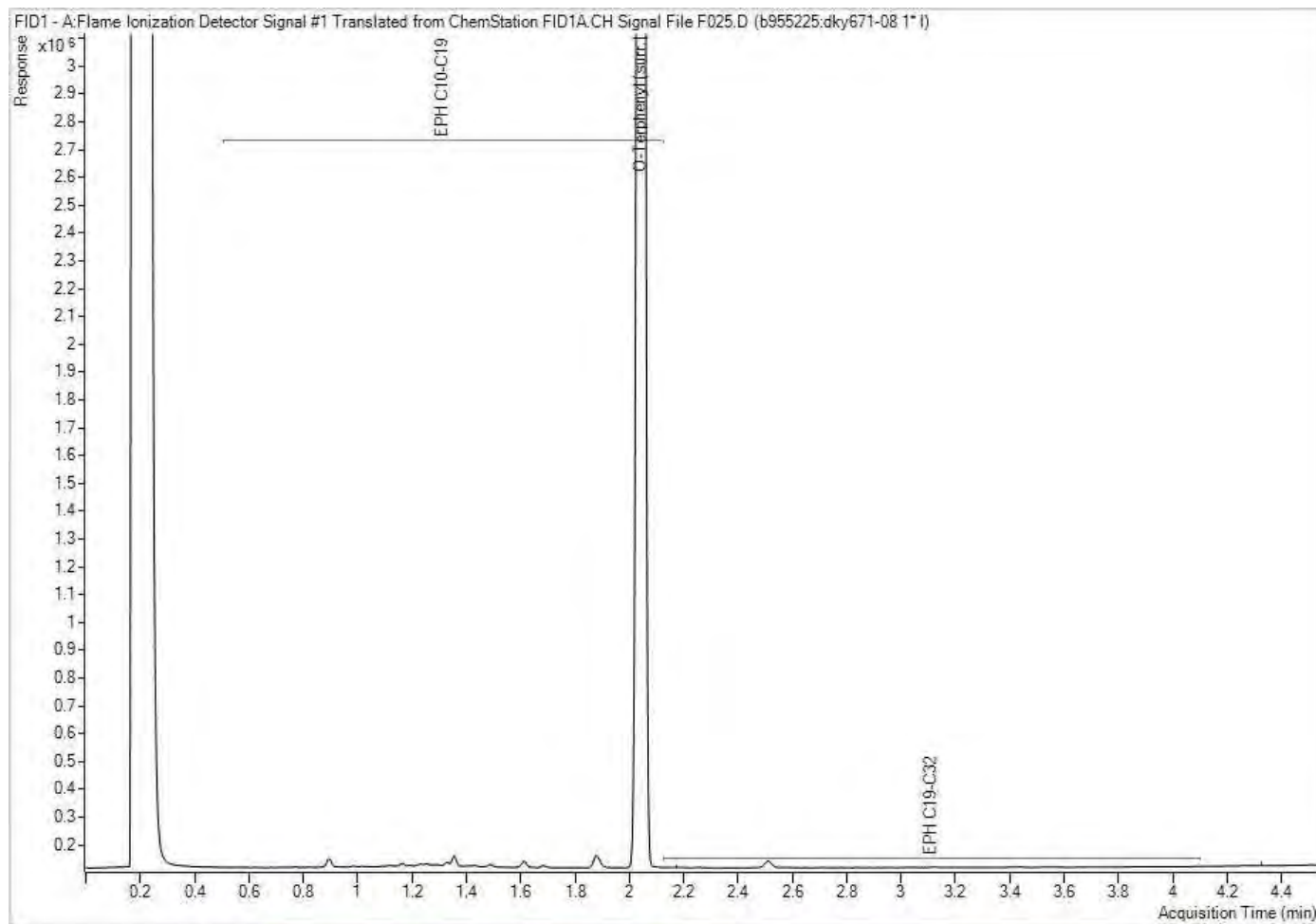
DATE (YYYY/MM/DD) : TIME (HH:MM)

2025/05/13 11:17:18



MVAN-2025-05-957

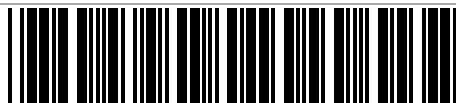
EPH in Water when PAH required Chromatogram



Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.



eCOC: W104554



Project Information: C543858
Job Received: 2025/05/13 17:10
Expected TAT: Standard TAT
Expected Arrival: 2025/05/13 18:00
Submitted By: Arian Farajizadeh
Submitted To: Burnaby ENV: 4606
Canada Way

Invoice Information

Attn: Accounts Payable
Fortis BC Energy Inc
16705 Fraser Hwy
Surrey , BC , V4N 0E8
Email to:
einvoices@fortisbc.com

Report Information

Attn: Jennifer Choyce
HATFIELD CONSULTANTS
200-850 Harbourside Dr
North Vancouver , BC , V7P 0A3
Email to:
jchoyce@hatfieldgroup.com
rmaharaj@hatfieldgroup.com
mwhelly@hatfieldgroup.com

Project Information

Quote #: C50083
PO/AFE#: 4800010213
Project #: Fortis11234/PE-110163
Site Location: Woodfibre Pipeline Project

Analytical Summary

A: Standard TAT

Client Sample ID	Clnt Ref	Sampling Date/Time	Matrix	#Cont			
					Woodfibre 2025	Woodfibre Additional 2025	Set Number
WLNG-DS	1	2025/05/13	WATER	15	A		1
WLNG -EOP	2	2025/05/13	WATER	19	A	A	2
WLNG-US	3	2025/05/13	WATER	15	A		1
SQU-US	4	2025/05/13	WATER	15	A		1
SQU-DS	5	2025/05/13	WATER	15	A		1
Field Blank	6	2025/05/13	WATER	15	A		1
Trip Blank	7	2025/05/13	WATER	15	A		1
Q 01	8	2025/05/13	WATER	15	A		1
Q 02	9	2025/05/13	WATER	15	A		1
Q 03	10	2025/05/13	WATER	15	A		1

Deadlines are estimates only and are subject to change. Please refer to your Job Confirmation report for final due dates.

Submission Information

of Samples: 10



eCOC: W104554



Project Information: C543858
Job Received: 2025/05/13 17:10
Expected TAT: Standard TAT
Expected Arrival: 2025/05/13 18:00
Submitted By: Arian Farajizadeh
Submitted To: Burnaby ENV: 4606
Canada Way

Sample Set Listing

Set 1 (9 samples)	Set 2 (1 sample)
WLNG-DS WLNG-US SQU-US SQU-DS Field Blank Trip Blank Q 01 Q 02 Q 03	WLNG -EOP