Eagle Mountain - Woodfibre Gas Pipeline Project

BCER Waste Discharge Permit Weekly Report

Contents

Preamble....3
Introduction....3
Sampling Methodology....3
Summary-BC Rail Site....5
Site Activities and Exceedances....5
Discharge from Water Treatment Plant....5
Receiving Environment Monitoring-Squamish River....5
Summary-Woodfibre....6
Site Activities and Exceedances....6
Discharge from Water Treatment Plant....6
Receiving Environment Monitoring-East Creek....7

Appendix A: BC Rail Point of Discharge from Water Treatment System Documentation

Appendix B: BC Rail Receiving Environment Documentation

Appendix C: Woodfibre Point of Discharge from Water Treatment System Documentation

Appendix D: Woodfibre Receiving Environment Documentation

Appendix E: Lab Documentation

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.

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.

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

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.

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.
- No discharge occurred during this reporting period.

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- No discharges during this time period							

*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	2025-04-15	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix B.

Table 5: Downstream Monitoring Information

	Date of Lab Sample	Real Time Monitored	Results
Squamish River Downstream	2025-04-15	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. Please note the DO probe on the sonde was not reading from SQU-US 2025-04-15 00:00:00 through to SQU-US 2025-04-19 16:45:00. There was no discharge during this reporting period.

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.

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	2025-04-14	Yes-Appendix C	2,209m^3
Woodfibre	2025-04-15	Yes-Appendix C	2,109m^3
Woodfibre	2025-04-16	Yes-Appendix C	2,219m^3
Woodfibre	2025-04-17	Yes-Appendix C	2,673m^3
Woodfibre	2025-04-18	Yes-Appendix C	2,809m^3
Woodfibre	2025-04-19	Yes-Appendix C	2,913m^3
Woodfibre	2025-04-20	Yes-Appendix C	2,833m^3

*Max discharge is 1500m^3/day

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	2025-04-15	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	2025-04-15	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) at a 60-minute interval. Please note the DO probe on the D/S did not measure at 00:00 on 2025-04-17. The DO measurement was measured at both 2025-04-16 at 23:00 and 2025-04-17 at 01:00. The pH probe on the U/S did not measure at 19:00 on 2025-04-21. The measurement was measured at both 18:00 and 20:00 on 2025-04-21.

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

BCR Site Batch Sample Analysis

No Discharges

BCR Site WTP Discharge Field Notes and Logs
No Discharges

Appendix B: BCR Site Receiving Environment Documentation

BCR 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	**SQU US 2025-04-15 01:45:00**	**SQU DS 2025-04-15 14:12:00**
In situ Parameters									
Field pH	**pH Units**	6.5 - 9			7 - 8.7			**6.1**	**6.5**
Field Temperature	**°C**	18	19					7.5	7.3
General Parameters									
pH	**pH Units**							6.49	6.53
Alkalinity (Total as $CaCO_3$)	**mg/L**							14	14
Alkalinity (PP as $CaCO_3$)	**mg/L**							<1	<1
Hardness ($CaCO_3$)-Total	**mg/L**							16.4	16.5
Hardness ($CaCO_3$)-Dissolved	**mg/L**							17.7	17.9
Sulphide-Total	**mg/L**							<0.0018	<0.0018
Sulphide (as H_2S)	**mg/L**			0.002				<0.002	<0.002
Un-ionized Hydrogen Sulfide as H_2S-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**	1.88	26		29	191		0.042	0.033
Bicarbonate (HCO_3)	**mg/L**							17	18
Carbonate (CO_3)	**mg/L**							<1	<1
Hydroxide (OH)	**mg/L**							<1	<1
Nitrate (N)	**mg/L**	3	32.8		3.7			0.062	0.059
Nitrite (N)	**mg/L**	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	**mg/L**							0.062	0.059
Nitrogen (N)-Total	**mg/L**							0.216	0.187
Phosphorus (P)-Total (4500-P)	**mg/L**							0.017	0.013
Bromide (Br)	**mg/L**							<0.01	<0.01
Chloride (Cl)	**mg/L**	150	600					1.4	1.5
Fluoride (F)	**mg/L**		0.638			1.5		<0.05	<0.05
Sulphate (SO_4)-Dissolved	**mg/L**	128						4.2	4.1
Total Metals									
Aluminum (Al)-Total	**mg/L**	0.020427						**0.0672**	**0.0652**
Antimony (Sb)-Total	**mg/L**	0.074	0.25					<0.00002	<0.00002
Arsenic (As)-Total	**mg/L**	0.005			0.0125			0.000126	0.000126
Barium (Ba)-Total	**mg/L**			1				0.00775	0.00795
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	0.0000083	0.0000089
Calcium (Ca)-Total	**mg/L**							5.51	5.56
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	**0.0018**	**0.0019**
Cobalt (Co)-Total	**mg/L**	0.004	0.11					0.000061	0.000062
Copper (Cu)-Total	**mg/L**				0.002	0.003		0.00067	0.00068
Iron (Fe)-Total	**mg/L**		1					0.157	0.154
Lead (Pb)-Total	**mg/L**				0.002	0.14		0.000021	<0.00002
Lithium (Li)-Total	**mg/L**							0.00092	0.00104
Magnesium (Mg)-Total	**mg/L**							0.64	0.65
Manganese (Mn)-Total	**mg/L**	0.683	0.735				0.1	0.00671	0.00694
Mercury (Hg)-Total	**mg/L**	0.00002			0.00002			<0.0000019	<0.0000019
Molybdenum (Mo)-Total	**mg/L**	7.6	46					0.000503	0.000525
Nickel (Ni)-Total	**mg/L**						0.0083	0.00011	0.00012

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	**SQU US 2025-04-15 01:45:00**	**SQU DS 2025-04-15 14:12:00**
Total Metals (Cont'd.)									
Phosphorus (P)-Total (ICPMS)	**mg/L**							0.019	0.0133
Potassium (K)-Total	**mg/L**							0.52	0.54
Rubidium (Rb)-Total	**mg/L**							0.000812	0.000842
Selenium (Se)-Total	**mg/L**	0.002			0.002			<0.00004	<0.00004
Silicon (Si)-Total	**mg/L**							3.9	3.84
Silver (Ag)-Total	**mg/L**	0.00012				0.0037	0.0005	<0.00001	<0.00001
Sodium (Na)-Total	**mg/L**							2.09	2.18
Strontium (Sr)-Total	**mg/L**							0.0353	0.0365
Sulphur (S)-Total	**mg/L**							<3	<3
Tellurium (Te)-Total	**mg/L**							<0.00002	<0.00002
Thallium (Tl)-Total	**mg/L**			0.00003				0.0000028	0.0000034
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	<0.002
Uranium (U)-Total	**mg/L**		0.0165	0.0075				0.0000311	0.0000348
Vanadium (V)-Total	**mg/L**			0.06			0.005	0.001	0.00087
Zinc (Zn)-Total	**mg/L**				0.01	0.055		0.0018	0.0033
Zirconium (Zr)-Total	**mg/L**							<0.0001	<0.0001
Dissolved Metals									
Aluminum (Al)-Dissolved	**mg/L**							0.0298	0.0301
Antimony (Sb)-Dissolved	**mg/L**							0.000023	<0.00002
Arsenic (As)-Dissolved	**mg/L**							0.000111	0.000109
Barium (Ba)-Dissolved	**mg/L**							0.00724	0.00747
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**	0.000059	0.000099					0.0000069	<0.000005
Calcium (Ca)-Dissolved	**mg/L**							6.05	6.16
Cesium (Cs)-Dissolved	**mg/L**							<0.00005	<0.00005
Chromium (Cr)-Dissolved	**mg/L**							<0.0001	<0.0001
Cobalt (Co)-Dissolved	**mg/L**							0.0000213	0.0000213
Copper (Cu)-Dissolved	**mg/L**	0.0002	0.0002					**0.000562**	**0.000565**
Iron (Fe)-Dissolved	**mg/L**		0.35					0.0861	0.0937
Lead (Pb)-Dissolved	**mg/L**	0.001877						0.0000061	<0.000005
Lithium (Li)-Dissolved	**mg/L**							0.00072	0.00097
Manganese (Mn)-Dissolved	**mg/L**							0.00335	0.00309
Magnesium (Mg)-Dissolved	**mg/L**							0.624	0.614
Mercury (Hg)-Dissolved	**mg/L**							<0.0000019	<0.0000019
Molybdenum (Mo)-Dissolved	**mg/L**							0.000529	0.000507
Nickel (Ni)-Dissolved	**mg/L**	0.0006	0.0092					0.00009	0.000099
Phosphorus (P)-Dissolved	**mg/L**							0.0076	0.0053
Potassium (K)-Dissolved	**mg/L**							0.529	0.541
Rubidium (Rb)-Dissolved	**mg/L**							0.000794	0.000856
Selenium (Se)-Dissolved	**mg/L**							<0.00004	<0.00004
Silicon (Si)-Dissolved	**mg/L**							4.07	4
Silver (Ag)-Dissolved	**mg/L**							<0.000005	<0.000005
Sodium (Na)-Dissolved	**mg/L**							2.14	2.15
Strontium (Sr)-Dissolved	**mg/L**			1.25				0.0352	0.0351
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**							<0.000005	0.0000055

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	**SQU US 2025-04-15 01:45:00**	**SQU DS 2025-04-15 14:12:00**
Dissolved Metals (Cont'd.)									
Tin (Sn)-Dissolved	**mg/L**							<0.0002	<0.0002
Titanium (Ti)-Dissolved	**mg/L**							<0.0005	<0.0005
Uranium (U)-Dissolved	**mg/L**							0.0000266	0.0000265
Vanadium (V)-Dissolved	**mg/L**							0.00087	0.00076
Zinc (Zn)-Dissolved	**mg/L**	0.006241	0.010526					0.00079	0.00069
Zirconium (Zr)-Dissolved	**mg/L**							<0.0001	<0.0001
Inorganics									
Organic Carbon (C)-Total	**mg/L**							1.4	1.4
Organic Carbon (C)-Dissolved	**mg/L**							1.7	1.6
Solids-Total Dissolved	**mg/L**							30	26
Solids-Total Suspended	**mg/L**	6.2	26.2					1.2	2.4

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.
LC50 Lethal concentration of test effluent which results in 50% mortality of test organisms. An LC50 of 100 indicates a pass (no acute mortality).

BCR Site Receiving Environment Field Notes and Logs

Water Quality Field Data Sheet

Project: FORTIS11234

Location Information

Site ID: SQU-US **Date:** 15-04-2025

Site Name: Squamish River **Time:** 13:45

Site UTM: Zone: E: **Crew:** JC WS

(NAD83) N: **Weather:** **Clear** **Sunny** Foggy Cloudy Rain Snow W

In Situ Parameters

pH: 6.1 DO: (mg/L)

Temp.: 7.5 (°C) Cond: 48 (us)

Turbidity: 2.28 NTU

Visible Sheen: Y / **N**

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

Photo Record

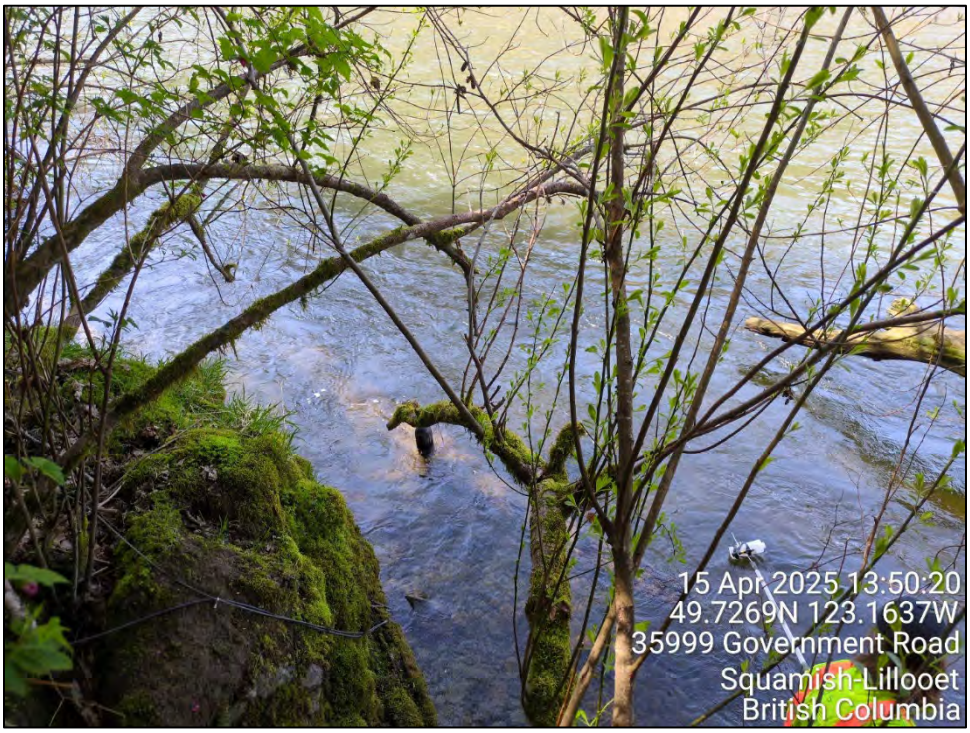
Photo

Photo

Photo

Observations

Figure 1 Squamish River Downstream Sampling Location.



Squamish River						
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-04-15 00:00:00	7.29	47.67	7.19	12.60	1.72
SQU-DS	2025-04-15 00:15:00	7.27	47.69	7.19	12.62	1.73
SQU-DS	2025-04-15 00:30:00	7.25	47.58	7.20	12.62	1.53
SQU-DS	2025-04-15 00:45:00	7.23	47.87	7.19	12.63	1.43
SQU-DS	2025-04-15 01:00:00	7.18	47.44	7.19	12.66	1.53
SQU-DS	2025-04-15 01:15:00	7.13	47.31	7.20	12.69	1.39
SQU-DS	2025-04-15 01:30:00	7.09	47.32	7.19	12.70	1.63
SQU-DS	2025-04-15 01:45:00	7.04	47.41	7.20	12.69	1.67
SQU-DS	2025-04-15 02:00:00	6.99	47.40	7.21	12.74	1.54
SQU-DS	2025-04-15 02:15:00	6.95	47.54	7.20	12.73	1.65
SQU-DS	2025-04-15 02:30:00	6.91	47.36	7.20	12.75	1.55
SQU-DS	2025-04-15 02:45:00	6.85	47.24	7.19	12.77	1.51
SQU-DS	2025-04-15 03:00:00	6.81	47.37	7.20	12.77	1.50
SQU-DS	2025-04-15 03:15:00	6.76	47.24	7.21	12.79	1.39
SQU-DS	2025-04-15 03:30:00	6.70	47.30	7.20	12.80	1.46
SQU-DS	2025-04-15 03:45:00	6.67	47.38	7.20	12.80	1.47
SQU-DS	2025-04-15 04:00:00	6.62	47.20	7.19	12.83	1.41
SQU-DS	2025-04-15 04:15:00	6.57	47.25	7.20	12.84	1.46
SQU-DS	2025-04-15 04:30:00	6.50	47.06	7.21	12.86	1.53
SQU-DS	2025-04-15 04:45:00	6.45	48.90	7.18	12.87	1.45
SQU-DS	2025-04-15 05:00:00	6.39	46.62	7.22	12.91	1.74
SQU-DS	2025-04-15 05:15:00	6.33	46.51	7.24	12.92	1.46
SQU-DS	2025-04-15 05:30:00	6.29	46.60	7.22	12.94	1.26
SQU-DS	2025-04-15 05:45:00	6.22	46.45	7.22	12.96	1.45
SQU-DS	2025-04-15 06:00:00	6.15	46.38	7.25	12.99	1.63
SQU-DS	2025-04-15 06:15:00	6.10	46.29	7.25	13.00	1.61
SQU-DS	2025-04-15 06:30:00	6.04	46.35	7.24	13.02	1.30
SQU-DS	2025-04-15 06:45:00	5.98	46.63	7.24	13.04	1.65
SQU-DS	2025-04-15 07:00:00	5.92	46.69	7.25	13.05	1.35
SQU-DS	2025-04-15 07:15:00	5.89	46.53	7.25	13.08	1.97
SQU-DS	2025-04-15 07:30:00	5.84	46.71	7.25	13.09	1.33
SQU-DS	2025-04-15 07:45:00	5.80	46.55	7.23	13.12	1.55
SQU-DS	2025-04-15 08:00:00	5.76	46.48	7.26	13.15	1.45
SQU-DS	2025-04-15 08:15:00	5.76	46.43	7.26	13.18	1.69
SQU-DS	2025-04-15 08:30:00	5.75	46.84	7.26	13.16	1.47
SQU-DS	2025-04-15 08:45:00	5.77	47.49	7.23	13.17	1.47
SQU-DS	2025-04-15 09:00:00	5.80	47.82	7.26	13.18	1.87
SQU-DS	2025-04-15 09:15:00	5.83	47.96	7.25	13.18	1.72
SQU-DS	2025-04-15 09:30:00	5.88	47.88	7.24	13.19	1.92
SQU-DS	2025-04-15 09:45:00	5.91	47.67	7.26	13.21	1.92
SQU-DS	2025-04-15 10:00:00	5.96	47.59	7.25	13.23	1.61
SQU-DS	2025-04-15 10:15:00	6.02	47.58	7.25	13.23	1.68
SQU-DS	2025-04-15 10:30:00	6.10	47.34	7.25	13.24	1.73
SQU-DS	2025-04-15 10:45:00	6.18	47.28	7.26	13.23	1.55
SQU-DS	2025-04-15 11:00:00	6.24	47.08	7.25	13.25	1.59
SQU-DS	2025-04-15 11:15:00	6.31	46.90	7.23	13.22	1.43
SQU-DS	2025-04-15 11:30:00	6.36	46.85	7.25	13.24	1.62
SQU-DS	2025-04-15 11:45:00	6.42	46.70	7.27	13.25	1.69
SQU-DS	2025-04-15 12:00:00	6.49	46.63	7.26	13.26	1.60
SQU-DS	2025-04-15 12:15:00	6.59	46.77	7.27	13.24	1.81
SQU-DS	2025-04-15 12:30:00	6.68	46.64	7.27	13.22	1.53
SQU-DS	2025-04-15 12:45:00	6.78	46.56	7.27	13.22	1.64
SQU-DS	2025-04-15 13:00:00	6.87	46.62	7.27	13.20	1.46
SQU-DS	2025-04-15 13:15:00	6.98	46.48	7.28	13.19	2.28
SQU-DS	2025-04-15 13:30:00	7.07	46.48	7.27	13.17	1.43

Squamish River						
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-04-15 13:45:00	7.18	46.45	7.29	13.17	1.48
SQU-DS	2025-04-15 14:00:00	7.28	46.47	7.28	13.14	1.52
SQU-DS	2025-04-15 14:15:00	7.38	46.62	7.28	13.12	1.83
SQU-DS	2025-04-15 14:30:00	7.46	46.38	7.28	13.12	1.44
SQU-DS	2025-04-15 14:45:00	7.56	46.52	7.28	13.08	1.81
SQU-DS	2025-04-15 15:00:00	7.62	46.42	7.28	13.08	1.54
SQU-DS	2025-04-15 15:15:00	7.69	46.42	7.28	13.06	1.45
SQU-DS	2025-04-15 15:30:00	7.75	46.28	7.28	13.05	1.43
SQU-DS	2025-04-15 15:45:00	7.82	46.31	7.30	13.02	1.56
SQU-DS	2025-04-15 16:00:00	7.87	46.19	7.28	13.02	1.39
SQU-DS	2025-04-15 16:15:00	7.93	46.24	7.28	12.99	1.63
SQU-DS	2025-04-15 16:30:00	7.96	46.33	7.28	12.98	1.47
SQU-DS	2025-04-15 16:45:00	7.99	46.19	7.27	12.95	1.51
SQU-DS	2025-04-15 17:00:00	7.99	46.14	7.27	12.94	1.48
SQU-DS	2025-04-15 17:15:00	7.98	45.96	7.28	12.95	1.54
SQU-DS	2025-04-15 17:30:00	7.99	46.07	7.28	12.91	1.42
SQU-DS	2025-04-15 17:45:00	7.93	46.11	7.28	12.90	1.51
SQU-DS	2025-04-15 18:00:00	7.89	46.15	7.27	12.88	1.58
SQU-DS	2025-04-15 18:15:00	7.87	46.01	7.28	12.86	1.69
SQU-DS	2025-04-15 18:30:00	7.83	46.27	7.26	12.85	1.66
SQU-DS	2025-04-15 18:45:00	7.79	45.94	7.26	12.84	1.83
SQU-DS	2025-04-15 19:00:00	7.73	45.77	7.26	12.82	1.51
SQU-DS	2025-04-15 19:15:00	7.69	45.36	7.26	12.85	1.41
SQU-DS	2025-04-15 19:30:00	7.64	45.18	7.24	12.85	2.85
SQU-DS	2025-04-15 19:45:00	7.61	45.12	7.26	12.82	1.45
SQU-DS	2025-04-15 20:00:00	7.59	45.14	7.28	12.81	1.46
SQU-DS	2025-04-15 20:15:00	7.56	45.76	7.27	12.78	4.17
SQU-DS	2025-04-15 20:30:00	7.54	45.68	7.29	12.78	1.43
SQU-DS	2025-04-15 20:45:00	7.53	45.91	7.29	12.77	1.52
SQU-DS	2025-04-15 21:00:00	7.48	45.89	7.29	12.75	1.65
SQU-DS	2025-04-15 21:15:00	7.46	46.17	7.30	12.75	1.35
SQU-DS	2025-04-15 21:30:00	7.44	46.14	7.31	12.74	1.36
SQU-DS	2025-04-15 21:45:00	7.45	46.53	7.30	12.71	1.83
SQU-DS	2025-04-15 22:00:00	7.43	46.47	7.30	12.72	1.46
SQU-DS	2025-04-15 22:15:00	7.41	46.22	7.29	12.70	1.31
SQU-DS	2025-04-15 22:30:00	7.43	46.98	7.30	12.70	1.52
SQU-DS	2025-04-15 22:45:00	7.43	47.37	7.29	12.66	1.49
SQU-DS	2025-04-15 23:00:00	7.44	47.54	7.30	12.66	1.73
SQU-DS	2025-04-15 23:15:00	7.41	46.66	7.31	12.67	1.36
SQU-DS	2025-04-15 23:30:00	7.41	47.00	7.31	12.66	1.48
SQU-DS	2025-04-15 23:45:00	7.40	46.89	7.29	12.66	1.46
SQU-DS	2025-04-16 00:00:00	7.38	46.64	7.30	12.66	1.50
SQU-DS	2025-04-16 00:15:00	7.36	46.50	7.30	12.67	2.00
SQU-DS	2025-04-16 00:30:00	7.34	46.53	7.31	12.67	1.84
SQU-DS	2025-04-16 00:45:00	7.30	46.29	7.30	12.68	1.73
SQU-DS	2025-04-16 01:00:00	7.27	46.05	7.29	12.68	1.61
SQU-DS	2025-04-16 01:15:00	7.23	46.02	7.29	12.69	1.74
SQU-DS	2025-04-16 01:30:00	7.18	45.74	7.28	12.70	1.78
SQU-DS	2025-04-16 01:45:00	7.12	45.61	7.29	12.71	1.79
SQU-DS	2025-04-16 02:00:00	7.06	45.55	7.28	12.74	1.66
SQU-DS	2025-04-16 02:15:00	6.99	45.50	7.29	12.76	1.61
SQU-DS	2025-04-16 02:30:00	6.93	45.14	7.30	12.78	1.70
SQU-DS	2025-04-16 02:45:00	6.87	44.89	7.28	12.80	1.59
SQU-DS	2025-04-16 03:00:00	6.81	44.89	7.27	12.82	1.70
SQU-DS	2025-04-16 03:15:00	6.75	44.70	7.28	12.81	1.93

Squamish River						
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-04-16 03:30:00	6.67	44.59	7.28	12.87	1.69
SQU-DS	2025-04-16 03:45:00	6.59	44.35	7.28	12.89	1.65
SQU-DS	2025-04-16 04:00:00	6.54	44.10	7.28	12.92	1.54
SQU-DS	2025-04-16 04:15:00	6.44	43.95	7.28	12.94	1.93
SQU-DS	2025-04-16 04:30:00	6.38	43.91	7.30	12.95	1.88
SQU-DS	2025-04-16 04:45:00	6.30	43.75	7.29	13.01	1.76
SQU-DS	2025-04-16 05:00:00	6.24	43.50	7.29	13.01	1.88
SQU-DS	2025-04-16 05:15:00	6.16	43.41	7.30	13.04	2.43
SQU-DS	2025-04-16 05:30:00	6.09	43.32	7.32	13.08	1.87
SQU-DS	2025-04-16 05:45:00	6.02	43.12	7.32	13.08	1.93
SQU-DS	2025-04-16 06:00:00	5.95	43.03	7.33	13.12	1.95
SQU-DS	2025-04-16 06:15:00	5.88	42.98	7.33	13.15	1.93
SQU-DS	2025-04-16 06:30:00	5.79	42.88	7.33	13.19	2.16
SQU-DS	2025-04-16 06:45:00	5.74	42.75	7.32	13.22	1.79
SQU-DS	2025-04-16 07:00:00	5.68	42.72	7.33	13.23	2.62
SQU-DS	2025-04-16 07:15:00	5.61	42.63	7.33	13.27	1.90
SQU-DS	2025-04-16 07:30:00	5.56	42.59	7.34	13.28	2.53
SQU-DS	2025-04-16 07:45:00	5.53	42.88	7.33	13.30	2.31
SQU-DS	2025-04-16 08:00:00	5.49	42.77	7.34	13.34	2.50
SQU-DS	2025-04-16 08:15:00	5.47	42.87	7.33	13.34	2.50
SQU-DS	2025-04-16 08:30:00	5.47	42.87	7.35	13.36	3.16
SQU-DS	2025-04-16 08:45:00	5.49	43.64	7.33	13.35	2.84
SQU-DS	2025-04-16 09:00:00	5.53	43.82	7.34	13.34	3.03
SQU-DS	2025-04-16 09:15:00	5.56	43.61	7.33	13.35	2.28
SQU-DS	2025-04-16 09:30:00	5.60	43.46	7.35	13.38	3.73
SQU-DS	2025-04-16 09:45:00	5.65	43.59	7.34	13.38	2.74
SQU-DS	2025-04-16 10:00:00	5.70	43.23	7.33	13.40	2.84
SQU-DS	2025-04-16 10:15:00	5.77	43.23	7.35	13.41	20.97
SQU-DS	2025-04-16 10:30:00	5.84	43.04	7.34	13.42	2.87
SQU-DS	2025-04-16 10:45:00	5.91	42.71	7.33	13.41	3.13
SQU-DS	2025-04-16 11:00:00	5.98	42.95	7.35	13.43	2.78
SQU-DS	2025-04-16 11:15:00	6.06	42.78	7.33	13.43	2.32
SQU-DS	2025-04-16 11:30:00	6.14	42.34	7.37	13.43	2.20
SQU-DS	2025-04-16 11:45:00	6.22	42.50	7.36	13.41	2.33
SQU-DS	2025-04-16 12:00:00	6.32	42.50	7.35	13.39	2.54
SQU-DS	2025-04-16 12:15:00	6.39	42.41	7.36	13.41	2.62
SQU-DS	2025-04-16 12:30:00	6.47	42.12	7.35	13.43	2.62
SQU-DS	2025-04-16 12:45:00	6.55	42.11	7.36	13.40	2.41
SQU-DS	2025-04-16 13:00:00	6.64	42.16	7.36	13.38	2.59
SQU-DS	2025-04-16 13:15:00	6.71	41.99	7.36	13.37	2.55
SQU-DS	2025-04-16 13:30:00	6.80	42.19	7.36	13.37	3.16
SQU-DS	2025-04-16 13:45:00	6.89	41.98	7.36	13.34	2.13
SQU-DS	2025-04-16 14:00:00	6.97	41.92	7.37	13.34	2.43
SQU-DS	2025-04-16 14:15:00	7.05	41.79	7.36	13.31	2.12
SQU-DS	2025-04-16 14:30:00	7.13	41.93	7.36	13.31	2.76
SQU-DS	2025-04-16 14:45:00	7.19	41.79	7.37	13.29	2.41
SQU-DS	2025-04-16 15:00:00	7.27	41.67	7.35	13.26	2.22
SQU-DS	2025-04-16 15:15:00	7.35	41.63	7.37	13.24	2.57
SQU-DS	2025-04-16 15:30:00	7.41	41.80	7.37	13.22	2.09
SQU-DS	2025-04-16 15:45:00	7.45	41.67	7.37	13.21	2.25
SQU-DS	2025-04-16 16:00:00	7.51	41.86	7.37	13.20	2.12
SQU-DS	2025-04-16 16:15:00	7.54	41.57	7.37	13.17	2.72
SQU-DS	2025-04-16 16:30:00	7.57	41.75	7.37	13.15	2.38
SQU-DS	2025-04-16 16:45:00	7.60	41.71	7.37	13.15	2.74
SQU-DS	2025-04-16 17:00:00	7.61	41.79	7.35	13.12	2.35

Squamish River						
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-04-16 17:15:00	7.61	41.73	7.36	13.12	2.88
SQU-DS	2025-04-16 17:30:00	7.62	41.86	7.37	13.11	2.46
SQU-DS	2025-04-16 17:45:00	7.55	41.87	7.35	13.07	2.06
SQU-DS	2025-04-16 18:00:00	7.52	41.92	7.37	13.07	2.34
SQU-DS	2025-04-16 18:15:00	7.51	41.89	7.34	13.04	2.11
SQU-DS	2025-04-16 18:30:00	7.48	41.92	7.35	13.04	2.48
SQU-DS	2025-04-16 18:45:00	7.44	41.98	7.36	13.01	1.96
SQU-DS	2025-04-16 19:00:00	7.39	41.96	7.35	13.00	2.01
SQU-DS	2025-04-16 19:15:00	7.34	41.95	7.35	12.99	2.46
SQU-DS	2025-04-16 19:30:00	7.30	41.96	7.34	12.98	2.02
SQU-DS	2025-04-16 19:45:00	7.27	41.97	7.33	12.99	2.15
SQU-DS	2025-04-16 20:00:00	7.25	41.85	7.35	12.97	2.01
SQU-DS	2025-04-16 20:15:00	7.22	41.92	7.34	12.96	1.72
SQU-DS	2025-04-16 20:30:00	7.18	42.02	7.35	12.96	1.82
SQU-DS	2025-04-16 20:45:00	7.16	41.93	7.32	12.94	1.75
SQU-DS	2025-04-16 21:00:00	7.15	42.01	7.35	12.94	2.01
SQU-DS	2025-04-16 21:15:00	7.12	42.05	7.36	12.92	2.05
SQU-DS	2025-04-16 21:30:00	7.10	42.18	7.36	12.92	1.49
SQU-DS	2025-04-16 21:45:00	7.07	42.01	7.36	12.91	2.19
SQU-DS	2025-04-16 22:00:00	7.03	41.81	7.27	12.92	1.86
SQU-DS	2025-04-16 22:15:00	6.99	41.76	7.30	12.93	2.13
SQU-DS	2025-04-16 22:30:00	6.98	41.85	7.34	12.92	2.13
SQU-DS	2025-04-16 22:45:00	6.97	42.36	7.37	12.90	1.98
SQU-DS	2025-04-16 23:00:00	6.96	43.26	7.23	12.90	1.80
SQU-DS	2025-04-16 23:15:00	6.94	43.43	7.35	12.88	2.19
SQU-DS	2025-04-16 23:30:00	6.90	43.46	7.35	12.89	1.85
SQU-DS	2025-04-16 23:45:00	6.87	43.46	7.34	12.88	2.03
SQU-DS	2025-04-17 00:00:00	6.82	43.47	7.34	12.90	1.84
SQU-DS	2025-04-17 00:15:00	6.78	43.17	7.34	12.90	2.71
SQU-DS	2025-04-17 00:30:00	6.71	43.28	7.35	12.91	2.34
SQU-DS	2025-04-17 00:45:00	6.69	43.73	7.31	12.91	2.35
SQU-DS	2025-04-17 01:00:00	6.63	43.33	7.35	12.93	2.53
SQU-DS	2025-04-17 01:15:00	6.58	43.41	7.33	12.95	2.56
SQU-DS	2025-04-17 01:30:00	6.52	43.28	7.34	12.96	2.14
SQU-DS	2025-04-17 01:45:00	6.45	43.18	7.33	12.96	2.93
SQU-DS	2025-04-17 02:00:00	6.41	43.09	7.34	12.99	6.36
SQU-DS	2025-04-17 02:15:00	6.33	43.17	7.33	13.01	2.63
SQU-DS	2025-04-17 02:30:00	6.25	43.10	7.32	13.01	2.28
SQU-DS	2025-04-17 02:45:00	6.18	43.14	7.32	13.03	3.38
SQU-DS	2025-04-17 03:00:00	6.12	43.11	7.32	13.05	3.27
SQU-DS	2025-04-17 03:15:00	6.06	43.35	7.33	13.09	2.60
SQU-DS	2025-04-17 03:30:00	6.00	43.04	7.32	13.07	2.56
SQU-DS	2025-04-17 03:45:00	5.93	42.87	7.32	13.11	2.23
SQU-DS	2025-04-17 04:00:00	5.87	42.83	7.32	13.13	2.23
SQU-DS	2025-04-17 04:15:00	5.80	42.87	7.33	13.15	2.62
SQU-DS	2025-04-17 04:30:00	5.74	42.95	7.34	13.18	2.70
SQU-DS	2025-04-17 04:45:00	5.70	42.78	7.32	13.20	2.67
SQU-DS	2025-04-17 05:00:00	5.60	42.74	7.32	13.21	2.33
SQU-DS	2025-04-17 05:15:00	5.56	42.68	7.33	13.23	2.55
SQU-DS	2025-04-17 05:30:00	5.48	42.64	7.33	13.27	2.71
SQU-DS	2025-04-17 05:45:00	5.43	42.62	7.32	13.29	2.19
SQU-DS	2025-04-17 06:00:00	5.36	42.66	7.33	13.30	2.23
SQU-DS	2025-04-17 06:15:00	5.30	42.58	7.33	13.32	2.57
SQU-DS	2025-04-17 06:30:00	5.24	42.65	7.34	13.35	1.86
SQU-DS	2025-04-17 06:45:00	5.18	42.59	7.31	13.38	2.38

Squamish River						
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-04-17 07:00:00	5.12	42.60	7.33	13.40	2.13
SQU-DS	2025-04-17 07:15:00	5.08	42.57	7.33	13.41	2.11
SQU-DS	2025-04-17 07:30:00	5.03	42.55	7.33	13.44	1.78
SQU-DS	2025-04-17 07:45:00	5.01	42.64	7.34	13.49	2.36
SQU-DS	2025-04-17 08:00:00	4.98	42.73	7.33	13.50	2.09
SQU-DS	2025-04-17 08:15:00	4.98	42.94	7.34	13.51	1.90
SQU-DS	2025-04-17 08:30:00	4.97	43.22	7.35	13.51	1.93
SQU-DS	2025-04-17 08:45:00	4.99	43.14	7.35	13.54	1.90
SQU-DS	2025-04-17 09:00:00	5.01	43.61	7.35	13.53	1.89
SQU-DS	2025-04-17 09:15:00	5.05	43.92	7.34	13.56	1.65
SQU-DS	2025-04-17 09:30:00	5.14	44.47	7.35	13.53	2.45
SQU-DS	2025-04-17 09:45:00	5.20	44.44	7.35	13.54	2.21
SQU-DS	2025-04-17 10:00:00	5.27	44.39	7.35	13.52	2.42
SQU-DS	2025-04-17 10:15:00	5.35	44.46	7.34	13.53	1.85
SQU-DS	2025-04-17 10:30:00	5.43	44.41	7.35	13.54	1.89
SQU-DS	2025-04-17 10:45:00	5.51	44.37	7.35	13.53	1.82
SQU-DS	2025-04-17 11:00:00	5.60	44.34	7.34	13.51	1.94
SQU-DS	2025-04-17 11:15:00	5.69	44.14	7.35	13.52	1.92
SQU-DS	2025-04-17 11:30:00	5.77	44.16	7.35	13.52	1.77
SQU-DS	2025-04-17 11:45:00	5.86	43.95	7.34	13.51	1.94
SQU-DS	2025-04-17 12:00:00	5.96	44.01	7.35	13.51	2.13
SQU-DS	2025-04-17 12:15:00	6.06	43.83	7.36	13.50	2.05
SQU-DS	2025-04-17 12:30:00	6.16	43.73	7.36	13.48	1.85
SQU-DS	2025-04-17 12:45:00	6.22	43.86	7.35	13.48	1.87
SQU-DS	2025-04-17 13:00:00	6.30	43.90	7.36	13.45	2.07
SQU-DS	2025-04-17 13:15:00	6.38	43.83	7.36	13.44	1.94
SQU-DS	2025-04-17 13:30:00	6.48	43.87	7.37	13.43	1.64
SQU-DS	2025-04-17 13:45:00	6.56	43.96	7.35	13.40	2.21
SQU-DS	2025-04-17 14:00:00	6.65	43.86	7.37	13.40	1.87
SQU-DS	2025-04-17 14:15:00	6.75	43.82	7.37	13.39	1.86
SQU-DS	2025-04-17 14:30:00	6.84	43.88	7.37	13.36	2.03
SQU-DS	2025-04-17 14:45:00	6.94	44.03	7.37	13.33	2.47
SQU-DS	2025-04-17 15:00:00	7.02	44.10	7.37	13.31	2.78
SQU-DS	2025-04-17 15:15:00	7.11	44.20	7.35	13.29	2.29
SQU-DS	2025-04-17 15:30:00	7.18	44.02	7.36	13.29	2.25
SQU-DS	2025-04-17 15:45:00	7.25	44.11	7.36	13.27	2.64
SQU-DS	2025-04-17 16:00:00	7.32	43.99	7.36	13.23	2.40
SQU-DS	2025-04-17 16:15:00	7.38	44.28	7.38	13.21	2.43
SQU-DS	2025-04-17 16:30:00	7.42	44.13	7.38	13.20	2.47
SQU-DS	2025-04-17 16:45:00	7.44	44.12	7.37	13.20	2.56
SQU-DS	2025-04-17 17:00:00	7.47	44.21	7.37	13.16	2.42
SQU-DS	2025-04-17 17:15:00	7.50	44.17	7.38	13.15	2.29
SQU-DS	2025-04-17 17:30:00	7.50	44.21	7.37	13.13	2.41
SQU-DS	2025-04-17 17:45:00	7.44	44.35	7.36	13.10	1.99
SQU-DS	2025-04-17 18:00:00	7.40	44.37	7.37	13.08	1.88
SQU-DS	2025-04-17 18:15:00	7.40	44.32	7.37	13.07	1.76
SQU-DS	2025-04-17 18:30:00	7.37	44.37	7.38	13.05	1.84
SQU-DS	2025-04-17 18:45:00	7.34	44.56	7.37	13.03	2.10
SQU-DS	2025-04-17 19:00:00	7.28	44.43	7.35	13.03	1.82
SQU-DS	2025-04-17 19:15:00	7.25	44.59	7.36	13.01	1.97
SQU-DS	2025-04-17 19:30:00	7.22	44.48	7.35	12.99	1.64
SQU-DS	2025-04-17 19:45:00	7.21	44.70	7.34	12.96	1.75
SQU-DS	2025-04-17 20:00:00	7.18	44.59	7.36	12.96	2.02
SQU-DS	2025-04-17 20:15:00	7.17	44.48	7.37	12.94	1.80
SQU-DS	2025-04-17 20:30:00	7.13	44.38	7.33	12.94	1.74

Squamish River						
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-04-17 20:45:00	7.13	44.10	7.34	12.92	1.89
SQU-DS	2025-04-17 21:00:00	7.12	43.83	7.35	12.93	2.01
SQU-DS	2025-04-17 21:15:00	7.10	43.93	7.36	12.93	1.80
SQU-DS	2025-04-17 21:30:00	7.09	44.14	7.36	12.90	1.73
SQU-DS	2025-04-17 21:45:00	7.07	44.49	7.31	12.88	1.67
SQU-DS	2025-04-17 22:00:00	7.07	44.80	7.34	12.86	1.64
SQU-DS	2025-04-17 22:15:00	7.06	44.73	7.35	12.86	1.72
SQU-DS	2025-04-17 22:30:00	7.04	44.88	7.33	12.86	1.83
SQU-DS	2025-04-17 22:45:00	7.03	44.92	7.36	12.86	1.51
SQU-DS	2025-04-17 23:00:00	7.02	45.37	7.36	12.84	1.81
SQU-DS	2025-04-17 23:15:00	6.99	45.25	7.36	12.84	1.53
SQU-DS	2025-04-17 23:30:00	6.97	45.03	7.36	12.86	2.18
SQU-DS	2025-04-17 23:45:00	6.96	45.35	7.36	12.82	1.68
SQU-DS	2025-04-18 00:00:00	6.94	45.16	7.36	12.83	1.73
SQU-DS	2025-04-18 00:15:00	6.92	45.60	7.36	12.83	1.59
SQU-DS	2025-04-18 00:30:00	6.89	45.56	7.37	12.83	1.67
SQU-DS	2025-04-18 00:45:00	6.86	45.42	7.37	12.83	1.80
SQU-DS	2025-04-18 01:00:00	6.84	45.60	7.37	12.83	1.55
SQU-DS	2025-04-18 01:15:00	6.80	45.99	7.37	12.84	2.11
SQU-DS	2025-04-18 01:30:00	6.77	45.74	7.34	12.84	1.98
SQU-DS	2025-04-18 01:45:00	6.72	45.93	7.35	12.84	1.78
SQU-DS	2025-04-18 02:00:00	6.69	45.92	7.34	12.84	1.85
SQU-DS	2025-04-18 02:15:00	6.63	45.80	7.36	12.86	1.90
SQU-DS	2025-04-18 02:30:00	6.60	45.84	7.35	12.87	1.80
SQU-DS	2025-04-18 02:45:00	6.54	45.79	7.34	12.87	1.95
SQU-DS	2025-04-18 03:00:00	6.48	45.63	7.35	12.91	2.13
SQU-DS	2025-04-18 03:15:00	6.41	45.56	7.35	12.92	1.91
SQU-DS	2025-04-18 03:30:00	6.39	45.49	7.34	12.93	1.81
SQU-DS	2025-04-18 03:45:00	6.31	45.40	7.34	12.94	1.99
SQU-DS	2025-04-18 04:00:00	6.26	45.23	7.34	12.96	1.97
SQU-DS	2025-04-18 04:15:00	6.22	45.39	7.35	12.97	2.11
SQU-DS	2025-04-18 04:30:00	6.16	45.17	7.34	12.97	1.92
SQU-DS	2025-04-18 04:45:00	6.11	45.16	7.33	13.00	1.81
SQU-DS	2025-04-18 05:00:00	6.05	44.98	7.34	13.03	2.11
SQU-DS	2025-04-18 05:15:00	6.00	45.07	7.33	13.04	1.87
SQU-DS	2025-04-18 05:30:00	5.94	44.81	7.34	13.06	2.04
SQU-DS	2025-04-18 05:45:00	5.89	45.01	7.33	13.08	2.13
SQU-DS	2025-04-18 06:00:00	5.83	44.84	7.35	13.11	2.02
SQU-DS	2025-04-18 06:15:00	5.77	44.76	7.34	13.12	2.03
SQU-DS	2025-04-18 06:30:00	5.72	44.69	7.34	13.06	1.80
SQU-DS	2025-04-18 06:45:00	5.67	44.72	7.34	13.16	1.74
SQU-DS	2025-04-18 07:00:00	5.61	44.67	7.34	13.18	1.69
SQU-DS	2025-04-18 07:15:00	5.57	44.73	7.34	13.21	1.94
SQU-DS	2025-04-18 07:30:00	5.53	44.61	7.34	13.23	1.60
SQU-DS	2025-04-18 07:45:00	5.51	44.61	7.29	13.26	2.14
SQU-DS	2025-04-18 08:00:00	5.48	44.54	7.35	13.29	1.71
SQU-DS	2025-04-18 08:15:00	5.45	44.48	7.35	13.34	1.51
SQU-DS	2025-04-18 08:30:00	5.44	44.56	7.36	13.35	1.78
SQU-DS	2025-04-18 08:45:00	5.49	45.06	7.34	13.33	1.75
SQU-DS	2025-04-18 09:00:00	5.60	45.12	7.35	13.27	1.78
SQU-DS	2025-04-18 09:15:00	5.72	44.76	7.35	13.26	1.75
SQU-DS	2025-04-18 09:30:00	5.68	44.88	7.36	13.29	2.18
SQU-DS	2025-04-18 09:45:00	5.72	45.38	7.36	13.31	2.61
SQU-DS	2025-04-18 10:00:00	5.83	45.24	7.36	13.31	2.79
SQU-DS	2025-04-18 10:15:00	5.93	45.50	7.35	13.32	2.69

Squamish River						
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-04-18 10:30:00	6.02	45.78	7.37	13.37	3.04
SQU-DS	2025-04-18 10:45:00	6.12	45.77	7.37	13.40	2.53
SQU-DS	2025-04-18 11:00:00	6.20	45.72	7.36	13.40	3.33
SQU-DS	2025-04-18 11:15:00	6.25	45.34	7.38	13.42	3.99
SQU-DS	2025-04-18 11:30:00	6.30	45.10	7.37	13.42	4.39
SQU-DS	2025-04-18 11:45:00	6.37	44.99	7.38	13.42	5.74
SQU-DS	2025-04-18 12:00:00	6.45	44.99	7.37	13.40	6.89
SQU-DS	2025-04-18 12:15:00	6.53	45.00	7.38	13.40	7.02
SQU-DS	2025-04-18 12:30:00	6.63	45.05	7.38	13.38	4.77
SQU-DS	2025-04-18 12:45:00	6.72	45.26	7.37	13.37	6.90
SQU-DS	2025-04-18 13:00:00	6.82	45.07	7.38	13.35	3.05
SQU-DS	2025-04-18 13:15:00	6.91	45.09	7.38	13.33	3.80
SQU-DS	2025-04-18 13:30:00	6.98	44.93	7.38	13.31	2.17
SQU-DS	2025-04-18 13:45:00	7.06	44.89	7.38	13.30	3.14
SQU-DS	2025-04-18 14:00:00	7.15	44.79	7.38	13.27	3.19
SQU-DS	2025-04-18 14:15:00	7.25	44.99	7.40	13.25	2.35
SQU-DS	2025-04-18 14:30:00	7.35	44.84	7.39	13.22	2.15
SQU-DS	2025-04-18 14:45:00	7.45	44.93	7.39	13.21	2.54
SQU-DS	2025-04-18 15:00:00	7.54	44.80	7.39	13.18	1.87
SQU-DS	2025-04-18 15:15:00	7.62	44.87	7.39	13.18	1.98
SQU-DS	2025-04-18 15:30:00	7.65	44.64	7.39	13.15	1.79
SQU-DS	2025-04-18 15:45:00	7.68	44.77	7.38	13.11	2.16
SQU-DS	2025-04-18 16:00:00	7.69	44.78	7.38	13.11	2.47
SQU-DS	2025-04-18 16:15:00	7.73	44.58	7.39	13.09	1.89
SQU-DS	2025-04-18 16:30:00	7.74	44.57	7.39	13.08	1.89
SQU-DS	2025-04-18 16:45:00	7.77	44.63	7.39	13.06	1.79
SQU-DS	2025-04-18 17:00:00	7.81	44.62	7.37	13.04	2.10
SQU-DS	2025-04-18 17:15:00	7.86	44.52	7.39	13.04	1.93
SQU-DS	2025-04-18 17:30:00	7.93	44.54	7.38	13.02	1.74
SQU-DS	2025-04-18 17:45:00	7.90	44.58	7.40	13.00	2.00
SQU-DS	2025-04-18 18:00:00	7.91	44.63	7.39	12.99	1.82
SQU-DS	2025-04-18 18:15:00	7.92	44.65	7.37	12.94	2.11
SQU-DS	2025-04-18 18:30:00	7.94	44.47	7.37	12.94	1.81
SQU-DS	2025-04-18 18:45:00	7.92	44.55	7.38	12.92	1.72
SQU-DS	2025-04-18 19:00:00	7.89	44.60	7.38	12.90	1.83
SQU-DS	2025-04-18 19:15:00	7.87	44.64	7.38	12.87	1.78
SQU-DS	2025-04-18 19:30:00	7.84	44.66	7.38	12.85	2.45
SQU-DS	2025-04-18 19:45:00	7.83	44.73	7.37	12.82	2.41
SQU-DS	2025-04-18 20:00:00	7.83	44.68	7.38	12.80	2.15
SQU-DS	2025-04-18 20:15:00	7.81	44.67	7.37	12.76	1.87
SQU-DS	2025-04-18 20:30:00	7.81	44.67	7.37	12.73	2.79
SQU-DS	2025-04-18 20:45:00	7.81	44.45	7.33	12.72	1.94
SQU-DS	2025-04-18 21:00:00	7.79	44.39	7.35	12.71	1.69
SQU-DS	2025-04-18 21:15:00	7.78	44.32	7.35	12.67	1.98
SQU-DS	2025-04-18 21:30:00	7.78	44.42	7.34	12.69	2.16
SQU-DS	2025-04-18 21:45:00	7.78	44.06	7.35	12.68	2.11
SQU-DS	2025-04-18 22:00:00	7.76	44.08	7.36	12.68	1.85
SQU-DS	2025-04-18 22:15:00	7.77	44.21	7.36	12.66	1.63
SQU-DS	2025-04-18 22:30:00	7.76	44.36	7.35	12.65	2.29
SQU-DS	2025-04-18 22:45:00	7.76	44.38	7.35	12.66	1.72
SQU-DS	2025-04-18 23:00:00	7.75	44.56	7.33	12.65	1.89
SQU-DS	2025-04-18 23:15:00	7.73	44.67	7.35	12.64	2.55
SQU-DS	2025-04-18 23:30:00	7.70	44.46	7.36	12.65	1.92
SQU-DS	2025-04-18 23:45:00	7.67	44.18	7.34	12.65	1.90
SQU-DS	2025-04-19 00:00:00	7.64	43.94	7.34	12.68	1.95

Squamish River						
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-04-19 00:15:00	7.62	43.90	7.37	12.68	1.76
SQU-DS	2025-04-19 00:30:00	7.58	44.02	7.37	12.69	1.74
SQU-DS	2025-04-19 00:45:00	7.57	44.14	7.38	12.69	1.91
SQU-DS	2025-04-19 01:00:00	7.53	44.39	7.37	12.69	2.08
SQU-DS	2025-04-19 01:15:00	7.51	44.45	7.38	12.69	1.67
SQU-DS	2025-04-19 01:30:00	7.47	44.54	7.22	12.69	2.16
SQU-DS	2025-04-19 01:45:00	7.43	44.37	7.37	12.71	1.99
SQU-DS	2025-04-19 02:00:00	7.36	44.35	7.37	12.72	1.90
SQU-DS	2025-04-19 02:15:00	7.34	44.59	7.37	12.71	1.84
SQU-DS	2025-04-19 02:30:00	7.30	44.47	7.36	12.73	1.93
SQU-DS	2025-04-19 02:45:00	7.25	44.13	7.35	12.74	2.25
SQU-DS	2025-04-19 03:00:00	7.19	44.03	7.38	12.75	2.22
SQU-DS	2025-04-19 03:15:00	7.13	44.05	7.33	12.77	2.71
SQU-DS	2025-04-19 03:30:00	7.09	43.87	7.37	12.78	2.57
SQU-DS	2025-04-19 03:45:00	7.04	43.76	7.37	12.77	2.54
SQU-DS	2025-04-19 04:00:00	6.98	43.49	7.36	12.81	3.27
SQU-DS	2025-04-19 04:15:00	6.94	43.51	7.36	12.81	2.73
SQU-DS	2025-04-19 04:30:00	6.88	43.45	7.36	12.82	3.67
SQU-DS	2025-04-19 04:45:00	6.83	43.26	7.36	12.85	2.65
SQU-DS	2025-04-19 05:00:00	6.76	43.35	7.35	12.87	2.77
SQU-DS	2025-04-19 05:15:00	6.71	43.23	7.35	12.87	3.04
SQU-DS	2025-04-19 05:30:00	6.65	43.09	7.35	12.90	2.94
SQU-DS	2025-04-19 05:45:00	6.59	43.01	7.35	12.92	3.05
SQU-DS	2025-04-19 06:00:00	6.54	42.88	7.36	12.94	2.74
SQU-DS	2025-04-19 06:15:00	6.48	42.68	7.35	12.97	2.70
SQU-DS	2025-04-19 06:30:00	6.44	42.55	7.34	12.97	2.69
SQU-DS	2025-04-19 06:45:00	6.37	42.40	7.33	12.98	2.55
SQU-DS	2025-04-19 07:00:00	6.32	42.21	7.34	13.01	3.09
SQU-DS	2025-04-19 07:15:00	6.27	42.03	7.35	13.04	3.00
SQU-DS	2025-04-19 07:30:00	6.24	42.01	7.35	13.09	2.63
SQU-DS	2025-04-19 07:45:00	6.20	41.82	7.35	13.10	3.56
SQU-DS	2025-04-19 08:00:00	6.17	41.99	7.36	13.12	3.47
SQU-DS	2025-04-19 08:15:00	6.14	41.75	7.35	13.15	2.27
SQU-DS	2025-04-19 08:30:00	6.15	41.62	7.35	13.17	2.56
SQU-DS	2025-04-19 08:45:00	6.16	41.56	7.35	13.17	3.24
SQU-DS	2025-04-19 09:00:00	6.16	41.46	7.35	13.21	2.60
SQU-DS	2025-04-19 09:15:00	6.17	41.09	7.35	13.22	2.37
SQU-DS	2025-04-19 09:30:00	6.20	40.85	7.34	13.24	2.21
SQU-DS	2025-04-19 09:45:00	6.23	40.56	7.35	13.22	2.39
SQU-DS	2025-04-19 10:00:00	6.25	40.50	7.35	13.23	2.95
SQU-DS	2025-04-19 10:15:00	6.30	40.62	7.35	13.23	2.44
SQU-DS	2025-04-19 10:30:00	6.39	40.55	7.36	13.23	2.87
SQU-DS	2025-04-19 10:45:00	6.47	40.60	7.35	13.23	2.63
SQU-DS	2025-04-19 11:00:00	6.50	40.56	7.35	13.22	3.32
SQU-DS	2025-04-19 11:15:00	6.59	40.39	7.36	13.24	2.98
SQU-DS	2025-04-19 11:30:00	6.72	40.36	7.35	13.21	3.51
SQU-DS	2025-04-19 11:45:00	6.84	40.36	7.35	13.21	3.15
SQU-DS	2025-04-19 12:00:00	6.96	40.03	7.36	13.21	2.90
SQU-DS	2025-04-19 12:15:00	7.03	40.18	7.34	13.19	2.63
SQU-DS	2025-04-19 12:30:00	7.05	39.64	7.36	13.19	2.53
SQU-DS	2025-04-19 12:45:00	7.08	39.44	7.35	13.17	4.18
SQU-DS	2025-04-19 13:00:00	7.14	38.92	7.34	13.18	3.16
SQU-DS	2025-04-19 13:15:00	7.25	39.03	7.33	13.17	2.76
SQU-DS	2025-04-19 13:30:00	7.32	38.63	7.31	13.16	3.50
SQU-DS	2025-04-19 13:45:00	7.37	38.25	7.36	13.16	3.73

Squamish River						
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-04-19 14:00:00	7.38	37.89	7.35	13.17	3.06
SQU-DS	2025-04-19 14:15:00	7.51	38.56	7.39	13.13	3.98
SQU-DS	2025-04-19 14:30:00	7.55	38.63	7.38	13.11	3.39
SQU-DS	2025-04-19 14:45:00	7.51	37.93	7.37	13.13	3.83
SQU-DS	2025-04-19 15:00:00	7.48	37.62	7.36	13.14	3.65
SQU-DS	2025-04-19 15:15:00	7.44	37.29	7.37	13.15	3.67
SQU-DS	2025-04-19 15:30:00	7.47	37.41	7.37	13.12	5.42
SQU-DS	2025-04-19 15:45:00	7.54	37.46	7.37	13.12	2.96
SQU-DS	2025-04-19 16:00:00	7.63	37.11	7.38	13.12	3.25
SQU-DS	2025-04-19 16:15:00	7.70	36.97	7.38	13.10	3.48
SQU-DS	2025-04-19 16:30:00	7.77	36.86	7.37	13.09	4.12
SQU-DS	2025-04-19 16:45:00	7.82	36.78	7.38	13.07	3.79
SQU-DS	2025-04-19 17:00:00	7.84	36.71	7.37	13.07	3.89
SQU-DS	2025-04-19 17:15:00	7.87	37.02	7.38	13.07	3.79
SQU-DS	2025-04-19 17:30:00	7.83	37.14	7.32	13.06	4.31
SQU-DS	2025-04-19 17:45:00	7.81	37.60	7.38	13.06	4.23
SQU-DS	2025-04-19 18:00:00	7.83	37.72	7.38	13.05	4.34
SQU-DS	2025-04-19 18:15:00	7.87	38.26	7.39	13.02	4.12
SQU-DS	2025-04-19 18:30:00	7.84	38.48	7.37	13.01	3.98
SQU-DS	2025-04-19 18:45:00	7.82	38.35	7.38	13.01	5.05
SQU-DS	2025-04-19 19:00:00	7.78	38.40	7.38	12.98	5.05
SQU-DS	2025-04-19 19:15:00	7.72	38.63	7.37	12.98	4.43
SQU-DS	2025-04-19 19:30:00	7.67	38.69	7.37	12.97	4.47
SQU-DS	2025-04-19 19:45:00	7.61	38.70	7.36	12.97	5.88
SQU-DS	2025-04-19 20:00:00	7.59	39.10	7.34	12.94	4.72
SQU-DS	2025-04-19 20:15:00	7.54	39.11	7.37	12.92	4.84
SQU-DS	2025-04-19 20:30:00	7.51	39.00	7.37	12.92	5.72
SQU-DS	2025-04-19 20:45:00	7.48	39.04	7.35	12.90	7.81
SQU-DS	2025-04-19 21:00:00	7.45	39.14	7.37	12.90	5.59
SQU-DS	2025-04-19 21:15:00	7.39	38.93	7.36	12.89	5.81
SQU-DS	2025-04-19 21:30:00	7.35	38.86	7.36	12.90	5.70
SQU-DS	2025-04-19 21:45:00	7.29	38.97	7.35	12.89	5.07
SQU-DS	2025-04-19 22:00:00	7.24	38.76	7.36	12.92	5.39
SQU-DS	2025-04-19 22:15:00	7.19	38.55	7.35	12.93	5.62
SQU-DS	2025-04-19 22:30:00	7.12	38.50	7.29	12.93	5.66
SQU-DS	2025-04-19 22:45:00	7.07	38.26	7.35	12.95	6.91
SQU-DS	2025-04-19 23:00:00	7.01	38.32	7.29	12.96	4.64
SQU-DS	2025-04-19 23:15:00	6.96	38.19	7.36	12.97	5.05
SQU-DS	2025-04-19 23:30:00	6.90	37.90	7.34	13.00	4.35
SQU-DS	2025-04-19 23:45:00	6.87	37.83	7.28	13.01	3.48
SQU-DS	2025-04-20 00:00:00	6.82	37.78	7.35	13.01	3.72
SQU-DS	2025-04-20 00:15:00	6.78	37.91	7.38	13.02	4.21
SQU-DS	2025-04-20 00:30:00	6.75	38.16	7.32	13.03	5.10
SQU-DS	2025-04-20 00:45:00	6.73	38.15	7.35	13.02	3.94
SQU-DS	2025-04-20 01:00:00	6.67	38.32	7.35	13.04	3.26
SQU-DS	2025-04-20 01:15:00	6.63	38.64	7.33	13.04	5.59
SQU-DS	2025-04-20 01:30:00	6.59	38.90	7.32	13.04	3.10
SQU-DS	2025-04-20 01:45:00	6.53	39.25	7.36	13.07	3.53
SQU-DS	2025-04-20 02:00:00	6.48	39.01	7.37	13.09	4.32
SQU-DS	2025-04-20 02:15:00	6.44	39.21	7.36	13.09	3.07
SQU-DS	2025-04-20 02:30:00	6.39	39.32	7.31	13.07	4.96
SQU-DS	2025-04-20 02:45:00	6.34	39.21	7.37	13.10	3.78
SQU-DS	2025-04-20 03:00:00	6.29	39.13	7.30	13.14	2.94
SQU-DS	2025-04-20 03:15:00	6.26	39.48	7.38	13.14	3.52
SQU-DS	2025-04-20 03:30:00	6.23	39.49	7.31	13.14	2.54

Squamish River						
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-04-20 03:45:00	6.19	39.58	7.37	13.13	3.24
SQU-DS	2025-04-20 04:00:00	6.15	39.39	7.27	13.15	5.26
SQU-DS	2025-04-20 04:15:00	6.11	39.34	7.31	13.16	3.12
SQU-DS	2025-04-20 04:30:00	6.08	39.40	7.37	13.17	4.08
SQU-DS	2025-04-20 04:45:00	6.04	39.25	7.29	13.17	3.46
SQU-DS	2025-04-20 05:00:00	6.02	39.39	7.34	13.19	4.75
SQU-DS	2025-04-20 05:15:00	5.99	39.15	7.35	13.19	3.26
SQU-DS	2025-04-20 05:30:00	5.97	38.99	7.37	13.19	3.74
SQU-DS	2025-04-20 05:45:00	5.94	39.11	7.36	13.20	2.70
SQU-DS	2025-04-20 06:00:00	5.90	39.02	7.29	13.23	4.68
SQU-DS	2025-04-20 06:15:00	5.89	38.92	7.37	13.23	3.29
SQU-DS	2025-04-20 06:30:00	5.84	38.92	7.35	13.24	3.58
SQU-DS	2025-04-20 06:45:00	5.81	38.70	7.31	13.26	2.79
SQU-DS	2025-04-20 07:00:00	5.80	38.79	7.32	13.25	4.18
SQU-DS	2025-04-20 07:15:00	5.76	38.76	7.28	13.28	3.01
SQU-DS	2025-04-20 07:30:00	5.75	38.57	7.32	13.29	3.54
SQU-DS	2025-04-20 07:45:00	5.73	38.68	7.34	13.31	3.40
SQU-DS	2025-04-20 08:00:00	5.72	38.85	7.29	13.33	3.82
SQU-DS	2025-04-20 08:15:00	5.71	38.74	7.35	13.35	2.92
SQU-DS	2025-04-20 08:30:00	5.72	38.72	7.35	13.37	3.00
SQU-DS	2025-04-20 08:45:00	5.73	38.75	7.32	13.38	2.68
SQU-DS	2025-04-20 09:00:00	5.74	38.82	7.36	13.38	2.88
SQU-DS	2025-04-20 09:15:00	5.76	38.78	7.36	13.40	3.81
SQU-DS	2025-04-20 09:30:00	5.78	38.81	7.31	13.42	3.51
SQU-DS	2025-04-20 09:45:00	5.81	38.77	7.34	13.42	3.27
SQU-DS	2025-04-20 10:00:00	5.86	38.67	7.37	13.44	2.72
SQU-DS	2025-04-20 10:15:00	5.93	38.84	7.38	13.45	3.32
SQU-DS	2025-04-20 10:30:00	6.01	39.08	7.37	13.42	2.92
SQU-DS	2025-04-20 10:45:00	6.06	39.16	7.37	13.44	3.08
SQU-DS	2025-04-20 11:00:00	6.14	39.47	7.34	13.41	2.95
SQU-DS	2025-04-20 11:15:00	6.22	39.94	7.38	13.40	2.75
SQU-DS	2025-04-20 11:30:00	6.30	39.77	7.35	13.40	2.88
SQU-DS	2025-04-20 11:45:00	6.33	39.89	7.37	13.38	4.15
SQU-DS	2025-04-20 12:00:00	6.40	39.81	7.37	13.37	3.21
SQU-DS	2025-04-20 12:15:00	6.43	40.02	7.36	13.36	3.18
SQU-DS	2025-04-20 12:30:00	6.46	39.96	7.36	13.35	3.15
SQU-DS	2025-04-20 12:45:00	6.51	40.09	7.27	13.34	3.36
SQU-DS	2025-04-20 13:00:00	6.60	40.04	7.36	13.32	2.85
SQU-DS	2025-04-20 13:15:00	6.63	39.73	7.36	13.30	3.57
SQU-DS	2025-04-20 13:30:00	6.68	39.71	7.35	13.31	3.41
SQU-DS	2025-04-20 13:45:00	6.81	39.77	7.38	13.28	3.84
SQU-DS	2025-04-20 14:00:00	6.90	39.35	7.33	13.31	3.42
SQU-DS	2025-04-20 14:15:00	6.98	39.23	7.34	13.30	3.14
SQU-DS	2025-04-20 14:30:00	7.01	39.08	7.38	13.28	3.55
SQU-DS	2025-04-20 14:45:00	7.00	39.05	7.28	13.27	3.32
SQU-DS	2025-04-20 15:00:00	7.00	39.20	7.37	13.25	3.84
SQU-DS	2025-04-20 15:15:00	7.05	39.37	7.39	13.24	3.43
SQU-DS	2025-04-20 15:30:00	7.09	39.91	7.27	13.22	3.01
SQU-DS	2025-04-20 15:45:00	7.18	40.36	7.38	13.19	3.85
SQU-DS	2025-04-20 16:00:00	7.27	40.50	7.37	13.18	3.26
SQU-DS	2025-04-20 16:15:00	7.35	39.94	7.31	13.16	3.42
SQU-DS	2025-04-20 16:30:00	7.41	40.08	7.34	13.15	4.70
SQU-DS	2025-04-20 16:45:00	7.40	39.92	7.34	13.13	3.58
SQU-DS	2025-04-20 17:00:00	7.40	39.61	7.31	13.11	3.50
SQU-DS	2025-04-20 17:15:00	7.38	39.54	7.29	13.10	14.06

Squamish River						
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-04-20 17:30:00	7.37	39.77	7.32	13.10	4.56
SQU-DS	2025-04-20 17:45:00	7.33	40.31	7.30	13.09	4.66
SQU-DS	2025-04-20 18:00:00	7.30	40.14	7.37	13.08	4.28
SQU-DS	2025-04-20 18:15:00	7.25	40.11	7.34	13.09	3.73
SQU-DS	2025-04-20 18:30:00	7.18	40.14	7.31	13.07	4.11
SQU-DS	2025-04-20 18:45:00	7.13	40.16	7.32	13.10	3.69
SQU-DS	2025-04-20 19:00:00	7.11	40.22	7.35	13.08	3.67
SQU-DS	2025-04-20 19:15:00	7.07	40.23	7.28	13.07	4.45
SQU-DS	2025-04-20 19:30:00	7.04	40.45	7.29	13.05	4.24
SQU-DS	2025-04-20 19:45:00	7.02	40.23	7.25	13.06	4.29
SQU-DS	2025-04-20 20:00:00	6.99	40.36	7.33	13.04	4.32
SQU-DS	2025-04-20 20:15:00	6.96	40.62	7.30	13.02	3.59
SQU-DS	2025-04-20 20:30:00	6.96	40.72	7.30	12.99	4.37
SQU-DS	2025-04-20 20:45:00	6.92	40.87	7.25	12.97	4.19
SQU-DS	2025-04-20 21:00:00	6.92	40.92	7.30	12.96	3.99
SQU-DS	2025-04-20 21:15:00	6.90	41.08	7.36	12.95	5.39
SQU-DS	2025-04-20 21:30:00	6.90	40.94	7.27	12.94	4.16
SQU-DS	2025-04-20 21:45:00	6.89	41.21	7.31	12.93	4.94
SQU-DS	2025-04-20 22:00:00	6.89	40.98	7.26	12.91	4.23
SQU-DS	2025-04-20 22:15:00	6.88	41.19	7.32	12.91	4.10
SQU-DS	2025-04-20 22:30:00	6.88	41.12	7.38	12.90	5.81
SQU-DS	2025-04-20 22:45:00	6.86	40.92	7.35	12.91	4.05
SQU-DS	2025-04-20 23:00:00	6.86	40.85	7.34	12.91	4.59
SQU-DS	2025-04-20 23:15:00	6.82	40.74	7.36	12.93	5.59
SQU-DS	2025-04-20 23:30:00	6.78	40.60	7.35	12.93	4.11
SQU-DS	2025-04-20 23:45:00	6.76	40.46	7.35	12.94	3.48
SQU-DS	2025-04-21 00:00:00	6.73	40.27	7.36	12.96	3.80
SQU-DS	2025-04-21 00:15:00	6.69	40.35	7.34	12.97	4.55
SQU-DS	2025-04-21 00:30:00	6.66	40.24	7.33	12.98	5.93
SQU-DS	2025-04-21 00:45:00	6.62	40.28	7.33	12.97	3.28
SQU-DS	2025-04-21 01:00:00	6.59	40.28	7.37	12.99	3.30
SQU-DS	2025-04-21 01:15:00	6.54	40.28	7.37	13.00	4.30
SQU-DS	2025-04-21 01:30:00	6.49	40.25	7.35	13.03	3.21
SQU-DS	2025-04-21 01:45:00	6.43	40.37	7.36	13.04	4.29
SQU-DS	2025-04-21 02:00:00	6.37	40.48	7.29	13.06	3.22
SQU-DS	2025-04-21 02:15:00	6.33	40.69	7.38	13.06	3.77
SQU-DS	2025-04-21 02:30:00	6.30	41.03	7.38	13.06	3.47
SQU-DS	2025-04-21 02:45:00	6.24	41.38	7.37	13.05	3.32
SQU-DS	2025-04-21 03:00:00	6.19	41.49	7.38	13.08	3.45
SQU-DS	2025-04-21 03:15:00	6.16	41.64	7.37	13.08	3.48
SQU-DS	2025-04-21 03:30:00	6.13	41.94	7.38	13.09	3.41
SQU-DS	2025-04-21 03:45:00	6.10	42.10	7.36	13.08	2.96
SQU-DS	2025-04-21 04:00:00	6.05	42.10	7.37	13.10	3.68
SQU-DS	2025-04-21 04:15:00	6.03	42.14	7.36	13.11	3.52
SQU-DS	2025-04-21 04:30:00	6.02	42.34	7.37	13.09	4.02
SQU-DS	2025-04-21 04:45:00	6.00	42.33	7.35	13.11	3.03
SQU-DS	2025-04-21 05:00:00	5.98	42.41	7.31	13.10	3.58
SQU-DS	2025-04-21 05:15:00	5.96	42.33	7.35	13.11	2.93
SQU-DS	2025-04-21 05:30:00	5.94	42.28	7.34	13.10	3.41
SQU-DS	2025-04-21 05:45:00	5.92	41.99	7.34	13.13	3.48
SQU-DS	2025-04-21 06:00:00	5.90	42.12	7.34	13.13	3.52
SQU-DS	2025-04-21 06:15:00	5.87	42.22	7.34	13.14	3.93
SQU-DS	2025-04-21 06:30:00	5.85	42.14	7.34	13.13	4.65
SQU-DS	2025-04-21 06:45:00	5.82	42.16	7.33	13.13	3.22
SQU-DS	2025-04-21 07:00:00	5.79	41.89	7.34	13.15	3.44

Squamish River						
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-04-21 07:15:00	5.76	42.00	7.34	13.19	4.21
SQU-DS	2025-04-21 07:30:00	5.75	41.83	7.33	13.20	3.81
SQU-DS	2025-04-21 07:45:00	5.74	42.07	7.32	13.20	2.90
SQU-DS	2025-04-21 08:00:00	5.70	42.21	7.29	13.22	3.60
SQU-DS	2025-04-21 08:15:00	5.67	42.11	7.29	13.25	3.37
SQU-DS	2025-04-21 08:30:00	5.67	42.00	7.31	13.27	3.11
SQU-DS	2025-04-21 08:45:00	5.68	41.95	7.33	13.30	3.27
SQU-DS	2025-04-21 09:00:00	5.72	42.21	7.34	13.33	3.86
SQU-DS	2025-04-21 09:15:00	5.76	42.36	7.33	13.35	4.04
SQU-DS	2025-04-21 09:30:00	5.79	42.06	7.36	13.38	3.41
SQU-DS	2025-04-21 09:45:00	5.85	41.95	7.35	13.38	3.63
SQU-DS	2025-04-21 10:00:00	5.90	42.27	7.36	13.39	4.05
SQU-DS	2025-04-21 10:15:00	5.96	42.54	7.36	13.40	3.49
SQU-DS	2025-04-21 10:30:00	6.05	42.70	7.36	13.39	3.15
SQU-DS	2025-04-21 10:45:00	6.15	42.71	7.33	13.36	4.33
SQU-DS	2025-04-21 11:00:00	6.25	42.68	7.36	13.35	3.92
SQU-DS	2025-04-21 11:15:00	6.33	42.68	7.37	13.37	3.54
SQU-DS	2025-04-21 11:30:00	6.41	42.89	7.36	13.36	3.75
SQU-DS	2025-04-21 11:45:00	6.50	42.79	7.34	13.35	3.74
SQU-DS	2025-04-21 12:00:00	6.59	42.83	7.37	13.34	2.83
SQU-DS	2025-04-21 12:15:00	6.69	42.89	7.33	13.32	3.09
SQU-DS	2025-04-21 12:30:00	6.79	43.11	7.29	13.30	3.55
SQU-DS	2025-04-21 12:45:00	6.88	43.15	7.34	13.29	3.94
SQU-DS	2025-04-21 13:00:00	6.97	43.32	7.34	13.27	3.26
SQU-DS	2025-04-21 13:15:00	7.07	43.20	7.35	13.27	3.92
SQU-DS	2025-04-21 13:30:00	7.14	43.25	7.37	13.25	4.25
SQU-DS	2025-04-21 13:45:00	7.18	43.36	7.37	13.22	3.88
SQU-DS	2025-04-21 14:00:00	7.17	43.10	7.33	13.23	3.75
SQU-DS	2025-04-21 14:15:00	7.23	43.25	7.36	13.21	3.46
SQU-DS	2025-04-21 14:30:00	7.39	43.28	7.34	13.20	3.54
SQU-DS	2025-04-21 14:45:00	7.54	43.30	7.35	13.18	3.33
SQU-DS	2025-04-21 15:00:00	7.53	43.18	7.37	13.16	2.78
SQU-DS	2025-04-21 15:15:00	7.54	43.30	7.32	13.15	3.01
SQU-DS	2025-04-21 15:30:00	7.55	43.35	7.24	13.12	3.33
SQU-DS	2025-04-21 15:45:00	7.60	43.37	7.33	13.12	2.73
SQU-DS	2025-04-21 16:00:00	7.61	43.26	7.35	13.08	2.93
SQU-DS	2025-04-21 16:15:00	7.60	43.24	7.29	13.11	2.45
SQU-DS	2025-04-21 16:30:00	7.60	43.27	7.29	13.09	2.76
SQU-DS	2025-04-21 16:45:00	7.55	43.32	7.34	13.09	3.74
SQU-DS	2025-04-21 17:00:00	7.51	43.40	7.37	13.09	3.72
SQU-DS	2025-04-21 17:15:00	7.45	43.58	7.35	13.08	3.28
SQU-DS	2025-04-21 17:30:00	7.45	43.38	7.35	13.07	2.87
SQU-DS	2025-04-21 17:45:00	7.43	43.29	7.32	13.08	2.89
SQU-DS	2025-04-21 18:00:00	7.41	43.52	7.34	13.06	3.15
SQU-DS	2025-04-21 18:15:00	7.38	43.60	7.34	13.05	3.43
SQU-DS	2025-04-21 18:30:00	7.37	43.56	7.34	13.04	2.66
SQU-DS	2025-04-21 18:45:00	7.37	43.57	7.37	13.05	3.01
SQU-DS	2025-04-21 19:00:00	7.37	43.74	7.35	13.02	3.09
SQU-DS	2025-04-21 19:15:00	7.34	43.72	7.36	13.02	2.60
SQU-DS	2025-04-21 19:30:00	7.31	43.89	7.34	12.98	2.71
SQU-DS	2025-04-21 19:45:00	7.27	43.90	7.31	12.99	2.85
SQU-DS	2025-04-21 20:00:00	7.23	44.05	7.32	12.97	2.83
SQU-DS	2025-04-21 20:15:00	7.20	44.27	7.29	12.96	3.07
SQU-DS	2025-04-21 20:30:00	7.18	44.12	7.34	12.95	2.92
SQU-DS	2025-04-21 20:45:00	7.14	44.45	7.34	12.92	2.66

Squamish River						
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-04-21 21:00:00	7.13	44.34	7.36	12.88	2.73
SQU-DS	2025-04-21 21:15:00	7.09	44.33	7.27	12.88	2.52
SQU-DS	2025-04-21 21:30:00	7.08	44.56	7.28	12.86	3.60
SQU-DS	2025-04-21 21:45:00	7.06	44.40	7.35	12.85	2.45
SQU-DS	2025-04-21 22:00:00	7.04	44.64	7.32	12.85	2.62
SQU-DS	2025-04-21 22:15:00	7.03	44.81	7.32	12.86	6.59
SQU-DS	2025-04-21 22:30:00	7.02	44.48	7.33	12.84	2.95
SQU-DS	2025-04-21 22:45:00	6.98	44.64	7.33	12.85	2.50
SQU-DS	2025-04-21 23:00:00	6.94	44.81	7.35	12.83	3.04
SQU-DS	2025-04-21 23:15:00	6.90	44.78	7.28	12.85	2.48
SQU-DS	2025-04-21 23:30:00	6.88	44.69	7.35	12.87	2.97
SQU-DS	2025-04-21 23:45:00	6.84	44.51	7.31	12.88	3.68
SQU-US	2025-04-15 00:00:00	7.12	50.80	7.11		1.79
SQU-US	2025-04-15 00:15:00	7.10	50.50	7.15		1.24
SQU-US	2025-04-15 00:30:00	7.09	50.69	7.11		1.23
SQU-US	2025-04-15 00:45:00	7.03	50.22	7.08		1.67
SQU-US	2025-04-15 01:00:00	6.99	49.87	7.12		1.31
SQU-US	2025-04-15 01:15:00	6.95	49.65	7.10		1.26
SQU-US	2025-04-15 01:30:00	6.89	49.52	7.12		1.03
SQU-US	2025-04-15 01:45:00	6.86	49.38	7.19		1.27
SQU-US	2025-04-15 02:00:00	6.81	49.91	7.11		1.18
SQU-US	2025-04-15 02:15:00	6.77	49.67	7.19		1.35
SQU-US	2025-04-15 02:30:00	6.73	49.86	7.09		1.31
SQU-US	2025-04-15 02:45:00	6.68	49.29	7.09		1.34
SQU-US	2025-04-15 03:00:00	6.62	49.62	7.13		0.93
SQU-US	2025-04-15 03:15:00	6.58	49.59	7.15		1.05
SQU-US	2025-04-15 03:30:00	6.53	49.39	7.17		1.43
SQU-US	2025-04-15 03:45:00	6.48	49.51	7.10		1.08
SQU-US	2025-04-15 04:00:00	6.43	49.28	7.16		1.53
SQU-US	2025-04-15 04:15:00	6.37	49.42	7.16		1.15
SQU-US	2025-04-15 04:30:00	6.32	48.91	7.17		1.25
SQU-US	2025-04-15 04:45:00	6.26	48.59	7.17		1.26
SQU-US	2025-04-15 05:00:00	6.20	48.41	7.18		1.24
SQU-US	2025-04-15 05:15:00	6.15	48.20	7.22		1.34
SQU-US	2025-04-15 05:30:00	6.09	48.35	7.16		1.39
SQU-US	2025-04-15 05:45:00	6.03	48.25	7.18		1.60
SQU-US	2025-04-15 06:00:00	5.97	48.38	7.20		1.43
SQU-US	2025-04-15 06:15:00	5.91	48.12	7.22		1.49
SQU-US	2025-04-15 06:30:00	5.86	48.55	7.21		1.44
SQU-US	2025-04-15 06:45:00	5.81	48.90	7.23		1.41
SQU-US	2025-04-15 07:00:00	5.76	48.82	7.20		1.43
SQU-US	2025-04-15 07:15:00	5.72	48.81	7.18		1.29
SQU-US	2025-04-15 07:30:00	5.67	48.70	7.19		1.46
SQU-US	2025-04-15 07:45:00	5.64	48.57	7.22		1.27
SQU-US	2025-04-15 08:00:00	5.62	48.21	7.14		1.23
SQU-US	2025-04-15 08:15:00	5.63	48.66	7.20		2.27
SQU-US	2025-04-15 08:30:00	5.64	49.23	7.20		1.17
SQU-US	2025-04-15 08:45:00	5.67	50.31	7.20		1.52
SQU-US	2025-04-15 09:00:00	5.70	50.51	7.13		1.28
SQU-US	2025-04-15 09:15:00	5.75	50.75	7.15		2.04
SQU-US	2025-04-15 09:30:00	5.80	50.38	7.12		1.62
SQU-US	2025-04-15 09:45:00	5.84	50.01	7.16		2.24
SQU-US	2025-04-15 10:00:00	5.91	50.26	7.13		1.65
SQU-US	2025-04-15 10:15:00	5.97	49.99	7.13		1.33
SQU-US	2025-04-15 10:30:00	6.05	49.64	7.16		2.29

Squamish River						
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-US	2025-04-15 10:45:00	6.14	49.72	7.12		1.53
SQU-US	2025-04-15 11:00:00	6.21	49.52	7.15		1.71
SQU-US	2025-04-15 11:15:00	6.28	49.75	7.15		1.78
SQU-US	2025-04-15 11:30:00	6.32	49.27	7.13		1.77
SQU-US	2025-04-15 11:45:00	6.39	49.01	7.15		1.89
SQU-US	2025-04-15 12:00:00	6.49	49.09	7.12		1.83
SQU-US	2025-04-15 12:15:00	6.58	48.34	7.14		1.70
SQU-US	2025-04-15 12:30:00	6.69	49.10	7.18		1.52
SQU-US	2025-04-15 12:45:00	6.80	48.98	7.15		1.63
SQU-US	2025-04-15 13:00:00	6.89	48.60	7.17		1.60
SQU-US	2025-04-15 13:15:00	6.99	48.46	7.13		1.71
SQU-US	2025-04-15 13:30:00	7.10	48.66	7.20		1.78
SQU-US	2025-04-15 13:45:00	7.19	48.23	7.17		1.75
SQU-US	2025-04-15 14:00:00	7.30	48.65	7.20		1.34
SQU-US	2025-04-15 14:15:00	7.40	48.47	7.16		1.32
SQU-US	2025-04-15 14:30:00	7.50	49.10	7.15		1.24
SQU-US	2025-04-15 14:45:00	7.55	48.22	7.20		1.46
SQU-US	2025-04-15 15:00:00	7.62	48.53	7.18		1.24
SQU-US	2025-04-15 15:15:00	7.69	48.58	7.18		2.35
SQU-US	2025-04-15 15:30:00	7.74	48.33	7.19		1.22
SQU-US	2025-04-15 15:45:00	7.79	48.14	7.22		1.09
SQU-US	2025-04-15 16:00:00	7.84	48.10	7.18		1.41
SQU-US	2025-04-15 16:15:00	7.89	48.53	7.19		1.15
SQU-US	2025-04-15 16:30:00	7.90	48.11	7.21		1.34
SQU-US	2025-04-15 16:45:00	7.91	48.22	7.19		1.40
SQU-US	2025-04-15 17:00:00	7.90	48.02	7.21		1.40
SQU-US	2025-04-15 17:15:00	7.88	47.98	7.20		1.43
SQU-US	2025-04-15 17:30:00	7.88	48.38	7.21		0.99
SQU-US	2025-04-15 17:45:00	7.81	48.05	7.19		1.05
SQU-US	2025-04-15 18:00:00	7.78	48.41	7.17		1.05
SQU-US	2025-04-15 18:15:00	7.73	48.09	7.17		1.43
SQU-US	2025-04-15 18:30:00	7.69	48.09	7.18		1.67
SQU-US	2025-04-15 18:45:00	7.62	48.29	7.18		1.06
SQU-US	2025-04-15 19:00:00	7.55	47.32	7.25		1.37
SQU-US	2025-04-15 19:15:00	7.51	47.13	7.17		1.02
SQU-US	2025-04-15 19:30:00	7.48	46.96	7.27		1.18
SQU-US	2025-04-15 19:45:00	7.44	46.77	7.23		1.06
SQU-US	2025-04-15 20:00:00	7.43	47.60	7.23		1.05
SQU-US	2025-04-15 20:15:00	7.41	47.93	7.22		1.30
SQU-US	2025-04-15 20:30:00	7.38	47.71	7.24		0.96
SQU-US	2025-04-15 20:45:00	7.36	47.79	7.25		0.84
SQU-US	2025-04-15 21:00:00	7.31	48.41	7.25		0.88
SQU-US	2025-04-15 21:15:00	7.29	48.71	7.25		1.00
SQU-US	2025-04-15 21:30:00	7.31	48.76	7.24		0.99
SQU-US	2025-04-15 21:45:00	7.30	49.50	7.24		1.43
SQU-US	2025-04-15 22:00:00	7.27	48.62	7.23		1.13
SQU-US	2025-04-15 22:15:00	7.27	48.96	7.25		1.13
SQU-US	2025-04-15 22:30:00	7.29	50.31	7.22		1.16
SQU-US	2025-04-15 22:45:00	7.29	50.53	7.19		1.39
SQU-US	2025-04-15 23:00:00	7.27	49.62	7.23		1.10
SQU-US	2025-04-15 23:15:00	7.27	49.59	7.21		1.28
SQU-US	2025-04-15 23:30:00	7.27	49.57	7.19		1.21
SQU-US	2025-04-15 23:45:00	7.24	49.30	7.21		1.44
SQU-US	2025-04-16 00:00:00	7.22	48.97	7.18		1.32
SQU-US	2025-04-16 00:15:00	7.19	48.85	7.13		1.36

Squamish River						
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-US	2025-04-16 00:30:00	7.17	48.76	7.21		1.78
SQU-US	2025-04-16 00:45:00	7.13	48.52	7.19		1.39
SQU-US	2025-04-16 01:00:00	7.09	48.37	7.18		1.76
SQU-US	2025-04-16 01:15:00	7.03	48.24	7.18		2.07
SQU-US	2025-04-16 01:30:00	6.99	47.77	7.17		1.21
SQU-US	2025-04-16 01:45:00	6.93	47.60	7.17		1.36
SQU-US	2025-04-16 02:00:00	6.87	47.61	7.19		1.25
SQU-US	2025-04-16 02:15:00	6.79	47.27	7.17		1.73
SQU-US	2025-04-16 02:30:00	6.72	46.94	7.13		1.45
SQU-US	2025-04-16 02:45:00	6.65	46.92	7.14		1.78
SQU-US	2025-04-16 03:00:00	6.60	46.58	7.18		1.59
SQU-US	2025-04-16 03:15:00	6.53	46.52	7.17		1.35
SQU-US	2025-04-16 03:30:00	6.45	46.30	7.20		1.75
SQU-US	2025-04-16 03:45:00	6.38	46.12	7.18		1.72
SQU-US	2025-04-16 04:00:00	6.31	45.68	7.20		1.48
SQU-US	2025-04-16 04:15:00	6.24	45.77	7.16		1.86
SQU-US	2025-04-16 04:30:00	6.16	45.55	7.18		2.27
SQU-US	2025-04-16 04:45:00	6.09	45.24	7.20		1.56
SQU-US	2025-04-16 05:00:00	6.02	45.00	7.21		1.69
SQU-US	2025-04-16 05:15:00	5.95	45.09	7.22		2.20
SQU-US	2025-04-16 05:30:00	5.89	44.70	7.23		2.09
SQU-US	2025-04-16 05:45:00	5.81	44.69	7.21		1.52
SQU-US	2025-04-16 06:00:00	5.74	44.59	7.22	14.07	1.94
SQU-US	2025-04-16 06:15:00	5.66	44.47	7.20	14.11	1.80
SQU-US	2025-04-16 06:30:00	5.58	44.35	7.17	14.16	2.15
SQU-US	2025-04-16 06:45:00	5.53	44.35	7.19	14.16	1.70
SQU-US	2025-04-16 07:00:00	5.47	44.43	7.22	14.18	2.43
SQU-US	2025-04-16 07:15:00	5.41	44.20	7.22	14.24	1.97
SQU-US	2025-04-16 07:30:00	5.38	44.41	7.17	14.24	2.25
SQU-US	2025-04-16 07:45:00	5.34	44.64	7.22	14.28	2.03
SQU-US	2025-04-16 08:00:00	5.31	44.65	7.21	14.29	2.08
SQU-US	2025-04-16 08:15:00	5.32	44.64	7.19	14.31	2.86
SQU-US	2025-04-16 08:30:00	5.32	45.19	7.15	14.34	2.66
SQU-US	2025-04-16 08:45:00	5.38	46.16	7.18	14.28	2.75
SQU-US	2025-04-16 09:00:00	5.42	46.15	7.15		2.65
SQU-US	2025-04-16 09:15:00	5.45	45.85	7.15		2.74
SQU-US	2025-04-16 09:30:00	5.51	46.31	7.13		3.07
SQU-US	2025-04-16 09:45:00	5.56	45.86	7.16		2.91
SQU-US	2025-04-16 10:00:00	5.62	45.43	7.16		2.99
SQU-US	2025-04-16 10:15:00	5.69	45.29	7.17		2.44
SQU-US	2025-04-16 10:30:00	5.76	44.94	7.13		2.87
SQU-US	2025-04-16 10:45:00	5.84	44.88	7.19		3.56
SQU-US	2025-04-16 11:00:00	5.92	45.16	7.14		2.41
SQU-US	2025-04-16 11:15:00	5.99	44.51	7.17		2.55
SQU-US	2025-04-16 11:30:00	6.09	44.55	7.21		2.75
SQU-US	2025-04-16 11:45:00	6.18	44.50	7.23		3.98
SQU-US	2025-04-16 12:00:00	6.26	44.66	7.18		2.63
SQU-US	2025-04-16 12:15:00	6.35	44.75	7.21		2.59
SQU-US	2025-04-16 12:30:00	6.42	44.14	7.22		1.85
SQU-US	2025-04-16 12:45:00	6.50	44.21	7.19		2.45
SQU-US	2025-04-16 13:00:00	6.59	44.34	7.22		2.44
SQU-US	2025-04-16 13:15:00	6.68	44.44	7.22		2.09
SQU-US	2025-04-16 13:30:00	6.75	43.99	7.15		2.86
SQU-US	2025-04-16 13:45:00	6.83	44.10	7.20		5.41
SQU-US	2025-04-16 14:00:00	6.92	44.38	7.20		2.69

Squamish River						
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-US	2025-04-16 14:15:00	6.98	43.72	7.22		2.25
SQU-US	2025-04-16 14:30:00	7.06	43.82	7.19		2.15
SQU-US	2025-04-16 14:45:00	7.14	43.50	7.24		2.63
SQU-US	2025-04-16 15:00:00	7.20	43.58	7.19		2.74
SQU-US	2025-04-16 15:15:00	7.26	43.56	7.18		2.47
SQU-US	2025-04-16 15:30:00	7.32	43.83	7.24		1.88
SQU-US	2025-04-16 15:45:00	7.36	43.55	7.25		2.29
SQU-US	2025-04-16 16:00:00	7.40	43.49	7.18		2.07
SQU-US	2025-04-16 16:15:00	7.43	43.48	7.16		2.88
SQU-US	2025-04-16 16:30:00	7.46	43.52	7.25		1.82
SQU-US	2025-04-16 16:45:00	7.47	43.53	7.25		2.18
SQU-US	2025-04-16 17:00:00	7.46	43.77	7.24		3.06
SQU-US	2025-04-16 17:15:00	7.48	43.84	7.22		2.47
SQU-US	2025-04-16 17:30:00	7.46	44.12	7.18		1.81
SQU-US	2025-04-16 17:45:00	7.38	44.02	7.23		2.69
SQU-US	2025-04-16 18:00:00	7.34	43.84	7.15		2.14
SQU-US	2025-04-16 18:15:00	7.32	43.96	7.22		2.14
SQU-US	2025-04-16 18:30:00	7.28	44.08	7.22		2.18
SQU-US	2025-04-16 18:45:00	7.22	44.06	7.22		2.03
SQU-US	2025-04-16 19:00:00	7.18	44.16	7.19		2.12
SQU-US	2025-04-16 19:15:00	7.12	44.19	7.14		1.94
SQU-US	2025-04-16 19:30:00	7.09	44.19	7.22		2.35
SQU-US	2025-04-16 19:45:00	7.07	44.01	7.20		2.04
SQU-US	2025-04-16 20:00:00	7.04	44.01	7.23		2.05
SQU-US	2025-04-16 20:15:00	7.02	44.14	7.23		1.75
SQU-US	2025-04-16 20:30:00	6.98	44.09	7.23		2.38
SQU-US	2025-04-16 20:45:00	6.97	44.20	7.21		1.99
SQU-US	2025-04-16 21:00:00	6.94	44.25	7.18		2.62
SQU-US	2025-04-16 21:15:00	6.93	44.41	7.20		1.99
SQU-US	2025-04-16 21:30:00	6.89	44.32	7.22		2.85
SQU-US	2025-04-16 21:45:00	6.88	43.82	7.22		1.69
SQU-US	2025-04-16 22:00:00	6.81	43.63	7.22		1.86
SQU-US	2025-04-16 22:15:00	6.77	43.72	7.22		1.99
SQU-US	2025-04-16 22:30:00	6.78	44.29	7.23		2.53
SQU-US	2025-04-16 22:45:00	6.79	45.34	7.22		2.42
SQU-US	2025-04-16 23:00:00	6.77	46.41	7.18		2.12
SQU-US	2025-04-16 23:15:00	6.74	46.16	7.18		2.54
SQU-US	2025-04-16 23:30:00	6.71	46.04	7.18		2.18
SQU-US	2025-04-16 23:45:00	6.67	46.00	7.16	13.79	4.17
SQU-US	2025-04-17 00:00:00	6.62	45.69	7.18		2.52
SQU-US	2025-04-17 00:15:00	6.56	45.60	7.19		2.96
SQU-US	2025-04-17 00:30:00	6.52	46.07	7.17		4.47
SQU-US	2025-04-17 00:45:00	6.49	46.08	7.16		3.51
SQU-US	2025-04-17 01:00:00	6.43	45.79	7.17		3.11
SQU-US	2025-04-17 01:15:00	6.37	45.66	7.16		2.93
SQU-US	2025-04-17 01:30:00	6.32	45.65	7.15		2.70
SQU-US	2025-04-17 01:45:00	6.24	45.33	7.16		3.50
SQU-US	2025-04-17 02:00:00	6.18	45.31	7.17		3.59
SQU-US	2025-04-17 02:15:00	6.13	45.55	7.16		3.33
SQU-US	2025-04-17 02:30:00	6.04	45.25	7.11		3.77
SQU-US	2025-04-17 02:45:00	5.98	45.22	7.16		2.98
SQU-US	2025-04-17 03:00:00	5.90	45.24	7.14		3.35
SQU-US	2025-04-17 03:15:00	5.85	45.27	7.11		3.10
SQU-US	2025-04-17 03:30:00	5.78	45.03	7.15		1.48
SQU-US	2025-04-17 03:45:00	5.71	44.77	7.18		2.04

Squamish River						
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-US	2025-04-17 04:00:00	5.64	44.65	7.16		1.69
SQU-US	2025-04-17 04:15:00	5.59	44.88	7.13		1.94
SQU-US	2025-04-17 04:30:00	5.52	44.66	7.17	14.12	1.87
SQU-US	2025-04-17 04:45:00	5.46	44.68	7.14		1.85
SQU-US	2025-04-17 05:00:00	5.39	44.38	7.15	14.19	1.73
SQU-US	2025-04-17 05:15:00	5.33	44.49	7.11	14.21	1.79
SQU-US	2025-04-17 05:30:00	5.27	44.46	7.13	14.21	2.54
SQU-US	2025-04-17 05:45:00	5.21	44.42	7.13	14.27	2.64
SQU-US	2025-04-17 06:00:00	5.15	44.44	7.11	14.28	2.00
SQU-US	2025-04-17 06:15:00	5.08	44.51	7.19	14.30	1.13
SQU-US	2025-04-17 06:30:00	5.01	44.31	7.18	14.33	1.37
SQU-US	2025-04-17 06:45:00	4.96	44.39	7.17	14.35	1.11
SQU-US	2025-04-17 07:00:00	4.91	44.43	7.18	14.37	2.06
SQU-US	2025-04-17 07:15:00	4.87	44.34	7.18	14.42	2.36
SQU-US	2025-04-17 07:30:00	4.84	44.44	7.20	14.43	1.35
SQU-US	2025-04-17 07:45:00	4.82	44.56	7.19	14.46	1.16
SQU-US	2025-04-17 08:00:00	4.80	44.87	7.18	14.47	1.96
SQU-US	2025-04-17 08:15:00	4.80	45.17	7.20	14.50	1.37
SQU-US	2025-04-17 08:30:00	4.81	45.06	7.15	14.52	4.34
SQU-US	2025-04-17 08:45:00	4.84	45.54	7.16	14.51	1.17
SQU-US	2025-04-17 09:00:00	4.89	46.13	7.15	14.51	1.52
SQU-US	2025-04-17 09:15:00	4.96	46.70	7.16	14.51	1.44
SQU-US	2025-04-17 09:30:00	5.04	47.21	7.12	14.49	1.15
SQU-US	2025-04-17 09:45:00	5.11	46.83	7.11	14.50	1.78
SQU-US	2025-04-17 10:00:00	5.18	47.21	7.16	14.52	1.39
SQU-US	2025-04-17 10:15:00	5.26	47.16	7.13	14.50	1.33
SQU-US	2025-04-17 10:30:00	5.36	47.36	7.10	14.51	1.39
SQU-US	2025-04-17 10:45:00	5.44	46.74	7.07	14.49	2.32
SQU-US	2025-04-17 11:00:00	5.53	46.67	7.13	14.51	1.24
SQU-US	2025-04-17 11:15:00	5.63	46.47	7.13	14.48	1.35
SQU-US	2025-04-17 11:30:00	5.71	46.23	7.01	14.50	1.84
SQU-US	2025-04-17 11:45:00	5.82	46.33	7.11	14.48	1.22
SQU-US	2025-04-17 12:00:00	5.91	46.15	7.12	14.47	1.36
SQU-US	2025-04-17 12:15:00	6.01	46.05	7.18	14.46	1.61
SQU-US	2025-04-17 12:30:00	6.09	45.92	7.17	14.45	1.06
SQU-US	2025-04-17 12:45:00	6.18	45.98	7.14	14.43	1.79
SQU-US	2025-04-17 13:00:00	6.25	46.05	7.15	14.42	1.54
SQU-US	2025-04-17 13:15:00	6.34	46.09	7.16	14.40	1.26
SQU-US	2025-04-17 13:30:00	6.44	46.05	7.15	14.38	1.07
SQU-US	2025-04-17 13:45:00	6.53	45.93	7.08		1.49
SQU-US	2025-04-17 14:00:00	6.62	45.92	7.15	14.35	1.37
SQU-US	2025-04-17 14:15:00	6.72	46.06	7.08		1.28
SQU-US	2025-04-17 14:30:00	6.81	46.17	7.17	14.29	1.00
SQU-US	2025-04-17 14:45:00	6.90	46.20	7.15	14.26	1.10
SQU-US	2025-04-17 15:00:00	6.98	46.09	7.14		1.50
SQU-US	2025-04-17 15:15:00	7.07	46.27	7.16	14.23	1.19
SQU-US	2025-04-17 15:30:00	7.13	46.27	7.16		1.15
SQU-US	2025-04-17 15:45:00	7.19	46.10	7.14		2.10
SQU-US	2025-04-17 16:00:00	7.26	46.52	7.14		1.17
SQU-US	2025-04-17 16:15:00	7.28	46.43	7.18		1.26
SQU-US	2025-04-17 16:30:00	7.31	46.23	7.17		0.72
SQU-US	2025-04-17 16:45:00	7.34	46.47	7.18	14.10	0.82
SQU-US	2025-04-17 17:00:00	7.36	46.27	7.15		1.47
SQU-US	2025-04-17 17:15:00	7.36	46.22	7.10	14.06	0.84
SQU-US	2025-04-17 17:30:00	7.35	46.32	7.11	14.06	1.01

Squamish River						
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-US	2025-04-17 17:45:00	7.28	46.64	7.14	14.02	1.42
SQU-US	2025-04-17 18:00:00	7.26	46.78	7.14	13.98	1.64
SQU-US	2025-04-17 18:15:00	7.22	46.45	7.17	13.99	0.91
SQU-US	2025-04-17 18:30:00	7.19	46.64	7.11	13.97	1.18
SQU-US	2025-04-17 18:45:00	7.14	46.60	7.13	13.95	1.10
SQU-US	2025-04-17 19:00:00	7.08	46.56	7.15	13.94	0.78
SQU-US	2025-04-17 19:15:00	7.05	46.91	7.08	13.90	0.72
SQU-US	2025-04-17 19:30:00	7.00	46.91	7.13		1.08
SQU-US	2025-04-17 19:45:00	7.00	46.77	7.06	13.87	0.97
SQU-US	2025-04-17 20:00:00	6.99	46.72	7.19	13.85	1.43
SQU-US	2025-04-17 20:15:00	6.96	46.57	7.22	13.85	1.16
SQU-US	2025-04-17 20:30:00	6.94	46.27	7.20	13.83	1.01
SQU-US	2025-04-17 20:45:00	6.93	46.07	7.22	13.82	1.45
SQU-US	2025-04-17 21:00:00	6.91	45.89	7.12	13.81	1.01
SQU-US	2025-04-17 21:15:00	6.88	46.02	7.22	13.79	1.42
SQU-US	2025-04-17 21:30:00	6.90	46.53	7.22	13.75	1.13
SQU-US	2025-04-17 21:45:00	6.87	47.07	7.18	13.75	1.16
SQU-US	2025-04-17 22:00:00	6.86	47.00	7.15		1.30
SQU-US	2025-04-17 22:15:00	6.85	47.18	7.23		1.04
SQU-US	2025-04-17 22:30:00	6.85	47.23	7.20	13.72	0.96
SQU-US	2025-04-17 22:45:00	6.84	48.08	7.19	13.71	1.65
SQU-US	2025-04-17 23:00:00	6.82	48.02	7.21	13.70	1.26
SQU-US	2025-04-17 23:15:00	6.79	47.25	7.22	13.71	1.02
SQU-US	2025-04-17 23:30:00	6.78	47.76	7.21	13.71	1.17
SQU-US	2025-04-17 23:45:00	6.75	47.50	7.21	13.73	1.18
SQU-US	2025-04-18 00:00:00	6.74	48.10	7.19	13.72	1.65
SQU-US	2025-04-18 00:15:00	6.72	48.07	7.20	13.71	0.99
SQU-US	2025-04-18 00:30:00	6.68	47.90	7.21	13.74	1.18
SQU-US	2025-04-18 00:45:00	6.67	48.19	7.21	13.72	1.96
SQU-US	2025-04-18 01:00:00	6.64	48.47	7.19	13.73	0.97
SQU-US	2025-04-18 01:15:00	6.61	48.17	7.16	13.74	1.70
SQU-US	2025-04-18 01:30:00	6.57	48.24	7.18	13.74	1.20
SQU-US	2025-04-18 01:45:00	6.54	48.43	7.19	13.74	1.56
SQU-US	2025-04-18 02:00:00	6.49	48.38	7.18	13.76	1.10
SQU-US	2025-04-18 02:15:00	6.45	48.29	7.14	13.77	1.78
SQU-US	2025-04-18 02:30:00	6.39	48.17	7.18	13.79	1.99
SQU-US	2025-04-18 02:45:00	6.33	48.32	7.16	13.79	1.38
SQU-US	2025-04-18 03:00:00	6.28	48.12	7.11	13.81	1.27
SQU-US	2025-04-18 03:15:00	6.22	47.86	7.12	13.84	1.22
SQU-US	2025-04-18 03:30:00	6.17	47.67	7.13	13.85	1.59
SQU-US	2025-04-18 03:45:00	6.10	47.21	7.16	13.87	1.51
SQU-US	2025-04-18 04:00:00	6.05	47.40	7.17	13.90	1.27
SQU-US	2025-04-18 04:15:00	6.01	47.24	7.15	13.91	1.48
SQU-US	2025-04-18 04:30:00	5.95	47.25	7.17	13.92	1.49
SQU-US	2025-04-18 04:45:00	5.90	47.06	7.14	13.94	2.65
SQU-US	2025-04-18 05:00:00	5.83	46.98	7.17	13.97	1.35
SQU-US	2025-04-18 05:15:00	5.80	46.94	7.12	13.97	1.92
SQU-US	2025-04-18 05:30:00	5.74	46.77	7.14	14.01	1.68
SQU-US	2025-04-18 05:45:00	5.69	47.09	7.16	14.01	1.69
SQU-US	2025-04-18 06:00:00	5.63	46.56	7.16	14.04	1.78
SQU-US	2025-04-18 06:15:00	5.58	46.65	7.16	14.07	1.52
SQU-US	2025-04-18 06:30:00	5.53	46.60	7.17	14.09	2.01
SQU-US	2025-04-18 06:45:00	5.47	46.55	7.19	14.10	1.13
SQU-US	2025-04-18 07:00:00	5.43	46.81	7.17	14.11	1.97
SQU-US	2025-04-18 07:15:00	5.39	46.61	7.19	14.16	1.81

Squamish River						
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-US	2025-04-18 07:30:00	5.35	46.62	7.19	14.20	1.52
SQU-US	2025-04-18 07:45:00	5.34	46.58	7.17	14.23	1.33
SQU-US	2025-04-18 08:00:00	5.30	46.55	7.19	14.27	1.53
SQU-US	2025-04-18 08:15:00	5.30	46.27	7.20	14.31	1.55
SQU-US	2025-04-18 08:30:00	5.31	46.84	7.19	14.30	1.41
SQU-US	2025-04-18 08:45:00	5.41	47.24	7.17	14.27	1.54
SQU-US	2025-04-18 09:00:00	5.55	47.10	7.14	14.20	2.47
SQU-US	2025-04-18 09:15:00	5.61	46.69	7.12	14.21	2.99
SQU-US	2025-04-18 09:30:00	5.56	47.25	7.14	14.27	2.05
SQU-US	2025-04-18 09:45:00	5.65	47.42	7.18	14.28	2.95
SQU-US	2025-04-18 10:00:00	5.80	47.69	7.17	14.23	3.26
SQU-US	2025-04-18 10:15:00	5.89	48.15	7.19	14.30	3.54
SQU-US	2025-04-18 10:30:00	6.03	48.08	7.17	14.35	2.39
SQU-US	2025-04-18 10:45:00	6.14	47.99	7.20	14.38	4.35
SQU-US	2025-04-18 11:00:00	6.19	48.10	7.11	14.38	5.44
SQU-US	2025-04-18 11:15:00	6.23	47.75	7.14	14.38	4.53
SQU-US	2025-04-18 11:30:00	6.28	47.22	7.14	14.39	5.84
SQU-US	2025-04-18 11:45:00	6.36	47.16	7.15	14.38	7.07
SQU-US	2025-04-18 12:00:00	6.44	47.12	7.11	14.35	8.13
SQU-US	2025-04-18 12:15:00	6.53	47.30	7.14	14.33	8.92
SQU-US	2025-04-18 12:30:00	6.63	47.45	7.16	14.34	6.55
SQU-US	2025-04-18 12:45:00	6.73	47.44	7.17	14.30	5.24
SQU-US	2025-04-18 13:00:00	6.82	47.37	7.21	14.30	4.59
SQU-US	2025-04-18 13:15:00	6.90	47.33	7.16	14.28	3.38
SQU-US	2025-04-18 13:30:00	6.96	46.98	7.16	14.27	3.39
SQU-US	2025-04-18 13:45:00	7.05	47.20	7.15	14.24	3.61
SQU-US	2025-04-18 14:00:00	7.16	47.15	7.20	14.20	3.61
SQU-US	2025-04-18 14:15:00	7.25	47.18	7.21	14.17	2.32
SQU-US	2025-04-18 14:30:00	7.35	47.19	7.13	14.16	2.63
SQU-US	2025-04-18 14:45:00	7.44	47.13	7.20	14.12	1.99
SQU-US	2025-04-18 15:00:00	7.52	47.09	7.13	14.12	1.64
SQU-US	2025-04-18 15:15:00	7.57	46.81	7.15	14.11	2.21
SQU-US	2025-04-18 15:30:00	7.58	46.84	7.16	14.05	1.53
SQU-US	2025-04-18 15:45:00	7.61	46.85	7.20	14.05	1.70
SQU-US	2025-04-18 16:00:00	7.63	47.07	7.12	14.03	1.56
SQU-US	2025-04-18 16:15:00	7.66	46.84	7.20	14.01	2.18
SQU-US	2025-04-18 16:30:00	7.66	46.81	7.16	13.99	1.48
SQU-US	2025-04-18 16:45:00	7.68	46.85	7.19	13.98	1.67
SQU-US	2025-04-18 17:00:00	7.72	46.70	7.20	13.97	1.55
SQU-US	2025-04-18 17:15:00	7.78	46.85	7.15	13.94	2.01
SQU-US	2025-04-18 17:30:00	7.83	47.12	7.21	13.91	1.88
SQU-US	2025-04-18 17:45:00	7.78	46.70	7.22	13.91	1.83
SQU-US	2025-04-18 18:00:00	7.79	46.88	7.18	13.89	1.88
SQU-US	2025-04-18 18:15:00	7.79	46.82	7.21	13.87	1.17
SQU-US	2025-04-18 18:30:00	7.78	46.55	7.18	13.86	1.74
SQU-US	2025-04-18 18:45:00	7.76	46.74	7.13	13.81	1.46
SQU-US	2025-04-18 19:00:00	7.72	46.84	7.16	13.79	1.92
SQU-US	2025-04-18 19:15:00	7.70	46.97	7.20	13.76	2.01
SQU-US	2025-04-18 19:30:00	7.67	46.89	7.20	13.75	1.72
SQU-US	2025-04-18 19:45:00	7.65	46.98	7.17	13.70	1.60
SQU-US	2025-04-18 20:00:00	7.64	47.07	7.10	13.67	1.77
SQU-US	2025-04-18 20:15:00	7.62	46.91	7.20	13.64	1.71
SQU-US	2025-04-18 20:30:00	7.63	47.01	7.20	13.62	1.95
SQU-US	2025-04-18 20:45:00	7.62	46.77	7.23	13.60	2.07
SQU-US	2025-04-18 21:00:00	7.59	46.44	7.23	13.58	1.94

Squamish River						
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-US	2025-04-18 21:15:00	7.59	46.35	7.23	13.57	1.93
SQU-US	2025-04-18 21:30:00	7.60	46.45	7.20	13.54	1.74
SQU-US	2025-04-18 21:45:00	7.59	46.09	7.18	13.52	2.34
SQU-US	2025-04-18 22:00:00	7.61	46.30	7.21	13.53	2.40
SQU-US	2025-04-18 22:15:00	7.60	46.40	7.23	13.52	1.83
SQU-US	2025-04-18 22:30:00	7.59	46.58	7.24	13.50	1.54
SQU-US	2025-04-18 22:45:00	7.58	46.64	7.21	13.51	1.61
SQU-US	2025-04-18 23:00:00	7.57	46.64	7.21	13.51	1.66
SQU-US	2025-04-18 23:15:00	7.55	46.72	7.23	13.49	2.13
SQU-US	2025-04-18 23:30:00	7.52	46.54	7.24	13.50	1.85
SQU-US	2025-04-18 23:45:00	7.49	46.04	7.25	13.53	2.02
SQU-US	2025-04-19 00:00:00	7.46	45.75	7.23	13.56	1.98
SQU-US	2025-04-19 00:15:00	7.44	46.01	7.25	13.56	2.24
SQU-US	2025-04-19 00:30:00	7.40	46.22	7.20	13.57	3.12
SQU-US	2025-04-19 00:45:00	7.39	46.62	7.20	13.56	1.82
SQU-US	2025-04-19 01:00:00	7.36	47.02	7.23	13.56	1.85
SQU-US	2025-04-19 01:15:00	7.34	46.78	7.24	13.56	2.07
SQU-US	2025-04-19 01:30:00	7.29	46.65	7.19	13.57	1.44
SQU-US	2025-04-19 01:45:00	7.25	46.62	7.23	13.60	1.93
SQU-US	2025-04-19 02:00:00	7.21	47.08	7.22	13.59	2.18
SQU-US	2025-04-19 02:15:00	7.19	47.31	7.20	13.58	2.04
SQU-US	2025-04-19 02:30:00	7.13	46.69	7.21	13.60	2.05
SQU-US	2025-04-19 02:45:00	7.05	46.62	7.21	13.63	2.30
SQU-US	2025-04-19 03:00:00	7.00	46.55	7.18	13.65	3.44
SQU-US	2025-04-19 03:15:00	6.95	46.28	7.21	13.66	2.19
SQU-US	2025-04-19 03:30:00	6.90	46.18	7.21	13.67	2.54
SQU-US	2025-04-19 03:45:00	6.85	45.68	7.18	13.69	2.31
SQU-US	2025-04-19 04:00:00	6.81	45.75	7.21	13.70	2.91
SQU-US	2025-04-19 04:15:00	6.75	45.57	7.18	13.73	3.01
SQU-US	2025-04-19 04:30:00	6.69	45.50	7.19	13.75	3.28
SQU-US	2025-04-19 04:45:00	6.64	45.36	7.19		2.65
SQU-US	2025-04-19 05:00:00	6.58	45.49	7.19	13.77	2.64
SQU-US	2025-04-19 05:15:00	6.51	45.25	7.17	13.81	1.98
SQU-US	2025-04-19 05:30:00	6.45	45.32	7.19	13.81	2.50
SQU-US	2025-04-19 05:45:00	6.39	44.81	7.20	13.85	2.31
SQU-US	2025-04-19 06:00:00	6.33	44.77	7.16	13.88	2.07
SQU-US	2025-04-19 06:15:00	6.28	44.69	7.18	13.89	4.20
SQU-US	2025-04-19 06:30:00	6.23	44.42	7.19	13.90	3.25
SQU-US	2025-04-19 06:45:00	6.18	44.00	7.19	13.96	3.00
SQU-US	2025-04-19 07:00:00	6.13	43.86	7.20	13.97	2.28
SQU-US	2025-04-19 07:15:00	6.08	43.72	7.20	14.02	2.76
SQU-US	2025-04-19 07:30:00	6.04	43.52	7.21		1.99
SQU-US	2025-04-19 07:45:00	6.01	43.51	7.17	14.07	2.63
SQU-US	2025-04-19 08:00:00	6.00	43.46	7.18	14.09	2.37
SQU-US	2025-04-19 08:15:00	5.98	43.43	7.21	14.12	2.30
SQU-US	2025-04-19 08:30:00	5.99	43.32	7.20	14.13	1.92
SQU-US	2025-04-19 08:45:00	6.01	43.45	7.17		2.66
SQU-US	2025-04-19 09:00:00	6.02	42.94	7.19	14.17	1.93
SQU-US	2025-04-19 09:15:00	6.04	42.78	7.22	14.19	2.23
SQU-US	2025-04-19 09:30:00	6.07	42.49	7.22		2.62
SQU-US	2025-04-19 09:45:00	6.10	42.56	7.22		2.26
SQU-US	2025-04-19 10:00:00	6.14	42.54	7.20		1.87
SQU-US	2025-04-19 10:15:00	6.21	42.89	7.21		2.10
SQU-US	2025-04-19 10:30:00	6.32	43.37	7.18		2.61
SQU-US	2025-04-19 10:45:00	6.37	43.31	7.20		1.72

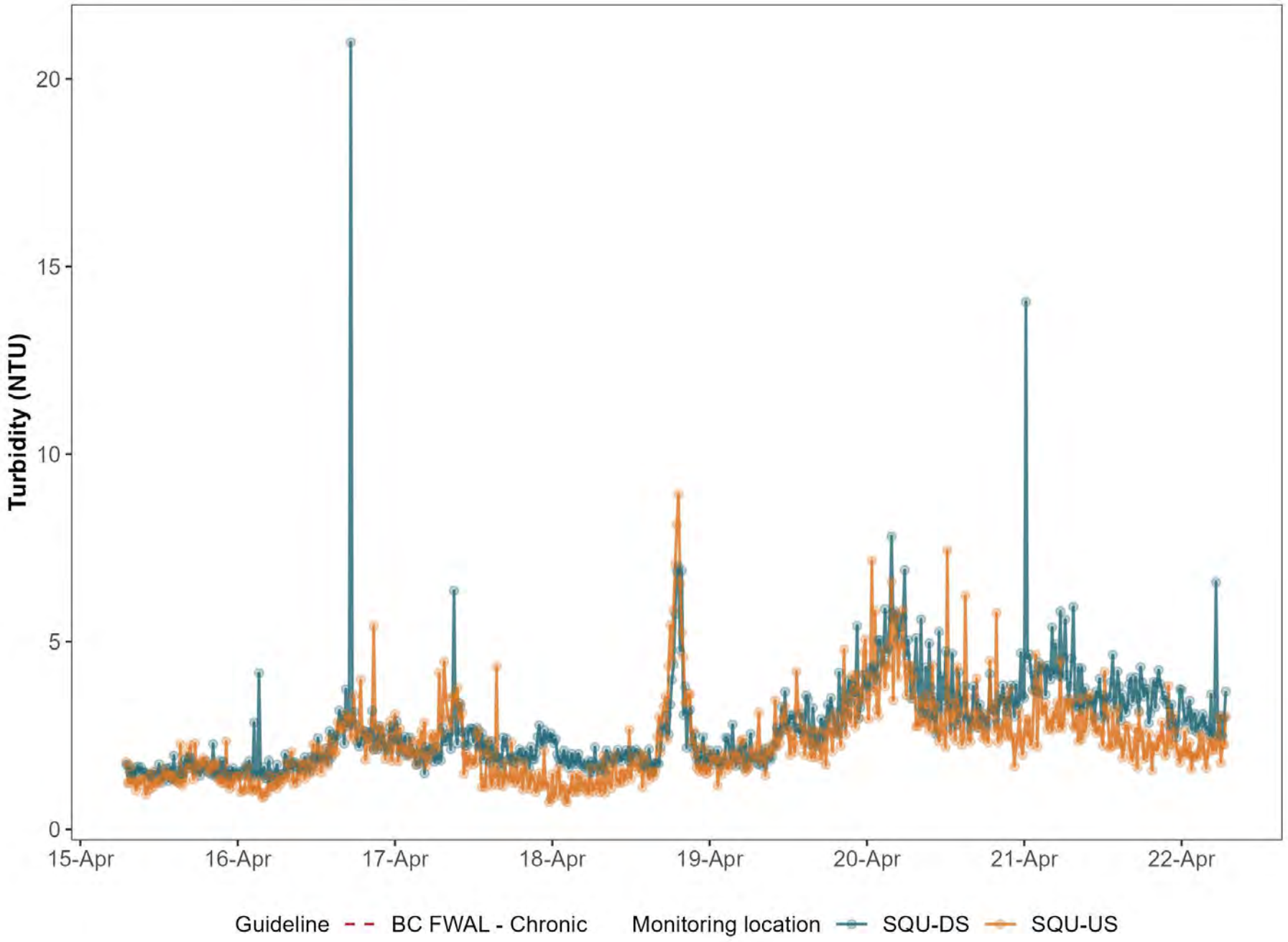
Squamish River						
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-US	2025-04-19 11:00:00	6.42	42.94	7.19		2.54
SQU-US	2025-04-19 11:15:00	6.54	43.18	7.13	14.17	2.91
SQU-US	2025-04-19 11:30:00	6.66	43.22	7.19		2.59
SQU-US	2025-04-19 11:45:00	6.78	43.04	7.16		2.08
SQU-US	2025-04-19 12:00:00	6.89	42.35	7.19		3.08
SQU-US	2025-04-19 12:15:00	6.94	42.17	7.19		2.59
SQU-US	2025-04-19 12:30:00	6.94	41.80	7.19		2.55
SQU-US	2025-04-19 12:45:00	6.97	41.17	7.19	14.14	2.84
SQU-US	2025-04-19 13:00:00	7.05	41.95	7.20	14.11	2.23
SQU-US	2025-04-19 13:15:00	7.21	41.21	7.20	14.12	3.06
SQU-US	2025-04-19 13:30:00	7.24	40.74	7.15	14.12	4.79
SQU-US	2025-04-19 13:45:00	7.26	40.28	7.17	14.12	2.53
SQU-US	2025-04-19 14:00:00	7.30	40.22	7.22	14.12	3.52
SQU-US	2025-04-19 14:15:00	7.44	41.56	7.20	14.05	3.06
SQU-US	2025-04-19 14:30:00	7.42	40.87	7.22	14.07	2.84
SQU-US	2025-04-19 14:45:00	7.35	40.10	7.17	14.08	4.10
SQU-US	2025-04-19 15:00:00	7.33	39.63	7.18	14.10	3.73
SQU-US	2025-04-19 15:15:00	7.30	39.85	7.24	14.09	2.73
SQU-US	2025-04-19 15:30:00	7.34	39.80	7.22	14.07	4.15
SQU-US	2025-04-19 15:45:00	7.43	39.54	7.24	14.07	2.98
SQU-US	2025-04-19 16:00:00	7.49	39.21	7.17	14.08	3.77
SQU-US	2025-04-19 16:15:00	7.60	39.21	7.22	14.06	3.41
SQU-US	2025-04-19 16:30:00	7.66	39.14	7.26	14.04	4.72
SQU-US	2025-04-19 16:45:00	7.69	39.04	7.24		5.06
SQU-US	2025-04-19 17:00:00	7.71	39.30	7.24	14.01	3.53
SQU-US	2025-04-19 17:15:00	7.68	39.38	7.19	14.00	2.93
SQU-US	2025-04-19 17:30:00	7.63	39.65	7.21	13.99	4.09
SQU-US	2025-04-19 17:45:00	7.63	39.82	7.25	13.98	7.16
SQU-US	2025-04-19 18:00:00	7.68	40.20	7.23	13.95	3.68
SQU-US	2025-04-19 18:15:00	7.69	40.91	7.22	13.92	5.81
SQU-US	2025-04-19 18:30:00	7.64	40.71	7.24	13.91	3.19
SQU-US	2025-04-19 18:45:00	7.61	40.65	7.25	13.91	3.02
SQU-US	2025-04-19 19:00:00	7.53	40.71	7.24	13.91	4.06
SQU-US	2025-04-19 19:15:00	7.49	41.06	7.14	13.89	4.47
SQU-US	2025-04-19 19:30:00	7.42	40.85	7.22	13.88	4.79
SQU-US	2025-04-19 19:45:00	7.41	41.64	7.22	13.84	3.80
SQU-US	2025-04-19 20:00:00	7.37	41.52	7.21	13.85	4.34
SQU-US	2025-04-19 20:15:00	7.32	41.52	7.21	13.83	4.30
SQU-US	2025-04-19 20:30:00	7.27	41.63	7.20	13.81	4.99
SQU-US	2025-04-19 20:45:00	7.25	41.93	7.18	13.80	6.60
SQU-US	2025-04-19 21:00:00	7.20	41.53	7.20	13.79	3.44
SQU-US	2025-04-19 21:15:00	7.15	41.40	7.20	13.80	5.59
SQU-US	2025-04-19 21:30:00	7.12	41.55	7.20	13.79	5.76
SQU-US	2025-04-19 21:45:00	7.09	41.24	7.19	13.79	4.05
SQU-US	2025-04-19 22:00:00	7.03	40.98	7.21	13.81	4.89
SQU-US	2025-04-19 22:15:00	6.97	40.91	7.23	13.82	4.86
SQU-US	2025-04-19 22:30:00	6.92	40.61	7.18	13.84	5.87
SQU-US	2025-04-19 22:45:00	6.86	40.64	7.22	13.85	4.41
SQU-US	2025-04-19 23:00:00	6.81	40.67	7.21	13.86	3.58
SQU-US	2025-04-19 23:15:00	6.76	40.52	7.20	13.88	4.16
SQU-US	2025-04-19 23:30:00	6.72	39.90	7.22	13.90	4.36
SQU-US	2025-04-19 23:45:00	6.67	39.79	7.21	13.91	4.35
SQU-US	2025-04-20 00:00:00	6.62	39.97	7.19	13.93	3.50
SQU-US	2025-04-20 00:15:00	6.61	40.18	7.23	13.93	4.08
SQU-US	2025-04-20 00:30:00	6.56	40.29	7.21	13.94	2.75

Squamish River						
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-US	2025-04-20 00:45:00	6.52	40.54	7.20	13.95	2.75
SQU-US	2025-04-20 01:00:00	6.47	40.95	7.22	13.96	3.43
SQU-US	2025-04-20 01:15:00	6.43	41.89	7.18	13.94	2.86
SQU-US	2025-04-20 01:30:00	6.39	41.34	7.20	13.96	3.31
SQU-US	2025-04-20 01:45:00	6.33	41.78	7.21	13.97	2.85
SQU-US	2025-04-20 02:00:00	6.31	42.00	7.20	13.97	3.58
SQU-US	2025-04-20 02:15:00	6.25	42.76	7.17	13.98	2.86
SQU-US	2025-04-20 02:30:00	6.20	41.83	7.18	14.01	2.64
SQU-US	2025-04-20 02:45:00	6.15	41.81	7.16	14.04	3.37
SQU-US	2025-04-20 03:00:00	6.11	41.95	7.19	14.06	4.37
SQU-US	2025-04-20 03:15:00	6.10	42.53	7.20	14.05	2.69
SQU-US	2025-04-20 03:30:00	6.06	42.24	7.16	14.05	3.31
SQU-US	2025-04-20 03:45:00	6.03	42.52	7.17	14.05	2.62
SQU-US	2025-04-20 04:00:00	5.99	42.05	7.19	14.06	2.34
SQU-US	2025-04-20 04:15:00	5.94	41.98	7.17	14.09	3.04
SQU-US	2025-04-20 04:30:00	5.92	41.87	7.17	14.11	2.52
SQU-US	2025-04-20 04:45:00	5.87	41.90	7.15	14.12	2.86
SQU-US	2025-04-20 05:00:00	5.87	41.92	7.18	14.11	2.18
SQU-US	2025-04-20 05:15:00	5.82	41.57	7.17	14.12	7.44
SQU-US	2025-04-20 05:30:00	5.80	41.45	7.16	14.15	3.13
SQU-US	2025-04-20 05:45:00	5.77	41.41	7.19	14.15	2.53
SQU-US	2025-04-20 06:00:00	5.73	41.03	7.15	14.19	3.08
SQU-US	2025-04-20 06:15:00	5.70	41.09	7.13	14.19	3.42
SQU-US	2025-04-20 06:30:00	5.67	41.03	7.10	14.19	2.38
SQU-US	2025-04-20 06:45:00	5.65	41.21	7.10	14.20	4.33
SQU-US	2025-04-20 07:00:00	5.62	41.13	7.16	14.21	3.09
SQU-US	2025-04-20 07:15:00	5.60	41.01	7.18	14.24	2.76
SQU-US	2025-04-20 07:30:00	5.57	40.74	7.17	14.26	2.25
SQU-US	2025-04-20 07:45:00	5.56	40.82	7.16	14.29	2.49
SQU-US	2025-04-20 08:00:00	5.56	41.00	7.14	14.30	6.23
SQU-US	2025-04-20 08:15:00	5.56	40.80	7.20	14.32	3.52
SQU-US	2025-04-20 08:30:00	5.57	40.98	7.20	14.33	2.47
SQU-US	2025-04-20 08:45:00	5.58	41.08	7.18	14.35	2.33
SQU-US	2025-04-20 09:00:00	5.59	41.14	7.20	14.36	3.11
SQU-US	2025-04-20 09:15:00	5.61	40.91	7.15	14.38	2.75
SQU-US	2025-04-20 09:30:00	5.65	40.86	7.18	14.40	2.83
SQU-US	2025-04-20 09:45:00	5.70	40.71	7.19	14.41	4.02
SQU-US	2025-04-20 10:00:00	5.75	40.89	7.20	14.43	2.71
SQU-US	2025-04-20 10:15:00	5.84	41.15	7.21	14.41	2.70
SQU-US	2025-04-20 10:30:00	5.91	41.46	7.18	14.39	3.12
SQU-US	2025-04-20 10:45:00	5.97	41.89	7.20	14.40	2.42
SQU-US	2025-04-20 11:00:00	6.06	42.26	7.18	14.38	2.49
SQU-US	2025-04-20 11:15:00	6.15	42.52	7.18	14.35	2.95
SQU-US	2025-04-20 11:30:00	6.20	42.31	7.19	14.34	2.32
SQU-US	2025-04-20 11:45:00	6.23	42.51	7.20	14.34	4.50
SQU-US	2025-04-20 12:00:00	6.31	42.71	7.21	14.32	3.14
SQU-US	2025-04-20 12:15:00	6.35	42.73	7.19	14.30	3.31
SQU-US	2025-04-20 12:30:00	6.37	42.77	7.17	14.30	2.62
SQU-US	2025-04-20 12:45:00	6.45	42.72	7.16	14.29	5.76
SQU-US	2025-04-20 13:00:00	6.56	42.72	7.17	14.26	2.32
SQU-US	2025-04-20 13:15:00	6.51	41.87	7.14	14.28	2.73
SQU-US	2025-04-20 13:30:00	6.61	42.66	7.18	14.25	2.44
SQU-US	2025-04-20 13:45:00	6.76	41.80	7.22	14.26	2.68
SQU-US	2025-04-20 14:00:00	6.85	41.57	7.18	14.24	3.48
SQU-US	2025-04-20 14:15:00	6.89	41.29	7.18	14.25	2.75

Squamish River						
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-US	2025-04-20 14:30:00	6.89	40.92	7.23	14.23	2.49
SQU-US	2025-04-20 14:45:00	6.88	41.16	7.17	14.23	3.74
SQU-US	2025-04-20 15:00:00	6.88	41.40	7.22	14.21	2.50
SQU-US	2025-04-20 15:15:00	6.95	42.00	7.21	14.17	2.42
SQU-US	2025-04-20 15:30:00	7.03	42.43	7.22	14.12	1.68
SQU-US	2025-04-20 15:45:00	7.14	43.13	7.13	14.09	2.24
SQU-US	2025-04-20 16:00:00	7.20	43.00	7.20	14.09	2.45
SQU-US	2025-04-20 16:15:00	7.26	42.42	7.19	14.11	3.15
SQU-US	2025-04-20 16:30:00	7.31	42.40	7.20	14.08	2.31
SQU-US	2025-04-20 16:45:00	7.28	41.99	7.23	14.10	2.00
SQU-US	2025-04-20 17:00:00	7.28	42.01	7.21	14.04	2.57
SQU-US	2025-04-20 17:15:00	7.24	41.76	7.18	14.05	2.93
SQU-US	2025-04-20 17:30:00	7.24	42.41	7.23	14.02	2.48
SQU-US	2025-04-20 17:45:00	7.21	43.04	7.20	14.00	2.96
SQU-US	2025-04-20 18:00:00	7.17	42.44	7.20	14.03	2.25
SQU-US	2025-04-20 18:15:00	7.10	42.65	7.21	14.01	2.48
SQU-US	2025-04-20 18:30:00	7.01	42.58	7.18	14.02	3.66
SQU-US	2025-04-20 18:45:00	7.01	42.69	7.19	14.00	4.66
SQU-US	2025-04-20 19:00:00	6.98	42.78	7.21	14.00	2.20
SQU-US	2025-04-20 19:15:00	6.92	42.77	7.19	13.98	3.69
SQU-US	2025-04-20 19:30:00	6.89	42.71	7.22	13.99	4.36
SQU-US	2025-04-20 19:45:00	6.88	42.67	7.21	13.96	3.05
SQU-US	2025-04-20 20:00:00	6.85	42.78	7.22	13.94	3.19
SQU-US	2025-04-20 20:15:00	6.82	43.08	7.19	13.94	3.35
SQU-US	2025-04-20 20:30:00	6.79	43.14	7.19	13.90	2.67
SQU-US	2025-04-20 20:45:00	6.77	43.54	7.16	13.86	2.85
SQU-US	2025-04-20 21:00:00	6.74	43.57	7.18	13.88	2.92
SQU-US	2025-04-20 21:15:00	6.74	43.57	7.19	13.85	2.63
SQU-US	2025-04-20 21:30:00	6.73	43.62	7.16	13.82	3.14
SQU-US	2025-04-20 21:45:00	6.73	43.63	7.19	13.82	2.95
SQU-US	2025-04-20 22:00:00	6.71	43.67	7.18	13.79	3.38
SQU-US	2025-04-20 22:15:00	6.71	43.55	7.18	13.80	2.73
SQU-US	2025-04-20 22:30:00	6.70	43.71	7.17	13.80	4.50
SQU-US	2025-04-20 22:45:00	6.68	43.33	7.14	13.82	2.68
SQU-US	2025-04-20 23:00:00	6.67	43.11	7.18	13.80	2.87
SQU-US	2025-04-20 23:15:00	6.64	43.10	7.21	13.82	3.35
SQU-US	2025-04-20 23:30:00	6.59	42.77	7.14	13.82	3.46
SQU-US	2025-04-20 23:45:00	6.57	42.54	7.20	13.84	3.16
SQU-US	2025-04-21 00:00:00	6.52	42.41	7.21	13.84	3.36
SQU-US	2025-04-21 00:15:00	6.49	42.24	7.21	13.87	3.46
SQU-US	2025-04-21 00:30:00	6.46	42.42	7.22	13.89	2.75
SQU-US	2025-04-21 00:45:00	6.42	42.24	7.22	13.91	2.68
SQU-US	2025-04-21 01:00:00	6.37	42.26	7.22	13.90	3.03
SQU-US	2025-04-21 01:15:00	6.32	42.18	7.22	13.92	2.34
SQU-US	2025-04-21 01:30:00	6.27	42.30	7.22	13.95	3.50
SQU-US	2025-04-21 01:45:00	6.21	42.36	7.21	13.96	2.40
SQU-US	2025-04-21 02:00:00	6.16	42.59	7.22	13.98	3.11
SQU-US	2025-04-21 02:15:00	6.13	43.26	7.21	13.98	2.59
SQU-US	2025-04-21 02:30:00	6.09	43.72	7.18	13.97	2.86
SQU-US	2025-04-21 02:45:00	6.05	44.18	7.18	13.97	3.51
SQU-US	2025-04-21 03:00:00	5.99	43.82	7.21	14.00	3.60
SQU-US	2025-04-21 03:15:00	5.99	44.57	7.16	13.97	3.02
SQU-US	2025-04-21 03:30:00	5.96	44.98	7.17	13.99	2.74
SQU-US	2025-04-21 03:45:00	5.90	44.95	7.20	14.01	2.99
SQU-US	2025-04-21 04:00:00	5.89	44.64	7.16	14.02	2.57

Squamish River						
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-US	2025-04-21 04:15:00	5.87	45.28	7.16	14.00	2.66
SQU-US	2025-04-21 04:30:00	5.86	45.22	7.19	14.00	2.76
SQU-US	2025-04-21 04:45:00	5.84	45.28	7.18	14.02	2.56
SQU-US	2025-04-21 05:00:00	5.83	45.07	7.16	14.02	2.24
SQU-US	2025-04-21 05:15:00	5.80	44.93	7.16	14.02	4.20
SQU-US	2025-04-21 05:30:00	5.77	44.54	7.16	14.07	3.25
SQU-US	2025-04-21 05:45:00	5.74	44.72	7.17	14.05	3.02
SQU-US	2025-04-21 06:00:00	5.72	44.47	7.16	14.06	2.17
SQU-US	2025-04-21 06:15:00	5.70	44.62	7.14	14.05	2.20
SQU-US	2025-04-21 06:30:00	5.67	44.56	7.16	14.08	3.09
SQU-US	2025-04-21 06:45:00	5.64	44.18	7.16	14.10	2.55
SQU-US	2025-04-21 07:00:00	5.61	44.16	7.17	14.11	2.26
SQU-US	2025-04-21 07:15:00	5.58	44.13	7.14	14.13	3.25
SQU-US	2025-04-21 07:30:00	5.57	44.24	7.16	14.15	2.29
SQU-US	2025-04-21 07:45:00	5.55	44.42	7.16	14.16	2.45
SQU-US	2025-04-21 08:00:00	5.53	44.44	7.17	14.18	1.91
SQU-US	2025-04-21 08:15:00	5.51	44.13	7.09	14.22	2.19
SQU-US	2025-04-21 08:30:00	5.51	44.07	7.13	14.26	2.75
SQU-US	2025-04-21 08:45:00	5.53	44.37	7.16	14.28	2.75
SQU-US	2025-04-21 09:00:00	5.58	44.47	7.16	14.30	2.38
SQU-US	2025-04-21 09:15:00	5.63	44.51	7.20	14.34	1.98
SQU-US	2025-04-21 09:30:00	5.69	44.25	7.20	14.36	1.83
SQU-US	2025-04-21 09:45:00	5.75	44.27	7.19	14.36	2.17
SQU-US	2025-04-21 10:00:00	5.82	44.64	7.21	14.36	2.69
SQU-US	2025-04-21 10:15:00	5.91	45.15	7.19	14.34	1.65
SQU-US	2025-04-21 10:30:00	6.01	45.01	7.18	14.36	3.10
SQU-US	2025-04-21 10:45:00	6.11	45.20	7.20	14.33	2.35
SQU-US	2025-04-21 11:00:00	6.21	45.31	7.20	14.33	2.62
SQU-US	2025-04-21 11:15:00	6.29	45.13	7.19	14.32	1.87
SQU-US	2025-04-21 11:30:00	6.40	45.30	7.19	14.31	2.17
SQU-US	2025-04-21 11:45:00	6.48	45.21	7.20	14.29	1.93
SQU-US	2025-04-21 12:00:00	6.58	45.19	7.22	14.30	2.56
SQU-US	2025-04-21 12:15:00	6.69	45.76	7.20	14.26	2.26
SQU-US	2025-04-21 12:30:00	6.79	45.95	7.19	14.25	1.57
SQU-US	2025-04-21 12:45:00	6.89	45.64	7.20	14.24	2.23
SQU-US	2025-04-21 13:00:00	6.98	45.75	7.18	14.23	2.22
SQU-US	2025-04-21 13:15:00	7.08	45.47	7.16	14.20	2.09
SQU-US	2025-04-21 13:30:00	7.12	45.89	7.17	14.18	2.49
SQU-US	2025-04-21 13:45:00	7.13	45.68	7.12	14.15	2.35
SQU-US	2025-04-21 14:00:00	7.10	45.54	7.21	14.16	2.85
SQU-US	2025-04-21 14:15:00	7.21	45.89	7.19	14.12	2.40
SQU-US	2025-04-21 14:30:00	7.41	45.74	7.20	14.13	1.95
SQU-US	2025-04-21 14:45:00	7.50	45.82	7.20	14.11	2.11
SQU-US	2025-04-21 15:00:00	7.48	45.70	7.20	14.09	3.83
SQU-US	2025-04-21 15:15:00	7.50	45.92	7.20	14.07	2.28
SQU-US	2025-04-21 15:30:00	7.49	45.85	7.19	14.06	2.27
SQU-US	2025-04-21 15:45:00	7.56	45.68	7.21	14.04	3.06
SQU-US	2025-04-21 16:00:00	7.53	45.60	7.22	14.04	2.63
SQU-US	2025-04-21 16:15:00	7.50	45.77	7.21	14.03	2.17
SQU-US	2025-04-21 16:30:00	7.48	45.68	7.19	14.05	1.98
SQU-US	2025-04-21 16:45:00	7.44	45.85	7.23	14.03	1.79
SQU-US	2025-04-21 17:00:00	7.35	45.67	7.24	14.02	2.07
SQU-US	2025-04-21 17:15:00	7.31	45.85	7.16	14.04	2.06
SQU-US	2025-04-21 17:30:00	7.30	45.83	7.24	14.02	2.60
SQU-US	2025-04-21 17:45:00	7.26	45.83	7.23	14.02	1.98

Squamish River						
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-US	2025-04-21 18:00:00	7.24	45.82	7.24	13.99	2.02
SQU-US	2025-04-21 18:15:00	7.23	45.91	7.18	13.97	2.31
SQU-US	2025-04-21 18:30:00	7.21	45.99	7.17	13.99	1.60
SQU-US	2025-04-21 18:45:00	7.19	46.14	7.21	13.98	1.94
SQU-US	2025-04-21 19:00:00	7.18	46.17	7.21	13.93	1.95
SQU-US	2025-04-21 19:15:00	7.14	46.44	7.22	13.94	1.91
SQU-US	2025-04-21 19:30:00	7.11	46.25	7.20	13.93	2.03
SQU-US	2025-04-21 19:45:00	7.07	46.49	7.21	13.91	2.53
SQU-US	2025-04-21 20:00:00	7.04	46.64	7.18	13.88	2.11
SQU-US	2025-04-21 20:15:00	7.00	46.81	7.21	13.87	2.47
SQU-US	2025-04-21 20:30:00	6.98	46.95	7.19	13.85	1.95
SQU-US	2025-04-21 20:45:00	6.96	46.76	7.20	13.82	1.64
SQU-US	2025-04-21 21:00:00	6.92	47.16	7.20	13.80	2.04
SQU-US	2025-04-21 21:15:00	6.91	47.17	7.17	13.78	2.33
SQU-US	2025-04-21 21:30:00	6.89	46.96	7.20	13.78	2.33
SQU-US	2025-04-21 21:45:00	6.88	47.38	7.19	13.76	2.11
SQU-US	2025-04-21 22:00:00	6.86	47.40	7.19	13.74	2.31
SQU-US	2025-04-21 22:15:00	6.82	47.01	7.15	13.75	2.11
SQU-US	2025-04-21 22:30:00	6.79	46.87	7.16	13.75	2.49
SQU-US	2025-04-21 22:45:00	6.77	47.60	7.16	13.75	3.00
SQU-US	2025-04-21 23:00:00	6.74	47.46	7.16	13.73	1.78
SQU-US	2025-04-21 23:15:00	6.70	47.14	7.15	13.76	2.24
SQU-US	2025-04-21 23:30:00	6.67	47.02	7.18	13.77	2.27
SQU-US	2025-04-21 23:45:00	6.64	47.17	7.18	13.77	3.01


Turbidity (NTU)
20
15
10
5
0
15-Apr
16-Apr
17-Apr
18-Apr
19-Apr
20-Apr
21-Apr
22-Apr
Guideline
BC FWAL - Chronic
Monitoring location
SQU-DS
SQU-US

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

Woodfibre Site Sample Analysis

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	WLNG EOP 2025-04-15 10:15:00
In situ Parameters			
Field pH	pH Units	6.5 - 9	7.43
Field Temperature	°C	19	11.1
General Parameters			
pH	pH Units	-	7.31
Alkalinity (Total as $CaCO_3$)	mg/L	-	48
Alkalinity (PP as $CaCO_3$)	mg/L	-	<1
Hardness ($CaCO_3$)-Total	mg/L	-	55.1
Hardness ($CaCO_3$)-Dissolved	mg/L	-	53.7
Sulphide-Total	mg/L	-	<0.0018
Sulphide (as H_2S)	mg/L	-	<0.002
Un-ionized Hydrogen Sulfide as H_2S-Total	mg/L	-	<0.005
Un-ionized Hydrogen Sulfide as S-Total	mg/L	-	<0.005
Anions and Nutrients			
Ammonia (N)-Total	mg/L	14.7	0.024
Bicarbonate (HCO_3)	mg/L	-	58
Carbonate (CO_3)	mg/L	-	<1
Hydroxide (OH)	mg/L	-	<1
Nitrate (N)	mg/L	32.8	<0.02
Nitrite (N)	mg/L	0.06	<0.005
Nitrate plus Nitrite (N)	mg/L	-	<0.02
Nitrogen (N)-Total	mg/L	-	0.169
Phosphorus (P)-Total (4500-P)	mg/L	-	0.0033
Bromide (Br)	mg/L	-	<0.01
Chloride (Cl)	mg/L	600	9.8
Fluoride (F)	mg/L	0.4	0.14
Sulphate (SO_4)-Dissolved	mg/L	-	6.1
Total Metals			
Aluminum (Al)-Total	mg/L	-	0.132
Antimony (Sb)-Total	mg/L	0.25	0.000148
Arsenic (As)-Total	mg/L	-	0.000687
Barium (Ba)-Total	mg/L	-	0.00499
Beryllium (Be)-Total	mg/L	-	<0.00001
Bismuth (Bi)-Total	mg/L	-	<0.000005
Boron (B)-Total	mg/L	-	0.013
Cadmium (Cd)-Total	mg/L	-	0.000012
Calcium (Ca)-Total	mg/L	-	20.5
Cesium (Cs)-Total	mg/L	-	<0.00005
Chromium (Cr)-Total	mg/L	-	<0.0001
Chromium (Cr III)-Total	mg/L	-	<0.00099
Chromium (Cr VI)-Total	mg/L	-	0.0026
Cobalt (Co)-Total	mg/L	0.11	0.000042
Copper (Cu)-Total	mg/L	-	0.00163
Iron (Fe)-Total	mg/L	1	0.0245
Lead (Pb)-Total	mg/L	-	0.000181
Lithium (Li)-Total	mg/L	-	0.00232
Magnesium (Mg)-Total	mg/L	-	0.953
Manganese (Mn)-Total	mg/L	0.593	0.00696
Mercury (Hg)-Total	mg/L	-	<0.0000019
Molybdenum (Mo)-Total	mg/L	46	0.0173
Nickel (Ni)-Total	mg/L	-	0.000121

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	WLNG EOP 2025-04-15 10:15:00
Total Metals (Cont'd.)			
Phosphorus (P)-Total (ICPMS)	mg/L	-	<0.002
Potassium (K)-Total	mg/L	-	1.14
Rubidium (Rb)-Total	mg/L	-	0.00198
Selenium (Se)-Total	mg/L	-	0.000054
Silicon (Si)-Total	mg/L	-	5.5
Silver (Ag)-Total	mg/L	-	<0.000005
Sodium (Na)-Total	mg/L	-	5.55
Strontium (Sr)-Total	mg/L	-	0.0396
Sulphur (S)-Total	mg/L	-	3.4
Tellurium (Te)-Total	mg/L	-	<0.00002
Thallium (Tl)-Total	mg/L	-	0.000006
Thorium (Th)-Total	mg/L	-	<0.00005
Tin (Sn)-Total	mg/L	-	<0.0002
Titanium (Ti)-Total	mg/L	-	0.00085
Uranium (U)-Total	mg/L	0.0165	0.000381
Vanadium (V)-Total	mg/L	-	<0.0002
Zinc (Zn)-Total	mg/L	-	0.00719
Zirconium (Zr)-Total	mg/L	-	<0.0001
Dissolved Metals			
Aluminum (Al)-Dissolved	mg/L	-	0.0425
Antimony (Sb)-Dissolved	mg/L	-	0.000155
Arsenic (As)-Dissolved	mg/L	-	0.000622
Barium (Ba)-Dissolved	mg/L	-	0.00452
Beryllium (Be)-Dissolved	mg/L	-	<0.00001
Bismuth (Bi)-Dissolved	mg/L	-	<0.000005
Boron (B)-Dissolved	mg/L	-	0.012
Cadmium (Cd)-Dissolved	mg/L	0.000038	<0.000005
Calcium (Ca)-Dissolved	mg/L	-	20.1
Cesium (Cs)-Dissolved	mg/L	-	<0.00005
Chromium (Cr)-Dissolved	mg/L	-	<0.0001
Cobalt (Co)-Dissolved	mg/L	-	0.000036
Copper (Cu)-Dissolved	mg/L	0.00698498	0.000796
Iron (Fe)-Dissolved	mg/L	0.35	<0.001
Lead (Pb)-Dissolved	mg/L	-	0.0000392
Lithium (Li)-Dissolved	mg/L	-	0.0021
Manganese (Mn)-Dissolved	mg/L	-	0.00587
Magnesium (Mg)-Dissolved	mg/L	-	0.864
Mercury (Hg)-Dissolved	mg/L	-	<0.0000019
Molybdenum (Mo)-Dissolved	mg/L	-	0.0173
Nickel (Ni)-Dissolved	mg/L	0.0096	0.000105
Phosphorus (P)-Dissolved	mg/L	-	0.0022
Potassium (K)-Dissolved	mg/L	-	1
Rubidium (Rb)-Dissolved	mg/L	-	0.00171
Selenium (Se)-Dissolved	mg/L	-	0.000052
Silicon (Si)-Dissolved	mg/L	-	5.22
Silver (Ag)-Dissolved	mg/L	-	<0.000005
Sodium (Na)-Dissolved	mg/L	-	4.76
Strontium (Sr)-Dissolved	mg/L	-	0.0377
Sulphur (S)-Dissolved	mg/L	-	<3
Tellurium (Te)-Dissolved	mg/L	-	<0.00002
Thallium (Tl)-Dissolved	mg/L	-	0.0000051

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	WLNG EOP 2025-04-15 10:15:00
Dissolved Metals (Cont'd.)			
Thorium (Th)-Dissolved	mg/L	-	<0.000005
Tin (Sn)-Dissolved	mg/L	-	<0.0002
Titanium (Ti)-Dissolved	mg/L	-	<0.0005
Uranium (U)-Dissolved	mg/L	-	0.000303
Vanadium (V)-Dissolved	mg/L	-	<0.0002
Zinc (Zn)-Dissolved	mg/L	0.008432	0.00576
Zirconium (Zr)-Dissolved	mg/L	-	<0.0001
Inorganics			
Organic Carbon (C)-Total	mg/L	-	<0.5
Organic Carbon (C)-Dissolved	mg/L	-	<0.5
Solids-Total Dissolved	mg/L	-	74
Solids-Total Suspended	mg/L	26	2.4
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
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

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	WLNG EOP 2025-04-15 10:15:00
Organics (Cont'd.)			
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	-	0.0012
Tetrachloroethene	mg/L	-	0.00058
Toluene	mg/L	-	<0.0004
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
Acute Toxicity Testing			
Acute Rainbow Trout Toxicity Test LC50*	% effluent	100	>100

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.

LC50 Lethal concentration of test effluent which results in 50% mortality of test organisms.
An LC50 of 100 indicates a pass (no acute mortality).

Woodfibre Site WTP Discharge Field Notes and Logs

Water Quality Field Data Sheet

Project: FORTIS11234

Location Information

Site ID: WLNG-EOP **Date:** 15-04-2025

Site Name: WLNG **Time:** 10:51

Site UTM: Zone: E: **Crew:** JC

(NAD83) N: **Weather:** **Clear Sunny** Foggy Cloudy Rain Snow W

In Situ Parameters

pH: 7.43 DO: (mg/L)

Temp.: 11.1 (°C) Cond: 134 (us)

Turbidity: 0.51 FRNU

Visible Sheen: Y / **N**

Water Surface Condition: Clear Turbid Foaming Ice

Photo Record

Photo N/A

Photo N/A

Photo N/A

Observations

Figure 1 **WLNG Downstream sampling location.**

Figure 2 **WLNG Upstream Sampling Location.**

Figure 3 WLNG End Of Pipe Sampling Location.

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**April 14, 2025 to April 20, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **April 28, 2025**

Table of Contents:

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

Appendices:

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 (There were some spikes in NTU, but they did not lead to elevated NTU levels downstream). 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 April 14 was 175,689 m^3.

Daily Volume Summary:

Table 1: Discharge Volumes Daily Summary

Date	Location	Volume (m3)	Comments
April 14	Woodfibre (WF)	2,209	Exceeded discharge volume limit
April 15	WF	2,109	Exceeded discharge volume limit
April 16	WF	2,219	Exceeded discharge volume limit
April 17	WF	2,673	Exceeded discharge volume limit
April 18	WF	2,809	Exceeded discharge volume limit
April 19	WF	2,913	Exceeded discharge volume limit
April 20	WF	2,833	Exceeded discharge volume limit
	Total	17,765	None

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)
4/14/2025	0:00:00	7.5	2.006	9.1	175,689	11.3	116
4/14/2025	0:30:00	7.5	1.998	4.8	175,722	11.2	114
4/14/2025	0:45:00	7.5	1.976	5.8	175,752	11.2	114
4/14/2025	1:00:00	7.4	1.972	4.1	175,782	11.2	116
4/14/2025	1:15:00	7.5	1.953	4.3	175,811	11.2	114
4/14/2025	1:30:00	7.5	1.957	9.3	175,825	11.4	114
4/14/2025	1:45:00	7.5	2.021	3.2	175,844	11.2	115
4/14/2025	2:00:00	7.5	1.991	3.6	175,874	11.2	114
4/14/2025	2:15:00	7.4	1.961	3	175,904	11.3	116
4/14/2025	2:30:00	7.4	1.980	1.4	175,934	11.6	118
4/14/2025	2:45:00	7.4	1.995	1.1	175,956	11.9	117
4/14/2025	3:00:00	7.4	1.976	1.7	175,986	12	118
4/14/2025	3:15:00	7.4	1.995	6.8	175,989	12.6	264
4/14/2025	3:30:00	7.4	1.991	3	176,019	11.8	117
4/14/2025	3:45:00	7.4	1.968	0.9	176,044	11.7	117
4/14/2025	4:00:00	7.4	1.998	1.4	176,074	11.5	114
4/14/2025	4:15:00	7.4	1.987	2.9	176,104	11.4	113
4/14/2025	4:30:00	7.4	1.957	2.7	176,134	11.2	113
4/14/2025	5:00:00	7.3	2.017	2.6	176,161	11.5	116
4/14/2025	5:15:00	7.3	1.998	0.4	176,192	11.3	117
4/14/2025	5:30:00	7.3	1.987	0.9	176,222	11.4	118

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**April 14, 2025 to April 20, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **April 28, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/14/2025	5:45:00	7.3	1.968	4.8	176,251	11.5	118
4/14/2025	6:15:00	7.3	1.980	6.4	176,270	12	114
4/14/2025	6:30:00	7.3	2.029	5.4	176,299	11.2	115
4/14/2025	6:45:00	7.3	1.991	3.3	176,329	11.2	116
4/14/2025	7:00:00	7.3	2.014	3.9	176,359	11.2	116
4/14/2025	7:15:00	7.3	1.972	1.5	176,389	11.2	116
4/14/2025	7:30:00	7.3	1.957	2	176,418	11.2	116
4/14/2025	7:45:00	7.3	1.930	2.1	176,448	11.1	114
4/14/2025	8:00:00	7.3	1.889	3.3	176,476	11.1	116
4/14/2025	8:15:00	7.3	0.999	11.7	176,500	11.1	116
4/14/2025	9:00:00	7.3	2.101	2.1	176,555	11.3	116
4/14/2025	9:15:00	7.3	1.552	4.1	176,584	11.3	117
4/14/2025	10:00:00	7.3	2.097	1.6	176,604	11.4	117
4/14/2025	10:15:00	7.4	0.901	2.7	176,631	11.3	117
4/14/2025	10:30:00	7.3	2.067	0.7	176,657	11.3	117
4/14/2025	11:00:00	7.3	2.055	1	176,719	11.5	117
4/14/2025	11:15:00	7.4	1.559	9.6	176,748	11.8	119
4/14/2025	11:30:00	7.4	2.070	4.2	176,777	11.9	119
4/14/2025	12:00:00	7.4	2.112	3.1	176,810	12.2	119
4/14/2025	12:15:00	7.4	1.756	8.8	176,838	12.4	119
4/14/2025	12:30:00	7.4	2.112	1.5	176,867	12.4	119
4/14/2025	12:45:00	7.4	2.067	3.9	176,898	12.3	119
4/14/2025	13:15:00	7.4	1.586	2.8	176,927	12.4	118
4/14/2025	13:30:00	7.4	2.112	1.7	176,956	12.3	119
4/14/2025	13:45:00	7.4	2.086	2.5	176,988	12.3	119

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**April 14, 2025 to April 20, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **April 28, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/14/2025	14:00:00	7.4	2.074	3.1	177,019	12.3	119
4/14/2025	14:30:00	7.4	2.120	6.4	177,055	12.4	119
4/14/2025	14:45:00	7.4	2.086	2.2	177,087	12.4	119
4/14/2025	15:00:00	7.4	2.055	4.7	177,118	12.4	119
4/14/2025	15:30:00	7.4	2.142	2.6	177,149	12.7	119
4/14/2025	15:45:00	7.4	2.116	3.1	177,181	12.7	119
4/14/2025	16:15:00	7.4	1.590	11.5	177,194	14.8	258
4/14/2025	16:30:00	7.4	2.154	1.9	177,221	13.1	118
4/14/2025	16:45:00	7.4	2.120	4.6	177,253	12.9	116
4/14/2025	17:00:00	7.4	2.104	15.7	177,255	13.5	116
4/14/2025	17:15:00	7.4	1.575	5.9	177,283	12.7	115
4/14/2025	17:30:00	7.4	2.108	2.5	177,312	12.6	114
4/14/2025	17:45:00	7.4	2.120	5.5	177,344	12.5	114
4/14/2025	18:00:00	7.4	2.078	5.9	177,375	12.4	114
4/14/2025	18:30:00	7.4	2.104	2.9	177,401	12.4	113
4/14/2025	18:45:00	7.4	2.067	4.9	177,432	12.2	113
4/14/2025	19:15:00	7.4	1.238	8.7	177,457	12.2	113
4/14/2025	19:30:00	7.4	2.112	1.5	177,486	12	113
4/14/2025	19:45:00	7.4	2.131	2.2	177,518	12	113
4/14/2025	20:00:00	7.3	2.123	5.1	177,549	11.9	114
4/14/2025	20:15:00	7.3	2.059	6.6	177,568	11.8	113
4/14/2025	20:45:00	7.4	2.093	2.8	177,603	11.8	112
4/14/2025	21:00:00	7.4	2.078	3.4	177,634	11.9	111
4/14/2025	21:15:00	7.4	2.070	2.2	177,665	11.9	112
4/14/2025	21:30:00	7.4	2.044	5.3	177,696	11.9	112

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/14/2025	22:00:00	7.4	2.033	9.8	177,728	12.1	111
4/14/2025	22:15:00	7.4	2.029	3.5	177,759	11.8	111
4/14/2025	22:30:00	7.4	1.998	2.6	177,789	11.8	111
4/14/2025	23:00:00	7.4	2.048	2.8	177,836	11.6	111
4/14/2025	23:15:00	7.4	2.036	3.8	177,866	11.6	112
4/14/2025	23:30:00	7.4	2.014	5	177,897	11.5	111
4/15/2025	0:00:00	7.4	2.036	2.7	177,926	11.4	111
4/15/2025	0:15:00	7.4	2.017	2.6	177,956	11.4	111
4/15/2025	0:30:00	7.4	1.987	2.4	177,986	11.4	111
4/15/2025	0:45:00	7.4	1.991	3.4	178,016	11.5	115
4/15/2025	1:15:00	7.4	2.059	14.8	178,045	12.4	116
4/15/2025	1:30:00	7.4	1.964	2.4	178,074	11.8	118
4/15/2025	1:45:00	7.4	1.983	5.7	178,104	11.8	117
4/15/2025	2:30:00	7.4	2.097	1.1	178,151	11.6	117
4/15/2025	2:45:00	7.4	2.093	1.5	178,183	11.6	117
4/15/2025	3:00:00	7.4	2.059	5	178,214	11.8	118
4/15/2025	3:30:00	7.4	2.074	2.6	178,244	11.8	119
4/15/2025	3:45:00	7.4	2.048	3.7	178,275	11.8	119
4/15/2025	4:00:00	7.4	2.044	5.4	178,306	11.8	119
4/15/2025	4:45:00	7.4	2.078	2.4	178,357	11.8	119
4/15/2025	5:00:00	7.4	2.040	4.1	178,388	11.6	117
4/15/2025	5:30:00	7.4	2.040	3.3	178,442	11.8	119
4/15/2025	6:00:00	7.4	2.063	3.1	178,474	11.8	119
4/15/2025	6:30:00	7.4	2.078	7.9	178,530	11.8	119
4/15/2025	7:00:00	7.4	2.097	4.8	178,549	11.7	117

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/15/2025	7:15:00	7.4	1.578	22	178,580	11.6	117
4/15/2025	7:30:00	7.4	2.074	7.6	178,603	11.4	116
4/15/2025	8:00:00	7.4	1.113	12.6	178,632	11.4	114
4/15/2025	8:15:00	7.4	2.150	5.5	178,658	11.3	115
4/15/2025	8:30:00	7.3	2.139	6.4	178,690	11.3	116
4/15/2025	8:45:00	7.3	2.135	11.2	178,715	11.5	118
4/15/2025	9:30:00	7.4	2.146	1.9	178,754	11.4	114
4/15/2025	9:45:00	7.4	2.116	10.2	178,786	11.4	116
4/15/2025	10:15:00	7.4	2.112	2.8	178,808	11.6	116
4/15/2025	10:30:00	7.4	2.101	7.5	178,837	11.4	116
4/15/2025	10:45:00	7.4	2.097	1.2	178,868	11.5	117
4/15/2025	11:00:00	7.4	2.063	0.8	178,891	11.5	116
4/15/2025	11:30:00	7.4	2.101	1.1	178,933	11.6	117
4/15/2025	11:45:00	7.4	2.086	2.6	178,951	11.6	118
4/15/2025	12:00:00	7.4	2.086	3.5	178,982	11.6	118
4/15/2025	12:30:00	7.4	2.070	2.7	179,012	12.1	119
4/15/2025	12:45:00	7.4	2.086	2.3	179,036	12.1	119
4/15/2025	13:00:00	7.4	2.044	2.7	179,067	12.1	119
4/15/2025	13:15:00	7.4	2.021	5.5	179,098	12.1	119
4/15/2025	13:45:00	7.4	2.097	5.1	179,126	12.3	119
4/15/2025	14:00:00	7.5	2.093	7.7	179,158	12.4	119
4/15/2025	14:15:00	7.6	2.082	13.2	179,189	12.4	119
4/15/2025	15:00:00	7.5	2.142	3.6	179,239	12.3	117
4/15/2025	15:15:00	7.5	2.086	3.1	179,271	12.2	116
4/15/2025	15:30:00	7.4	2.093	3.3	179,302	12.1	115

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/15/2025	16:00:00	7.3	2.139	27.7	179,330	12.8	114
4/15/2025	16:15:00	7.3	2.104	2.9	179,362	12.1	114
4/15/2025	16:30:00	7.3	2.082	3.3	179,393	12.1	115
4/15/2025	17:00:00	7.4	2.089	4.3	179,424	12.3	114
4/15/2025	17:15:00	7.4	2.097	2.1	179,455	12.1	114
4/15/2025	17:30:00	7.4	2.131	6.4	179,486	12	114
4/15/2025	18:00:00	7.4	2.040	3.8	179,516	12	114
4/15/2025	18:15:00	7.4	2.025	4.2	179,546	12	114
4/15/2025	18:30:00	7.4	2.036	6	179,577	12	114
4/15/2025	19:00:00	7.4	2.108	10.3	179,605	12.2	114
4/15/2025	19:15:00	7.4	2.116	5.3	179,637	11.9	113
4/15/2025	19:30:00	7.3	2.089	6.1	179,668	11.8	114
4/15/2025	20:00:00	7.3	2.082	3.2	179,694	11.6	113
4/15/2025	20:15:00	7.3	2.070	4.1	179,724	11.6	113
4/15/2025	20:30:00	7.3	2.040	4.9	179,755	11.6	113
4/15/2025	20:45:00	7.3	1.540	9.2	179,784	11.6	113
4/15/2025	21:00:00	7.3	0.216	3	179,788	11.8	112
4/15/2025	21:15:00	7.4	2.029	2.3	179,809	11.5	111
4/15/2025	21:30:00	7.4	2.051	2.5	179,840	11.4	111
4/15/2025	21:45:00	7.4	2.051	3.5	179,858	11.4	111
4/15/2025	22:00:00	7.4	2.036	2.4	179,889	11.4	111
4/15/2025	22:15:00	7.4	2.021	3.9	179,920	11.4	111
4/15/2025	22:45:00	7.4	2.093	3.2	179,948	11.5	111
4/15/2025	23:00:00	7.4	2.044	3.1	179,979	11.5	111
4/15/2025	23:15:00	7.4	1.681	3	180,010	11.5	111

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/15/2025	23:45:00	7.4	2.082	3.6	180,035	11.5	112
4/16/2025	0:00:00	7.4	2.055	2.3	180,066	11.6	113
4/16/2025	0:30:00	7.4	2.044	2.5	180,086	12.3	116
4/16/2025	0:45:00	7.4	2.097	2.8	180,114	11.8	116
4/16/2025	1:00:00	7.4	2.082	1	180,145	12	118
4/16/2025	1:30:00	7.4	2.063	1.5	180,183	12.1	117
4/16/2025	1:45:00	7.4	2.044	1.7	180,214	12.1	117
4/16/2025	2:00:00	7.4	2.044	3.5	180,245	12	117
4/16/2025	2:15:00	7.4	2.048	4.3	180,276	12	118
4/16/2025	2:45:00	7.4	2.014	3.1	180,308	12	118
4/16/2025	3:00:00	7.4	2.021	2.2	180,339	12.1	118
4/16/2025	3:15:00	7.4	2.017	2.4	180,369	12.1	118
4/16/2025	3:45:00	7.4	2.044	4.5	180,399	12.5	119
4/16/2025	4:00:00	7.4	2.040	2.5	180,430	12.3	119
4/16/2025	4:15:00	7.4	2.036	1.8	180,460	12.3	120
4/16/2025	4:30:00	7.4	1.983	2.2	180,490	12.4	119
4/16/2025	4:45:00	7.4	2.002	2.3	180,520	12.5	119
4/16/2025	5:00:00	7.4	0.553	11.3	180,539	12.4	117
4/16/2025	5:30:00	7.4	1.987	1.7	180,570	12.3	119
4/16/2025	5:45:00	7.3	2.006	1	180,600	12.3	119
4/16/2025	6:00:00	7.3	1.503	2.8	180,626	12.3	119
4/16/2025	6:15:00	7.3	1.998	0	180,656	12.2	119
4/16/2025	6:45:00	7.3	1.968	2	180,681	11.9	116
4/16/2025	7:00:00	7.3	1.529	4.6	180,708	11.7	115
4/16/2025	7:15:00	7.3	1.980	2.2	180,737	11.5	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/16/2025	7:30:00	7.3	1.991	3.4	180,767	11.5	114
4/16/2025	8:00:00	7.3	1.518	10.1	180,794	11.6	116
4/16/2025	8:15:00	7.4	1.964	1	180,824	11.6	114
4/16/2025	8:30:00	7.4	1.964	1.8	180,853	11.6	113
4/16/2025	8:45:00	7.4	1.942	1.9	180,883	11.6	113
4/16/2025	9:00:00	7.4	0.874	4.8	180,905	11.7	113
4/16/2025	9:30:00	7.4	2.093	2.6	180,936	12.1	114
4/16/2025	9:45:00	7.4	2.063	2.2	180,967	12.1	116
4/16/2025	10:00:00	7.4	0.897	4.1	180,991	12.2	116
4/16/2025	10:15:00	7.4	2.055	2.2	181,020	12.4	116
4/16/2025	10:30:00	7.4	2.036	2.2	181,050	12.4	263
4/16/2025	11:00:00	7.4	1.575	13.3	181,082	12.9	265
4/16/2025	11:15:00	7.4	2.112	2	181,114	12.5	263
4/16/2025	11:30:00	7.4	2.146	3.7	181,146	12.6	263
4/16/2025	11:45:00	7.4	2.089	5.7	181,177	12.6	263
4/16/2025	12:15:00	7.4	2.078	2.6	181,211	12.8	262
4/16/2025	12:30:00	7.4	2.051	3.8	181,242	12.9	262
4/16/2025	12:45:00	7.4	2.033	4.4	181,273	12.9	262
4/16/2025	13:15:00	7.4	2.067	1.9	181,300	12.9	262
4/16/2025	13:30:00	7.4	2.025	5.8	181,331	12.8	262
4/16/2025	14:15:00	7.4	2.040	3.3	181,367	12.9	117
4/16/2025	14:45:00	7.4	2.014	6.2	181,400	13.4	261
4/16/2025	15:00:00	7.4	0.942	17.6	181,421	13.1	264
4/16/2025	15:15:00	7.4	2.067	8.7	181,451	13	263
4/16/2025	15:30:00	7.4	2.051	8	181,482	13.1	267

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/16/2025	15:45:00	7.3	2.033	10	181,513	12.9	265
4/16/2025	16:15:00	7.3	2.074	3.8	181,541	12.7	116
4/16/2025	16:30:00	7.3	2.059	3	181,572	12.7	116
4/16/2025	16:45:00	7.3	2.044	3.9	181,603	12.7	116
4/16/2025	17:00:00	7.3	1.590	17.4	181,626	12.7	262
4/16/2025	17:15:00	7.3	2.097	8.2	181,629	13.1	263
4/16/2025	17:30:00	7.3	2.097	2.7	181,661	12.8	263
4/16/2025	17:45:00	7.3	2.059	1.8	181,692	12.7	265
4/16/2025	18:15:00	7.3	2.150	8.8	181,722	12.9	262
4/16/2025	18:30:00	7.3	2.135	3.8	181,754	12.6	262
4/16/2025	18:45:00	7.3	2.120	3.7	181,786	12.5	114
4/16/2025	19:00:00	7.3	1.083	12.4	181,807	12.2	114
4/16/2025	19:15:00	7.3	2.169	3.2	181,838	12.4	114
4/16/2025	19:30:00	7.4	2.176	5.2	181,871	12.6	263
4/16/2025	19:45:00	7.4	0.609	29.5	181,897	12.5	263
4/16/2025	20:30:00	7.4	2.029	4.6	181,928	11.9	113
4/16/2025	20:45:00	7.4	2.059	3.7	181,958	11.9	112
4/16/2025	21:00:00	7.3	1.631	18.9	181,986	11.9	112
4/16/2025	21:15:00	7.4	2.082	4.6	182,017	11.8	111
4/16/2025	21:30:00	7.3	2.146	6.7	182,020	12.1	111
4/16/2025	21:45:00	7.4	2.116	3	182,052	11.7	111
4/16/2025	22:00:00	7.4	2.070	4.5	182,083	11.7	111
4/16/2025	22:15:00	7.4	2.078	3.5	182,114	11.7	111
4/16/2025	22:30:00	7.4	2.059	4.7	182,145	11.8	263
4/16/2025	22:45:00	7.5	2.029	6.8	182,176	11.9	265

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/16/2025	23:00:00	7.6	2.040	11.9	182,207	11.9	267
4/16/2025	23:15:00	7.6	2.116	16.7	182,223	11.9	267
4/16/2025	23:30:00	7.3	2.127	11.5	182,255	11.8	268
4/16/2025	23:45:00	7.5	2.097	12.9	182,286	11.7	265
4/17/2025	0:00:00	7.4	0.216	10.6	182,299	11.8	265
4/17/2025	0:15:00	7.4	2.127	26.9	182,306	11.9	265
4/17/2025	0:30:00	7.4	2.093	9.1	182,338	11.4	111
4/17/2025	0:45:00	7.3	2.059	11.3	182,370	11.3	110
4/17/2025	1:00:00	7.3	2.082	11	182,401	11.2	111
4/17/2025	1:30:00	7.3	2.074	10.1	182,437	11.1	112
4/17/2025	1:45:00	7.2	2.070	9.7	182,469	11.1	113
4/17/2025	2:00:00	7.2	2.078	12.3	182,500	11.1	114
4/17/2025	2:15:00	7.2	2.044	13.8	182,531	11.1	114
4/17/2025	2:30:00	7.2	2.044	16.5	182,561	11.1	114
4/17/2025	2:45:00	7.2	2.048	15.2	182,592	11.1	114
4/17/2025	3:00:00	7.2	2.010	11.8	182,622	11	114
4/17/2025	3:30:00	7.3	0.238	1.6	182,654	11.2	114
4/17/2025	3:45:00	7.3	2.112	3.1	182,674	11	113
4/17/2025	4:00:00	7.3	2.116	4.6	182,705	11	113
4/17/2025	4:15:00	7.3	2.108	3.5	182,735	11.1	114
4/17/2025	4:30:00	7.3	2.078	6.1	182,766	11.1	114
4/17/2025	4:45:00	7.3	2.048	7.2	182,797	11.1	114
4/17/2025	5:00:00	7.3	2.055	7.4	182,827	11.1	114
4/17/2025	5:15:00	7.3	1.983	10.8	182,858	11	114
4/17/2025	5:30:00	7.3	1.964	9.1	182,888	10.9	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/17/2025	5:45:00	7.3	1.798	11.2	182,916	10.9	114
4/17/2025	6:15:00	7.2	1.945	10.5	182,960	10.7	114
4/17/2025	6:30:00	7.2	1.957	8.4	182,989	10.7	114
4/17/2025	6:45:00	7.2	1.957	9.6	183,018	10.7	114
4/17/2025	7:00:00	7.2	1.945	12.3	183,048	10.7	114
4/17/2025	7:15:00	7.2	1.968	18.1	183,077	10.6	114
4/17/2025	7:30:00	7.2	1.968	20.8	183,106	10.6	114
4/17/2025	7:45:00	7.2	1.968	19.6	183,136	10.6	114
4/17/2025	8:00:00	7.2	0.776	21.2	183,158	10.6	114
4/17/2025	8:15:00	7.2	2.040	17.2	183,175	10.7	114
4/17/2025	8:30:00	7.2	2.029	17.5	183,205	10.7	114
4/17/2025	8:45:00	7.2	2.033	37.3	183,236	10.8	114
4/17/2025	9:00:00	7.2	1.438	121.7	183,262	10.8	116
4/17/2025	9:15:00	7.2	0.238	20.9	183,267	11.1	116
4/17/2025	9:30:00	7.3	2.059	20.3	183,294	11	116
4/17/2025	9:45:00	7.2	2.036	15.9	183,325	11	116
4/17/2025	10:00:00	7.2	1.480	17.4	183,352	11.1	116
4/17/2025	10:15:00	7.2	2.063	8.5	183,381	11.1	116
4/17/2025	10:30:00	7.2	2.070	13.5	183,412	11.2	116
4/17/2025	10:45:00	7.2	2.029	16.4	183,443	11.2	114
4/17/2025	11:00:00	7.2	1.484	17.5	183,470	11.3	113
4/17/2025	11:15:00	7.2	2.067	18.3	183,499	11.3	113
4/17/2025	11:30:00	7.2	2.051	49	183,530	11.3	112
4/17/2025	11:45:00	7.2	2.021	34.1	183,561	11.4	112
4/17/2025	12:00:00	7.2	0.961	29.8	183,584	11.4	112

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/17/2025	12:15:00	7.2	2.051	19.6	183,613	11.4	113
4/17/2025	12:30:00	7.2	0.261	19.1	183,636	11.6	113
4/17/2025	12:45:00	7.2	2.089	14.9	183,651	11.6	113
4/17/2025	13:00:00	7.2	1.094	17.1	183,675	11.5	113
4/17/2025	13:15:00	7.1	2.123	11.9	183,705	11.6	113
4/17/2025	13:30:00	7.2	2.082	8.9	183,736	11.6	113
4/17/2025	13:45:00	7.2	2.040	5.2	183,767	11.6	113
4/17/2025	14:00:00	7.2	1.484	5	183,794	11.7	113
4/17/2025	14:15:00	7.2	2.051	6.6	183,824	11.6	114
4/17/2025	14:30:00	7.2	2.002	8.8	183,854	11.6	113
4/17/2025	14:45:00	7.2	2.040	7.9	183,885	11.6	114
4/17/2025	15:00:00	7.2	1.484	52.5	183,911	11.6	114
4/17/2025	15:15:00	7.2	2.025	10.4	183,941	11.7	113
4/17/2025	15:30:00	7.2	2.021	7.3	183,971	11.6	114
4/17/2025	15:45:00	7.2	1.972	6.1	184,001	11.7	114
4/17/2025	16:00:00	7.3	1.495	4.8	184,028	11.8	113
4/17/2025	16:15:00	7.3	2.051	6.3	184,057	11.8	114
4/17/2025	16:30:00	7.3	2.051	5.1	184,088	11.9	114
4/17/2025	16:45:00	7.3	2.014	4	184,118	11.9	114
4/17/2025	17:00:00	7.3	1.506	10.6	184,145	11.9	114
4/17/2025	17:15:00	7.3	2.097	4	184,175	11.9	114
4/17/2025	17:30:00	7.3	2.082	4	184,206	11.8	114
4/17/2025	17:45:00	7.3	2.017	4.9	184,237	11.8	114
4/17/2025	18:00:00	7.3	1.514	15	184,263	11.8	114
4/17/2025	18:15:00	7.3	2.176	7	184,293	11.7	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/17/2025	18:30:00	7.3	2.139	4.6	184,325	11.6	113
4/17/2025	19:00:00	7.3	1.624	9.2	184,386	11.5	112
4/17/2025	19:15:00	7.3	2.207	3.2	184,417	11.4	112
4/17/2025	19:30:00	7.3	2.135	4.5	184,450	11.4	112
4/17/2025	19:45:00	7.2	2.101	5.8	184,482	11.4	112
4/17/2025	20:15:00	7.2	2.161	9.5	184,540	11.8	112
4/17/2025	20:30:00	7.1	2.343	5.6	184,573	12.1	112
4/17/2025	20:45:00	7.1	2.260	4.6	184,606	11.3	112
4/17/2025	21:00:00	7.1	2.324	5.2	184,631	11.2	111
4/17/2025	21:15:00	7.1	2.320	4	184,665	11.2	112
4/17/2025	21:30:00	7.1	2.051	4.3	184,697	11.1	111
4/17/2025	21:45:00	7.1	2.104	6.6	184,724	11.1	111
4/17/2025	22:00:00	7.1	2.055	12.8	184,754	11.1	111
4/17/2025	22:15:00	7.1	2.157	4.1	184,786	11	111
4/17/2025	22:30:00	7.1	2.127	5	184,818	11	111
4/17/2025	22:45:00	7.1	2.207	3.8	184,841	11	111
4/17/2025	23:00:00	7.1	2.207	5.3	184,874	10.9	111
4/17/2025	23:15:00	7.1	2.188	6.3	184,907	10.9	111
4/17/2025	23:30:00	7	2.199	7.8	184,940	10.9	111
4/17/2025	23:45:00	7	2.176	7.6	184,972	10.8	111
4/18/2025	0:15:00	7	2.165	8.9	185,022	10.7	112
4/18/2025	0:30:00	7	2.142	4.7	185,054	10.7	110
4/18/2025	0:45:00	7	2.290	8.9	185,088	10.7	110
4/18/2025	1:00:00	7	2.275	8	185,123	10.7	111
4/18/2025	1:15:00	7	2.260	6.2	185,157	10.7	113

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/18/2025	1:30:00	7	2.377	6.8	185,191	10.8	114
4/18/2025	1:45:00	7	2.256	6	185,225	10.8	113
4/18/2025	2:00:00	7	2.237	6.7	185,259	10.8	113
4/18/2025	2:15:00	7	2.256	7	185,292	10.8	113
4/18/2025	2:30:00	7	2.245	6	185,325	10.8	114
4/18/2025	2:45:00	7	2.286	6.2	185,360	10.8	115
4/18/2025	3:00:00	7	2.260	7.7	185,394	10.8	116
4/18/2025	3:15:00	7	2.226	11.6	185,428	10.9	116
4/18/2025	3:30:00	7	2.233	7.3	185,461	10.9	114
4/18/2025	3:45:00	7	2.260	6.7	185,495	10.9	114
4/18/2025	4:00:00	7	2.210	16.9	185,528	10.9	116
4/18/2025	4:30:00	7	2.188	5.2	185,554	10.6	114
4/18/2025	4:45:00	7	2.131	5.5	185,586	10.6	114
4/18/2025	5:00:00	7	2.123	5.4	185,618	10.6	116
4/18/2025	5:15:00	7	2.108	5.3	185,648	10.6	114
4/18/2025	5:30:00	7	2.139	6	185,680	10.6	114
4/18/2025	5:45:00	7	2.082	4.8	185,712	10.6	114
4/18/2025	6:00:00	7	2.093	6	185,744	10.6	114
4/18/2025	6:15:00	7	2.101	4.9	185,775	10.6	114
4/18/2025	6:30:00	7	2.112	6.8	185,807	10.6	114
4/18/2025	6:45:00	7	2.101	5	185,838	10.6	114
4/18/2025	7:00:00	7	2.241	5.7	185,870	10.6	116
4/18/2025	7:15:00	7	2.245	6.8	185,903	10.6	116
4/18/2025	7:30:00	7	2.267	6.9	185,937	10.6	116
4/18/2025	7:45:00	7	2.218	12	185,970	10.6	116

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/18/2025	8:00:00	7	2.245	11.7	186,004	10.6	116
4/18/2025	8:15:00	7	2.192	13.7	186,037	10.6	116
4/18/2025	9:30:00	7	2.324	6	186,072	10.8	116
4/18/2025	9:45:00	7	2.339	10.1	186,107	10.9	117
4/18/2025	10:00:00	7	2.347	12.2	186,138	10.9	117
4/18/2025	10:15:00	7	2.339	17.2	186,174	11	117
4/18/2025	10:30:00	7	2.441	13.5	186,200	11.1	117
4/18/2025	10:45:00	6.9	2.430	9.2	186,210	11.5	117
4/18/2025	11:00:00	6.9	2.456	8.3	186,247	11.2	118
4/18/2025	11:15:00	6.9	0.382	11.5	186,263	11.5	118
4/18/2025	11:30:00	6.9	2.438	41.6	186,270	12.3	117
4/18/2025	11:45:00	7	2.419	7.3	186,307	11.5	118
4/18/2025	12:00:00	7	2.419	10.6	186,343	11.5	119
4/18/2025	12:15:00	7	2.430	14.4	186,379	11.5	119
4/18/2025	12:30:00	7	2.464	19.5	186,412	11.5	119
4/18/2025	12:45:00	7	2.434	15.7	186,449	11.6	119
4/18/2025	13:00:00	7	0.276	15.6	186,462	11.9	116
4/18/2025	13:15:00	7	2.445	6.1	186,496	11.6	116
4/18/2025	13:30:00	7	2.509	7	186,529	11.6	116
4/18/2025	13:45:00	7	2.438	6	186,566	11.6	114
4/18/2025	14:00:00	7	2.388	11.3	186,602	11.6	116
4/18/2025	14:15:00	7	0.397	6.6	186,624	11.8	114
4/18/2025	14:30:00	7	2.434	1.7	186,648	11.6	114
4/18/2025	14:45:00	7	2.377	3.7	186,684	11.7	114
4/18/2025	15:00:00	7	2.332	3.7	186,719	11.7	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/18/2025	15:15:00	7	2.309	4.7	186,754	11.6	114
4/18/2025	15:30:00	7	2.494	4	186,782	11.5	114
4/18/2025	15:45:00	7	2.419	9.3	186,819	11.5	114
4/18/2025	16:00:00	7	2.415	11.2	186,855	11.5	114
4/18/2025	16:15:00	7	2.400	16.1	186,866	11.8	113
4/18/2025	16:30:00	7	2.491	3.6	186,899	11.4	113
4/18/2025	16:45:00	7	2.453	3.7	186,936	11.4	113
4/18/2025	17:00:00	7	2.449	3.7	186,973	11.4	113
4/18/2025	17:15:00	7	2.400	8.3	187,009	11.4	114
4/18/2025	17:30:00	7	0.273	8.8	187,023	11.7	114
4/18/2025	17:45:00	7	2.449	4.6	187,054	11.4	114
4/18/2025	18:00:00	7	2.453	30.5	187,091	11.4	114
4/18/2025	18:15:00	7	0.246	12.1	187,112	11.6	113
4/18/2025	18:30:00	7	2.491	5.5	187,135	11.3	114
4/18/2025	18:45:00	7	2.487	5	187,172	11.3	113
4/18/2025	19:00:00	7	2.445	6.7	187,209	11.2	113
4/18/2025	19:15:00	7	2.407	5.3	187,246	11.2	113
4/18/2025	19:30:00	7	2.332	7.6	187,281	11.2	113
4/18/2025	19:45:00	7	2.313	6.2	187,317	11.2	113
4/18/2025	20:15:00	6.9	2.226	6	187,359	11.1	112
4/18/2025	20:30:00	6.8	2.157	3	187,388	11	112
4/18/2025	20:45:00	6.6	2.169	3.8	187,420	11	112
4/18/2025	21:00:00	6.4	2.127	4.5	187,452	11	112
4/18/2025	21:15:00	6.4	2.067	5.3	187,484	10.9	112
4/18/2025	21:30:00	6.4	2.157	6.5	187,515	10.9	112

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/18/2025	21:45:00	6.5	2.131	5.9	187,547	10.9	112
4/18/2025	22:00:00	6.5	2.093	5.8	187,579	10.9	111
4/18/2025	22:15:00	6.6	2.040	6.2	187,610	10.9	112
4/18/2025	22:30:00	6.6	2.313	3.6	187,636	10.9	112
4/18/2025	22:45:00	6.6	2.271	4.9	187,670	10.9	112
4/18/2025	23:00:00	6.6	2.260	5	187,704	10.9	112
4/18/2025	23:15:00	6.6	2.248	6.1	187,738	10.9	112
4/18/2025	23:30:00	6.7	2.237	6	187,772	10.9	112
4/18/2025	23:45:00	6.7	2.207	7.2	187,805	10.9	112
4/19/2025	0:00:00	6.7	2.157	7.5	187,838	10.9	111
4/19/2025	0:15:00	6.7	2.101	8.4	187,870	10.9	112
4/19/2025	0:30:00	6.7	2.142	4.3	187,896	10.9	112
4/19/2025	0:45:00	6.7	2.120	8	187,928	10.9	111
4/19/2025	1:00:00	6.7	2.108	5	187,959	10.8	112
4/19/2025	1:15:00	6.7	2.135	7.7	187,991	10.8	111
4/19/2025	1:30:00	6.7	2.093	6.8	188,023	10.8	111
4/19/2025	1:45:00	6.8	2.104	5.3	188,054	10.8	111
4/19/2025	2:00:00	6.8	2.051	4.1	188,085	10.9	111
4/19/2025	2:15:00	6.8	2.040	3.8	188,116	11	112
4/19/2025	2:30:00	6.9	2.210	3.1	188,141	11.1	112
4/19/2025	2:45:00	6.9	2.180	4.3	188,174	11	112
4/19/2025	3:15:00	6.9	2.222	6.6	188,243	10.9	111
4/19/2025	3:30:00	6.9	2.184	7.8	188,276	10.8	111
4/19/2025	3:45:00	6.9	2.135	7.4	188,308	10.8	111
4/19/2025	4:00:00	6.9	2.263	14.6	188,332	10.7	111

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/19/2025	4:15:00	7	2.226	5	188,366	10.7	111
4/19/2025	4:30:00	6.9	0.000	10.9	188,384	10.9	112
4/19/2025	4:45:00	7	2.203	6.1	188,414	10.7	111
4/19/2025	5:00:00	7	2.157	5.1	188,447	10.7	112
4/19/2025	5:15:00	7	2.116	5	188,479	10.8	114
4/19/2025	5:30:00	7	2.135	4.8	188,511	10.8	114
4/19/2025	5:45:00	7	2.006	4	188,542	10.8	115
4/19/2025	6:00:00	7	2.101	14.7	188,566	10.8	115
4/19/2025	6:15:00	7	2.131	2.2	188,598	10.8	116
4/19/2025	6:30:00	7	2.078	5.5	188,630	10.8	116
4/19/2025	6:45:00	7	2.055	2.9	188,661	10.8	116
4/19/2025	7:15:00	7	2.078	2.9	188,713	10.9	116
4/19/2025	7:30:00	7	2.139	4.1	188,745	10.9	116
4/19/2025	7:45:00	7	2.097	2.5	188,776	10.9	114
4/19/2025	8:00:00	7	2.059	3.9	188,808	10.9	113
4/19/2025	8:15:00	7	2.051	3.5	188,838	10.9	113
4/19/2025	8:30:00	7	2.033	4.4	188,869	11	114
4/19/2025	8:45:00	7	2.195	7.4	188,892	10.9	113
4/19/2025	9:00:00	7	2.267	4.3	188,917	11	113
4/19/2025	9:15:00	7	2.226	2.3	188,951	11	112
4/19/2025	9:30:00	7	2.188	2.6	188,984	11	112
4/19/2025	9:45:00	7	2.135	2.9	189,016	11.1	112
4/19/2025	10:00:00	7	0.587	11.5	189,042	11	113
4/19/2025	10:15:00	7	2.222	2.3	189,073	11.1	113
4/19/2025	10:30:00	7	2.173	2.7	189,106	11.1	113

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/19/2025	10:45:00	7	2.154	4.1	189,138	11.1	113
4/19/2025	11:00:00	7	2.078	3.7	189,170	11.2	112
4/19/2025	11:15:00	7	2.241	3.7	189,193	11.2	113
4/19/2025	11:30:00	7	2.192	3.5	189,226	11.3	113
4/19/2025	11:45:00	7	2.157	3.5	189,259	11.3	114
4/19/2025	12:00:00	7	2.097	3.6	189,291	11.4	114
4/19/2025	12:15:00	7	2.044	6.8	189,323	11.4	114
4/19/2025	12:30:00	7	1.170	29.9	189,352	11.4	114
4/19/2025	12:45:00	7	2.207	4.2	189,368	11.5	114
4/19/2025	13:00:00	7	2.150	4.1	189,400	11.4	114
4/19/2025	13:15:00	7	2.086	4.4	189,433	11.3	114
4/19/2025	13:30:00	7	1.090	14.1	189,459	11.3	114
4/19/2025	13:45:00	7	2.263	2.8	189,486	11.4	114
4/19/2025	14:00:00	7	2.203	4.4	189,520	11.4	114
4/19/2025	14:15:00	7	2.154	4	189,552	11.4	114
4/19/2025	14:30:00	7	2.104	4.1	189,584	11.4	114
4/19/2025	14:45:00	7	2.063	5.6	189,615	11.5	114
4/19/2025	15:00:00	7	2.036	4.2	189,646	11.7	114
4/19/2025	15:15:00	7	0.662	9.9	189,675	11.7	114
4/19/2025	15:30:00	7	2.263	4.7	189,697	11.7	114
4/19/2025	15:45:00	7	2.207	4.3	189,731	11.8	114
4/19/2025	16:00:00	7	2.169	5.2	189,763	11.8	114
4/19/2025	16:15:00	7	2.108	5	189,795	11.9	114
4/19/2025	16:30:00	7	2.248	3	189,819	11.9	114
4/19/2025	16:45:00	7	2.237	4.4	189,853	11.9	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/19/2025	17:00:00	7	2.192	4.4	189,886	11.9	114
4/19/2025	17:15:00	7	2.184	6.6	189,919	11.8	114
4/19/2025	17:30:00	7.1	2.169	11.4	189,951	11.7	114
4/19/2025	17:45:00	7.3	2.169	5.8	189,983	11.6	114
4/19/2025	18:00:00	7.5	2.131	7.1	190,016	11.5	114
4/19/2025	18:15:00	7.5	2.086	5.6	190,047	11.5	114
4/19/2025	18:30:00	7.6	2.263	4.5	190,071	11.5	114
4/19/2025	18:45:00	7.6	2.237	6.3	190,105	11.4	114
4/19/2025	19:00:00	7.6	2.188	5.2	190,138	11.4	114
4/19/2025	19:15:00	7.6	1.616	5.3	190,171	11.3	114
4/19/2025	19:30:00	7.6	2.233	3.8	190,198	11.3	114
4/19/2025	19:45:00	7.8	2.226	3.6	190,231	11.3	114
4/19/2025	20:00:00	7.7	0.643	56.9	190,263	11.3	114
4/19/2025	20:15:00	7.6	2.154	3.7	190,287	11.2	114
4/19/2025	20:30:00	7.6	2.449	7.1	190,321	11.2	114
4/19/2025	20:45:00	7.5	2.407	4.3	190,358	11.2	114
4/19/2025	21:00:00	7.5	2.362	4.3	190,394	11.2	114
4/19/2025	21:15:00	7.5	2.305	6.5	190,429	11.4	114
4/19/2025	21:30:00	7.5	2.267	6.9	190,463	11.5	114
4/19/2025	21:45:00	7.5	2.222	6.4	190,497	11.5	114
4/19/2025	22:00:00	7.5	2.252	4.9	190,525	11.3	112
4/19/2025	22:15:00	7.4	2.377	6.3	190,560	11.2	112
4/19/2025	22:30:00	7.4	2.358	5.7	190,596	11.1	111
4/19/2025	22:45:00	7.4	2.294	7.9	190,630	11	111
4/19/2025	23:15:00	7.4	1.987	8.6	190,691	10.9	111

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/19/2025	23:30:00	7.2	2.301	9.9	190,722	10.9	111
4/19/2025	23:45:00	7.2	2.157	8.7	190,751	10.8	112
4/20/2025	0:00:00	7.2	2.135	7.7	190,783	10.7	111
4/20/2025	0:15:00	7.4	2.120	8.9	190,815	10.6	267
4/20/2025	0:30:00	7.4	2.150	6.8	190,847	10.6	268
4/20/2025	0:45:00	7.4	2.139	3.8	190,874	10.5	268
4/20/2025	1:00:00	7.2	2.237	4.6	190,907	10.5	268
4/20/2025	1:15:00	7.1	2.297	4.9	190,940	10.5	267
4/20/2025	1:30:00	7	2.256	3.8	190,974	10.6	267
4/20/2025	1:45:00	6.9	2.256	6.4	191,008	10.6	265
4/20/2025	2:00:00	6.9	0.454	10.6	191,036	10.6	265
4/20/2025	2:15:00	6.9	2.460	5.9	191,068	10.7	266
4/20/2025	2:30:00	6.8	2.453	6.9	191,105	10.8	271
4/20/2025	2:45:00	6.8	2.434	5.6	191,141	10.8	269
4/20/2025	3:00:00	6.8	1.847	12.5	191,175	10.9	271
4/20/2025	3:15:00	6.8	2.392	4.3	191,210	10.9	271
4/20/2025	3:30:00	6.8	2.267	2.6	191,245	11	271
4/20/2025	3:45:00	6.8	2.157	3.7	191,279	11	269
4/20/2025	4:00:00	6.8	2.377	2.4	191,302	10.9	267
4/20/2025	4:15:00	6.8	2.426	2.7	191,339	11	269
4/20/2025	4:30:00	6.8	2.309	1.8	191,374	11.1	269
4/20/2025	4:45:00	7	0.912	11.6	191,403	11	269
4/20/2025	5:00:00	7.2	2.358	3.3	191,437	11	265
4/20/2025	5:15:00	7.3	2.350	4.7	191,472	10.9	265
4/20/2025	5:30:00	7.3	2.339	4.9	191,507	10.9	265

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/20/2025	5:45:00	7.4	2.491	6.7	191,535	10.8	111
4/20/2025	6:00:00	7.4	2.441	4.9	191,572	10.8	111
4/20/2025	6:15:00	7.4	2.392	4.4	191,608	10.8	111
4/20/2025	6:30:00	7.4	2.335	5.3	191,643	10.8	111
4/20/2025	6:45:00	7.4	2.316	6.2	191,679	10.8	111
4/20/2025	7:00:00	7.5	2.290	3.4	191,708	10.8	111
4/20/2025	7:15:00	7.5	2.226	4.4	191,742	10.7	111
4/20/2025	7:30:00	7.5	2.218	3.4	191,775	10.8	111
4/20/2025	7:45:00	7.5	2.460	3.2	191,799	10.8	111
4/20/2025	8:00:00	7.5	2.419	4.2	191,836	10.9	112
4/20/2025	8:15:00	7.5	2.385	4.4	191,873	10.9	112
4/20/2025	8:30:00	7.5	2.316	4.6	191,908	10.9	112
4/20/2025	8:45:00	7.5	2.256	4.8	191,940	10.8	113
4/20/2025	9:00:00	7.5	2.233	10.8	191,974	10.8	113
4/20/2025	9:15:00	7.5	2.184	14	192,007	10.9	112
4/20/2025	9:30:00	7.6	2.116	15.9	192,040	10.9	112
4/20/2025	9:45:00	7.6	2.214	9.2	192,071	10.8	112
4/20/2025	10:00:00	7.6	1.525	16.3	192,096	10.8	112
4/20/2025	10:15:00	7.6	2.256	9.7	192,130	10.8	112
4/20/2025	10:30:00	7.5	2.218	10.4	192,164	10.9	112
4/20/2025	10:45:00	7.5	2.184	9.1	192,197	10.9	112
4/20/2025	11:00:00	7.5	2.127	11.1	192,229	11	112
4/20/2025	11:15:00	7.5	2.343	20	192,257	11.1	111
4/20/2025	11:30:00	7.5	2.297	12.6	192,292	11.2	112
4/20/2025	11:45:00	7.6	2.294	14.5	192,326	11.3	112

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/20/2025	12:00:00	7.6	2.290	11.8	192,361	11.3	112
4/20/2025	12:15:00	7.7	2.252	15.1	192,395	11.5	112
4/20/2025	12:30:00	7.7	1.726	26.4	192,423	11.6	112
4/20/2025	12:45:00	7.4	2.173	3.7	192,457	11.4	112
4/20/2025	13:00:00	7.1	2.347	6.8	192,479	11.1	111
4/20/2025	13:15:00	7.3	2.229	4.8	192,514	11	265
4/20/2025	13:30:00	7.9	2.214	7.4	192,547	11.1	270
4/20/2025	13:45:00	8.5	0.867	78.2	192,574	11.1	272
4/20/2025	14:30:00	6.7	2.460	14.1	192,614	10.9	293
4/20/2025	15:45:00	6.1	2.468	8.7	192,632	11.2	321
4/20/2025	16:00:00	6.7	2.464	12.2	192,669	11.2	318
4/20/2025	16:15:00	7	2.369	11.7	192,705	11.2	306
4/20/2025	16:30:00	7.3	2.207	26.4	192,738	11.2	296
4/20/2025	16:45:00	7.5	2.472	18.9	192,774	11.1	278
4/20/2025	17:00:00	7.7	2.422	22.7	192,810	11.2	275
4/20/2025	17:15:00	7.9	2.422	27.8	192,846	11.2	268
4/20/2025	17:30:00	7.9	0.242	7.9	192,861	11.3	268
4/20/2025	17:45:00	7.8	1.949	12.2	192,889	11.3	270
4/20/2025	18:00:00	7.4	2.415	4.1	192,925	11.2	270
4/20/2025	18:15:00	7.1	2.366	5	192,961	11.1	273
4/20/2025	18:30:00	7	2.347	5.4	192,996	11.2	275
4/20/2025	18:45:00	7	2.294	6.8	193,031	11.2	277
4/20/2025	19:00:00	7.2	1.654	15.6	193,062	11.3	277
4/20/2025	19:15:00	7.5	2.377	11.7	193,097	11.3	272
4/20/2025	19:30:00	7.6	2.305	17	193,132	11.3	268

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/20/2025	19:45:00	7.6	2.203	13.6	193,166	11.2	268
4/20/2025	20:00:00	7.2	2.260	8.2	193,189	11.1	268
4/20/2025	20:15:00	7	2.207	9.1	193,223	11.1	272
4/20/2025	20:30:00	6.9	2.218	9.9	193,256	11	271
4/20/2025	20:45:00	6.9	2.108	10.7	193,289	10.9	273
4/20/2025	21:15:00	6.9	2.059	9.1	193,324	10.9	273
4/20/2025	21:30:00	6.8	2.014	11.3	193,354	10.9	276
4/20/2025	21:45:00	6.8	2.067	8.2	193,385	10.9	276
4/20/2025	22:00:00	6.8	2.173	9.6	193,404	10.8	274
4/20/2025	22:15:00	6.8	2.116	6.4	193,437	10.7	274
4/20/2025	22:30:00	6.7	2.142	9.5	193,469	10.7	278
4/20/2025	22:45:00	6.7	2.120	7.2	193,501	10.7	278
4/20/2025	23:00:00	6.7	2.150	7.9	193,532	10.7	279
4/20/2025	23:15:00	6.7	2.097	8.3	193,563	10.7	279
4/20/2025	23:30:00	6.7	0.829	20.6	193,590	10.6	279
4/20/2025	23:45:00	6.7	2.093	6.6	193,617	10.6	278

Table 3. In-Situ Parameters

Date	Time	Temperature °C	DO mg/L	Conductivity SPC-uS/cm	SAL-ppt	pH	ORP (mV)	NTU
04/14/2025	10:19:14AM	11.3	10.97	135.1	0.06	7.37	192.7	3.62
04/15/2025	10:37:53AM	12.0	11.21	134.2	0.06	7.40	178.3	4.08
04/16/2025	08:13:25AM	11.2	10.60	134.2	0.06	7.46	181.9	4.26
04/17/2025	02:00:29PM	11.5	10.47	125.4	0.06	7.20	122.6	0.64
04/18/2025	01:05:16PM	11.4	10.70	122.2	0.06	7.24	200.7	1.37
04/19/2025	12:39:06PM	10.9	10.68	116.6	0.05	7.13	204.7	0.27
04/13/2025	08:09:26AM	10.1	11.32	121.7	0.06	7.16	153.6	1.11

3. Calibration Log:

Table 4. Calibration Log

Date	Unit	pH	Conductivity/Temp.	Salinity	NTU
4/16/2025	YSI	✓	✓	✓	✓
4/16/2025	WTP	✓	N/A	N/A	✓

APPENDIX A: WTP Log

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/14/2025	0:00:00	7.5	2.006	9.1	175,689	Open	11.3	116
4/14/2025	0:15:00	7.5	0.000	7.6	175,705	Closed	11.5	114
4/14/2025	0:30:00	7.5	1.998	4.8	175,722	Open	11.2	114
4/14/2025	0:45:00	7.5	1.976	5.8	175,752	Open	11.2	114
4/14/2025	1:00:00	7.4	1.972	4.1	175,782	Open	11.2	116
4/14/2025	1:15:00	7.5	1.953	4.3	175,811	Open	11.2	114
4/14/2025	1:30:00	7.5	1.957	9.3	175,825	Open	11.4	114
4/14/2025	1:45:00	7.5	2.021	3.2	175,844	Open	11.2	115
4/14/2025	2:00:00	7.5	1.991	3.6	175,874	Open	11.2	114
4/14/2025	2:15:00	7.4	1.961	3	175,904	Open	11.3	116
4/14/2025	2:30:00	7.4	1.980	1.4	175,934	Open	11.6	118
4/14/2025	2:45:00	7.4	1.995	1.1	175,956	Open	11.9	117
4/14/2025	3:00:00	7.4	1.976	1.7	175,986	Open	12	118
4/14/2025	3:15:00	7.4	1.995	6.8	175,989	Open	12.6	264
4/14/2025	3:30:00	7.4	1.991	3	176,019	Open	11.8	117
4/14/2025	3:45:00	7.4	1.968	0.9	176,044	Open	11.7	117
4/14/2025	4:00:00	7.4	1.998	1.4	176,074	Open	11.5	114
4/14/2025	4:15:00	7.4	1.987	2.9	176,104	Open	11.4	113
4/14/2025	4:30:00	7.4	1.957	2.7	176,134	Open	11.2	113
4/14/2025	4:45:00	7.3	0.265	2.3	176,156	Closed	11.2	114
4/14/2025	5:00:00	7.3	2.017	2.6	176,161	Open	11.5	116
4/14/2025	5:15:00	7.3	1.998	0.4	176,192	Open	11.3	117
4/14/2025	5:30:00	7.3	1.987	0.9	176,222	Open	11.4	118
4/14/2025	5:45:00	7.3	1.968	4.8	176,251	Open	11.5	118
4/14/2025	6:00:00	7.3	0.000	3.3	176,267	Closed	11.6	116

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/14/2025	6:15:00	7.3	1.980	6.4	176,270	Open	12	114
4/14/2025	6:30:00	7.3	2.029	5.4	176,299	Open	11.2	115
4/14/2025	6:45:00	7.3	1.991	3.3	176,329	Open	11.2	116
4/14/2025	7:00:00	7.3	2.014	3.9	176,359	Open	11.2	116
4/14/2025	7:15:00	7.3	1.972	1.5	176,389	Open	11.2	116
4/14/2025	7:30:00	7.3	1.957	2	176,418	Open	11.2	116
4/14/2025	7:45:00	7.3	1.930	2.1	176,448	Open	11.1	114
4/14/2025	8:00:00	7.3	1.889	3.3	176,476	Open	11.1	116
4/14/2025	8:15:00	7.3	0.999	11.7	176,500	Open	11.1	116
4/14/2025	8:30:00	7.3	0.000	1.9	176,526	Closed	11.3	114
4/14/2025	8:45:00	7.3	0.000	1.4	176,542	Closed	11.6	116
4/14/2025	9:00:00	7.3	2.101	2.1	176,555	Open	11.3	116
4/14/2025	9:15:00	7.3	1.552	4.1	176,584	Open	11.3	117
4/14/2025	9:30:00	7.3	0.000	4.2	176,591	Closed	11.6	117
4/14/2025	9:45:00	7.3	0.000	2	176,591	Closed	12	116
4/14/2025	10:00:00	7.3	2.097	1.6	176,604	Open	11.4	117
4/14/2025	10:15:00	7.4	0.901	2.7	176,631	Open	11.3	117
4/14/2025	10:30:00	7.3	2.067	0.7	176,657	Open	11.3	117
4/14/2025	11:00:00	7.3	2.055	1	176,719	Open	11.5	117
4/14/2025	11:15:00	7.4	1.559	9.6	176,748	Open	11.8	119
4/14/2025	11:30:00	7.4	2.070	4.2	176,777	Open	11.9	119
4/14/2025	11:45:00	7.4	0.000	2.7	176,785	Closed	12.7	119
4/14/2025	12:00:00	7.4	2.112	3.1	176,810	Open	12.2	119
4/14/2025	12:15:00	7.4	1.756	8.8	176,838	Open	12.4	119
4/14/2025	12:30:00	7.4	2.112	1.5	176,867	Open	12.4	119
4/14/2025	12:45:00	7.4	2.067	3.9	176,898	Open	12.3	119

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/14/2025	13:00:00	7.4	0.000	2.1	176,917	Closed	12.6	119
4/14/2025	13:15:00	7.4	1.586	2.8	176,927	Open	12.4	118
4/14/2025	13:30:00	7.4	2.112	1.7	176,956	Open	12.3	119
4/14/2025	13:45:00	7.4	2.086	2.5	176,988	Open	12.3	119
4/14/2025	14:00:00	7.4	2.074	3.1	177,019	Open	12.3	119
4/14/2025	14:15:00	7.4	0.000	3.9	177,035	Closed	12.7	119
4/14/2025	14:30:00	7.4	2.120	6.4	177,055	Open	12.4	119
4/14/2025	14:45:00	7.4	2.086	2.2	177,087	Open	12.4	119
4/14/2025	15:00:00	7.4	2.055	4.7	177,118	Open	12.4	119
4/14/2025	15:15:00	7.4	0.000	4.3	177,135	Closed	12.8	119
4/14/2025	15:30:00	7.4	2.142	2.6	177,149	Open	12.7	119
4/14/2025	15:45:00	7.4	2.116	3.1	177,181	Open	12.7	119
4/14/2025	16:00:00	7.4	0.000	2	177,193	Closed	13.4	120
4/14/2025	16:15:00	7.4	1.590	11.5	177,194	Open	14.8	258
4/14/2025	16:30:00	7.4	2.154	1.9	177,221	Open	13.1	118
4/14/2025	16:45:00	7.4	2.120	4.6	177,253	Open	12.9	116
4/14/2025	17:00:00	7.4	2.104	15.7	177,255	Open	13.5	116
4/14/2025	17:15:00	7.4	1.575	5.9	177,283	Open	12.7	115
4/14/2025	17:30:00	7.4	2.108	2.5	177,312	Open	12.6	114
4/14/2025	17:45:00	7.4	2.120	5.5	177,344	Open	12.5	114
4/14/2025	18:00:00	7.4	2.078	5.9	177,375	Open	12.4	114
4/14/2025	18:15:00	7.3	0.000	3	177,377	Closed	13.1	259
4/14/2025	18:30:00	7.4	2.104	2.9	177,401	Open	12.4	113
4/14/2025	18:45:00	7.4	2.067	4.9	177,432	Open	12.2	113
4/14/2025	19:00:00	7.3	0.000	3.6	177,447	Closed	12.4	114
4/14/2025	19:15:00	7.4	1.238	8.7	177,457	Open	12.2	113

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/14/2025	19:30:00	7.4	2.112	1.5	177,486	Open	12	113
4/14/2025	19:45:00	7.4	2.131	2.2	177,518	Open	12	113
4/14/2025	20:00:00	7.3	2.123	5.1	177,549	Open	11.9	114
4/14/2025	20:15:00	7.3	2.059	6.6	177,568	Open	11.8	113
4/14/2025	20:30:00	7.3	0.000	6.4	177,575	Closed	12.1	113
4/14/2025	20:45:00	7.4	2.093	2.8	177,603	Open	11.8	112
4/14/2025	21:00:00	7.4	2.078	3.4	177,634	Open	11.9	111
4/14/2025	21:15:00	7.4	2.070	2.2	177,665	Open	11.9	112
4/14/2025	21:30:00	7.4	2.044	5.3	177,696	Open	11.9	112
4/14/2025	21:45:00	7.4	0.167	3.3	177,725	Closed	11.9	111
4/14/2025	22:00:00	7.4	2.033	9.8	177,728	Open	12.1	111
4/14/2025	22:15:00	7.4	2.029	3.5	177,759	Open	11.8	111
4/14/2025	22:30:00	7.4	1.998	2.6	177,789	Open	11.8	111
4/14/2025	22:45:00	7.4	0.768	79.1	177,818	Closed	11.7	111
4/14/2025	23:00:00	7.4	2.048	2.8	177,836	Open	11.6	111
4/14/2025	23:15:00	7.4	2.036	3.8	177,866	Open	11.6	112
4/14/2025	23:30:00	7.4	2.014	5	177,897	Open	11.5	111
4/14/2025	23:45:00	7.4	1.499	2.7	177,898	Closed	11.8	111
4/15/2025	0:00:00	7.4	2.036	2.7	177,926	Open	11.4	111
4/15/2025	0:15:00	7.4	2.017	2.6	177,956	Open	11.4	111
4/15/2025	0:30:00	7.4	1.987	2.4	177,986	Open	11.4	111
4/15/2025	0:45:00	7.4	1.991	3.4	178,016	Open	11.5	115
4/15/2025	1:00:00	7.4	0.000	2.2	178,043	Closed	11.6	117
4/15/2025	1:15:00	7.4	2.059	14.8	178,045	Open	12.4	116
4/15/2025	1:30:00	7.4	1.964	2.4	178,074	Open	11.8	118
4/15/2025	1:45:00	7.4	1.983	5.7	178,104	Open	11.8	117

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/15/2025	2:00:00	7.4	0.000	3.7	178,128	Closed	11.8	116
4/15/2025	2:15:00	7.4	0.674	167.6	178,131	Closed	12.1	117
4/15/2025	2:30:00	7.4	2.097	1.1	178,151	Open	11.6	117
4/15/2025	2:45:00	7.4	2.093	1.5	178,183	Open	11.6	117
4/15/2025	3:00:00	7.4	2.059	5	178,214	Open	11.8	118
4/15/2025	3:15:00	7.4	0.000	5.1	178,229	Closed	12.1	119
4/15/2025	3:30:00	7.4	2.074	2.6	178,244	Open	11.8	119
4/15/2025	3:45:00	7.4	2.048	3.7	178,275	Open	11.8	119
4/15/2025	4:00:00	7.4	2.044	5.4	178,306	Open	11.8	119
4/15/2025	4:15:00	7.4	1.431	28.6	178,336	Closed	11.9	119
4/15/2025	4:30:00	7.4	0.000	2.6	178,347	Closed	11.9	119
4/15/2025	4:45:00	7.4	2.078	2.4	178,357	Open	11.8	119
4/15/2025	5:00:00	7.4	2.040	4.1	178,388	Open	11.6	117
4/15/2025	5:15:00	7.4	1.499	39.8	178,417	Closed	11.7	118
4/15/2025	5:30:00	7.4	2.040	3.3	178,442	Open	11.8	119
4/15/2025	5:45:00	7.3	0.000	1.4	178,448	Closed	12.3	117
4/15/2025	6:00:00	7.4	2.063	3.1	178,474	Open	11.8	119
4/15/2025	6:15:00	7.4	1.465	53.3	178,505	Closed	11.8	119
4/15/2025	6:30:00	7.4	2.078	7.9	178,530	Open	11.8	119
4/15/2025	6:45:00	7.3	0.000	5.6	178,536	Closed	12.2	119
4/15/2025	7:00:00	7.4	2.097	4.8	178,549	Open	11.7	117
4/15/2025	7:15:00	7.4	1.578	22	178,580	Open	11.6	117
4/15/2025	7:30:00	7.4	2.074	7.6	178,603	Open	11.4	116
4/15/2025	7:45:00	7.4	0.000	5.8	178,629	Closed	11.4	115
4/15/2025	8:00:00	7.4	1.113	12.6	178,632	Open	11.4	114
4/15/2025	8:15:00	7.4	2.150	5.5	178,658	Open	11.3	115

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/15/2025	8:30:00	7.3	2.139	6.4	178,690	Open	11.3	116
4/15/2025	8:45:00	7.3	2.135	11.2	178,715	Open	11.5	118
4/15/2025	9:00:00	7.5	2.067	400.5	178,731	Closed	11.4	115
4/15/2025	9:15:00	7.4	0.000	3.1	178,734	Closed	11.6	113
4/15/2025	9:30:00	7.4	2.146	1.9	178,754	Open	11.4	114
4/15/2025	9:45:00	7.4	2.116	10.2	178,786	Open	11.4	116
4/15/2025	10:00:00	7.3	0.000	14.1	178,788	Closed	12	117
4/15/2025	10:15:00	7.4	2.112	2.8	178,808	Open	11.6	116
4/15/2025	10:30:00	7.4	2.101	7.5	178,837	Open	11.4	116
4/15/2025	10:45:00	7.4	2.097	1.2	178,868	Open	11.5	117
4/15/2025	11:00:00	7.4	2.063	0.8	178,891	Open	11.5	116
4/15/2025	11:15:00	7.4	0.000	3.4	178,912	Closed	11.7	117
4/15/2025	11:30:00	7.4	2.101	1.1	178,933	Open	11.6	117
4/15/2025	11:45:00	7.4	2.086	2.6	178,951	Open	11.6	118
4/15/2025	12:00:00	7.4	2.086	3.5	178,982	Open	11.6	118
4/15/2025	12:15:00	7.4	0.000	4.8	179,001	Closed	12	118
4/15/2025	12:30:00	7.4	2.070	2.7	179,012	Open	12.1	119
4/15/2025	12:45:00	7.4	2.086	2.3	179,036	Open	12.1	119
4/15/2025	13:00:00	7.4	2.044	2.7	179,067	Open	12.1	119
4/15/2025	13:15:00	7.4	2.021	5.5	179,098	Open	12.1	119
4/15/2025	13:30:00	7.4	0.000	6	179,119	Closed	12.3	118
4/15/2025	13:45:00	7.4	2.097	5.1	179,126	Open	12.3	119
4/15/2025	14:00:00	7.5	2.093	7.7	179,158	Open	12.4	119
4/15/2025	14:15:00	7.6	2.082	13.2	179,189	Open	12.4	119
4/15/2025	14:30:00	7.3	0.000	9.7	179,214	Closed	12.5	119
4/15/2025	14:45:00	7.5	0.806	27	179,215	Closed	12.6	119

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/15/2025	15:00:00	7.5	2.142	3.6	179,239	Open	12.3	117
4/15/2025	15:15:00	7.5	2.086	3.1	179,271	Open	12.2	116
4/15/2025	15:30:00	7.4	2.093	3.3	179,302	Open	12.1	115
4/15/2025	15:45:00	7.4	0.000	5.8	179,329	Closed	12.2	114
4/15/2025	16:00:00	7.3	2.139	27.7	179,330	Open	12.8	114
4/15/2025	16:15:00	7.3	2.104	2.9	179,362	Open	12.1	114
4/15/2025	16:30:00	7.3	2.082	3.3	179,393	Open	12.1	115
4/15/2025	16:45:00	7.3	0.000	3	179,414	Closed	12.3	115
4/15/2025	17:00:00	7.4	2.089	4.3	179,424	Open	12.3	114
4/15/2025	17:15:00	7.4	2.097	2.1	179,455	Open	12.1	114
4/15/2025	17:30:00	7.4	2.131	6.4	179,486	Open	12	114
4/15/2025	17:45:00	7.3	0.000	5.4	179,500	Closed	12.2	114
4/15/2025	18:00:00	7.4	2.040	3.8	179,516	Open	12	114
4/15/2025	18:15:00	7.4	2.025	4.2	179,546	Open	12	114
4/15/2025	18:30:00	7.4	2.036	6	179,577	Open	12	114
4/15/2025	18:45:00	7.4	0.000	6.9	179,599	Closed	12.1	114
4/15/2025	19:00:00	7.4	2.108	10.3	179,605	Open	12.2	114
4/15/2025	19:15:00	7.4	2.116	5.3	179,637	Open	11.9	113
4/15/2025	19:30:00	7.3	2.089	6.1	179,668	Open	11.8	114
4/15/2025	19:45:00	7.3	0.000	7.2	179,677	Closed	12.1	114
4/15/2025	20:00:00	7.3	2.082	3.2	179,694	Open	11.6	113
4/15/2025	20:15:00	7.3	2.070	4.1	179,724	Open	11.6	113
4/15/2025	20:30:00	7.3	2.040	4.9	179,755	Open	11.6	113
4/15/2025	20:45:00	7.3	1.540	9.2	179,784	Open	11.6	113
4/15/2025	21:00:00	7.3	0.216	3	179,788	Open	11.8	112
4/15/2025	21:15:00	7.4	2.029	2.3	179,809	Open	11.5	111

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/15/2025	21:30:00	7.4	2.051	2.5	179,840	Open	11.4	111
4/15/2025	21:45:00	7.4	2.051	3.5	179,858	Open	11.4	111
4/15/2025	22:00:00	7.4	2.036	2.4	179,889	Open	11.4	111
4/15/2025	22:15:00	7.4	2.021	3.9	179,920	Open	11.4	111
4/15/2025	22:30:00	7.4	1.938	2.2	179,922	Closed	11.7	111
4/15/2025	22:45:00	7.4	2.093	3.2	179,948	Open	11.5	111
4/15/2025	23:00:00	7.4	2.044	3.1	179,979	Open	11.5	111
4/15/2025	23:15:00	7.4	1.681	3	180,010	Open	11.5	111
4/15/2025	23:30:00	7.4	2.036	1.5	180,010	Closed	11.8	111
4/15/2025	23:45:00	7.4	2.082	3.6	180,035	Open	11.5	112
4/16/2025	0:00:00	7.4	2.055	2.3	180,066	Open	11.6	113
4/16/2025	0:15:00	7.4	0.000	1.7	180,086	Closed	11.8	115
4/16/2025	0:30:00	7.4	2.044	2.5	180,086	Open	12.3	116
4/16/2025	0:45:00	7.4	2.097	2.8	180,114	Open	11.8	116
4/16/2025	1:00:00	7.4	2.082	1	180,145	Open	12	118
4/16/2025	1:15:00	7.4	0.000	1.6	180,161	Closed	12.3	118
4/16/2025	1:30:00	7.4	2.063	1.5	180,183	Open	12.1	117
4/16/2025	1:45:00	7.4	2.044	1.7	180,214	Open	12.1	117
4/16/2025	2:00:00	7.4	2.044	3.5	180,245	Open	12	117
4/16/2025	2:15:00	7.4	2.048	4.3	180,276	Open	12	118
4/16/2025	2:30:00	7.4	0.000	6.2	180,291	Closed	12.1	117
4/16/2025	2:45:00	7.4	2.014	3.1	180,308	Open	12	118
4/16/2025	3:00:00	7.4	2.021	2.2	180,339	Open	12.1	118
4/16/2025	3:15:00	7.4	2.017	2.4	180,369	Open	12.1	118
4/16/2025	3:30:00	7.4	0.000	1.6	180,393	Closed	12.4	119
4/16/2025	3:45:00	7.4	2.044	4.5	180,399	Open	12.5	119

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/16/2025	4:00:00	7.4	2.040	2.5	180,430	Open	12.3	119
4/16/2025	4:15:00	7.4	2.036	1.8	180,460	Open	12.3	120
4/16/2025	4:30:00	7.4	1.983	2.2	180,490	Open	12.4	119
4/16/2025	4:45:00	7.4	2.002	2.3	180,520	Open	12.5	119
4/16/2025	5:00:00	7.4	0.553	11.3	180,539	Open	12.4	117
4/16/2025	5:15:00	7.4	0.000	2	180,549	Closed	12.7	117
4/16/2025	5:30:00	7.4	1.987	1.7	180,570	Open	12.3	119
4/16/2025	5:45:00	7.3	2.006	1	180,600	Open	12.3	119
4/16/2025	6:00:00	7.3	1.503	2.8	180,626	Open	12.3	119
4/16/2025	6:15:00	7.3	1.998	0	180,656	Open	12.2	119
4/16/2025	6:30:00	7.3	0.000	1.9	180,667	Closed	12.5	117
4/16/2025	6:45:00	7.3	1.968	2	180,681	Open	11.9	116
4/16/2025	7:00:00	7.3	1.529	4.6	180,708	Open	11.7	115
4/16/2025	7:15:00	7.3	1.980	2.2	180,737	Open	11.5	114
4/16/2025	7:30:00	7.3	1.991	3.4	180,767	Open	11.5	114
4/16/2025	7:45:00	7.3	0.000	2.3	180,788	Closed	11.6	115
4/16/2025	8:00:00	7.3	1.518	10.1	180,794	Open	11.6	116
4/16/2025	8:15:00	7.4	1.964	1	180,824	Open	11.6	114
4/16/2025	8:30:00	7.4	1.964	1.8	180,853	Open	11.6	113
4/16/2025	8:45:00	7.4	1.942	1.9	180,883	Open	11.6	113
4/16/2025	9:00:00	7.4	0.874	4.8	180,905	Open	11.7	113
4/16/2025	9:15:00	7.4	0.000	1.8	180,929	Closed	12	113
4/16/2025	9:30:00	7.4	2.093	2.6	180,936	Open	12.1	114
4/16/2025	9:45:00	7.4	2.063	2.2	180,967	Open	12.1	116
4/16/2025	10:00:00	7.4	0.897	4.1	180,991	Open	12.2	116
4/16/2025	10:15:00	7.4	2.055	2.2	181,020	Open	12.4	116

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/16/2025	10:30:00	7.4	2.036	2.2	181,050	Open	12.4	263
4/16/2025	10:45:00	7.4	0.227	2.4	181,079	Closed	12.5	263
4/16/2025	11:00:00	7.4	1.575	13.3	181,082	Open	12.9	265
4/16/2025	11:15:00	7.4	2.112	2	181,114	Open	12.5	263
4/16/2025	11:30:00	7.4	2.146	3.7	181,146	Open	12.6	263
4/16/2025	11:45:00	7.4	2.089	5.7	181,177	Open	12.6	263
4/16/2025	12:00:00	7.4	0.000	1.9	181,186	Closed	13	264
4/16/2025	12:15:00	7.4	2.078	2.6	181,211	Open	12.8	262
4/16/2025	12:30:00	7.4	2.051	3.8	181,242	Open	12.9	262
4/16/2025	12:45:00	7.4	2.033	4.4	181,273	Open	12.9	262
4/16/2025	13:00:00	7.3	0.000	2.7	181,275	Closed	13.4	266
4/16/2025	13:15:00	7.4	2.067	1.9	181,300	Open	12.9	262
4/16/2025	13:30:00	7.4	2.025	5.8	181,331	Open	12.8	262
4/16/2025	13:45:00	7.4	0.000	2.3	181,335	Closed	13.2	263
4/16/2025	14:00:00	7.4	1.525	29.4	181,337	Closed	13.2	262
4/16/2025	14:15:00	7.4	2.040	3.3	181,367	Open	12.9	117
4/16/2025	14:30:00	7.4	0.216	6.1	181,395	Closed	13	262
4/16/2025	14:45:00	7.4	2.014	6.2	181,400	Open	13.4	261
4/16/2025	15:00:00	7.4	0.942	17.6	181,421	Open	13.1	264
4/16/2025	15:15:00	7.4	2.067	8.7	181,451	Open	13	263
4/16/2025	15:30:00	7.4	2.051	8	181,482	Open	13.1	267
4/16/2025	15:45:00	7.3	2.033	10	181,513	Open	12.9	265
4/16/2025	16:00:00	7.3	0.000	7.6	181,522	Closed	13.1	263
4/16/2025	16:15:00	7.3	2.074	3.8	181,541	Open	12.7	116
4/16/2025	16:30:00	7.3	2.059	3	181,572	Open	12.7	116
4/16/2025	16:45:00	7.3	2.044	3.9	181,603	Open	12.7	116

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/16/2025	17:00:00	7.3	1.590	17.4	181,626	Open	12.7	262
4/16/2025	17:15:00	7.3	2.097	8.2	181,629	Open	13.1	263
4/16/2025	17:30:00	7.3	2.097	2.7	181,661	Open	12.8	263
4/16/2025	17:45:00	7.3	2.059	1.8	181,692	Open	12.7	265
4/16/2025	18:00:00	7.3	0.284	10.3	181,717	Closed	12.6	263
4/16/2025	18:15:00	7.3	2.150	8.8	181,722	Open	12.9	262
4/16/2025	18:30:00	7.3	2.135	3.8	181,754	Open	12.6	262
4/16/2025	18:45:00	7.3	2.120	3.7	181,786	Open	12.5	114
4/16/2025	19:00:00	7.3	1.083	12.4	181,807	Open	12.2	114
4/16/2025	19:15:00	7.3	2.169	3.2	181,838	Open	12.4	114
4/16/2025	19:30:00	7.4	2.176	5.2	181,871	Open	12.6	263
4/16/2025	19:45:00	7.4	0.609	29.5	181,897	Open	12.5	263
4/16/2025	20:00:00	7.3	0.000	28	181,900	Closed	12.6	263
4/16/2025	20:15:00	7.3	2.188	25.7	181,900	Closed	12.1	113
4/16/2025	20:30:00	7.4	2.029	4.6	181,928	Open	11.9	113
4/16/2025	20:45:00	7.4	2.059	3.7	181,958	Open	11.9	112
4/16/2025	21:00:00	7.3	1.631	18.9	181,986	Open	11.9	112
4/16/2025	21:15:00	7.4	2.082	4.6	182,017	Open	11.8	111
4/16/2025	21:30:00	7.3	2.146	6.7	182,020	Open	12.1	111
4/16/2025	21:45:00	7.4	2.116	3	182,052	Open	11.7	111
4/16/2025	22:00:00	7.4	2.070	4.5	182,083	Open	11.7	111
4/16/2025	22:15:00	7.4	2.078	3.5	182,114	Open	11.7	111
4/16/2025	22:30:00	7.4	2.059	4.7	182,145	Open	11.8	263
4/16/2025	22:45:00	7.5	2.029	6.8	182,176	Open	11.9	265
4/16/2025	23:00:00	7.6	2.040	11.9	182,207	Open	11.9	267
4/16/2025	23:15:00	7.6	2.116	16.7	182,223	Open	11.9	267

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/16/2025	23:30:00	7.3	2.127	11.5	182,255	Open	11.8	268
4/16/2025	23:45:00	7.5	2.097	12.9	182,286	Open	11.7	265
4/17/2025	0:00:00	7.4	0.216	10.6	182,299	Open	11.8	265
4/17/2025	0:15:00	7.4	2.127	26.9	182,306	Open	11.9	265
4/17/2025	0:30:00	7.4	2.093	9.1	182,338	Open	11.4	111
4/17/2025	0:45:00	7.3	2.059	11.3	182,370	Open	11.3	110
4/17/2025	1:00:00	7.3	2.082	11	182,401	Open	11.2	111
4/17/2025	1:15:00	7.2	0.000	6.3	182,420	Closed	11.2	110
4/17/2025	1:30:00	7.3	2.074	10.1	182,437	Open	11.1	112
4/17/2025	1:45:00	7.2	2.070	9.7	182,469	Open	11.1	113
4/17/2025	2:00:00	7.2	2.078	12.3	182,500	Open	11.1	114
4/17/2025	2:15:00	7.2	2.044	13.8	182,531	Open	11.1	114
4/17/2025	2:30:00	7.2	2.044	16.5	182,561	Open	11.1	114
4/17/2025	2:45:00	7.2	2.048	15.2	182,592	Open	11.1	114
4/17/2025	3:00:00	7.2	2.010	11.8	182,622	Open	11	114
4/17/2025	3:15:00	7.2	0.469	74.3	182,642	Closed	11.2	114
4/17/2025	3:30:00	7.3	0.238	1.6	182,654	Open	11.2	114
4/17/2025	3:45:00	7.3	2.112	3.1	182,674	Open	11	113
4/17/2025	4:00:00	7.3	2.116	4.6	182,705	Open	11	113
4/17/2025	4:15:00	7.3	2.108	3.5	182,735	Open	11.1	114
4/17/2025	4:30:00	7.3	2.078	6.1	182,766	Open	11.1	114
4/17/2025	4:45:00	7.3	2.048	7.2	182,797	Open	11.1	114
4/17/2025	5:00:00	7.3	2.055	7.4	182,827	Open	11.1	114
4/17/2025	5:15:00	7.3	1.983	10.8	182,858	Open	11	114
4/17/2025	5:30:00	7.3	1.964	9.1	182,888	Open	10.9	114
4/17/2025	5:45:00	7.3	1.798	11.2	182,916	Open	10.9	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/17/2025	6:00:00	7.3	0.572	41.8	182,934	Closed	10.9	114
4/17/2025	6:15:00	7.2	1.945	10.5	182,960	Open	10.7	114
4/17/2025	6:30:00	7.2	1.957	8.4	182,989	Open	10.7	114
4/17/2025	6:45:00	7.2	1.957	9.6	183,018	Open	10.7	114
4/17/2025	7:00:00	7.2	1.945	12.3	183,048	Open	10.7	114
4/17/2025	7:15:00	7.2	1.968	18.1	183,077	Open	10.6	114
4/17/2025	7:30:00	7.2	1.968	20.8	183,106	Open	10.6	114
4/17/2025	7:45:00	7.2	1.968	19.6	183,136	Open	10.6	114
4/17/2025	8:00:00	7.2	0.776	21.2	183,158	Open	10.6	114
4/17/2025	8:15:00	7.2	2.040	17.2	183,175	Open	10.7	114
4/17/2025	8:30:00	7.2	2.029	17.5	183,205	Open	10.7	114
4/17/2025	8:45:00	7.2	2.033	37.3	183,236	Open	10.8	114
4/17/2025	9:00:00	7.2	1.438	121.7	183,262	Open	10.8	116
4/17/2025	9:15:00	7.2	0.238	20.9	183,267	Open	11.1	116
4/17/2025	9:30:00	7.3	2.059	20.3	183,294	Open	11	116
4/17/2025	9:45:00	7.2	2.036	15.9	183,325	Open	11	116
4/17/2025	10:00:00	7.2	1.480	17.4	183,352	Open	11.1	116
4/17/2025	10:15:00	7.2	2.063	8.5	183,381	Open	11.1	116
4/17/2025	10:30:00	7.2	2.070	13.5	183,412	Open	11.2	116
4/17/2025	10:45:00	7.2	2.029	16.4	183,443	Open	11.2	114
4/17/2025	11:00:00	7.2	1.484	17.5	183,470	Open	11.3	113
4/17/2025	11:15:00	7.2	2.067	18.3	183,499	Open	11.3	113
4/17/2025	11:30:00	7.2	2.051	49	183,530	Open	11.3	112
4/17/2025	11:45:00	7.2	2.021	34.1	183,561	Open	11.4	112
4/17/2025	12:00:00	7.2	0.961	29.8	183,584	Open	11.4	112
4/17/2025	12:15:00	7.2	2.051	19.6	183,613	Open	11.4	113

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/17/2025	12:30:00	7.2	0.261	19.1	183,636	Open	11.6	113
4/17/2025	12:45:00	7.2	2.089	14.9	183,651	Open	11.6	113
4/17/2025	13:00:00	7.2	1.094	17.1	183,675	Open	11.5	113
4/17/2025	13:15:00	7.1	2.123	11.9	183,705	Open	11.6	113
4/17/2025	13:30:00	7.2	2.082	8.9	183,736	Open	11.6	113
4/17/2025	13:45:00	7.2	2.040	5.2	183,767	Open	11.6	113
4/17/2025	14:00:00	7.2	1.484	5	183,794	Open	11.7	113
4/17/2025	14:15:00	7.2	2.051	6.6	183,824	Open	11.6	114
4/17/2025	14:30:00	7.2	2.002	8.8	183,854	Open	11.6	113
4/17/2025	14:45:00	7.2	2.040	7.9	183,885	Open	11.6	114
4/17/2025	15:00:00	7.2	1.484	52.5	183,911	Open	11.6	114
4/17/2025	15:15:00	7.2	2.025	10.4	183,941	Open	11.7	113
4/17/2025	15:30:00	7.2	2.021	7.3	183,971	Open	11.6	114
4/17/2025	15:45:00	7.2	1.972	6.1	184,001	Open	11.7	114
4/17/2025	16:00:00	7.3	1.495	4.8	184,028	Open	11.8	113
4/17/2025	16:15:00	7.3	2.051	6.3	184,057	Open	11.8	114
4/17/2025	16:30:00	7.3	2.051	5.1	184,088	Open	11.9	114
4/17/2025	16:45:00	7.3	2.014	4	184,118	Open	11.9	114
4/17/2025	17:00:00	7.3	1.506	10.6	184,145	Open	11.9	114
4/17/2025	17:15:00	7.3	2.097	4	184,175	Open	11.9	114
4/17/2025	17:30:00	7.3	2.082	4	184,206	Open	11.8	114
4/17/2025	17:45:00	7.3	2.017	4.9	184,237	Open	11.8	114
4/17/2025	18:00:00	7.3	1.514	15	184,263	Open	11.8	114
4/17/2025	18:15:00	7.3	2.176	7	184,293	Open	11.7	114
4/17/2025	18:30:00	7.3	2.139	4.6	184,325	Open	11.6	113
4/17/2025	19:00:00	7.3	1.624	9.2	184,386	Open	11.5	112

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/17/2025	19:15:00	7.3	2.207	3.2	184,417	Open	11.4	112
4/17/2025	19:30:00	7.3	2.135	4.5	184,450	Open	11.4	112
4/17/2025	19:45:00	7.2	2.101	5.8	184,482	Open	11.4	112
4/17/2025	20:00:00	7.2	0.916	16.9	184,509	Closed	11.5	112
4/17/2025	20:15:00	7.2	2.161	9.5	184,540	Open	11.8	112
4/17/2025	20:30:00	7.1	2.343	5.6	184,573	Open	12.1	112
4/17/2025	20:45:00	7.1	2.260	4.6	184,606	Open	11.3	112
4/17/2025	21:00:00	7.1	2.324	5.2	184,631	Open	11.2	111
4/17/2025	21:15:00	7.1	2.320	4	184,665	Open	11.2	112
4/17/2025	21:30:00	7.1	2.051	4.3	184,697	Open	11.1	111
4/17/2025	21:45:00	7.1	2.104	6.6	184,724	Open	11.1	111
4/17/2025	22:00:00	7.1	2.055	12.8	184,754	Open	11.1	111
4/17/2025	22:15:00	7.1	2.157	4.1	184,786	Open	11	111
4/17/2025	22:30:00	7.1	2.127	5	184,818	Open	11	111
4/17/2025	22:45:00	7.1	2.207	3.8	184,841	Open	11	111
4/17/2025	23:00:00	7.1	2.207	5.3	184,874	Open	10.9	111
4/17/2025	23:15:00	7.1	2.188	6.3	184,907	Open	10.9	111
4/17/2025	23:30:00	7	2.199	7.8	184,940	Open	10.9	111
4/17/2025	23:45:00	7	2.176	7.6	184,972	Open	10.8	111
4/18/2025	0:00:00	7	1.158	25.1	184,995	Closed	10.8	110
4/18/2025	0:15:00	7	2.165	8.9	185,022	Open	10.7	112
4/18/2025	0:30:00	7	2.142	4.7	185,054	Open	10.7	110
4/18/2025	0:45:00	7	2.290	8.9	185,088	Open	10.7	110
4/18/2025	1:00:00	7	2.275	8	185,123	Open	10.7	111
4/18/2025	1:15:00	7	2.260	6.2	185,157	Open	10.7	113
4/18/2025	1:30:00	7	2.377	6.8	185,191	Open	10.8	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/18/2025	1:45:00	7	2.256	6	185,225	Open	10.8	113
4/18/2025	2:00:00	7	2.237	6.7	185,259	Open	10.8	113
4/18/2025	2:15:00	7	2.256	7	185,292	Open	10.8	113
4/18/2025	2:30:00	7	2.245	6	185,325	Open	10.8	114
4/18/2025	2:45:00	7	2.286	6.2	185,360	Open	10.8	115
4/18/2025	3:00:00	7	2.260	7.7	185,394	Open	10.8	116
4/18/2025	3:15:00	7	2.226	11.6	185,428	Open	10.9	116
4/18/2025	3:30:00	7	2.233	7.3	185,461	Open	10.9	114
4/18/2025	3:45:00	7	2.260	6.7	185,495	Open	10.9	114
4/18/2025	4:00:00	7	2.210	16.9	185,528	Open	10.9	116
4/18/2025	4:15:00	7.1	0.000	44.8	185,537	Closed	10.7	114
4/18/2025	4:30:00	7	2.188	5.2	185,554	Open	10.6	114
4/18/2025	4:45:00	7	2.131	5.5	185,586	Open	10.6	114
4/18/2025	5:00:00	7	2.123	5.4	185,618	Open	10.6	116
4/18/2025	5:15:00	7	2.108	5.3	185,648	Open	10.6	114
4/18/2025	5:30:00	7	2.139	6	185,680	Open	10.6	114
4/18/2025	5:45:00	7	2.082	4.8	185,712	Open	10.6	114
4/18/2025	6:00:00	7	2.093	6	185,744	Open	10.6	114
4/18/2025	6:15:00	7	2.101	4.9	185,775	Open	10.6	114
4/18/2025	6:30:00	7	2.112	6.8	185,807	Open	10.6	114
4/18/2025	6:45:00	7	2.101	5	185,838	Open	10.6	114
4/18/2025	7:00:00	7	2.241	5.7	185,870	Open	10.6	116
4/18/2025	7:15:00	7	2.245	6.8	185,903	Open	10.6	116
4/18/2025	7:30:00	7	2.267	6.9	185,937	Open	10.6	116
4/18/2025	7:45:00	7	2.218	12	185,970	Open	10.6	116
4/18/2025	8:00:00	7	2.245	11.7	186,004	Open	10.6	116

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/18/2025	8:15:00	7	2.192	13.7	186,037	Open	10.6	116
4/18/2025	8:30:00	7	2.286	28.4	186,055	Closed	10.7	116
4/18/2025	8:45:00	7	2.381	81.1	186,055	Closed	10.7	117
4/18/2025	9:00:00	7	0.659	46.9	186,055	Closed	10.8	116
4/18/2025	9:15:00	7	0.526	18.2	186,055	Closed	11.3	117
4/18/2025	9:30:00	7	2.324	6	186,072	Open	10.8	116
4/18/2025	9:45:00	7	2.339	10.1	186,107	Open	10.9	117
4/18/2025	10:00:00	7	2.347	12.2	186,138	Open	10.9	117
4/18/2025	10:15:00	7	2.339	17.2	186,174	Open	11	117
4/18/2025	10:30:00	7	2.441	13.5	186,200	Open	11.1	117
4/18/2025	10:45:00	6.9	2.430	9.2	186,210	Open	11.5	117
4/18/2025	11:00:00	6.9	2.456	8.3	186,247	Open	11.2	118
4/18/2025	11:15:00	6.9	0.382	11.5	186,263	Open	11.5	118
4/18/2025	11:30:00	6.9	2.438	41.6	186,270	Open	12.3	117
4/18/2025	11:45:00	7	2.419	7.3	186,307	Open	11.5	118
4/18/2025	12:00:00	7	2.419	10.6	186,343	Open	11.5	119
4/18/2025	12:15:00	7	2.430	14.4	186,379	Open	11.5	119
4/18/2025	12:30:00	7	2.464	19.5	186,412	Open	11.5	119
4/18/2025	12:45:00	7	2.434	15.7	186,449	Open	11.6	119
4/18/2025	13:00:00	7	0.276	15.6	186,462	Open	11.9	116
4/18/2025	13:15:00	7	2.445	6.1	186,496	Open	11.6	116
4/18/2025	13:30:00	7	2.509	7	186,529	Open	11.6	116
4/18/2025	13:45:00	7	2.438	6	186,566	Open	11.6	114
4/18/2025	14:00:00	7	2.388	11.3	186,602	Open	11.6	116
4/18/2025	14:15:00	7	0.397	6.6	186,624	Open	11.8	114
4/18/2025	14:30:00	7	2.434	1.7	186,648	Open	11.6	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/18/2025	14:45:00	7	2.377	3.7	186,684	Open	11.7	114
4/18/2025	15:00:00	7	2.332	3.7	186,719	Open	11.7	114
4/18/2025	15:15:00	7	2.309	4.7	186,754	Open	11.6	114
4/18/2025	15:30:00	7	2.494	4	186,782	Open	11.5	114
4/18/2025	15:45:00	7	2.419	9.3	186,819	Open	11.5	114
4/18/2025	16:00:00	7	2.415	11.2	186,855	Open	11.5	114
4/18/2025	16:15:00	7	2.400	16.1	186,866	Open	11.8	113
4/18/2025	16:30:00	7	2.491	3.6	186,899	Open	11.4	113
4/18/2025	16:45:00	7	2.453	3.7	186,936	Open	11.4	113
4/18/2025	17:00:00	7	2.449	3.7	186,973	Open	11.4	113
4/18/2025	17:15:00	7	2.400	8.3	187,009	Open	11.4	114
4/18/2025	17:30:00	7	0.273	8.8	187,023	Open	11.7	114
4/18/2025	17:45:00	7	2.449	4.6	187,054	Open	11.4	114
4/18/2025	18:00:00	7	2.453	30.5	187,091	Open	11.4	114
4/18/2025	18:15:00	7	0.246	12.1	187,112	Open	11.6	113
4/18/2025	18:30:00	7	2.491	5.5	187,135	Open	11.3	114
4/18/2025	18:45:00	7	2.487	5	187,172	Open	11.3	113
4/18/2025	19:00:00	7	2.445	6.7	187,209	Open	11.2	113
4/18/2025	19:15:00	7	2.407	5.3	187,246	Open	11.2	113
4/18/2025	19:30:00	7	2.332	7.6	187,281	Open	11.2	113
4/18/2025	19:45:00	7	2.313	6.2	187,317	Open	11.2	113
4/18/2025	20:00:00	7	0.000	3.8	187,332	Closed	11.4	113
4/18/2025	20:15:00	6.9	2.226	6	187,359	Open	11.1	112
4/18/2025	20:30:00	6.8	2.157	3	187,388	Open	11	112
4/18/2025	20:45:00	6.6	2.169	3.8	187,420	Open	11	112
4/18/2025	21:00:00	6.4	2.127	4.5	187,452	Open	11	112

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/18/2025	21:15:00	6.4	2.067	5.3	187,484	Open	10.9	112
4/18/2025	21:30:00	6.4	2.157	6.5	187,515	Open	10.9	112
4/18/2025	21:45:00	6.5	2.131	5.9	187,547	Open	10.9	112
4/18/2025	22:00:00	6.5	2.093	5.8	187,579	Open	10.9	111
4/18/2025	22:15:00	6.6	2.040	6.2	187,610	Open	10.9	112
4/18/2025	22:30:00	6.6	2.313	3.6	187,636	Open	10.9	112
4/18/2025	22:45:00	6.6	2.271	4.9	187,670	Open	10.9	112
4/18/2025	23:00:00	6.6	2.260	5	187,704	Open	10.9	112
4/18/2025	23:15:00	6.6	2.248	6.1	187,738	Open	10.9	112
4/18/2025	23:30:00	6.7	2.237	6	187,772	Open	10.9	112
4/18/2025	23:45:00	6.7	2.207	7.2	187,805	Open	10.9	112
4/19/2025	0:00:00	6.7	2.157	7.5	187,838	Open	10.9	111
4/19/2025	0:15:00	6.7	2.101	8.4	187,870	Open	10.9	112
4/19/2025	0:30:00	6.7	2.142	4.3	187,896	Open	10.9	112
4/19/2025	0:45:00	6.7	2.120	8	187,928	Open	10.9	111
4/19/2025	1:00:00	6.7	2.108	5	187,959	Open	10.8	112
4/19/2025	1:15:00	6.7	2.135	7.7	187,991	Open	10.8	111
4/19/2025	1:30:00	6.7	2.093	6.8	188,023	Open	10.8	111
4/19/2025	1:45:00	6.8	2.104	5.3	188,054	Open	10.8	111
4/19/2025	2:00:00	6.8	2.051	4.1	188,085	Open	10.9	111
4/19/2025	2:15:00	6.8	2.040	3.8	188,116	Open	11	112
4/19/2025	2:30:00	6.9	2.210	3.1	188,141	Open	11.1	112
4/19/2025	2:45:00	6.9	2.180	4.3	188,174	Open	11	112
4/19/2025	3:15:00	6.9	2.222	6.6	188,243	Open	10.9	111
4/19/2025	3:30:00	6.9	2.184	7.8	188,276	Open	10.8	111
4/19/2025	3:45:00	6.9	2.135	7.4	188,308	Open	10.8	111

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/19/2025	4:00:00	6.9	2.263	14.6	188,332	Open	10.7	111
4/19/2025	4:15:00	7	2.226	5	188,366	Open	10.7	111
4/19/2025	4:30:00	6.9	0.000	10.9	188,384	Open	10.9	112
4/19/2025	4:45:00	7	2.203	6.1	188,414	Open	10.7	111
4/19/2025	5:00:00	7	2.157	5.1	188,447	Open	10.7	112
4/19/2025	5:15:00	7	2.116	5	188,479	Open	10.8	114
4/19/2025	5:30:00	7	2.135	4.8	188,511	Open	10.8	114
4/19/2025	5:45:00	7	2.006	4	188,542	Open	10.8	115
4/19/2025	6:00:00	7	2.101	14.7	188,566	Open	10.8	115
4/19/2025	6:15:00	7	2.131	2.2	188,598	Open	10.8	116
4/19/2025	6:30:00	7	2.078	5.5	188,630	Open	10.8	116
4/19/2025	6:45:00	7	2.055	2.9	188,661	Open	10.8	116
4/19/2025	7:00:00	7	0.265	134.3	188,688	Closed	10.8	116
4/19/2025	7:15:00	7	2.078	2.9	188,713	Open	10.9	116
4/19/2025	7:30:00	7	2.139	4.1	188,745	Open	10.9	116
4/19/2025	7:45:00	7	2.097	2.5	188,776	Open	10.9	114
4/19/2025	8:00:00	7	2.059	3.9	188,808	Open	10.9	113
4/19/2025	8:15:00	7	2.051	3.5	188,838	Open	10.9	113
4/19/2025	8:30:00	7	2.033	4.4	188,869	Open	11	114
4/19/2025	8:45:00	7	2.195	7.4	188,892	Open	10.9	113
4/19/2025	9:00:00	7	2.267	4.3	188,917	Open	11	113
4/19/2025	9:15:00	7	2.226	2.3	188,951	Open	11	112
4/19/2025	9:30:00	7	2.188	2.6	188,984	Open	11	112
4/19/2025	9:45:00	7	2.135	2.9	189,016	Open	11.1	112
4/19/2025	10:00:00	7	0.587	11.5	189,042	Open	11	113
4/19/2025	10:15:00	7	2.222	2.3	189,073	Open	11.1	113

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/19/2025	10:30:00	7	2.173	2.7	189,106	Open	11.1	113
4/19/2025	10:45:00	7	2.154	4.1	189,138	Open	11.1	113
4/19/2025	11:00:00	7	2.078	3.7	189,170	Open	11.2	112
4/19/2025	11:15:00	7	2.241	3.7	189,193	Open	11.2	113
4/19/2025	11:30:00	7	2.192	3.5	189,226	Open	11.3	113
4/19/2025	11:45:00	7	2.157	3.5	189,259	Open	11.3	114
4/19/2025	12:00:00	7	2.097	3.6	189,291	Open	11.4	114
4/19/2025	12:15:00	7	2.044	6.8	189,323	Open	11.4	114
4/19/2025	12:30:00	7	1.170	29.9	189,352	Open	11.4	114
4/19/2025	12:45:00	7	2.207	4.2	189,368	Open	11.5	114
4/19/2025	13:00:00	7	2.150	4.1	189,400	Open	11.4	114
4/19/2025	13:15:00	7	2.086	4.4	189,433	Open	11.3	114
4/19/2025	13:30:00	7	1.090	14.1	189,459	Open	11.3	114
4/19/2025	13:45:00	7	2.263	2.8	189,486	Open	11.4	114
4/19/2025	14:00:00	7	2.203	4.4	189,520	Open	11.4	114
4/19/2025	14:15:00	7	2.154	4	189,552	Open	11.4	114
4/19/2025	14:30:00	7	2.104	4.1	189,584	Open	11.4	114
4/19/2025	14:45:00	7	2.063	5.6	189,615	Open	11.5	114
4/19/2025	15:00:00	7	2.036	4.2	189,646	Open	11.7	114
4/19/2025	15:15:00	7	0.662	9.9	189,675	Open	11.7	114
4/19/2025	15:30:00	7	2.263	4.7	189,697	Open	11.7	114
4/19/2025	15:45:00	7	2.207	4.3	189,731	Open	11.8	114
4/19/2025	16:00:00	7	2.169	5.2	189,763	Open	11.8	114
4/19/2025	16:15:00	7	2.108	5	189,795	Open	11.9	114
4/19/2025	16:30:00	7	2.248	3	189,819	Open	11.9	114
4/19/2025	16:45:00	7	2.237	4.4	189,853	Open	11.9	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/19/2025	17:00:00	7	2.192	4.4	189,886	Open	11.9	114
4/19/2025	17:15:00	7	2.184	6.6	189,919	Open	11.8	114
4/19/2025	17:30:00	7.1	2.169	11.4	189,951	Open	11.7	114
4/19/2025	17:45:00	7.3	2.169	5.8	189,983	Open	11.6	114
4/19/2025	18:00:00	7.5	2.131	7.1	190,016	Open	11.5	114
4/19/2025	18:15:00	7.5	2.086	5.6	190,047	Open	11.5	114
4/19/2025	18:30:00	7.6	2.263	4.5	190,071	Open	11.5	114
4/19/2025	18:45:00	7.6	2.237	6.3	190,105	Open	11.4	114
4/19/2025	19:00:00	7.6	2.188	5.2	190,138	Open	11.4	114
4/19/2025	19:15:00	7.6	1.616	5.3	190,171	Open	11.3	114
4/19/2025	19:30:00	7.6	2.233	3.8	190,198	Open	11.3	114
4/19/2025	19:45:00	7.8	2.226	3.6	190,231	Open	11.3	114
4/19/2025	20:00:00	7.7	0.643	56.9	190,263	Open	11.3	114
4/19/2025	20:15:00	7.6	2.154	3.7	190,287	Open	11.2	114
4/19/2025	20:30:00	7.6	2.449	7.1	190,321	Open	11.2	114
4/19/2025	20:45:00	7.5	2.407	4.3	190,358	Open	11.2	114
4/19/2025	21:00:00	7.5	2.362	4.3	190,394	Open	11.2	114
4/19/2025	21:15:00	7.5	2.305	6.5	190,429	Open	11.4	114
4/19/2025	21:30:00	7.5	2.267	6.9	190,463	Open	11.5	114
4/19/2025	21:45:00	7.5	2.222	6.4	190,497	Open	11.5	114
4/19/2025	22:00:00	7.5	2.252	4.9	190,525	Open	11.3	112
4/19/2025	22:15:00	7.4	2.377	6.3	190,560	Open	11.2	112
4/19/2025	22:30:00	7.4	2.358	5.7	190,596	Open	11.1	111
4/19/2025	22:45:00	7.4	2.294	7.9	190,630	Open	11	111
4/19/2025	23:00:00	7.4	2.581	34.8	190,660	Closed	10.9	111
4/19/2025	23:15:00	7.4	1.987	8.6	190,691	Open	10.9	111

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/19/2025	23:30:00	7.2	2.301	9.9	190,722	Open	10.9	111
4/19/2025	23:45:00	7.2	2.157	8.7	190,751	Open	10.8	112
4/20/2025	0:00:00	7.2	2.135	7.7	190,783	Open	10.7	111
4/20/2025	0:15:00	7.4	2.120	8.9	190,815	Open	10.6	267
4/20/2025	0:30:00	7.4	2.150	6.8	190,847	Open	10.6	268
4/20/2025	0:45:00	7.4	2.139	3.8	190,874	Open	10.5	268
4/20/2025	1:00:00	7.2	2.237	4.6	190,907	Open	10.5	268
4/20/2025	1:15:00	7.1	2.297	4.9	190,940	Open	10.5	267
4/20/2025	1:30:00	7	2.256	3.8	190,974	Open	10.6	267
4/20/2025	1:45:00	6.9	2.256	6.4	191,008	Open	10.6	265
4/20/2025	2:00:00	6.9	0.454	10.6	191,036	Open	10.6	265
4/20/2025	2:15:00	6.9	2.460	5.9	191,068	Open	10.7	266
4/20/2025	2:30:00	6.8	2.453	6.9	191,105	Open	10.8	271
4/20/2025	2:45:00	6.8	2.434	5.6	191,141	Open	10.8	269
4/20/2025	3:00:00	6.8	1.847	12.5	191,175	Open	10.9	271
4/20/2025	3:15:00	6.8	2.392	4.3	191,210	Open	10.9	271
4/20/2025	3:30:00	6.8	2.267	2.6	191,245	Open	11	271
4/20/2025	3:45:00	6.8	2.157	3.7	191,279	Open	11	269
4/20/2025	4:00:00	6.8	2.377	2.4	191,302	Open	10.9	267
4/20/2025	4:15:00	6.8	2.426	2.7	191,339	Open	11	269
4/20/2025	4:30:00	6.8	2.309	1.8	191,374	Open	11.1	269
4/20/2025	4:45:00	7	0.912	11.6	191,403	Open	11	269
4/20/2025	5:00:00	7.2	2.358	3.3	191,437	Open	11	265
4/20/2025	5:15:00	7.3	2.350	4.7	191,472	Open	10.9	265
4/20/2025	5:30:00	7.3	2.339	4.9	191,507	Open	10.9	265
4/20/2025	5:45:00	7.4	2.491	6.7	191,535	Open	10.8	111

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/20/2025	6:00:00	7.4	2.441	4.9	191,572	Open	10.8	111
4/20/2025	6:15:00	7.4	2.392	4.4	191,608	Open	10.8	111
4/20/2025	6:30:00	7.4	2.335	5.3	191,643	Open	10.8	111
4/20/2025	6:45:00	7.4	2.316	6.2	191,679	Open	10.8	111
4/20/2025	7:00:00	7.5	2.290	3.4	191,708	Open	10.8	111
4/20/2025	7:15:00	7.5	2.226	4.4	191,742	Open	10.7	111
4/20/2025	7:30:00	7.5	2.218	3.4	191,775	Open	10.8	111
4/20/2025	7:45:00	7.5	2.460	3.2	191,799	Open	10.8	111
4/20/2025	8:00:00	7.5	2.419	4.2	191,836	Open	10.9	112
4/20/2025	8:15:00	7.5	2.385	4.4	191,873	Open	10.9	112
4/20/2025	8:30:00	7.5	2.316	4.6	191,908	Open	10.9	112
4/20/2025	8:45:00	7.5	2.256	4.8	191,940	Open	10.8	113
4/20/2025	9:00:00	7.5	2.233	10.8	191,974	Open	10.8	113
4/20/2025	9:15:00	7.5	2.184	14	192,007	Open	10.9	112
4/20/2025	9:30:00	7.6	2.116	15.9	192,040	Open	10.9	112
4/20/2025	9:45:00	7.6	2.214	9.2	192,071	Open	10.8	112
4/20/2025	10:00:00	7.6	1.525	16.3	192,096	Open	10.8	112
4/20/2025	10:15:00	7.6	2.256	9.7	192,130	Open	10.8	112
4/20/2025	10:30:00	7.5	2.218	10.4	192,164	Open	10.9	112
4/20/2025	10:45:00	7.5	2.184	9.1	192,197	Open	10.9	112
4/20/2025	11:00:00	7.5	2.127	11.1	192,229	Open	11	112
4/20/2025	11:15:00	7.5	2.343	20	192,257	Open	11.1	111
4/20/2025	11:30:00	7.5	2.297	12.6	192,292	Open	11.2	112
4/20/2025	11:45:00	7.6	2.294	14.5	192,326	Open	11.3	112
4/20/2025	12:00:00	7.6	2.290	11.8	192,361	Open	11.3	112
4/20/2025	12:15:00	7.7	2.252	15.1	192,395	Open	11.5	112

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/20/2025	12:30:00	7.7	1.726	26.4	192,423	Open	11.6	112
4/20/2025	12:45:00	7.4	2.173	3.7	192,457	Open	11.4	112
4/20/2025	13:00:00	7.1	2.347	6.8	192,479	Open	11.1	111
4/20/2025	13:15:00	7.3	2.229	4.8	192,514	Open	11	265
4/20/2025	13:30:00	7.9	2.214	7.4	192,547	Open	11.1	270
4/20/2025	13:45:00	8.5	0.867	78.2	192,574	Open	11.1	272
4/20/2025	14:00:00	8.7	1.136	89.1	192,599	Closed	10.9	279
4/20/2025	14:15:00	8.2	0.000	31.2	192,599	Closed	11	281
4/20/2025	14:30:00	6.7	2.460	14.1	192,614	Open	10.9	293
4/20/2025	14:45:00	5.7	0.000	18.7	192,620	Closed	11	332
4/20/2025	15:00:00	5.5	2.494	12.8	192,620	Closed	11.1	347
4/20/2025	15:15:00	5.3	1.158	25.9	192,620	Closed	11.1	330
4/20/2025	15:30:00	5.4	2.600	12.6	192,620	Closed	11.4	329
4/20/2025	15:45:00	6.1	2.468	8.7	192,632	Open	11.2	321
4/20/2025	16:00:00	6.7	2.464	12.2	192,669	Open	11.2	318
4/20/2025	16:15:00	7	2.369	11.7	192,705	Open	11.2	306
4/20/2025	16:30:00	7.3	2.207	26.4	192,738	Open	11.2	296
4/20/2025	16:45:00	7.5	2.472	18.9	192,774	Open	11.1	278
4/20/2025	17:00:00	7.7	2.422	22.7	192,810	Open	11.2	275
4/20/2025	17:15:00	7.9	2.422	27.8	192,846	Open	11.2	268
4/20/2025	17:30:00	7.9	0.242	7.9	192,861	Open	11.3	268
4/20/2025	17:45:00	7.8	1.949	12.2	192,889	Open	11.3	270
4/20/2025	18:00:00	7.4	2.415	4.1	192,925	Open	11.2	270
4/20/2025	18:15:00	7.1	2.366	5	192,961	Open	11.1	273
4/20/2025	18:30:00	7	2.347	5.4	192,996	Open	11.2	275
4/20/2025	18:45:00	7	2.294	6.8	193,031	Open	11.2	277

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
4/20/2025	19:00:00	7.2	1.654	15.6	193,062	Open	11.3	277
4/20/2025	19:15:00	7.5	2.377	11.7	193,097	Open	11.3	272
4/20/2025	19:30:00	7.6	2.305	17	193,132	Open	11.3	268
4/20/2025	19:45:00	7.6	2.203	13.6	193,166	Open	11.2	268
4/20/2025	20:00:00	7.2	2.260	8.2	193,189	Open	11.1	268
4/20/2025	20:15:00	7	2.207	9.1	193,223	Open	11.1	272
4/20/2025	20:30:00	6.9	2.218	9.9	193,256	Open	11	271
4/20/2025	20:45:00	6.9	2.108	10.7	193,289	Open	10.9	273
4/20/2025	21:00:00	6.9	1.257	17.6	193,304	Closed	10.9	273
4/20/2025	21:15:00	6.9	2.059	9.1	193,324	Open	10.9	273
4/20/2025	21:30:00	6.8	2.014	11.3	193,354	Open	10.9	276
4/20/2025	21:45:00	6.8	2.067	8.2	193,385	Open	10.9	276
4/20/2025	22:00:00	6.8	2.173	9.6	193,404	Open	10.8	274
4/20/2025	22:15:00	6.8	2.116	6.4	193,437	Open	10.7	274
4/20/2025	22:30:00	6.7	2.142	9.5	193,469	Open	10.7	278
4/20/2025	22:45:00	6.7	2.120	7.2	193,501	Open	10.7	278
4/20/2025	23:00:00	6.7	2.150	7.9	193,532	Open	10.7	279
4/20/2025	23:15:00	6.7	2.097	8.3	193,563	Open	10.7	279
4/20/2025	23:30:00	6.7	0.829	20.6	193,590	Open	10.6	279
4/20/2025	23:45:00	6.7	2.093	6.6	193,617	Open	10.6	278

Appendix B: Photos

Photo 1: No visible sheen observed in the WTP water, April 14

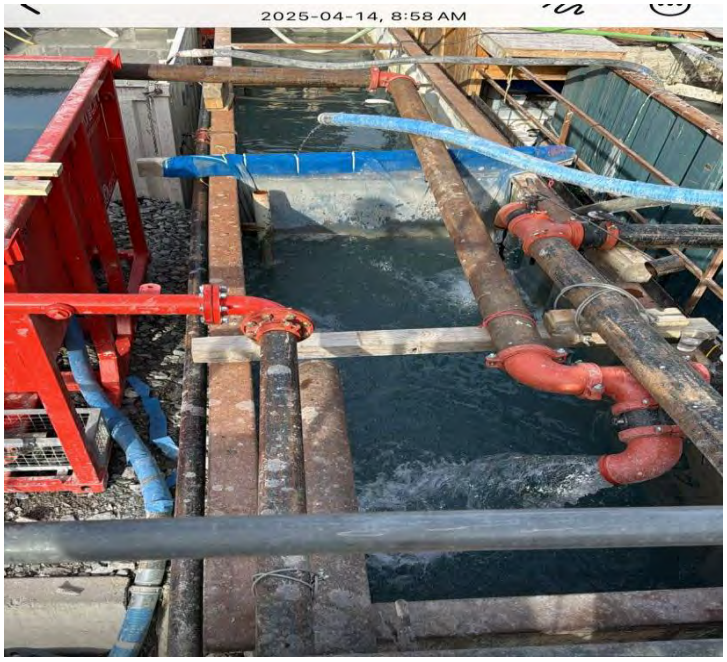



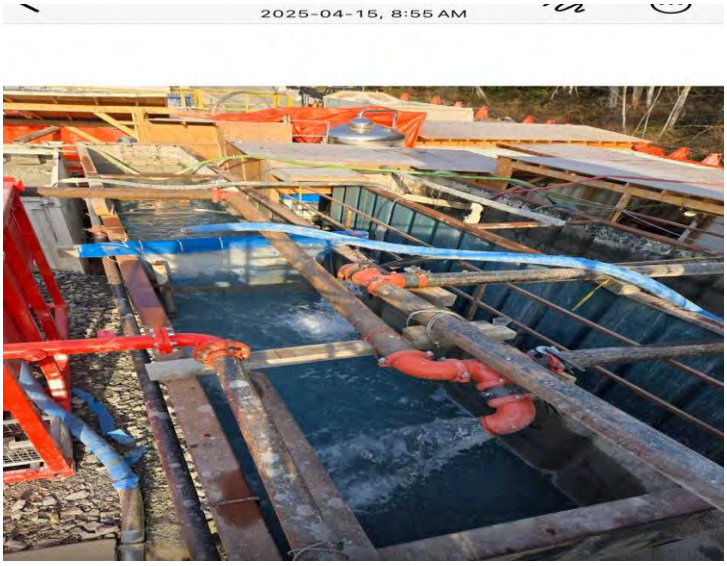
Photo 2: No visible sheen observed in the WTP water, April 15


Photo 3: No visible sheen observed in the WTP water, April 16

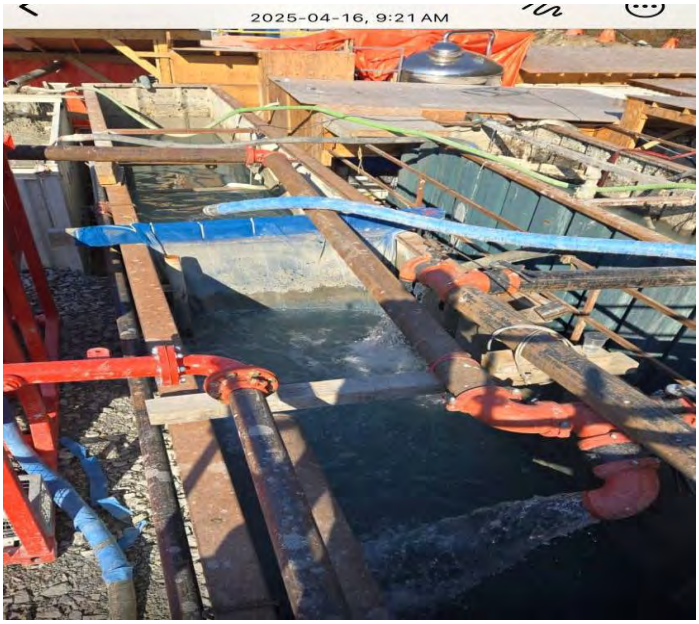



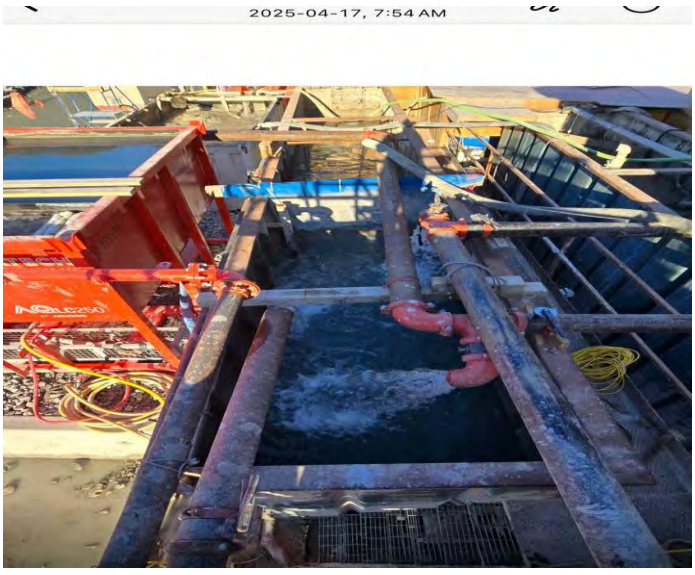
Photo 4: No visible sheen observed in the WTP water, April 17


Photo 5: No visible sheen observed in the WTP water, April 18

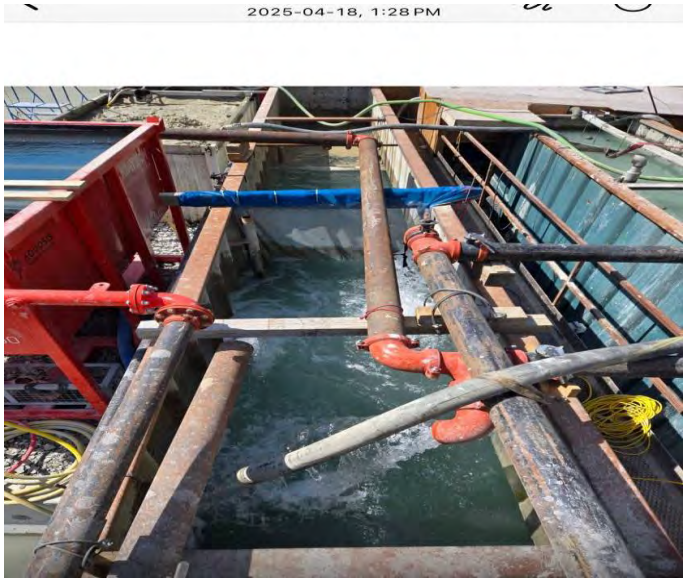



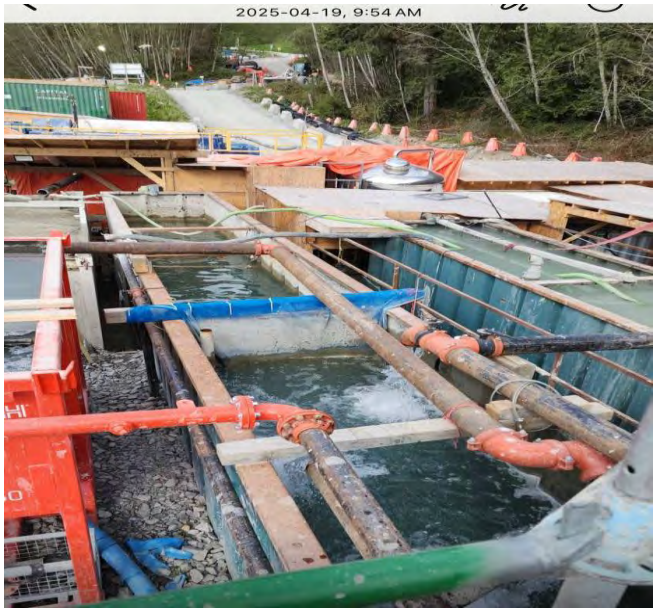
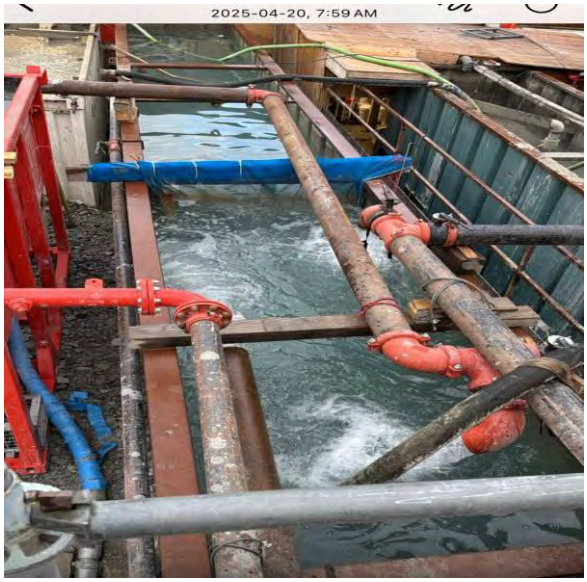
Photo 6: No visible sheen observed in the WTP water, April 19


Photo 7: No visible sheen observed in the WTP water, April 20


Appendix D: Woodfibre Site Receiving Environment Documentation

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 2025-04-15 10:05:00	WLNG DS 2025-04-15 10:27:00
In situ Parameters									
Field pH	**pH Units**	6.5 - 9			7 - 8.7			7.34	7.54
Field Temperature	**°C**	18	19					8	8.3
General Parameters									
pH	**pH Units**							6.38	6.33
Alkalinity (Total as $CaCO_3$)	**mg/L**							4.3	5.2
Alkalinity (PP as $CaCO_3$)	**mg/L**							<1	<1
Hardness ($CaCO_3$)-Total	**mg/L**							5.14	4.66
Hardness ($CaCO_3$)-Dissolved	**mg/L**							4.81	5.73
Sulphide-Total	**mg/L**							<0.0018	<0.0018
Sulphide (as H_2S)	**mg/L**			0.002				<0.002	<0.002
Un-ionized Hydrogen Sulfide as H_2S-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**	1.88	14.7		12	121		<0.015	<0.015
Bicarbonate (HCO_3)	**mg/L**							5.3	6.3
Carbonate (CO_3)	**mg/L**							<1	<1
Hydroxide (OH)	**mg/L**							<1	<1
Nitrate (N)	**mg/L**	3	32.8		3.7			<0.02	<0.02
Nitrite (N)	**mg/L**	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	**mg/L**							<0.02	<0.02
Nitrogen (N)-Total	**mg/L**							0.063	0.056
Phosphorus (P)-Total (4500-P)	**mg/L**							0.0049	0.0059
Bromide (Br)	**mg/L**							<0.01	<0.01
Chloride (Cl)	**mg/L**	150	600					<1	<1
Fluoride (F)	**mg/L**		0.4			1.5		<0.05	<0.05
Sulphate (SO_4)-Dissolved	**mg/L**	128						<1	<1
Total Metals									
Aluminum (Al)-Total	**mg/L**	0.067867						**0.0711**	**0.0845**
Antimony (Sb)-Total	**mg/L**	0.074	0.25					<0.00002	0.000021
Arsenic (As)-Total	**mg/L**	0.005			0.0125			0.000087	0.000099
Barium (Ba)-Total	**mg/L**			1				0.00243	0.00237
Beryllium (Be)-Total	**mg/L**			0.00013			0.1	<0.00001	<0.00001
Bismuth (Bi)-Total	**mg/L**							<0.000005	<0.00001
Boron (B)-Total	**mg/L**	1.2			1.2			<0.01	<0.01
Cadmium (Cd)-Total	**mg/L**						0.00012	<0.000005	0.0000064
Calcium (Ca)-Total	**mg/L**							1.75	1.87
Cesium (Cs)-Total	**mg/L**							<0.00005	<0.00005
Chromium (Cr)-Total	**mg/L**							<0.0001	0.00116
Chromium (Cr III)-Total	**mg/L**			0.0089			0.056	<0.00099	<0.00099
Chromium (Cr VI)-Total	**mg/L**			0.0025			0.0015	**0.0023**	**0.0025**
Cobalt (Co)-Total	**mg/L**	0.004	0.11					0.000019	0.000031
Copper (Cu)-Total	**mg/L**				0.002	0.003		0.00052	0.00048
Iron (Fe)-Total	**mg/L**		1					0.0239	0.0369
Lead (Pb)-Total	**mg/L**				0.002	0.14		0.000013	0.000028
Lithium (Li)-Total	**mg/L**							<0.0005	<0.0005
Magnesium (Mg)-Total	**mg/L**							0.188	<0.25
Manganese (Mn)-Total	**mg/L**	0.626	0.593				0.1	0.00122	0.00145
Mercury (Hg)-Total	**mg/L**	0.00002			0.00002			<0.0000019	<0.0000019
Molybdenum (Mo)-Total	**mg/L**	7.6	46					0.000326	0.00057
Nickel (Ni)-Total	**mg/L**						0.0083	0.000157	0.00023

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 2025-04-15 10:05:00	WLNG DS 2025-04-15 10:27:00
Total Metals (Cont'd.)									
Phosphorus (P)-Total (ICPMS)	**mg/L**							0.0023	0.0067
Potassium (K)-Total	**mg/L**							0.157	<0.25
Rubidium (Rb)-Total	**mg/L**							0.000223	0.000293
Selenium (Se)-Total	**mg/L**	0.002			0.002			<0.00004	<0.00004
Silicon (Si)-Total	**mg/L**							3.36	3.29
Silver (Ag)-Total	**mg/L**	0.00012				0.0037	0.0005	<0.000005	<0.00001
Sodium (Na)-Total	**mg/L**							1.19	1.09
Strontium (Sr)-Total	**mg/L**							0.0093	0.0087
Sulphur (S)-Total	**mg/L**							<3	<3
Tellurium (Te)-Total	**mg/L**							<0.00002	<0.00002
Thallium (Tl)-Total	**mg/L**			0.00003				<0.000002	<0.000002
Thorium (Th)-Total	**mg/L**							<0.00005	<0.00005
Tin (Sn)-Total	**mg/L**							<0.0002	<0.0002
Titanium (Ti)-Total	**mg/L**							0.00052	<0.002
Uranium (U)-Total	**mg/L**		0.0165	0.0075				0.000108	0.00011
Vanadium (V)-Total	**mg/L**			0.06			0.005	<0.0002	<0.0002
Zinc (Zn)-Total	**mg/L**				0.01	0.055		0.00104	0.0014
Zirconium (Zr)-Total	**mg/L**							<0.0001	<0.0001
Dissolved Metals									
Aluminum (Al)-Dissolved	**mg/L**							0.0461	0.0479
Antimony (Sb)-Dissolved	**mg/L**							0.000025	<0.00002
Arsenic (As)-Dissolved	**mg/L**							0.000088	0.00009
Barium (Ba)-Dissolved	**mg/L**							0.00216	0.00225
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**	0.000023	0.000038					0.0000051	<0.000005
Calcium (Ca)-Dissolved	**mg/L**							1.66	2.01
Cesium (Cs)-Dissolved	**mg/L**							<0.00005	<0.00005
Chromium (Cr)-Dissolved	**mg/L**							<0.0001	<0.0001
Cobalt (Co)-Dissolved	**mg/L**							0.0000148	0.0000128
Copper (Cu)-Dissolved	**mg/L**	0.000261689	0.00698498					**0.000453**	**0.000413**
Iron (Fe)-Dissolved	**mg/L**		0.35					0.0103	0.0089
Lead (Pb)-Dissolved	**mg/L**	0.001377						0.0000064	0.0000054
Lithium (Li)-Dissolved	**mg/L**							<0.0005	<0.0005
Manganese (Mn)-Dissolved	**mg/L**							0.000605	0.000392
Magnesium (Mg)-Dissolved	**mg/L**							0.162	0.174
Mercury (Hg)-Dissolved	**mg/L**							<0.0000019	<0.0000019
Molybdenum (Mo)-Dissolved	**mg/L**							0.000286	0.000591
Nickel (Ni)-Dissolved	**mg/L**	0.0006	0.0096					0.000145	0.000168
Phosphorus (P)-Dissolved	**mg/L**							0.0025	0.0035
Potassium (K)-Dissolved	**mg/L**							0.136	0.142
Rubidium (Rb)-Dissolved	**mg/L**							0.000219	0.000243
Selenium (Se)-Dissolved	**mg/L**							<0.00004	<0.00004
Silicon (Si)-Dissolved	**mg/L**							3.3	3.41
Silver (Ag)-Dissolved	**mg/L**							<0.000005	<0.000005
Sodium (Na)-Dissolved	**mg/L**							1.01	1.06
Strontium (Sr)-Dissolved	**mg/L**			1.25				0.00851	0.0086
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**							0.0000063	<0.000005

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 2025-04-15 10:05:00	WLNG DS 2025-04-15 10:27:00
Dissolved Metals (Cont'd.)									
Tin (Sn)-Dissolved	**mg/L**							<0.0002	<0.0002
Titanium (Ti)-Dissolved	**mg/L**							<0.0005	<0.0005
Uranium (U)-Dissolved	**mg/L**							0.000084	0.000092
Vanadium (V)-Dissolved	**mg/L**							<0.0002	<0.0002
Zinc (Zn)-Dissolved	**mg/L**	0.003072	0.008432					0.0009	0.00107
Zirconium (Zr)-Dissolved	**mg/L**							<0.0001	<0.0001
Inorganics									
Organic Carbon (C)-Total	**mg/L**							1.4	1.3
Organic Carbon (C)-Dissolved	**mg/L**							1.6	1.7
Solids-Total Dissolved	**mg/L**							<10	<10
Solids-Total Suspended	**mg/L**	6	26					<1	1.2

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.

Woodfibre Site Receiving Environment Field Notes and Logs

Water Quality Field Data Sheet

Project: FORTIS11234

Location Information

Site ID: WLNG-US **Date:** 15-04-2025

Site Name: WLNG **Time:** 10:27

Site UTM: Zone: E: **Crew:** JC

(NAD83) N: **Weather:** **Clear** **Sunny** Foggy Cloudy Rain Snow

In Situ Parameters

pH: 7.34 DO: (mg/L)

Temp.: 8 (°C) Cond: 18 (us)

Turbidity: 0 FRNU

Visible Sheen: Y / **N**

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

Photo Record

Photo

Photo

Photo

Observations

Location Information

Site ID: WLNG-DS **Date:** 15-04-2025

Site Name: WLNG **Time:** 10:05

Site UTM: Zone: E: **Crew:** JC

(NAD83) N: **Weather:** **Clear** **Sunny** Foggy Cloudy Rain Snow

In Situ Parameters

pH: 7.54 DO: (mg/L)

Temp.: 8 (°C) Cond: 45 (us)

Turbidity: 4.62 FRNU

Visible Sheen: Y / **N**

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

Figure 1 **WLNG Downstream sampling location.**

Figure 2 **WLNG Upstream Sampling Location.**

Figure 3 WLNG End Of Pipe Sampling Location.

Woodfibre LNG							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG - DS	2025-04-15 00:00:00	9.283	81.844	0.045	7.452	10.626	4.575
WLNG - DS	2025-04-15 01:00:00	9.161	79.469	0.040	7.469	10.669	4.039
WLNG - DS	2025-04-15 02:00:00	8.835	64.404	0.041	7.426	10.686	4.610
WLNG - DS	2025-04-15 03:00:00	9.020	81.451	0.042	7.472	10.698	6.939
WLNG - DS	2025-04-15 04:00:00	8.924	81.050	0.041	7.467	10.730	6.370
WLNG - DS	2025-04-15 05:00:00	8.848	83.424	0.044	7.464	10.752	6.750
WLNG - DS	2025-04-15 06:00:00	8.764	83.334	0.047	7.434	10.780	4.577
WLNG - DS	2025-04-15 07:00:00	8.576	81.727	0.056	7.346	10.839	4.765
WLNG - DS	2025-04-15 08:00:00	7.744	37.269	0.067	6.917	11.133	6.491
WLNG - DS	2025-04-15 09:00:00	8.743	80.929	0.047	7.411	10.792	7.599
WLNG - DS	2025-04-15 10:00:00	8.112	18.736	0.061	6.873	10.951	1.456
WLNG - DS	2025-04-15 11:00:00	9.456	82.766	0.044	7.466	10.619	5.361
WLNG - DS	2025-04-15 12:00:00	9.907	84.750	0.043	7.494	10.484	6.193
WLNG - DS	2025-04-15 13:00:00	10.357	85.105	0.042	7.516	10.370	3.983
WLNG - DS	2025-04-15 14:00:00	10.791	84.036	0.042	7.572	10.251	8.011
WLNG - DS	2025-04-15 15:00:00	10.910	82.487	0.045	7.542	10.211	7.740
WLNG - DS	2025-04-15 16:00:00	10.490	18.787	0.065	6.927	10.290	2.446
WLNG - DS	2025-04-15 17:00:00	10.518	76.367	0.063	7.257	10.323	8.622
WLNG - DS	2025-04-15 18:00:00	10.263	84.608	0.052	7.459	10.342	7.301
WLNG - DS	2025-04-15 19:00:00	9.490	28.365	0.069	6.912	10.547	4.018
WLNG - DS	2025-04-15 20:00:00	9.759	85.254	0.052	7.433	10.472	4.695
WLNG - DS	2025-04-15 21:00:00	9.065	32.741	0.057	7.071	10.641	2.371
WLNG - DS	2025-04-15 22:00:00	9.636	90.025	0.039	7.517	10.501	6.792
WLNG - DS	2025-04-15 23:00:00	9.590	89.750	0.039	7.513	10.514	4.286
WLNG - DS	2025-04-16 00:00:00	9.514	90.010	0.040	7.508	10.553	6.987
WLNG - DS	2025-04-16 01:00:00	9.450	90.676	0.041	7.490	10.565	4.728
WLNG - DS	2025-04-16 02:00:00	9.407	90.979	0.038	7.515	10.576	5.230
WLNG - DS	2025-04-16 03:00:00	9.288	90.422	0.036	7.515	10.614	6.889
WLNG - DS	2025-04-16 04:00:00	9.179	92.384	0.031	7.507	10.633	6.347
WLNG - DS	2025-04-16 05:00:00	8.411	44.893	0.026	7.337	10.776	3.396
WLNG - DS	2025-04-16 06:00:00	8.864	79.779	0.030	7.429	10.711	10.954
WLNG - DS	2025-04-16 07:00:00	8.687	79.424	0.032	7.429	10.784	10.342
WLNG - DS	2025-04-16 08:00:00	7.884	48.580	0.051	7.076	11.078	14.220
WLNG - DS	2025-04-16 09:00:00	8.699	65.782	0.027	7.396	10.784	6.994
WLNG - DS	2025-04-16 10:00:00	9.181	68.921	0.024	7.431	10.646	10.006
WLNG - DS	2025-04-16 11:00:00	8.844	19.932	0.043	6.919	10.748	4.135
WLNG - DS	2025-04-16 12:00:00	9.466	22.191	0.040	7.052	10.588	1.769
WLNG - DS	2025-04-16 13:00:00	9.938	20.654	0.041	6.991	10.459	2.084
WLNG - DS	2025-04-16 14:00:00	10.394	23.001	0.057	6.873	10.389	3.363
WLNG - DS	2025-04-16 15:00:00	10.920	67.679	0.031	7.391	10.226	24.802
WLNG - DS	2025-04-16 16:00:00	10.412	23.176	0.036	7.046	10.321	3.211
WLNG - DS	2025-04-16 17:00:00	10.450	52.757	0.026	7.348	10.322	27.370
WLNG - DS	2025-04-16 18:00:00	10.271	83.486	0.026	7.445	10.391	24.523
WLNG - DS	2025-04-16 19:00:00	9.646	59.837	0.030	7.298	10.530	20.942
WLNG - DS	2025-04-16 20:00:00	8.822	21.530	0.043	6.928	10.726	2.874
WLNG - DS	2025-04-16 21:00:00	9.601	89.436	0.029	7.501	10.549	24.498
WLNG - DS	2025-04-16 22:00:00	9.655	99.491	0.029	7.525	10.543	13.300
WLNG - DS	2025-04-16 23:00:00	9.718	105.870	0.028	7.605	10.518	17.374
WLNG - DS	2025-04-17 00:00:00	8.383	39.421	0.037	7.214		4.924
WLNG - DS	2025-04-17 01:00:00	9.179	95.766	0.032	7.485	10.680	14.412
WLNG - DS	2025-04-17 02:00:00	9.020	96.038	0.033	7.463	10.722	17.879
WLNG - DS	2025-04-17 03:00:00	8.871	93.377	0.033	7.472	10.759	14.760
WLNG - DS	2025-04-17 04:00:00	8.772	95.348	0.035	7.474	10.797	11.332
WLNG - DS	2025-04-17 05:00:00	8.778	97.981	0.030	7.492	10.786	15.020
WLNG - DS	2025-04-17 06:00:00	7.761	46.286	0.033	7.342	11.002	7.750
WLNG - DS	2025-04-17 07:00:00	8.448	89.212	0.038	7.438	10.885	15.404
WLNG - DS	2025-04-17 08:00:00	7.942	64.601	0.040	7.379	11.007	19.364
WLNG - DS	2025-04-17 09:00:00	8.492	81.668	0.038	7.457	10.876	81.910
WLNG - DS	2025-04-17 10:00:00	8.840	80.824	0.039	7.439	10.774	25.947
WLNG - DS	2025-04-17 11:00:00	9.312	80.008	0.038	7.448	10.637	23.708

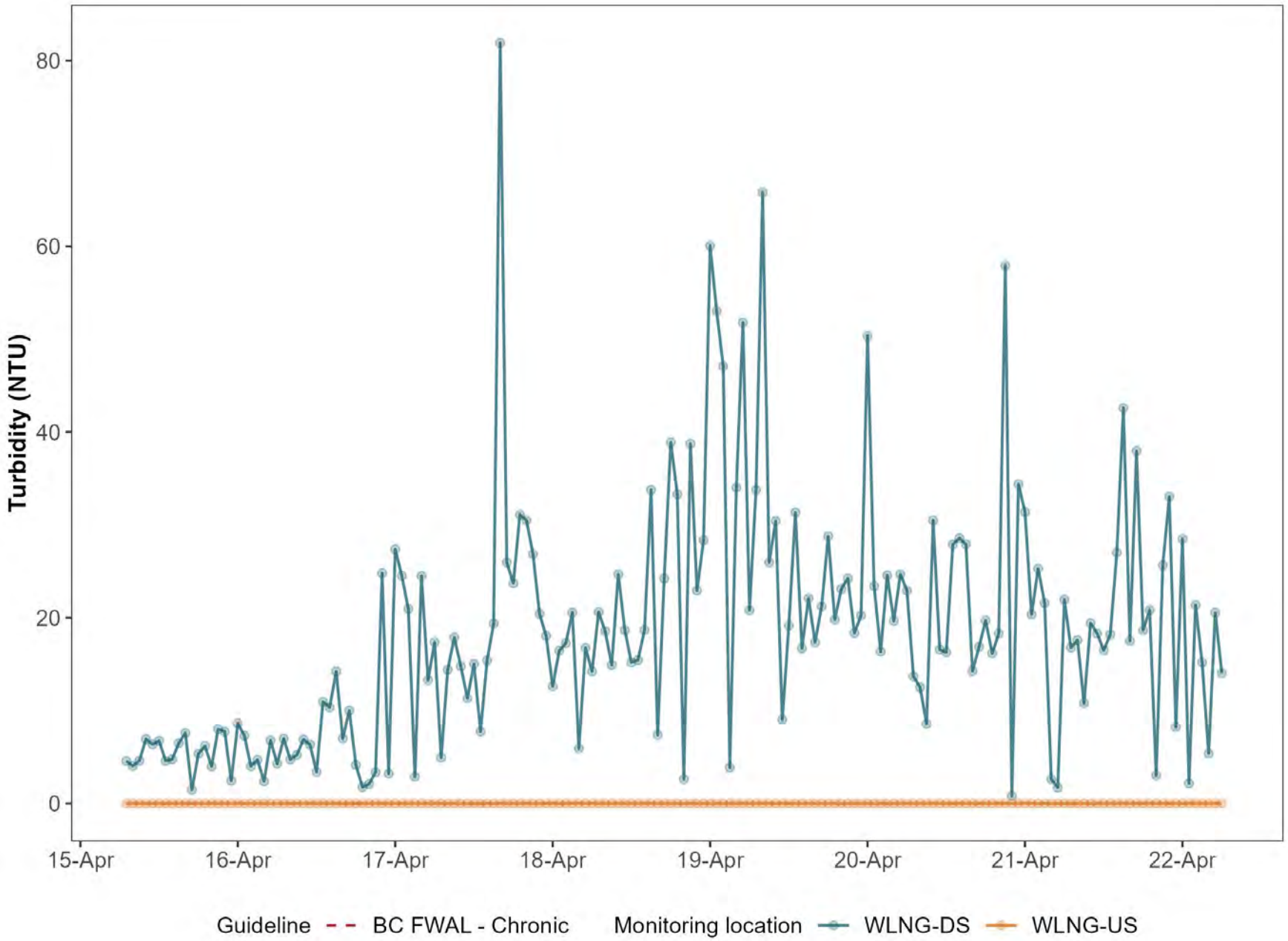
Woodfibre LNG							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG - DS	2025-04-17 12:00:00	9.685	65.921	0.039	7.442	10.549	31.091
WLNG - DS	2025-04-17 13:00:00	9.945	72.399	0.042	7.421	10.490	30.489
WLNG - DS	2025-04-17 14:00:00	10.446	82.275	0.028	7.405	10.488	26.846
WLNG - DS	2025-04-17 15:00:00	10.580	80.601	0.033	7.448	10.458	20.411
WLNG - DS	2025-04-17 16:00:00	10.573	83.150	0.033	7.480	10.454	18.041
WLNG - DS	2025-04-17 17:00:00	10.487	85.368	0.033	7.493	10.457	12.614
WLNG - DS	2025-04-17 18:00:00	10.143	83.894	0.032	7.465	10.549	16.459
WLNG - DS	2025-04-17 19:00:00	9.807	84.273	0.032	7.463	10.623	17.252
WLNG - DS	2025-04-17 20:00:00	9.650	85.591	0.032	7.460	10.654	20.549
WLNG - DS	2025-04-17 21:00:00	9.144	47.799	0.034	7.350	10.735	5.935
WLNG - DS	2025-04-17 22:00:00	9.467	93.927	0.031	7.470	10.713	16.760
WLNG - DS	2025-04-17 23:00:00	9.391	95.550	0.032	7.445	10.736	14.217
WLNG - DS	2025-04-18 00:00:00	8.861	63.540	0.034	7.335	10.861	20.621
WLNG - DS	2025-04-18 01:00:00	9.166	92.772	0.031	7.436	10.810	18.565
WLNG - DS	2025-04-18 02:00:00	9.063	92.268	0.031	7.435	10.842	14.916
WLNG - DS	2025-04-18 03:00:00	8.973	91.896	0.031	7.441	10.821	24.686
WLNG - DS	2025-04-18 04:00:00	8.907	92.438	0.031	7.439	10.865	18.655
WLNG - DS	2025-04-18 05:00:00	8.824	89.844	0.031	7.438	10.891	15.182
WLNG - DS	2025-04-18 06:00:00	8.751	90.012	0.031	7.444	10.910	15.432
WLNG - DS	2025-04-18 07:00:00	8.704	89.691	0.032	7.430	10.943	18.684
WLNG - DS	2025-04-18 08:00:00	8.728	90.605	0.032	7.438	10.906	33.762
WLNG - DS	2025-04-18 09:00:00	7.646	19.269	0.060	6.827	11.106	7.382
WLNG - DS	2025-04-18 10:00:00	9.188	89.671	0.037	7.389	10.803	24.229
WLNG - DS	2025-04-18 11:00:00	9.698	96.822	0.033	7.438	10.641	38.891
WLNG - DS	2025-04-18 12:00:00	10.066	95.838	0.030	7.471	10.563	33.291
WLNG - DS	2025-04-18 13:00:00	10.326	42.970	0.032	7.291	10.457	2.627
WLNG - DS	2025-04-18 14:00:00	10.596	96.060	0.026	7.508	10.412	38.738
WLNG - DS	2025-04-18 15:00:00	10.762	99.609	0.026	7.524	10.367	22.922
WLNG - DS	2025-04-18 16:00:00	10.483	97.963	0.025	7.516	10.440	28.351
WLNG - DS	2025-04-18 17:00:00	10.447	97.800	0.027	7.504	10.460	60.066
WLNG - DS	2025-04-18 18:00:00	10.210	97.744	0.028	7.464	10.564	53.016
WLNG - DS	2025-04-18 19:00:00	9.977	97.561	0.029	7.461	10.595	47.084
WLNG - DS	2025-04-18 20:00:00	9.572	35.855	0.035	7.234	10.590	3.873
WLNG - DS	2025-04-18 21:00:00	9.799	94.742	0.034	7.462	10.532	34.017
WLNG - DS	2025-04-18 22:00:00	9.722	93.122	0.036	7.468	10.544	51.783
WLNG - DS	2025-04-18 23:00:00	9.703	96.218	0.035	7.450	10.587	20.798
WLNG - DS	2025-04-19 00:00:00	9.678	94.730	0.035	7.462	10.570	33.768
WLNG - DS	2025-04-19 01:00:00	9.635	94.164	0.037	7.455	10.584	65.788
WLNG - DS	2025-04-19 02:00:00	9.626	95.335	0.033	7.488	10.554	25.965
WLNG - DS	2025-04-19 03:00:00	9.667	98.474	0.033	7.522	10.584	30.420
WLNG - DS	2025-04-19 04:00:00	9.125	57.759	0.037	7.394	10.669	9.027
WLNG - DS	2025-04-19 05:00:00	9.397	91.174	0.035	7.531	10.622	19.139
WLNG - DS	2025-04-19 06:00:00	9.065	70.878	0.037	7.470	10.709	31.332
WLNG - DS	2025-04-19 07:00:00	9.237	88.494	0.035	7.531	10.668	16.716
WLNG - DS	2025-04-19 08:00:00	9.261	89.158	0.035	7.534	10.667	22.105
WLNG - DS	2025-04-19 09:00:00	9.201	71.491	0.039	7.459	10.693	17.362
WLNG - DS	2025-04-19 10:00:00	9.535	69.436	0.036	7.493	10.619	21.229
WLNG - DS	2025-04-19 11:00:00	9.876	91.824	0.035	7.542	10.521	28.783
WLNG - DS	2025-04-19 12:00:00	10.311	92.499	0.022	7.541	10.390	19.804
WLNG - DS	2025-04-19 13:00:00	10.140	93.302	0.027	7.548	10.458	23.104
WLNG - DS	2025-04-19 14:00:00	10.348	93.544	0.028	7.555	10.403	24.249
WLNG - DS	2025-04-19 15:00:00	10.703	92.854	0.030	7.558	10.328	18.364
WLNG - DS	2025-04-19 16:00:00	10.805	96.557	0.029	7.548	10.274	20.237
WLNG - DS	2025-04-19 17:00:00	10.749	98.664	0.028	7.571	10.286	50.347
WLNG - DS	2025-04-19 18:00:00	10.126	109.346	0.020	7.927	10.441	23.405
WLNG - DS	2025-04-19 19:00:00	9.946	107.825	0.024	7.789	10.519	16.349
WLNG - DS	2025-04-19 20:00:00	9.809	102.036	0.028	7.616	10.526	24.568
WLNG - DS	2025-04-19 21:00:00	9.670	101.125	0.029	7.579	10.572	19.660
WLNG - DS	2025-04-19 22:00:00	9.764	101.814	0.029	7.584	10.533	24.696
WLNG - DS	2025-04-19 23:00:00	9.421	92.306	0.029	7.510	10.599	22.930
WLNG - DS	2025-04-20 00:00:00	9.361	138.745	0.030	7.571	10.669	13.683

Woodfibre LNG							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG - DS	2025-04-20 01:00:00	9.246	124.260	0.030	7.499	10.666	12.499
WLNG - DS	2025-04-20 02:00:00	9.038	90.047	0.031	7.422	10.714	8.582
WLNG - DS	2025-04-20 03:00:00	9.246	105.453	0.030	7.367	10.687	30.486
WLNG - DS	2025-04-20 04:00:00	9.258	106.285	0.032	7.382	10.693	16.581
WLNG - DS	2025-04-20 05:00:00	9.424	107.870	0.023	7.564	10.657	16.274
WLNG - DS	2025-04-20 06:00:00	9.361	103.620	0.023	7.594	10.672	27.888
WLNG - DS	2025-04-20 07:00:00	9.348	100.905	0.023	7.590	10.675	28.567
WLNG - DS	2025-04-20 08:00:00	9.424	104.125	0.021	7.605	10.647	27.906
WLNG - DS	2025-04-20 09:00:00	9.400	98.961	0.023	7.607	10.654	14.256
WLNG - DS	2025-04-20 10:00:00	9.332	78.702	0.027	7.528	10.682	16.872
WLNG - DS	2025-04-20 11:00:00	9.755	97.611	0.024	7.629	10.576	19.693
WLNG - DS	2025-04-20 12:00:00	10.253	106.172	0.017	7.742	10.446	16.170
WLNG - DS	2025-04-20 13:00:00	10.054	74.432	0.026	7.408	10.507	18.287
WLNG - DS	2025-04-20 14:00:00	10.295	121.557	-0.004	8.746	10.412	57.920
WLNG - DS	2025-04-20 15:00:00	10.538	20.927	0.085	6.830	10.319	0.792
WLNG - DS	2025-04-20 16:00:00	10.504	151.684	0.050	7.332	10.361	34.384
WLNG - DS	2025-04-20 17:00:00	10.353	114.929	0.012	8.409	10.387	31.387
WLNG - DS	2025-04-20 18:00:00	10.186	114.556	0.030	7.502	10.422	20.339
WLNG - DS	2025-04-20 19:00:00	10.024	106.518	0.028	7.502	10.459	25.294
WLNG - DS	2025-04-20 20:00:00	9.920	112.476	0.030	7.468	10.480	21.572
WLNG - DS	2025-04-20 21:00:00	9.011	39.169	0.033	7.207	10.674	2.617
WLNG - DS	2025-04-20 22:00:00	8.910	45.577	0.033	7.231	10.699	1.709
WLNG - DS	2025-04-20 23:00:00	9.443	109.527	0.035	7.316	10.626	21.942
WLNG - DS	2025-04-21 00:00:00	9.341	108.999	0.033	7.345	10.638	16.790
WLNG - DS	2025-04-21 01:00:00	9.204	108.426	0.034	7.322	10.699	17.590
WLNG - DS	2025-04-21 02:00:00	8.628	91.274	0.031	7.269	10.762	10.792
WLNG - DS	2025-04-21 03:00:00	9.114	150.717	0.022	7.672	10.708	19.421
WLNG - DS	2025-04-21 04:00:00	9.015	123.762	0.026	7.463	10.726	18.297
WLNG - DS	2025-04-21 05:00:00	8.961	112.633	0.023	7.620	10.763	16.496
WLNG - DS	2025-04-21 06:00:00	8.917	106.271	0.027	7.417	10.768	18.187
WLNG - DS	2025-04-21 07:00:00	8.461	70.004	0.033	7.310	10.949	27.024
WLNG - DS	2025-04-21 08:00:00	8.848	95.337	0.033	7.596	10.847	42.586
WLNG - DS	2025-04-21 09:00:00	9.093	98.265	0.031	7.644	10.765	17.502
WLNG - DS	2025-04-21 10:00:00	9.387	107.005	0.024	7.669	10.680	37.957
WLNG - DS	2025-04-21 11:00:00	9.641	108.204	0.022	7.671	10.618	18.643
WLNG - DS	2025-04-21 12:00:00	10.256	114.758	0.028	7.499	10.465	20.822
WLNG - DS	2025-04-21 13:00:00	10.593	59.415	0.037	7.326	10.341	3.027
WLNG - DS	2025-04-21 14:00:00	10.806	117.476	0.025	7.634	10.297	25.643
WLNG - DS	2025-04-21 15:00:00	10.458	115.787	0.028	7.547	10.400	33.041
WLNG - DS	2025-04-21 16:00:00	10.119	114.937	0.032	7.458	10.482	8.227
WLNG - DS	2025-04-21 17:00:00	10.026	195.484	-0.014	9.371	10.507	28.481
WLNG - DS	2025-04-21 18:00:00	9.670	114.054	0.172	4.600	10.573	2.180
WLNG - DS	2025-04-21 19:00:00	9.781	132.886	0.164	4.667	10.551	21.361
WLNG - DS	2025-04-21 20:00:00	9.633	101.979	0.074	7.114	10.601	15.192
WLNG - DS	2025-04-21 21:00:00	9.064	63.496	0.065	7.146	10.713	5.361
WLNG - DS	2025-04-21 22:00:00	9.345	105.380	0.052	7.429	10.696	20.535
WLNG - DS	2025-04-21 23:00:00	9.330	110.038	0.044	7.420	10.684	14.041
WLNG - US	2025-04-15 00:00:00	8.173	10.686	0.405	6.700	10.767	0.000
WLNG - US	2025-04-15 01:00:00	8.036	10.654	0.408	6.667	10.783	0.000
WLNG - US	2025-04-15 02:00:00	7.927	10.827	0.405	6.742	10.833	0.000
WLNG - US	2025-04-15 03:00:00	7.831	10.661	0.403	6.755	10.865	0.000
WLNG - US	2025-04-15 04:00:00	7.716	10.568	0.400	6.783	10.871	0.000
WLNG - US	2025-04-15 05:00:00	7.620	10.846	0.404	6.739	10.917	0.000
WLNG - US	2025-04-15 06:00:00	7.528	10.530	0.407	6.707	10.922	0.000
WLNG - US	2025-04-15 07:00:00	7.412	10.623	0.405	6.742	10.969	0.000
WLNG - US	2025-04-15 08:00:00	7.402	10.670	0.398	6.796	11.008	0.000
WLNG - US	2025-04-15 09:00:00	7.500	10.742	0.397	6.715	11.013	0.000
WLNG - US	2025-04-15 10:00:00	7.793	10.709	0.387	6.805	10.940	0.000
WLNG - US	2025-04-15 11:00:00	8.214	10.806	0.373	6.854	10.883	0.000
WLNG - US	2025-04-15 12:00:00	8.702	10.668	0.364	6.943	10.772	0.000
WLNG - US	2025-04-15 13:00:00	9.267	10.673	0.369	6.857	10.615	0.000

Woodfibre LNG							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG - US	2025-04-15 14:00:00	9.742	10.717	0.372	6.811	10.476	0.000
WLNG - US	2025-04-15 15:00:00	10.009	11.011	0.367	6.906	10.404	0.000
WLNG - US	2025-04-15 16:00:00	10.016	10.895	0.374	6.827	10.364	0.000
WLNG - US	2025-04-15 17:00:00	9.839	10.799	0.375	6.879	10.367	0.000
WLNG - US	2025-04-15 18:00:00	9.612	10.809	0.383	6.808	10.384	0.000
WLNG - US	2025-04-15 19:00:00	9.386	10.888	0.387	6.799	10.408	0.000
WLNG - US	2025-04-15 20:00:00	9.132	10.994	0.392	6.779	10.453	0.000
WLNG - US	2025-04-15 21:00:00	8.886	10.784	0.394	6.785	10.529	0.000
WLNG - US	2025-04-15 22:00:00	8.657	11.021	0.399	6.735	10.606	0.000
WLNG - US	2025-04-15 23:00:00	8.478	10.816	0.400	6.733	10.643	0.000
WLNG - US	2025-04-16 00:00:00	8.297	10.749	0.402	6.731	10.702	0.000
WLNG - US	2025-04-16 01:00:00	8.140	10.946	0.402	6.734	10.748	0.000
WLNG - US	2025-04-16 02:00:00	7.981	10.841	0.403	6.751	10.784	0.000
WLNG - US	2025-04-16 03:00:00	7.829	10.786	0.402	6.757	10.824	0.000
WLNG - US	2025-04-16 04:00:00	7.685	10.861	0.402	6.769	10.869	0.000
WLNG - US	2025-04-16 05:00:00	7.545	10.891	0.405	6.718	10.883	0.000
WLNG - US	2025-04-16 06:00:00	7.421	10.977	0.413	6.635	10.950	0.000
WLNG - US	2025-04-16 07:00:00	7.310	11.023	0.407	6.707	10.975	0.000
WLNG - US	2025-04-16 08:00:00	7.302	10.754	0.396	6.827	11.038	0.000
WLNG - US	2025-04-16 09:00:00	7.478	10.882	0.396	6.721	11.020	0.000
WLNG - US	2025-04-16 10:00:00	7.861	10.816	0.387	6.780	10.945	0.000
WLNG - US	2025-04-16 11:00:00	8.238	10.731	0.371	6.865	10.893	0.000
WLNG - US	2025-04-16 12:00:00	8.523	10.684	0.369	6.831	10.828	0.000
WLNG - US	2025-04-16 13:00:00	9.050	10.791	0.369	6.854	10.692	0.000
WLNG - US	2025-04-16 14:00:00	9.447	10.936	0.370	6.866	10.580	0.000
WLNG - US	2025-04-16 15:00:00	9.676	10.966	0.368	6.890	10.508	0.000
WLNG - US	2025-04-16 16:00:00	9.651	10.975	0.370	6.900	10.472	0.000
WLNG - US	2025-04-16 17:00:00	9.525	11.040	0.380	6.798	10.446	0.000
WLNG - US	2025-04-16 18:00:00	9.228	11.081	0.381	6.845	10.505	0.000
WLNG - US	2025-04-16 19:00:00	8.911	10.934	0.387	6.811	10.569	0.000
WLNG - US	2025-04-16 20:00:00	8.633	11.025	0.391	6.817	10.628	0.000
WLNG - US	2025-04-16 21:00:00	8.374	11.327	0.397	6.790	10.699	0.000
WLNG - US	2025-04-16 22:00:00	8.159	11.147	0.406	6.668	10.753	0.000
WLNG - US	2025-04-16 23:00:00	7.989	11.126	0.403	6.752	10.815	0.000
WLNG - US	2025-04-17 00:00:00	7.796	10.980	0.402	6.813	10.868	0.000
WLNG - US	2025-04-17 01:00:00	7.607	11.086	0.404	6.789	10.919	0.000
WLNG - US	2025-04-17 02:00:00	7.441	11.219	0.409	6.712	10.955	0.000
WLNG - US	2025-04-17 03:00:00	7.267	11.127	0.407	6.745	11.028	0.000
WLNG - US	2025-04-17 04:00:00	7.150	11.056	0.406	6.783	11.021	0.000
WLNG - US	2025-04-17 05:00:00	6.978	11.062	0.410	6.710	11.105	0.000
WLNG - US	2025-04-17 06:00:00	6.846	11.359	0.412	6.716	11.143	0.000
WLNG - US	2025-04-17 07:00:00	6.729	10.972	0.409	6.745	11.191	0.000
WLNG - US	2025-04-17 08:00:00	6.735	10.847	0.398	6.832	11.218	0.000
WLNG - US	2025-04-17 09:00:00	6.919	10.947	0.390	6.868	11.181	0.000
WLNG - US	2025-04-17 10:00:00	7.265	11.070	0.387	6.806	11.141	0.000
WLNG - US	2025-04-17 11:00:00	7.880	11.275	0.372	6.815	11.050	0.000
WLNG - US	2025-04-17 12:00:00	8.362	11.038	0.364	6.896	10.898	0.000
WLNG - US	2025-04-17 13:00:00	8.844	10.842	0.368	6.883	10.752	0.000
WLNG - US	2025-04-17 14:00:00	9.370	10.955	0.368	6.866	10.604	0.000
WLNG - US	2025-04-17 15:00:00	9.694	10.793	0.368	6.861	10.509	0.000
WLNG - US	2025-04-17 16:00:00	9.713	10.959	0.372	6.833	10.466	0.000
WLNG - US	2025-04-17 17:00:00	9.568	11.375	0.376	6.827	10.465	0.000
WLNG - US	2025-04-17 18:00:00	9.332	10.953	0.381	6.823	10.470	0.000
WLNG - US	2025-04-17 19:00:00	9.091	11.379	0.388	6.795	10.500	0.000
WLNG - US	2025-04-17 20:00:00	8.859	11.225	0.396	6.748	10.561	0.000
WLNG - US	2025-04-17 21:00:00	8.663	11.197	0.403	6.697	10.614	0.000
WLNG - US	2025-04-17 22:00:00	8.480	11.328	0.402	6.773	10.652	0.000
WLNG - US	2025-04-17 23:00:00	8.322	11.285	0.401	6.802	10.688	0.000
WLNG - US	2025-04-18 00:00:00	8.151	11.277	0.401	6.810	10.750	0.000
WLNG - US	2025-04-18 01:00:00	8.009	11.377	0.406	6.742	10.793	0.000
WLNG - US	2025-04-18 02:00:00	7.847	11.184	0.406	6.739	10.823	0.000

Woodfibre LNG							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG - US	2025-04-18 03:00:00	7.735	11.349	0.401	6.832	10.888	0.000
WLNG - US	2025-04-18 04:00:00	7.630	11.306	0.410	6.697	10.907	0.000
WLNG - US	2025-04-18 05:00:00	7.501	11.244	0.406	6.789	10.941	0.000
WLNG - US	2025-04-18 06:00:00	7.386	11.347	0.409	6.759	10.968	0.000
WLNG - US	2025-04-18 07:00:00	7.321	11.180	0.409	6.711	10.998	0.000
WLNG - US	2025-04-18 08:00:00	7.333	11.173	0.395	6.859	11.031	0.000
WLNG - US	2025-04-18 09:00:00	7.470	11.195	0.393	6.769	11.014	0.000
WLNG - US	2025-04-18 10:00:00	7.796	11.362	0.386	6.762	10.974	0.000
WLNG - US	2025-04-18 11:00:00	8.411	11.375	0.368	6.862	10.870	0.000
WLNG - US	2025-04-18 12:00:00	8.861	11.318	0.359	6.963	10.770	0.000
WLNG - US	2025-04-18 13:00:00	9.588	10.112	0.339	6.132	10.547	0.000
WLNG - US	2025-04-18 14:00:00	10.017	11.666	0.335	6.784	10.453	0.000
WLNG - US	2025-04-18 15:00:00	10.225	11.138	0.332	6.900	10.378	0.000
WLNG - US	2025-04-18 16:00:00	10.059	11.152	0.346	6.912	10.396	0.000
WLNG - US	2025-04-18 17:00:00	10.011	11.402	0.358	6.905	10.340	0.000
WLNG - US	2025-04-18 18:00:00	9.811	11.485	0.372	6.792	10.356	0.000
WLNG - US	2025-04-18 19:00:00	9.571	11.301	0.381	6.742	10.373	0.000
WLNG - US	2025-04-18 20:00:00	9.408	11.474	0.380	6.845	10.392	0.000
WLNG - US	2025-04-18 21:00:00	9.273	11.423	0.394	6.706	10.398	0.000
WLNG - US	2025-04-18 22:00:00	9.180	11.298	0.397	6.685	10.423	0.000
WLNG - US	2025-04-18 23:00:00	9.094	11.420	0.393	6.751	10.457	0.000
WLNG - US	2025-04-19 00:00:00	9.033	11.539	0.394	6.760	10.474	0.000
WLNG - US	2025-04-19 01:00:00	8.937	11.428	0.397	6.727	10.494	0.000
WLNG - US	2025-04-19 02:00:00	8.793	11.360	0.398	6.756	10.542	0.000
WLNG - US	2025-04-19 03:00:00	8.648	11.409	0.394	6.848	10.575	0.000
WLNG - US	2025-04-19 04:00:00	8.499	11.421	0.394	6.842	10.611	0.000
WLNG - US	2025-04-19 05:00:00	8.387	11.442	0.395	6.838	10.658	0.000
WLNG - US	2025-04-19 06:00:00	8.222	11.247	0.402	6.741	10.697	0.000
WLNG - US	2025-04-19 07:00:00	8.109	11.244	0.395	6.858	10.761	0.000
WLNG - US	2025-04-19 08:00:00	8.115	11.400	0.393	6.834	10.782	0.000
WLNG - US	2025-04-19 09:00:00	8.284	11.268	0.384	6.894	10.808	0.000
WLNG - US	2025-04-19 10:00:00	8.561	11.206	0.381	6.845	10.770	0.000
WLNG - US	2025-04-19 11:00:00	9.068	11.133	0.364	7.014	10.722	0.000
WLNG - US	2025-04-19 12:00:00	9.338	11.323	0.365	6.897	10.604	0.000
WLNG - US	2025-04-19 13:00:00	9.288	11.270	0.368	6.951	10.590	0.000
WLNG - US	2025-04-19 14:00:00	9.628	11.117	0.371	6.860	10.515	0.000
WLNG - US	2025-04-19 15:00:00	10.120	11.351	0.362	6.955	10.446	0.000
WLNG - US	2025-04-19 16:00:00	10.142	11.463	0.368	6.889	10.416	0.000
WLNG - US	2025-04-19 17:00:00	9.980	11.455	0.370	6.936	10.365	0.000
WLNG - US	2025-04-19 18:00:00	9.497	11.145	0.377	6.901	10.434	0.000
WLNG - US	2025-04-19 19:00:00	9.280	11.326	0.382	6.879	10.467	0.000
WLNG - US	2025-04-19 20:00:00	9.101	11.221	0.386	6.876	10.478	0.000
WLNG - US	2025-04-19 21:00:00	8.910	11.517	0.391	6.854	10.534	0.000
WLNG - US	2025-04-19 22:00:00	8.695	11.514	0.398	6.776	10.580	0.000
WLNG - US	2025-04-19 23:00:00	8.440	11.370	0.396	6.847	10.669	0.000
WLNG - US	2025-04-20 00:00:00	8.293	11.225	0.397	6.861	10.708	0.000
WLNG - US	2025-04-20 01:00:00	8.181	11.354	0.397	6.848	10.739	0.000
WLNG - US	2025-04-20 02:00:00	8.088	11.539	0.403	6.743	10.774	0.000
WLNG - US	2025-04-20 03:00:00	8.089	11.305	0.403	6.747	10.752	0.000
WLNG - US	2025-04-20 04:00:00	8.076	11.440	0.398	6.855	10.777	0.000
WLNG - US	2025-04-20 05:00:00	8.072	11.499	0.400	6.816	10.767	0.000
WLNG - US	2025-04-20 06:00:00	8.120	11.533	0.404	6.735	10.756	0.000
WLNG - US	2025-04-20 07:00:00	8.120	11.424	0.402	6.770	10.778	0.000
WLNG - US	2025-04-20 08:00:00	8.175	11.430	0.393	6.885	10.817	0.000
WLNG - US	2025-04-20 09:00:00	8.346	11.310	0.383	6.943	10.852	0.000
WLNG - US	2025-04-20 10:00:00	8.554	11.375	0.387	6.807	10.794	0.000
WLNG - US	2025-04-20 11:00:00	8.774	11.208	0.378	6.890	10.745	0.000
WLNG - US	2025-04-20 12:00:00	9.357	11.160	0.366	6.999	10.684	0.000
WLNG - US	2025-04-20 13:00:00	9.291	11.227	0.374	6.920	10.547	0.000
WLNG - US	2025-04-20 14:00:00	9.556	11.257	0.376	6.851	10.515	0.000
WLNG - US	2025-04-20 15:00:00	9.928	11.668	0.372	6.881	10.457	0.000

Woodfibre LNG							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG - US	2025-04-20 16:00:00	9.818	11.378	0.373	6.939	10.404	0.000
WLNG - US	2025-04-20 17:00:00	9.647	11.312	0.378	6.923	10.423	0.000
WLNG - US	2025-04-20 18:00:00	9.251	11.207	0.380	6.895	10.515	0.000
WLNG - US	2025-04-20 19:00:00	9.051	11.423	0.386	6.880	10.499	0.000
WLNG - US	2025-04-20 20:00:00	8.859	11.393	0.391	6.854	10.534	0.000
WLNG - US	2025-04-20 21:00:00	8.603	11.434	0.396	6.852	10.603	0.000
WLNG - US	2025-04-20 22:00:00	8.368	11.366	0.405	6.727	10.666	0.000
WLNG - US	2025-04-20 23:00:00	8.184	11.305	0.400	6.845	10.704	0.000
WLNG - US	2025-04-21 00:00:00	7.981	11.460	0.402	6.840	10.761	0.000
WLNG - US	2025-04-21 01:00:00	7.858	11.431	0.402	6.840	10.809	0.000
WLNG - US	2025-04-21 02:00:00	7.722	11.631	0.402	6.847	10.850	0.000
WLNG - US	2025-04-21 03:00:00	7.614	11.396	0.409	6.714	10.899	0.000
WLNG - US	2025-04-21 04:00:00	7.472	11.384	0.400	6.829	10.923	0.000
WLNG - US	2025-04-21 05:00:00	7.407	11.445	0.400	6.835	10.973	0.000
WLNG - US	2025-04-21 06:00:00	7.384	11.368	0.406	6.723	10.963	0.000
WLNG - US	2025-04-21 07:00:00	7.424	11.642	0.405	6.738	10.976	0.000
WLNG - US	2025-04-21 08:00:00	7.507	11.476	0.402	6.749	10.986	0.000
WLNG - US	2025-04-21 09:00:00	7.644	11.372	0.388	6.921	11.023	0.000
WLNG - US	2025-04-21 10:00:00	7.886	11.276	0.388	6.818	10.980	0.000
WLNG - US	2025-04-21 11:00:00	8.415	11.279	0.373	6.884	10.933	0.000
WLNG - US	2025-04-21 12:00:00	8.921	11.374	0.363	6.978	10.815	0.000
WLNG - US	2025-04-21 13:00:00	9.641	11.296	0.362	6.994	10.601	0.000
WLNG - US	2025-04-21 14:00:00	9.815	11.268	0.365	6.943	10.472	0.000
WLNG - US	2025-04-21 15:00:00	9.482	11.373	0.371	6.931	10.576	0.000
WLNG - US	2025-04-21 16:00:00	9.425	11.537	0.377	6.859	10.594	0.000
WLNG - US	2025-04-21 17:00:00	9.308	11.559	0.375	6.931	10.586	0.000
WLNG - US	2025-04-21 18:00:00	9.289	11.355	0.383	6.817	10.558	0.000
WLNG - US	2025-04-21 19:00:00	9.060	11.623	0.389		10.557	0.000
WLNG - US	2025-04-21 20:00:00	8.877	11.606	0.394	6.764	10.565	0.000
WLNG - US	2025-04-21 21:00:00	8.602	11.595	0.394	6.836	10.629	0.000
WLNG - US	2025-04-21 22:00:00	8.350	11.757	0.396	6.835	10.714	0.000
WLNG - US	2025-04-21 23:00:00	8.141	11.757	0.404	6.732	10.758	0.000


Turbidity (NTU)
80
60
40
20
0
15-Apr
16-Apr
17-Apr
18-Apr
19-Apr
20-Apr
21-Apr
22-Apr
Guideline
BC FWAL - Chronic
Monitoring location
WLNG-DS
WLNG-US

Lab Documentation

RESULTS OF RAINBOW TROUT LC50 MULTI-CONCENTRATION

Client : 12239 Fortis BC Energy Inc, Surrey Job Number: C532392

Client Project Name & Number: WOODFIBRE PIPELINE PROJECT FORTIS11234/PE-110163

Test Result:

96 hrs LC50 % vol/vol (95% CL): >100% (N/A) Statistical Method: Visual

Sample Name : WLNG EOP

Description:	Clear and colourless.			Sample Number:	DID847-17
Sample Collected:	Apr 15, 2025 10:15 AM	Sampling Method :	N/A	Site Collection:	N/A
Sample Collected By:	N/A	Volume Received:	4 x ECO10	Avg Temp Arrival:	13 °C Storage: 2-6°C
Sample Received:	Apr 16, 2025 05:04 PM	pH:	7.3	Dissolved Oxygen:	10.8 mg/L
Analysis Start :	Apr 18, 2025 12:35 PM	Temperature :	14 °C	Sample Conductance:	135 µS/cm

Concentration	Temperature (°C)	Temperature (°C)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (mg/L)	pH	pH	Conductivity (uS/cm)	Mortality (#)	Mortality (%)	Atypical Behaviour (#)
% vol/vol	Initial	96 hrs	Initial	96 hrs	Initial	96 hrs	Initial	96 hrs	96 hrs	96 hrs
0	14	15	10.3	9.8	7.3	7.2	47	0	0	0
6.25	14	15	10.3	9.5	7.4	7.2	55	0	0	0
12.5	14	15	10.4	9.4	7.4	7.2	55	0	0	0
25	14	15	10.3	9.7	7.4	7.3	69	0	0	0
50	14	15	10.4	9.8	7.4	7.4	92	0	0	0
100	14	15	10.4	9.7	7.4	7.5	135	0	0	0

Comments : All fish appeared and behaved normally at 24 hours, 48 hours, 72 hours, and 96 hours into testing.

Culture/Control/Dilution Water Burnaby Municipal Dechlorinated Water

Hardness: 23 mg/L $CaCO_3$ Other parameters available on request.

Test Conditions Test concentration : 0,6.25,12.5,25,50,100 (% vol/vol)

Organisms per Vessel :	10	Test Temperature :	15 ± 1 °C	Solution Depth :	>15 cm
Total # of Organisms Used :	60	Pre-aeration Time :	120 min.	Rate of Aeration	6.5±1 mL/ (min*L)
Test Volume :	18 L	Vessel Volume :	20L	Test pH Adjusted:	No
Loading Density :	0.4 g/L	Photoperiod :	16:8 (light: dark)		

Test Organism : Rainbow Trout *(Oncorhynchus mykiss)* Source : Aqua Farm

Culture Temperature :	15 ± 2 °C	Weight (Mean) +- SD :	0.6 ± 0.2 g	Length (Mean) +- SD :	4.33 ± 0.32 cm
Culture Water Renewal :	≥ 1L/min/kg fish	Weight (Range) :	0.4 – 0.9 g	Length (Range) :	3.70 – 4.80 cm
Culture Photoperiod :	16:8 (light: dark)			% Mortality within 7 days :	0%
Feeding rate and frequency :	daily: 1-5% biomass of trout.			Acclimation Time:	>14 days

Reference chemical: Zinc Test Date: Apr 07, 2025

Test Endpoint 96 hrs LC50 (95% confidence interval) : 0.18 (0.11, 0.24)mg/L Statistical Method : Probit

Historical Mean LC50 (warning limits) : 0.15 (0.09, 0.26) mg/L Concentration : 0,0.04,0.08,0.16,0.32,0.64 mg/L

Test Method BV Lab's BBY2SOP-00004 is based on the latest version of EPS 1/RM9 and EPS 1 /RM13.

Method Deviations : None.

Note: The results contained in this report refer only to the testing of the sample submitted. Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation, including the toxicity parameters reported herein. The conductivity, dissolved oxygen and pH data contained within the toxicity report are provided for information purposes and are not individually accredited parameters. This report may not be reproduced, except in its entirety, without the written approval of the laboratory.

Analyst : Larissa dos Santos Soares, Navpreet Shergill

Verified By : Kimberly Tamaki, Scientist, Ecotoxicology Date: Apr 30, 2025 03:54 PM

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 102979

Attention: Jennifer Choyce

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

Report Date: 2025/04/25
Report #: R3652355
Version: 1 - Partial

CERTIFICATE OF ANALYSIS – PARTIAL RESULTS

BUREAU VERITAS JOB #: C532392
Received: 2025/04/16, 17:04

Sample Matrix: Water
Samples Received: 9

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity @25C (pp, total), CO3,HCO3,OH	1	N/A	2025/04/17	BBY6SOP-00026	SM 24 2320 B m
Alkalinity @25C (pp, total), CO3,HCO3,OH	8	N/A	2025/04/18	BBY6SOP-00026	SM 24 2320 B m
Chloride/Sulphate by Auto Colourimetry	9	N/A	2025/04/21	BBY6SOP-00011 / BBY6SOP-00017	SM24-4500-Cl/SO4-E m
Chromium III (Calc'd)	3	N/A	2025/04/23		
Chromium III (Calc'd)	6	N/A	2025/04/24		
Total Hexavalent Chromium	9	N/A	2025/04/23	BBY6SOP-00054	SM 24 3500-Cr B m
Carbon (DOC) -Lab Filtered (2)	6	N/A	2025/04/17	BBY6SOP-00053	SM 24 5310 B m
Carbon (DOC) -Lab Filtered (2)	3	N/A	2025/04/18	BBY6SOP-00053	SM 24 5310 B m
Fluoride	9	N/A	2025/04/18	BBY6SOP-00037	SM 24 4500-F C m
Glycols in Water by GC/FID (1)	1	N/A	2025/04/21	CAL SOP-00093	BCMOE Glycols 09/17
Sulphide (as H2S) (1)	8	N/A	2025/04/22		Auto Calc
Sulphide (as H2S) (1)	1	N/A	2025/04/23		Auto Calc
Un-ionized Hydrogen Sulphide as S Calc	8	N/A	2025/04/25	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (3)	3	N/A	2025/04/23	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (3)	6	N/A	2025/04/24	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3)	9	N/A	2025/04/23	BBY WI-00033	Auto Calc
Mercury (Dissolved) by CV-Lab Filtered	9	2025/04/23	2025/04/23	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Total) by CV	9	2025/04/21	2025/04/22	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Bromide as Bromine (Br) by ICPMS	9	N/A	2025/04/23	BBY7SOP-00002	EPA 6020B R2 m
EPH in Water when PAH required	1	2025/04/21	2025/04/21	BBY8SOP-00029	BCMOE BCLM Sep2017 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	9	N/A	2025/04/23	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (lab filter) (4)	9	N/A	2025/04/22	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Digested LL (total)	6	2025/04/23	2025/04/23	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total)	3	N/A	2025/04/23	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (total)	6	N/A	2025/04/24	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total)	3	N/A	2025/04/22	BBY7SOP-00002	EPA 6020b R2 m
Nitrogen (Total)	9	N/A	2025/04/22	BBY6SOP-00016	SM 24 4500-N C m
Ammonia-N (Total)	8	N/A	2025/04/23	AB SOP-00007	SM 24 4500 NH3 A G m
Nitrate + Nitrite (N)	8	N/A	2025/04/17	BBY6SOP-00010	SM 24 4500-NO3- H m

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 102979

Attention: Jennifer Choyce

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

Report Date: 2025/04/25
Report #: R3652355
Version: 1 - Partial

CERTIFICATE OF ANALYSIS – PARTIAL RESULTS

BUREAU VERITAS JOB #: C532392
Received: 2025/04/16, 17:04

Sample Matrix: Water
Samples Received: 9

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Nitrate + Nitrite (N)	1	N/A	2025/04/19	BBY6SOP-00010	SM 24 4500-NO3- H m
Nitrite (N) Regular Level Water	8	N/A	2025/04/17	BBY6SOP-00010	SM 24 4500-NO2- m
Nitrite (N) Regular Level Water	1	N/A	2025/04/19	BBY6SOP-00010	SM 24 4500-NO2- m
Nitrogen - Nitrate (as N)	8	N/A	2025/04/19	BBY WI-00033	Auto Calc
Nitrogen - Nitrate (as N)	1	N/A	2025/04/22	BBY WI-00033	Auto Calc
PAH in Water by GC/MS (SIM)	1	2025/04/21	2025/04/22	BBY8SOP-00021	BCMOE BCLM Jul2017m
Total LMW, HMW, Total PAH Calc (5)	1	N/A	2025/04/22	BBY WI-00033	Auto Calc
pH @25°C (6)	1	N/A	2025/04/17	BBY6SOP-00026	SM 24 4500-H+ B m
pH @25°C (6)	8	N/A	2025/04/18	BBY6SOP-00026	SM 24 4500-H+ B m
Phenols (4-AAP) (1)	1	N/A	2025/04/23	AB SOP-00088	EPA 9066 R0 m
Total Sulphide (1)	8	2025/04/21	2025/04/22	AB SOP-00080	SM 24 4500 S2-A D Fm
Total Sulphide (1)	1	2025/04/22	2025/04/23	AB SOP-00080	SM 24 4500 S2-A D Fm
Total Dissolved Solids (Filt. Residue)	9	2025/04/22	2025/04/23	BBY6SOP-00033	SM 24 2540 C m
EPH less PAH in Water by GC/FID (7)	1	N/A	2025/04/22	BBY WI-00033	Auto Calc
Carbon (Total Organic) (8)	9	N/A	2025/04/23	BBY6SOP-00053	SM 24 5310 B m
Total Phosphorus Low Level Total	9	2025/04/23	2025/04/24	BBY6SOP-00013	SM 24 4500-P E m
Total Suspended Solids (NFR)	2	2025/04/17	2025/04/21	BBY6SOP-00034	SM 24 2540 D m
Total Suspended Solids (NFR)	7	2025/04/21	2025/04/22	BBY6SOP-00034	SM 24 2540 D m
Field pH	8	N/A	2025/04/25		
Field Temperature	8	N/A	2025/04/25		
VOCs, VH, F1, LH in Water by HS GC/MS	1	N/A	2025/04/21	BBY8SOP-00009 / BBY8SOP-00011 / BBY8SOP-00012	BCMOE BCLM Jul2017 m
Volatile HC-BTEX (9)	1	N/A	2025/04/22	BBY WI-00033	Auto Calc

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

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 102979

Attention: Jennifer Choyce

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Report Date: 2025/04/25
Report #: R3652355
Version: 1 - Partial

CERTIFICATE OF ANALYSIS – PARTIAL RESULTS

BUREAU VERITAS JOB #: C532392
Received: 2025/04/16, 17:04

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.

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) 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.
(5) 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.
(6) 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.
(7) LEPH = EPH (C10 to C19) - (Acenaphthene + Acridine + Anthracene + Fluorene + Naphthalene + Phenanthrene)
HEPH = EPH (C19 to C32) - (Benzo(a)anthracene + Benzo(a)pyrene + Fluoranthene + Pyrene)
(8) TOC present in the sample should be considered as non-purgeable TOC.
(9) VPH = VH - (Benzene + Toluene + Ethylbenzene + m & p-Xylene + o-Xylene + Styrene)

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Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 102979

Attention: Jennifer Choyce

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

Report Date: 2025/04/25
Report #: R3652355
Version: 1 - Partial

CERTIFICATE OF ANALYSIS – PARTIAL RESULTS

BUREAU VERITAS JOB #: C532392
Received: 2025/04/16, 17:04

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

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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.

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DID847			DID848		DID849		
Sampling Date		2025/04/15 10:15			2025/04/15 10:05		2025/04/15 10:27		
COC Number		102979			102979		102979		
	UNITS	WLNG EOP	RDL	QC Batch	EAS US	QC Batch	EAS DS	RDL	QC Batch
ANIONS									
Nitrite (N)	mg/L	ND	0.0050	B758212	ND	B758212	ND	0.0050	B758603
Calculated Parameters									
Total Chromium III	mg/L	ND	0.00099	B758130	ND	B758130	ND	0.00099	B758130
Dissolved Hardness (CaCO3)	mg/L	53.7	0.50	B757031	4.81	B757031	5.73	0.50	B757031
Total Hardness (CaCO3)	mg/L	55.1	0.50	B757394	5.14	B757394	4.66	0.50	B757394
Nitrate (N)	mg/L	ND	0.020	B757500	ND	B757500	ND	0.020	B757500
Sulphide (as H2S)	mg/L	ND	0.0020	B757892	ND	B757892	ND	0.0020	B757892
VPH (VH6 to 10 - BTEX)	ug/L	ND	300	B757196					
Low Molecular Weight PAH`s	ug/L	ND	0.10	B757190					
High Molecular Weight PAH`s	ug/L	ND	0.050	B757190					
Total PAH	ug/L	ND	0.10	B757190					
Field Parameters									
Field pH	pH	7.43	N/A	ONSITE	7.34	ONSITE	7.54	N/A	ONSITE
Field Temperature	°C	11.1	N/A	ONSITE	8.0	ONSITE	8.3	N/A	ONSITE
Misc. Inorganics									
pH	pH	7.31	N/A	B758227	6.38	B758196	6.33	N/A	B758227
Total Organic Carbon (C)	mg/L	ND	0.50	B761648	1.4	B761648	1.3	0.50	B763175
Total Dissolved Solids	mg/L	74	10	B761016	ND	B761016	ND	10	B761016
Total Suspended Solids	mg/L	2.4	1.0	B758204	ND	B760239	1.2	1.0	B760239
Lab Filtered Inorganics									
Dissolved Organic Carbon (C)	mg/L	ND	0.50	B758220	1.6	B758220	1.7	0.50	B758220
Anions									
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	B758228	ND	B758197	ND	1.0	B758228
Alkalinity (Total as CaCO3)	mg/L	48	1.0	B758228	4.3	B758197	5.2	1.0	B758228
Bicarbonate (HCO3)	mg/L	58	1.0	B758228	5.3	B758197	6.3	1.0	B758228
Carbonate (CO3)	mg/L	ND	1.0	B758228	ND	B758197	ND	1.0	B758228
Dissolved Fluoride (F)	mg/L	0.14	0.050	B758231	ND	B758231	ND	0.050	B758231
Hydroxide (OH)	mg/L	ND	1.0	B758228	ND	B758197	ND	1.0	B758228
Total Sulphide	mg/L	ND (1)	0.0018	B761445	ND	B760248	ND	0.0018	B760248

RDL = Reportable Detection Limit
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
N/A = Not Applicable
(1) Sample pH <9, preservation incomplete. Due to volatility of analyte, a low bias in the results is likely.

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Bureau Veritas Job #: C532392
Report Date: 2025/04/25

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		DID847			DID848		DID849		
Sampling Date		2025/04/15 10:15			2025/04/15 10:05		2025/04/15 10:27		
COC Number		102979			102979		102979		
	UNITS	WLNG EOP	RDL	QC Batch	EAS US	QC Batch	EAS DS	RDL	QC Batch
Chloride (Cl)	mg/L	9.8	1.0	B759575	ND	B759581	ND	1.0	B759581
Sulphate (SO4)	mg/L	6.1	1.0	B759575	ND	B759581	ND	1.0	B759581
Metals									
Total Hex. Chromium (Cr 6+)	mg/L	0.0026	0.00099	B761681	0.0023	B761681	0.0025	0.00099	B761681
Nutrients									
Total Ammonia (N)	mg/L				ND	B762402	ND	0.015	B762402
Total Phosphorus (P)	mg/L	0.0033	0.0010	B762522	0.0049	B762522	0.0059	0.0010	B762522
Nitrate plus Nitrite (N)	mg/L	ND	0.020	B758209	ND	B758209	ND	0.020	B758602
Total Nitrogen (N)	mg/L	0.169	0.020	B759521	0.063	B759521	0.056	0.020	B759521
Misc. Organics									
Phenols	mg/L	ND	0.0015	B762551					

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

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Bureau Veritas Job #: C532392
Report Date: 2025/04/25

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		DID850	DID851			DID852			DID853		
Sampling Date		2025/04/15 01:45	2025/04/15 14:12			2025/04/15			2025/04/15 10:55		
COC Number		102979	102979			102979			102979		
	UNITS	SQU US	SQU DS	RDL	QC Batch	TRIP BLANK	RDL	QC Batch	Q01	RDL	QC Batch
ANIONS											
Nitrite (N)	mg/L	ND	ND	0.0050	B758212	ND	0.0050	B758212	ND	0.0050	B758212
Calculated Parameters											
Total Chromium III	mg/L	ND	ND	0.00099	B758130	ND	0.00099	B758130	ND	0.00099	B758130
Dissolved Hardness (CaCO3)	mg/L	17.7	17.9	0.50	B757031	ND	0.50	B757031	4.77	0.50	B757031
Total Hardness (CaCO3)	mg/L	16.4	16.5	0.50	B757394	ND	0.50	B757394	3.70	0.50	B757394
Nitrate (N)	mg/L	0.062	0.059	0.020	B757500	ND	0.020	B757500	ND	0.020	B757500
Sulphide (as H2S)	mg/L	ND	ND	0.0020	B757892	ND	0.0020	B757892	ND	0.0020	B757892
Field Parameters											
Field pH	pH	6.1	6.5	N/A	ONSITE				6.43	N/A	ONSITE
Field Temperature	°C	7.5	7.3	N/A	ONSITE				7.9	N/A	ONSITE
Misc. Inorganics											
pH	pH	6.49	6.53	N/A	B758227	5.85	N/A	B758227	6.18	N/A	B758227
Total Organic Carbon (C)	mg/L	1.4	1.4	0.50	B763175	ND	0.50	B763175	1.7	0.50	B763175
Total Dissolved Solids	mg/L	30	26	10	B761016	ND	10	B761016	ND	10	B761016
Total Suspended Solids	mg/L	1.2	2.4	1.0	B760239	ND	1.0	B758204	ND	1.0	B760239
Lab Filtered Inorganics											
Dissolved Organic Carbon (C)	mg/L	1.7	1.6	0.50	B758220	ND	0.50	B758220	2.0	0.50	B758220
Anions											
Alkalinity (PP as CaCO3)	mg/L	ND	ND	1.0	B758228	ND	1.0	B758228	ND	1.0	B758228
Alkalinity (Total as CaCO3)	mg/L	14	14	1.0	B758228	ND	1.0	B758228	4.4	1.0	B758228
Bicarbonate (HCO3)	mg/L	17	18	1.0	B758228	ND	1.0	B758228	5.4	1.0	B758228
Carbonate (CO3)	mg/L	ND	ND	1.0	B758228	ND	1.0	B758228	ND	1.0	B758228
Dissolved Fluoride (F)	mg/L	ND	ND	0.050	B758231	ND	0.050	B758231	ND	0.050	B758231
Hydroxide (OH)	mg/L	ND	ND	1.0	B758228	ND	1.0	B758228	ND	1.0	B758228
Total Sulphide	mg/L	ND	ND	0.0018	B760248	ND	0.0018	B760248	ND	0.0018	B760248
Chloride (Cl)	mg/L	1.4	1.5	1.0	B759581	ND	1.0	B759581	ND	1.0	B759581
Sulphate (SO4)	mg/L	4.2	4.1	1.0	B759581	ND	1.0	B759581	ND	1.0	B759581
Metals											
Total Hex. Chromium (Cr 6+)	mg/L	0.0018	0.0019	0.00099	B761681	ND	0.00099	B761681	0.0021	0.00099	B761681

RDL = Reportable Detection Limit
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
N/A = Not Applicable

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Bureau Veritas Job #: C532392
Report Date: 2025/04/25

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		DID850	DID851			DID852			DID853		
Sampling Date		2025/04/15 01:45	2025/04/15 14:12			2025/04/15			2025/04/15 10:55		
COC Number		102979	102979			102979			102979		
	UNITS	SQU US	SQU DS	RDL	QC Batch	TRIP BLANK	RDL	QC Batch	Q01	RDL	QC Batch
Nutrients											
Total Ammonia (N)	mg/L	0.042	0.033	0.015	B762402	ND	0.015	B762402	ND	0.015	B762402
Total Phosphorus (P)	mg/L	0.017	0.013	0.0010	B762522	0.0020	0.0010	B762522	0.0024	0.0010	B762522
Nitrate plus Nitrite (N)	mg/L	0.062	0.059	0.020	B758209	ND	0.020	B758209	ND	0.020	B758209
Total Nitrogen (N)	mg/L	0.216	0.187	0.020	B759521	ND	0.020	B759522	0.056	0.020	B759522

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

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RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DID854	DID855		
Sampling Date		2025/04/15 10:38	2025/04/15 10:19		
COC Number		102979	102979		
	UNITS	Q02	Q03	RDL	QC Batch
ANIONS					
Nitrite (N)	mg/L	ND	ND	0.0050	B758212
Calculated Parameters					
Total Chromium III	mg/L	ND	ND	0.00099	B758130
Dissolved Hardness (CaCO3)	mg/L	94.8	38.1	0.50	B757031
Total Hardness (CaCO3)	mg/L	94.2	38.7	0.50	B757394
Nitrate (N)	mg/L	0.220	0.142	0.020	B757500
Sulphide (as H2S)	mg/L	ND	ND	0.0020	B757892
Field Parameters					
Field pH	pH	6.57	6.94	N/A	ONSITE
Field Temperature	°C	7.8	8.0	N/A	ONSITE
Misc. Inorganics					
pH	pH	7.29	6.97	N/A	B758227
Total Organic Carbon (C)	mg/L	2.2	2.5	0.50	B763175
Total Dissolved Solids	mg/L	110	60	10	B761016
Total Suspended Solids	mg/L	4.4	3.2	1.0	B760239
Lab Filtered Inorganics					
Dissolved Organic Carbon (C)	mg/L	2.3	2.5	0.50	B758220
Anions					
Alkalinity (PP as CaCO3)	mg/L	ND	ND	1.0	B758228
Alkalinity (Total as CaCO3)	mg/L	95	42	1.0	B758228
Bicarbonate (HCO3)	mg/L	120	51	1.0	B758228
Carbonate (CO3)	mg/L	ND	ND	1.0	B758228
Dissolved Fluoride (F)	mg/L	ND	ND	0.050	B758231
Hydroxide (OH)	mg/L	ND	ND	1.0	B758228
Total Sulphide	mg/L	ND	ND	0.0018	B760248
Chloride (Cl)	mg/L	5.2	6.4	1.0	B759581
Sulphate (SO4)	mg/L	15	6.3	1.0	B759581
Metals					
Total Hex. Chromium (Cr 6+)	mg/L	0.0011	0.0035	0.00099	B761681

RDL = Reportable Detection Limit
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
N/A = Not Applicable

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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		DID854	DID855		
Sampling Date		2025/04/15 10:38	2025/04/15 10:19		
COC Number		102979	102979		
	UNITS	Q02	Q03	RDL	QC Batch
Nutrients					
Total Ammonia (N)	mg/L	0.044	0.14	0.015	B762402
Total Phosphorus (P)	mg/L	0.0035	0.0041	0.0010	B762522
Nitrate plus Nitrite (N)	mg/L	0.220	0.142	0.020	B758209
Total Nitrogen (N)	mg/L	0.372	0.399	0.020	B759522
RDL = Reportable Detection Limit					

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GLYCOLS BY GC-FID (WATER)

Bureau Veritas ID		DID847		
Sampling Date		2025/04/15 10:15		
COC Number		102979		
	UNITS	WLNG EOP	RDL	QC Batch
Glycols				
Ethylene Glycol	mg/L	ND	3.0	B759169
Diethylene Glycol	mg/L	ND	5.0	B759169
Triethylene Glycol	mg/L	ND	5.0	B759169
Propylene Glycol	mg/L	ND	5.0	B759169
Surrogate Recovery (%)				
Methyl Sulfone (sur.)	%	93		B759169

RDL = Reportable Detection Limit

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

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SEMIVOLATILE ORGANICS BY GC-MS (WATER)

Bureau Veritas ID		DID847		
Sampling Date		2025/04/15 10:15		
COC Number		102979		
	UNITS	WLNG EOP	RDL	QC Batch
Polycyclic Aromatics				
Quinoline	ug/L	ND	0.020	B759326
Naphthalene	ug/L	ND	0.10	B759326
1-Methylnaphthalene	ug/L	ND	0.050	B759326
2-Methylnaphthalene	ug/L	ND	0.10	B759326
Acenaphthylene	ug/L	ND	0.050	B759326
Acenaphthene	ug/L	ND	0.050	B759326
Fluorene	ug/L	ND	0.050	B759326
Phenanthrene	ug/L	ND	0.050	B759326
Anthracene	ug/L	ND	0.010	B759326
Acridine	ug/L	ND	0.050	B759326
Fluoranthene	ug/L	ND	0.020	B759326
Pyrene	ug/L	ND	0.020	B759326
Benzo(a)anthracene	ug/L	ND	0.010	B759326
Chrysene	ug/L	ND	0.020	B759326
Benzo(b&j)fluoranthene	ug/L	ND	0.030	B759326
Benzo(k)fluoranthene	ug/L	ND	0.050	B759326
Benzo(a)pyrene	ug/L	ND	0.0050	B759326
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.050	B759326
Dibenz(a,h)anthracene	ug/L	ND	0.0030	B759326
Benzo(g,h,i)perylene	ug/L	ND	0.050	B759326
Surrogate Recovery (%)				
D10-ANTHRACENE (sur.)	%	106		B759326
D8-ACENAPHTHYLENE (sur.)	%	87		B759326
D8-NAPHTHALENE (sur.)	%	82		B759326
TERPHENYL-D14 (sur.)	%	104		B759326

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		DID847	DID848	DID849	DID850	DID851	DID852	DID853		
Sampling Date		2025/04/15 10:15	2025/04/15 10:05	2025/04/15 10:27	2025/04/15 01:45	2025/04/15 14:12	2025/04/15	2025/04/15 10:55		
COC Number		102979	102979	102979	102979	102979	102979	102979		
	UNITS	WLNG EOP	EAS US	EAS DS	SQU US	SQU DS	TRIP BLANK	Q01	RDL	QC Batch
Elements										
Total Mercury (Hg)	ug/L	ND	ND	ND	ND	ND	ND	ND	0.0019	B760190
Lab Filtered Elements										
Dissolved Mercury (Hg)	ug/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.0019	B762176

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		DID854	DID855		
Sampling Date		2025/04/15 10:38	2025/04/15 10:19		
COC Number		102979	102979		
	UNITS	Q02	Q03	RDL	QC Batch
Elements					
Total Mercury (Hg)	ug/L	ND	0.0021	0.0019	B760190
Lab Filtered Elements					
Dissolved Mercury (Hg)	ug/L	ND (1)	ND (1)	0.0019	B762176

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.

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ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DID847	DID848			DID849	DID850	DID851		
Sampling Date		2025/04/15 10:15	2025/04/15 10:05			2025/04/15 10:27	2025/04/15 01:45	2025/04/15 14:12		
COC Number		102979	102979			102979	102979	102979		
	UNITS	WLNG EOP	EAS US	RDL	QC Batch	EAS DS	SQU US	SQU DS	RDL	QC Batch
ANIONS										
Bromide (Br)	mg/L	ND	ND	0.010	B762593	ND	ND	ND	0.010	B762593
Dissolved Metals by ICPMS										
Dissolved Calcium (Ca)	mg/L	20.1	1.66	0.050	B757033	2.01	6.05	6.16	0.050	B757033
Dissolved Magnesium (Mg)	mg/L	0.864	0.162	0.050	B757033	0.174	0.624	0.614	0.050	B757033
Dissolved Potassium (K)	mg/L	1.00	0.136	0.050	B757033	0.142	0.529	0.541	0.050	B757033
Dissolved Sodium (Na)	mg/L	4.76	1.01	0.050	B757033	1.06	2.14	2.15	0.050	B757033
Dissolved Sulphur (S)	mg/L	ND	ND	3.0	B757033	ND	ND	ND	3.0	B757033
Lab Filtered Metals										
Dissolved Aluminum (Al)	ug/L	42.5	46.1	0.50	B760882	47.9	29.8	30.1	0.50	B760882
Dissolved Antimony (Sb)	ug/L	0.155	0.025	0.020	B760882	0.020	0.023	ND	0.020	B760882
Dissolved Arsenic (As)	ug/L	0.622	0.088	0.020	B760882	0.090	0.111	0.109	0.020	B760882
Dissolved Barium (Ba)	ug/L	4.52	2.16	0.020	B760882	2.25	7.24	7.47	0.020	B760882
Dissolved Beryllium (Be)	ug/L	ND	ND	0.010	B760882	ND	ND	ND	0.010	B760882
Dissolved Bismuth (Bi)	ug/L	ND	ND	0.0050	B760882	ND	ND	ND	0.0050	B760882
Dissolved Boron (B)	ug/L	12	ND	10	B760882	ND	ND	ND	10	B760882
Dissolved Cadmium (Cd)	ug/L	ND	0.0051	0.0050	B760882	ND	0.0069	ND	0.0050	B760882
Dissolved Cesium (Cs)	ug/L	ND	ND	0.050	B760882	ND	ND	ND	0.050	B760882
Dissolved Chromium (Cr)	ug/L	ND	ND	0.10	B760882	ND	ND	ND	0.10	B760882
Dissolved Cobalt (Co)	ug/L	0.0360	0.0148	0.0050	B760882	0.0128	0.0213	0.0213	0.0050	B760882
Dissolved Copper (Cu)	ug/L	0.796	0.453	0.050	B760882	0.413	0.562	0.565	0.050	B760882
Dissolved Iron (Fe)	ug/L	ND	10.3	1.0	B760882	8.9	86.1	93.7	1.0	B760882
Dissolved Lead (Pb)	ug/L	0.0392	0.0064	0.0050	B760882	0.0054	0.0061	ND	0.0050	B760882
Dissolved Lithium (Li)	ug/L	2.10	ND	0.50	B760882	ND	0.72	0.97	0.50	B760882
Dissolved Manganese (Mn)	ug/L	5.87	0.605	0.050	B760882	0.392	3.35	3.09	0.050	B760882
Dissolved Molybdenum (Mo)	ug/L	17.3	0.286	0.050	B760882	0.591	0.529	0.507	0.050	B760882
Dissolved Nickel (Ni)	ug/L	0.105	0.145	0.020	B760882	0.168	0.090	0.099	0.020	B760882
Dissolved Phosphorus (P)	ug/L	2.2	2.5	2.0	B760882	3.5	7.6	5.3	2.0	B760882
Dissolved Rubidium (Rb)	ug/L	1.71	0.219	0.050	B760882	0.243	0.794	0.856	0.050	B760882
Dissolved Selenium (Se)	ug/L	0.052	ND	0.040	B760882	ND	ND	ND	0.040	B760882
Dissolved Silicon (Si)	ug/L	5220	3300	50	B760882	3410	4070	4000	50	B760882
Dissolved Silver (Ag)	ug/L	ND	ND	0.0050	B760882	ND	ND	ND	0.0050	B760882

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Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DID847	DID848			DID849	DID850	DID851		
Sampling Date		2025/04/15 10:15	2025/04/15 10:05			2025/04/15 10:27	2025/04/15 01:45	2025/04/15 14:12		
COC Number		102979	102979			102979	102979	102979		
	UNITS	WLNG EOP	EAS US	RDL	QC Batch	EAS DS	SQU US	SQU DS	RDL	QC Batch
Dissolved Strontium (Sr)	ug/L	37.7	8.51	0.050	B760882	8.60	35.2	35.1	0.050	B760882
Dissolved Tellurium (Te)	ug/L	ND	ND	0.020	B760882	ND	ND	ND	0.020	B760882
Dissolved Thallium (Tl)	ug/L	0.0051	ND	0.0020	B760882	ND	ND	ND	0.0020	B760882
Dissolved Thorium (Th)	ug/L	ND	0.0063	0.0050	B760882	ND	ND	0.0055	0.0050	B760882
Dissolved Tin (Sn)	ug/L	ND	ND	0.20	B760882	ND	ND	ND	0.20	B760882
Dissolved Titanium (Ti)	ug/L	ND	ND	0.50	B760882	ND	ND	ND	0.50	B760882
Dissolved Uranium (U)	ug/L	0.303	0.0840	0.0020	B760882	0.0920	0.0266	0.0265	0.0020	B760882
Dissolved Vanadium (V)	ug/L	ND	ND	0.20	B760882	ND	0.87	0.76	0.20	B760882
Dissolved Zinc (Zn)	ug/L	5.76	0.90	0.10	B760882	1.07	0.79	0.69	0.10	B760882
Dissolved Zirconium (Zr)	ug/L	ND	ND	0.10	B760882	ND	ND	ND	0.10	B760882
Total Metals by ICPMS										
Total Aluminum (Al)	ug/L	132	71.1	0.50	B760851	84.5	67.2	65.2	3.0	B762260
Total Antimony (Sb)	ug/L	0.148	ND	0.020	B760851	0.021	ND	ND	0.020	B762260
Total Arsenic (As)	ug/L	0.687	0.087	0.020	B760851	0.099	0.126	0.126	0.020	B762260
Total Barium (Ba)	ug/L	4.99	2.43	0.020	B760851	2.37	7.75	7.95	0.050	B762260
Total Beryllium (Be)	ug/L	ND	ND	0.010	B760851	ND	ND	ND	0.010	B762260
Total Bismuth (Bi)	ug/L	ND	ND	0.0050	B760851	ND	ND	ND	0.010	B762260
Total Boron (B)	ug/L	13	ND	10	B760851	ND	ND	ND	10	B762260
Total Cadmium (Cd)	ug/L	0.0120	ND	0.0050	B760851	0.0064	0.0083	0.0089	0.0050	B762260
Total Cesium (Cs)	ug/L	ND	ND	0.050	B760851	ND	ND	ND	0.050	B762260
Total Chromium (Cr)	ug/L	ND	ND	0.10	B760851	1.16	ND	ND	0.10	B762260
Total Cobalt (Co)	ug/L	0.0420	0.0190	0.0050	B760851	0.031	0.061	0.062	0.010	B762260
Total Copper (Cu)	ug/L	1.63	0.520	0.050	B760851	0.48	0.67	0.68	0.10	B762260
Total Iron (Fe)	ug/L	24.5	23.9	1.0	B760851	36.9	157	154	5.0	B762260
Total Lead (Pb)	ug/L	0.181	0.0130	0.0050	B760851	0.028	0.021	ND	0.020	B762260
Total Lithium (Li)	ug/L	2.32	ND	0.50	B760851	ND	0.92	1.04	0.50	B762260
Total Manganese (Mn)	ug/L	6.96	1.22	0.050	B760851	1.45	6.71	6.94	0.10	B762260
Total Molybdenum (Mo)	ug/L	17.3	0.326	0.050	B760851	0.570	0.503	0.525	0.050	B762260
Total Nickel (Ni)	ug/L	0.121	0.157	0.020	B760851	0.23	0.11	0.12	0.10	B762260
Total Phosphorus (P)	ug/L	ND	2.3	2.0	B760851	6.7	19.0	13.3	5.0	B762260
Total Rubidium (Rb)	ug/L	1.98	0.223	0.050	B760851	0.293	0.812	0.842	0.050	B762260
Total Selenium (Se)	ug/L	0.054	ND	0.040	B760851	ND	ND	ND	0.040	B762260

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Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DID847	DID848			DID849	DID850	DID851		
Sampling Date		2025/04/15 10:15	2025/04/15 10:05			2025/04/15 10:27	2025/04/15 01:45	2025/04/15 14:12		
COC Number		102979	102979			102979	102979	102979		
	UNITS	WLNG EOP	EAS US	RDL	QC Batch	EAS DS	SQU US	SQU DS	RDL	QC Batch
Total Silicon (Si)	ug/L	5500	3360	50	B760851	3290	3900	3840	50	B762260
Total Silver (Ag)	ug/L	ND	ND	0.0050	B760851	ND	ND	ND	0.010	B762260
Total Strontium (Sr)	ug/L	39.6	9.30	0.050	B760851	8.70	35.3	36.5	0.050	B762260
Total Tellurium (Te)	ug/L	ND	ND	0.020	B760851	ND	ND	ND	0.020	B762260
Total Thallium (Tl)	ug/L	0.0060	ND	0.0020	B760851	ND	0.0028	0.0034	0.0020	B762260
Total Thorium (Th)	ug/L	ND	ND	0.050	B760851	ND	ND	ND	0.050	B762260
Total Tin (Sn)	ug/L	ND	ND	0.20	B760851	ND	ND	ND	0.20	B762260
Total Titanium (Ti)	ug/L	0.85	0.52	0.50	B760851	ND	ND	ND	2.0	B762260
Total Uranium (U)	ug/L	0.381	0.108	0.0020	B760851	0.110	0.0311	0.0348	0.0050	B762260
Total Vanadium (V)	ug/L	ND	ND	0.20	B760851	ND	1.00	0.87	0.20	B762260
Total Zinc (Zn)	ug/L	7.19	1.04	0.10	B760851	1.4	1.8	3.3	1.0	B762260
Total Zirconium (Zr)	ug/L	ND	ND	0.10	B760851	ND	ND	ND	0.10	B762260
Total Calcium (Ca)	mg/L	20.5	1.75	0.050	B757963	1.87	5.51	5.56	0.25	B757963
Total Magnesium (Mg)	mg/L	0.953	0.188	0.050	B757963	ND	0.64	0.65	0.25	B757963
Total Potassium (K)	mg/L	1.14	0.157	0.050	B757963	ND	0.52	0.54	0.25	B757963
Total Sodium (Na)	mg/L	5.55	1.19	0.050	B757963	1.09	2.09	2.18	0.25	B757963
Total Sulphur (S)	mg/L	3.4	ND	3.0	B757963	ND	ND	ND	3.0	B757963

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Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DID852			DID853		DID854	DID855		
Sampling Date		2025/04/15			2025/04/15 10:55		2025/04/15 10:38	2025/04/15 10:19		
COC Number		102979			102979		102979	102979		
	UNITS	TRIP BLANK	RDL	QC Batch	Q01	QC Batch	Q02	Q03	RDL	QC Batch
ANIONS										
Bromide (Br)	mg/L	ND	0.010	B762593	ND	B762593	0.067	0.077	0.010	B762597
Dissolved Metals by ICPMS										
Dissolved Calcium (Ca)	mg/L	ND	0.050	B757033	1.63	B757033	35.0	13.6	0.050	B757033
Dissolved Magnesium (Mg)	mg/L	ND	0.050	B757033	0.171	B757033	1.82	1.00	0.050	B757033
Dissolved Potassium (K)	mg/L	ND	0.050	B757033	0.096	B757033	2.60	1.90	0.050	B757033
Dissolved Sodium (Na)	mg/L	ND	0.050	B757033	0.807	B757033	8.44	7.09	0.050	B757033
Dissolved Sulphur (S)	mg/L	ND	3.0	B757033	ND	B757033	4.9	ND	3.0	B757033
Lab Filtered Metals										
Dissolved Aluminum (Al)	ug/L	ND	0.50	B760882	57.8	B760882	9.81	40.1	0.50	B760882
Dissolved Antimony (Sb)	ug/L	ND	0.020	B760882	0.038	B760882	0.140	0.182	0.020	B760882
Dissolved Arsenic (As)	ug/L	ND	0.020	B760882	0.044	B760882	0.073	0.152	0.020	B760882
Dissolved Barium (Ba)	ug/L	ND	0.020	B760882	3.90	B760882	27.6	17.5	0.020	B760882
Dissolved Beryllium (Be)	ug/L	ND	0.010	B760882	ND	B760882	ND	ND	0.010	B760882
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	B760882	ND	B760882	ND	ND	0.0050	B760882
Dissolved Boron (B)	ug/L	ND	10	B760882	ND	B760882	14	12	10	B760882
Dissolved Cadmium (Cd)	ug/L	ND	0.0050	B760882	ND	B760882	0.0064	ND	0.0050	B760882
Dissolved Cesium (Cs)	ug/L	ND	0.050	B760882	ND	B760882	ND	ND	0.050	B760882
Dissolved Chromium (Cr)	ug/L	ND	0.10	B760882	ND	B760882	ND	ND	0.10	B760882
Dissolved Cobalt (Co)	ug/L	ND	0.0050	B760882	0.0180	B760882	0.194	1.32	0.0050	B760882
Dissolved Copper (Cu)	ug/L	ND	0.050	B760882	0.579	B760882	0.394	0.268	0.050	B760882
Dissolved Iron (Fe)	ug/L	ND	1.0	B760882	6.5	B760882	74.3	3180	1.0	B760882
Dissolved Lead (Pb)	ug/L	ND	0.0050	B760882	0.0265	B760882	ND	0.0211	0.0050	B760882
Dissolved Lithium (Li)	ug/L	ND	0.50	B760882	ND	B760882	1.84	1.33	0.50	B760882
Dissolved Manganese (Mn)	ug/L	ND	0.050	B760882	0.412	B760882	159	236	0.050	B760882
Dissolved Molybdenum (Mo)	ug/L	ND	0.050	B760882	0.262	B760882	4.84	2.43	0.050	B760882
Dissolved Nickel (Ni)	ug/L	ND	0.020	B760882	0.104	B760882	0.295	0.483	0.020	B760882
Dissolved Phosphorus (P)	ug/L	ND	2.0	B760882	ND	B760882	ND	2.4	2.0	B760882
Dissolved Rubidium (Rb)	ug/L	ND	0.050	B760882	0.203	B760882	3.38	3.20	0.050	B760882
Dissolved Selenium (Se)	ug/L	ND	0.040	B760882	ND	B760882	ND	ND	0.040	B760882
Dissolved Silicon (Si)	ug/L	ND	50	B760882	2120	B760882	4280	4780	50	B760882
Dissolved Silver (Ag)	ug/L	ND	0.0050	B760882	ND	B760882	ND	ND	0.0050	B760882

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Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DID852			DID853		DID854	DID855		
Sampling Date		2025/04/15			2025/04/15 10:55		2025/04/15 10:38	2025/04/15 10:19		
COC Number		102979			102979		102979	102979		
	UNITS	TRIP BLANK	RDL	QC Batch	Q01	QC Batch	Q02	Q03	RDL	QC Batch
Dissolved Strontium (Sr)	ug/L	ND	0.050	B760882	6.86	B760882	140	50.1	0.050	B760882
Dissolved Tellurium (Te)	ug/L	ND	0.020	B760882	ND	B760882	ND	ND	0.020	B760882
Dissolved Thallium (Tl)	ug/L	ND	0.0020	B760882	ND	B760882	0.0048	0.0060	0.0020	B760882
Dissolved Thorium (Th)	ug/L	ND	0.0050	B760882	0.0092	B760882	ND	0.0125	0.0050	B760882
Dissolved Tin (Sn)	ug/L	ND	0.20	B760882	ND	B760882	ND	ND	0.20	B760882
Dissolved Titanium (Ti)	ug/L	ND	0.50	B760882	ND	B760882	ND	ND	0.50	B760882
Dissolved Uranium (U)	ug/L	ND	0.0020	B760882	0.123	B760882	2.01	0.468	0.0020	B760882
Dissolved Vanadium (V)	ug/L	ND	0.20	B760882	ND	B760882	ND	0.30	0.20	B760882
Dissolved Zinc (Zn)	ug/L	ND	0.10	B760882	0.99	B760882	3.82	0.85	0.10	B760882
Dissolved Zirconium (Zr)	ug/L	ND	0.10	B760882	ND	B760882	ND	ND	0.10	B760882
Total Metals by ICPMS										
Total Aluminum (Al)	ug/L	ND	0.50	B760851	85.0	B762260	252	134	3.0	B762260
Total Antimony (Sb)	ug/L	ND	0.020	B760851	0.046	B762260	0.148	0.194	0.020	B762260
Total Arsenic (As)	ug/L	ND	0.020	B760851	0.036	B762260	0.132	0.183	0.020	B762260
Total Barium (Ba)	ug/L	ND	0.020	B760851	3.89	B762260	30.2	20.0	0.050	B762260
Total Beryllium (Be)	ug/L	ND	0.010	B760851	ND	B762260	ND	ND	0.010	B762260
Total Bismuth (Bi)	ug/L	ND	0.0050	B760851	ND	B762260	ND	ND	0.010	B762260
Total Boron (B)	ug/L	ND	10	B760851	ND	B762260	16	14	10	B762260
Total Cadmium (Cd)	ug/L	ND	0.0050	B760851	0.0069	B762260	0.0169	0.0119	0.0050	B762260
Total Cesium (Cs)	ug/L	ND	0.050	B760851	ND	B762260	0.052	0.050	0.050	B762260
Total Chromium (Cr)	ug/L	ND	0.10	B760851	ND	B762260	0.11	0.10	0.10	B762260
Total Cobalt (Co)	ug/L	ND	0.0050	B760851	0.029	B762260	0.579	1.48	0.010	B762260
Total Copper (Cu)	ug/L	ND	0.050	B760851	0.57	B762260	0.60	0.33	0.10	B762260
Total Iron (Fe)	ug/L	ND	1.0	B760851	21.7	B762260	614	4760	5.0	B762260
Total Lead (Pb)	ug/L	ND	0.0050	B760851	0.065	B762260	0.170	0.073	0.020	B762260
Total Lithium (Li)	ug/L	ND	0.50	B760851	ND	B762260	2.25	1.61	0.50	B762260
Total Manganese (Mn)	ug/L	ND	0.050	B760851	1.63	B762260	300	258	0.10	B762260
Total Molybdenum (Mo)	ug/L	ND	0.050	B760851	0.217	B762260	4.84	2.67	0.050	B762260
Total Nickel (Ni)	ug/L	ND	0.020	B760851	0.10	B762260	0.35	0.59	0.10	B762260
Total Phosphorus (P)	ug/L	ND	2.0	B760851	ND	B762260	8.9	7.2	5.0	B762260
Total Rubidium (Rb)	ug/L	ND	0.050	B760851	0.218	B762260	3.41	3.41	0.050	B762260
Total Selenium (Se)	ug/L	ND	0.040	B760851	ND	B762260	ND	ND	0.040	B762260

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Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DID852			DID853		DID854	DID855		
Sampling Date		2025/04/15			2025/04/15 10:55		2025/04/15 10:38	2025/04/15 10:19		
COC Number		102979			102979		102979	102979		
	UNITS	TRIP BLANK	RDL	QC Batch	Q01	QC Batch	Q02	Q03	RDL	QC Batch
Total Silicon (Si)	ug/L	ND	50	B760851	2090	B762260	4510	5180	50	B762260
Total Silver (Ag)	ug/L	ND	0.0050	B760851	ND	B762260	ND	ND	0.010	B762260
Total Strontium (Sr)	ug/L	ND	0.050	B760851	6.72	B762260	142	53.8	0.050	B762260
Total Tellurium (Te)	ug/L	ND	0.020	B760851	ND	B762260	ND	ND	0.020	B762260
Total Thallium (Tl)	ug/L	ND	0.0020	B760851	ND	B762260	0.0054	0.0067	0.0020	B762260
Total Thorium (Th)	ug/L	ND	0.050	B760851	ND	B762260	ND	ND	0.050	B762260
Total Tin (Sn)	ug/L	ND	0.20	B760851	ND	B762260	ND	ND	0.20	B762260
Total Titanium (Ti)	ug/L	ND	0.50	B760851	ND	B762260	5.8	3.1	2.0	B762260
Total Uranium (U)	ug/L	ND	0.0020	B760851	0.125	B762260	2.10	0.634	0.0050	B762260
Total Vanadium (V)	ug/L	ND	0.20	B760851	ND	B762260	0.34	0.49	0.20	B762260
Total Zinc (Zn)	ug/L	ND	0.10	B760851	1.3	B762260	5.8	2.0	1.0	B762260
Total Zirconium (Zr)	ug/L	ND	0.10	B760851	ND	B762260	ND	ND	0.10	B762260
Total Calcium (Ca)	mg/L	ND	0.050	B757963	1.48	B757963	34.5	13.7	0.25	B757963
Total Magnesium (Mg)	mg/L	ND	0.050	B757963	ND	B757963	1.95	1.11	0.25	B757963
Total Potassium (K)	mg/L	ND	0.050	B757963	ND	B757963	2.68	1.99	0.25	B757963
Total Sodium (Na)	mg/L	ND	0.050	B757963	0.79	B757963	8.58	7.69	0.25	B757963
Total Sulphur (S)	mg/L	ND	3.0	B757963	ND	B757963	5.1	ND	3.0	B757963

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Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

TOTAL PETROLEUM HYDROCARBONS (WATER)

Bureau Veritas ID		DID847		
Sampling Date		2025/04/15 10:15		
COC Number		102979		
	UNITS	WLNG EOP	RDL	QC Batch
Calculated Parameters				
LEPH (C10-C19 less PAH)	mg/L	ND	0.20	B757191
HEPH (C19-C32 less PAH)	mg/L	ND	0.20	B757191
Ext. Pet. Hydrocarbon				
EPH (C10-C19)	mg/L	ND	0.20	B759333
EPH (C19-C32)	mg/L	ND	0.20	B759333
Surrogate Recovery (%)				
O-TERPHENYL (sur.)	%	98		B759333

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Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

VOLATILE ORGANICS BY GC-MS (WATER)

Bureau Veritas ID		DID847		
Sampling Date		2025/04/15 10:15		
COC Number		102979		
	UNITS	WLNG EOP	RDL	QC Batch
Volatiles				
VH C6-C10	ug/L	ND	300	B759658
1,1,1,2-tetrachloroethane	ug/L	ND	0.50	B759658
1,1,1-trichloroethane	ug/L	ND	0.50	B759658
1,1,2,2-tetrachloroethane	ug/L	ND	0.50	B759658
1,1,2Trichloro-1,2,2Trifluoroethane	ug/L	ND	2.0	B759658
1,1,2-trichloroethane	ug/L	ND	0.50	B759658
1,1-dichloroethane	ug/L	ND	0.50	B759658
1,1-dichloroethene	ug/L	ND	0.50	B759658
1,2,3-trichlorobenzene	ug/L	ND	2.0	B759658
1,2,4-trichlorobenzene	ug/L	ND	2.0	B759658
1,2-dibromoethane	ug/L	ND	0.20	B759658
1,2-dichlorobenzene	ug/L	ND	0.50	B759658
1,2-dichloroethane	ug/L	ND	0.50	B759658
1,2-dichloropropane	ug/L	ND	0.50	B759658
1,3,5-trimethylbenzene	ug/L	ND	2.0	B759658
1,3-Butadiene	ug/L	ND	0.50	B759658
1,3-dichlorobenzene	ug/L	ND	0.50	B759658
1,3-dichloropropane	ug/L	ND	1.0	B759658
1,4-dichlorobenzene	ug/L	ND	0.50	B759658
Benzene	ug/L	ND	0.40	B759658
Bromobenzene	ug/L	ND	2.0	B759658
Bromodichloromethane	ug/L	ND	1.0	B759658
Bromoform	ug/L	ND	1.0	B759658
Bromomethane	ug/L	ND	1.0	B759658
Carbon tetrachloride	ug/L	ND	0.50	B759658
Chlorobenzene	ug/L	ND	0.50	B759658
Dibromochloromethane	ug/L	ND	1.0	B759658
Chloroethane	ug/L	ND	1.0	B759658
Chloroform	ug/L	ND	1.0	B759658
Chloromethane	ug/L	ND	1.0	B759658

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

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VOLATILE ORGANICS BY GC-MS (WATER)

Bureau Veritas ID		DID847		
Sampling Date		2025/04/15 10:15		
COC Number		102979		
	UNITS	**WLNG EOP**	**RDL**	**QC Batch**
cis-1,2-dichloroethene	ug/L	ND	1.0	B759658
cis-1,3-dichloropropene	ug/L	ND	1.0	B759658
Dichlorodifluoromethane	ug/L	ND	2.0	B759658
Dichloromethane	ug/L	ND	2.0	B759658
Ethylbenzene	ug/L	ND	0.40	B759658
Hexachlorobutadiene	ug/L	ND	0.50	B759658
Isopropylbenzene	ug/L	ND	2.0	B759658
Methyl-tert-butylether (MTBE)	ug/L	ND	4.0	B759658
Styrene	ug/L	1.2	0.50	B759658
Tetrachloroethene	ug/L	0.58	0.50	B759658
Toluene	ug/L	ND	0.40	B759658
trans-1,2-dichloroethene	ug/L	ND	1.0	B759658
trans-1,3-dichloropropene	ug/L	ND	1.0	B759658
Trichloroethene	ug/L	ND	0.50	B759658
Trichlorofluoromethane	ug/L	ND	4.0	B759658
Vinyl chloride	ug/L	ND	0.50	B759658
m & p-Xylene	ug/L	ND	0.40	B759658
o-Xylene	ug/L	ND	0.40	B759658
Xylenes (Total)	ug/L	ND	0.40	B759658
Surrogate Recovery (%)				
1,4-Difluorobenzene (sur.)	%	104		B759658
4-Bromofluorobenzene (sur.)	%	83		B759658
D4-1,2-Dichloroethane (sur.)	%	97		B759658

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

MISCELLANEOUS (WATER)

Bureau Veritas ID		DID847	DID848	DID849	DID850	DID851	DID853		
Sampling Date		2025/04/15 10:15	2025/04/15 10:05	2025/04/15 10:27	2025/04/15 01:45	2025/04/15 14:12	2025/04/15 10:55		
COC Number		102979	102979	102979	102979	102979	102979		
	UNITS	**WLNG EOP**	**EAS US**	**EAS DS**	**SQU US**	**SQU DS**	**Q01**	**RDL**	**QC Batch**
Calculated Parameters									
Total Un-ionized Hydrogen Sulfide as S	mg/L	ND	ND	ND	ND	ND	ND	0.0050	B757880
Total Un-ionized Hydrogen Sulfide as H2S	mg/L	ND	ND	ND	ND	ND	ND	0.0050	B757880

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

Bureau Veritas ID		DID854	DID855		
Sampling Date		2025/04/15 10:38	2025/04/15 10:19		
COC Number		102979	102979		
	UNITS	**Q02**	**Q03**	**RDL**	**QC Batch**
Calculated Parameters					
Total Un-ionized Hydrogen Sulfide as S	mg/L	ND	ND	0.0050	B757880
Total Un-ionized Hydrogen Sulfide as H2S	mg/L	ND	ND	0.0050	B757880

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

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GENERAL COMMENTS

Sample DID847 [WLNG EOP] : Headspace was noted in sample container at the time of volatiles extraction. Total Chromium < Total Hexavalent Chromium. High Hexavalent result is likely due to matrix interference.

Sample DID848 [EAS US] : Total Chromium < Total Hexavalent Chromium. High Hexavalent result is likely due to matrix interference.

Sample DID849 [EAS DS] : Sample was analyzed past method specified hold time for Nitrate + Nitrite (N). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Nitrite (N) Regular Level Water. Total Chromium < Total Hexavalent Chromium. High Hexavalent result is likely due to matrix interference.

Sample DID850 [SQU US] : Total Chromium < Total Hexavalent Chromium. High Hexavalent result is likely due to matrix interference.

Sample DID851 [SQU DS] : Total Chromium < Total Hexavalent Chromium. High Hexavalent result is likely due to matrix interference.

Sample DID853 [Q01] : Total Chromium < Total Hexavalent Chromium. High Hexavalent result is likely due to matrix interference.

Sample DID854 [Q02] : Total Chromium < Total Hexavalent Chromium. High Hexavalent result is likely due to matrix interference.

Sample DID855 [Q03] : Total Chromium < Total Hexavalent Chromium. High Hexavalent result is likely due to matrix interference.

Results relate only to the items tested.

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QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B758196	BB3	Spiked Blank	pH	2025/04/17		100	%	97 - 103
B758196	BB3	RPD	pH	2025/04/18	0.72		%	N/A
B758197	BB3	Spiked Blank	Alkalinity (Total as CaCO3)	2025/04/17		96	%	80 - 120
B758197	BB3	Method Blank	Alkalinity (PP as CaCO3)	2025/04/17	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/04/17	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/04/17	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/04/17	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/04/17	ND, RDL=1.0		mg/L	
B758197	BB3	RPD	Alkalinity (PP as CaCO3)	2025/04/18	NC		%	20
			Alkalinity (Total as CaCO3)	2025/04/18	0.086		%	20
			Bicarbonate (HCO3)	2025/04/18	0.086		%	20
			Carbonate (CO3)	2025/04/18	NC		%	20
			Hydroxide (OH)	2025/04/18	NC		%	20
B758204	TSO	Matrix Spike [DID852-01]	Total Suspended Solids	2025/04/21		105	%	80 - 120
B758204	TSO	Spiked Blank	Total Suspended Solids	2025/04/21		102	%	80 - 120
B758204	TSO	Method Blank	Total Suspended Solids	2025/04/21	ND, RDL=1.0		mg/L	
B758204	TSO	RPD [DID847-01]	Total Suspended Solids	2025/04/21	NC		%	20
B758209	C2L	Matrix Spike [DID852-02]	Nitrate plus Nitrite (N)	2025/04/17		112	%	80 - 120
B758209	C2L	Spiked Blank	Nitrate plus Nitrite (N)	2025/04/17		106	%	80 - 120
B758209	C2L	Method Blank	Nitrate plus Nitrite (N)	2025/04/17	ND, RDL=0.020		mg/L	
B758209	C2L	RPD [DID852-02]	Nitrate plus Nitrite (N)	2025/04/17	NC		%	25
B758212	C2L	Matrix Spike [DID852-02]	Nitrite (N)	2025/04/17		95	%	80 - 120
B758212	C2L	Spiked Blank	Nitrite (N)	2025/04/17		99	%	80 - 120
B758212	C2L	Method Blank	Nitrite (N)	2025/04/17	ND, RDL=0.0050		mg/L	
B758212	C2L	RPD [DID852-02]	Nitrite (N)	2025/04/17	NC		%	20
B758220	CBK	Matrix Spike	Dissolved Organic Carbon (C)	2025/04/18		104	%	80 - 120
B758220	CBK	Spiked Blank	Dissolved Organic Carbon (C)	2025/04/17		101	%	80 - 120
B758220	CBK	Method Blank	Dissolved Organic Carbon (C)	2025/04/17	ND, RDL=0.50		mg/L	
B758220	CBK	RPD	Dissolved Organic Carbon (C)	2025/04/18	1.9		%	20
B758227	BB3	Spiked Blank	pH	2025/04/18		100	%	97 - 103
B758227	BB3	RPD [DID850-02]	pH	2025/04/18	0.31		%	N/A
B758228	BB3	Spiked Blank	Alkalinity (Total as CaCO3)	2025/04/18		96	%	80 - 120
B758228	BB3	Method Blank	Alkalinity (PP as CaCO3)	2025/04/18	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/04/18	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/04/18	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/04/18	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/04/18	ND, RDL=1.0		mg/L	
B758228	BB3	RPD [DID850-02]	Alkalinity (PP as CaCO3)	2025/04/18	NC		%	20
			Alkalinity (Total as CaCO3)	2025/04/18	0.034		%	20

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Bicarbonate (HCO3)	2025/04/18	0.034		%	20
			Carbonate (CO3)	2025/04/18	NC		%	20
			Hydroxide (OH)	2025/04/18	NC		%	20
B758231	CJY	Matrix Spike	Dissolved Fluoride (F)	2025/04/18		106	%	80 - 120
B758231	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/04/18		99	%	80 - 120
B758231	CJY	Method Blank	Dissolved Fluoride (F)	2025/04/18	ND, RDL=0.050		mg/L	
B758231	CJY	RPD	Dissolved Fluoride (F)	2025/04/18	NC		%	20
B758602	C2L	Matrix Spike	Nitrate plus Nitrite (N)	2025/04/19		109	%	80 - 120
B758602	C2L	Spiked Blank	Nitrate plus Nitrite (N)	2025/04/19		112	%	80 - 120
B758602	C2L	Method Blank	Nitrate plus Nitrite (N)	2025/04/19	ND, RDL=0.020		mg/L	
B758602	C2L	RPD	Nitrate plus Nitrite (N)	2025/04/19	NC		%	25
B758603	C2L	Matrix Spike	Nitrite (N)	2025/04/19		99	%	80 - 120
B758603	C2L	Spiked Blank	Nitrite (N)	2025/04/19		101	%	80 - 120
B758603	C2L	Method Blank	Nitrite (N)	2025/04/19	ND, RDL=0.0050		mg/L	
B758603	C2L	RPD	Nitrite (N)	2025/04/19	NC		%	20
B759169	AAX	Matrix Spike	Methyl Sulfone (sur.)	2025/04/21		83	%	50 - 140
			Ethylene Glycol	2025/04/21		79	%	60 - 140
			Diethylene Glycol	2025/04/21		88	%	60 - 140
			Triethylene Glycol	2025/04/21		80	%	60 - 140
			Propylene Glycol	2025/04/21		75	%	60 - 140
B759169	AAX	Spiked Blank	Methyl Sulfone (sur.)	2025/04/21		88	%	50 - 140
			Ethylene Glycol	2025/04/21		82	%	70 - 130
			Diethylene Glycol	2025/04/21		97	%	70 - 130
			Triethylene Glycol	2025/04/21		90	%	70 - 130
			Propylene Glycol	2025/04/21		85	%	70 - 130
B759169	AAX	Method Blank	Methyl Sulfone (sur.)	2025/04/21		93	%	50 - 140
			Ethylene Glycol	2025/04/21	ND, RDL=3.0		mg/L	
			Diethylene Glycol	2025/04/21	ND, RDL=5.0		mg/L	
			Triethylene Glycol	2025/04/21	ND, RDL=5.0		mg/L	
			Propylene Glycol	2025/04/21	ND, RDL=5.0		mg/L	
B759169	AAX	RPD	Ethylene Glycol	2025/04/21	NC		%	30
			Diethylene Glycol	2025/04/21	NC		%	30
			Triethylene Glycol	2025/04/21	NC		%	30
			Propylene Glycol	2025/04/21	NC		%	30
B759326	JP1	Matrix Spike	D10-ANTHRACENE (sur.)	2025/04/21		100	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/04/21		87	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/04/21		79	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/04/21		97	%	50 - 140
			Quinoline	2025/04/21		116	%	50 - 140
			Naphthalene	2025/04/21		85	%	50 - 140
			1-Methylnaphthalene	2025/04/21		84	%	50 - 140
			2-Methylnaphthalene	2025/04/21		82	%	50 - 140
			Acenaphthylene	2025/04/21		89	%	50 - 140
			Acenaphthene	2025/04/21		88	%	50 - 140
			Fluorene	2025/04/21		94	%	50 - 140
			Phenanthrene	2025/04/21		87	%	50 - 140

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Anthracene	2025/04/21		99	%	50 - 140
			Acridine	2025/04/21		93	%	50 - 140
			Fluoranthene	2025/04/21		100	%	50 - 140
			Pyrene	2025/04/21		100	%	50 - 140
			Benzo(a)anthracene	2025/04/21		87	%	50 - 140
			Chrysene	2025/04/21		88	%	50 - 140
			Benzo(b&j)fluoranthene	2025/04/21		81	%	50 - 140
			Benzo(k)fluoranthene	2025/04/21		82	%	50 - 140
			Benzo(a)pyrene	2025/04/21		79	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/04/21		69	%	50 - 140
			Dibenz(a,h)anthracene	2025/04/21		68	%	50 - 140
			Benzo(g,h,i)perylene	2025/04/21		70	%	50 - 140
B759326	JP1	Spiked Blank	D10-ANTHRACENE (sur.)	2025/04/21		100	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/04/21		90	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/04/21		90	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/04/21		100	%	50 - 140
			Quinoline	2025/04/21		102	%	50 - 140
			Naphthalene	2025/04/21		91	%	50 - 140
			1-Methylnaphthalene	2025/04/21		89	%	50 - 140
			2-Methylnaphthalene	2025/04/21		86	%	50 - 140
			Acenaphthylene	2025/04/21		90	%	50 - 140
			Acenaphthene	2025/04/21		89	%	50 - 140
			Fluorene	2025/04/21		89	%	50 - 140
			Phenanthrene	2025/04/21		89	%	50 - 140
			Anthracene	2025/04/21		98	%	50 - 140
			Acridine	2025/04/21		93	%	50 - 140
			Fluoranthene	2025/04/21		93	%	50 - 140
			Pyrene	2025/04/21		95	%	50 - 140
			Benzo(a)anthracene	2025/04/21		85	%	50 - 140
			Chrysene	2025/04/21		87	%	50 - 140
			Benzo(b&j)fluoranthene	2025/04/21		89	%	50 - 140
			Benzo(k)fluoranthene	2025/04/21		92	%	50 - 140
			Benzo(a)pyrene	2025/04/21		86	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/04/21		87	%	50 - 140
			Dibenz(a,h)anthracene	2025/04/21		87	%	50 - 140
			Benzo(g,h,i)perylene	2025/04/21		89	%	50 - 140
B759326	JP1	Method Blank	D10-ANTHRACENE (sur.)	2025/04/21		105	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/04/21		94	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/04/21		96	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/04/21		105	%	50 - 140
			Quinoline	2025/04/21	ND, RDL=0.020		ug/L	
			Naphthalene	2025/04/21	ND, RDL=0.10		ug/L	
			1-Methylnaphthalene	2025/04/21	ND, RDL=0.050		ug/L	
			2-Methylnaphthalene	2025/04/21	ND, RDL=0.10		ug/L	
			Acenaphthylene	2025/04/21	ND, RDL=0.050		ug/L	
			Acenaphthene	2025/04/21	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
			Fluorene	2025/04/21	ND, RDL=0.050		ug/L	
			Phenanthrene	2025/04/21	ND, RDL=0.050		ug/L	
			Anthracene	2025/04/21	ND, RDL=0.010		ug/L	
			Acridine	2025/04/21	ND, RDL=0.050		ug/L	
			Fluoranthene	2025/04/21	ND, RDL=0.020		ug/L	
			Pyrene	2025/04/21	ND, RDL=0.020		ug/L	
			Benzo(a)anthracene	2025/04/21	ND, RDL=0.010		ug/L	
			Chrysene	2025/04/21	ND, RDL=0.020		ug/L	
			Benzo(b&j)fluoranthene	2025/04/21	ND, RDL=0.030		ug/L	
			Benzo(k)fluoranthene	2025/04/21	ND, RDL=0.050		ug/L	
			Benzo(a)pyrene	2025/04/21	ND, RDL=0.0050		ug/L	
			Indeno(1,2,3-cd)pyrene	2025/04/21	ND, RDL=0.050		ug/L	
			Dibenz(a,h)anthracene	2025/04/21	ND, RDL=0.0030		ug/L	
			Benzo(g,h,i)perylene	2025/04/21	ND, RDL=0.050		ug/L	
B759326	JP1	RPD	Quinoline	2025/04/21	NC		%	40
			Naphthalene	2025/04/21	NC		%	40
			1-Methylnaphthalene	2025/04/21	NC		%	40
			2-Methylnaphthalene	2025/04/21	NC		%	40
			Acenaphthylene	2025/04/21	NC		%	40
			Acenaphthene	2025/04/21	NC		%	40
			Fluorene	2025/04/21	NC		%	40
			Phenanthrene	2025/04/21	NC		%	40
			Anthracene	2025/04/21	NC		%	40
			Acridine	2025/04/21	NC		%	40
			Fluoranthene	2025/04/21	NC		%	40
			Pyrene	2025/04/21	NC		%	40
			Benzo(a)anthracene	2025/04/21	NC		%	40
			Chrysene	2025/04/21	NC		%	40
			Benzo(b&j)fluoranthene	2025/04/21	NC		%	40
			Benzo(k)fluoranthene	2025/04/21	NC		%	40
			Benzo(a)pyrene	2025/04/21	NC		%	40
			Indeno(1,2,3-cd)pyrene	2025/04/21	NC		%	40
			Dibenz(a,h)anthracene	2025/04/21	NC		%	40
			Benzo(g,h,i)perylene	2025/04/21	NC		%	40
B759333	IT1	Matrix Spike	O-TERPHENYL (sur.)	2025/04/21		101	%	60 - 140
			EPH (C10-C19)	2025/04/21		95	%	60 - 140
			EPH (C19-C32)	2025/04/21		105	%	60 - 140
B759333	IT1	Spiked Blank	O-TERPHENYL (sur.)	2025/04/21		103	%	60 - 140
			EPH (C10-C19)	2025/04/21		95	%	70 - 130

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			EPH (C19-C32)	2025/04/21		109	%	70 - 130
B759333	IT1	Method Blank	O-TERPHENYL (sur.)	2025/04/21		108	%	60 - 140
			EPH (C10-C19)	2025/04/21	ND, RDL=0.20		mg/L	
			EPH (C19-C32)	2025/04/21	ND, RDL=0.20		mg/L	
B759333	IT1	RPD	EPH (C10-C19)	2025/04/22	NC		%	30
			EPH (C19-C32)	2025/04/22	NC		%	30
B759521	TSO	Matrix Spike	Total Nitrogen (N)	2025/04/22		106	%	80 - 120
B759521	TSO	Spiked Blank	Total Nitrogen (N)	2025/04/22		109	%	80 - 120
B759521	TSO	Method Blank	Total Nitrogen (N)	2025/04/22	ND, RDL=0.020		mg/L	
B759521	TSO	RPD	Total Nitrogen (N)	2025/04/22	4.4		%	20
B759522	TSO	Matrix Spike [DID852-09]	Total Nitrogen (N)	2025/04/22		109	%	80 - 120
B759522	TSO	Spiked Blank	Total Nitrogen (N)	2025/04/22		107	%	80 - 120
B759522	TSO	Method Blank	Total Nitrogen (N)	2025/04/22	ND, RDL=0.020		mg/L	
B759522	TSO	RPD [DID852-09]	Total Nitrogen (N)	2025/04/22	NC		%	20
B759575	BB3	Matrix Spike	Chloride (Cl)	2025/04/21		NC	%	80 - 120
			Sulphate (SO4)	2025/04/21		NC	%	80 - 120
B759575	BB3	Spiked Blank	Chloride (Cl)	2025/04/21		97	%	80 - 120
			Sulphate (SO4)	2025/04/21		94	%	80 - 120
B759575	BB3	Method Blank	Chloride (Cl)	2025/04/21	ND, RDL=1.0		mg/L	
			Sulphate (SO4)	2025/04/21	ND, RDL=1.0		mg/L	
B759575	BB3	RPD	Chloride (Cl)	2025/04/21	0.40		%	20
			Sulphate (SO4)	2025/04/21	2.7		%	20
B759581	BB3	Matrix Spike [DID849-02]	Chloride (Cl)	2025/04/21		99	%	80 - 120
			Sulphate (SO4)	2025/04/21		104	%	80 - 120
B759581	BB3	Spiked Blank	Chloride (Cl)	2025/04/21		98	%	80 - 120
			Sulphate (SO4)	2025/04/21		96	%	80 - 120
B759581	BB3	Method Blank	Chloride (Cl)	2025/04/21	ND, RDL=1.0		mg/L	
			Sulphate (SO4)	2025/04/21	ND, RDL=1.0		mg/L	
B759581	BB3	RPD [DID849-02]	Chloride (Cl)	2025/04/21	NC		%	20
			Sulphate (SO4)	2025/04/21	NC		%	20
B759658	NGU	Matrix Spike	1,4-Difluorobenzene (sur.)	2025/04/21		103	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/04/21		103	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/04/21		99	%	50 - 140
			1,1,1,2-tetrachloroethane	2025/04/21		87	%	50 - 140
			1,1,1-trichloroethane	2025/04/21		90	%	50 - 140
			1,1,2,2-tetrachloroethane	2025/04/21		87	%	50 - 140
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/04/21		94	%	50 - 140
			1,1,2-trichloroethane	2025/04/21		85	%	50 - 140
			1,1-dichloroethane	2025/04/21		89	%	50 - 140
			1,1-dichloroethene	2025/04/21		103	%	50 - 140
			1,2,3-trichlorobenzene	2025/04/21		106	%	50 - 140
			1,2,4-trichlorobenzene	2025/04/21		103	%	50 - 140
			1,2-dibromoethane	2025/04/21		89	%	50 - 140
			1,2-dichlorobenzene	2025/04/21		101	%	50 - 140
			1,2-dichloroethane	2025/04/21		87	%	50 - 140

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			1,2-dichloropropane	2025/04/21		90	%	50 - 140
			1,3,5-trimethylbenzene	2025/04/21		111	%	50 - 140
			1,3-Butadiene	2025/04/21		76	%	50 - 140
			1,3-dichlorobenzene	2025/04/21		104	%	50 - 140
			1,3-dichloropropane	2025/04/21		90	%	50 - 140
			1,4-dichlorobenzene	2025/04/21		92	%	50 - 140
			Benzene	2025/04/21		96	%	50 - 140
			Bromobenzene	2025/04/21		96	%	50 - 140
			Bromodichloromethane	2025/04/21		88	%	50 - 140
			Bromoform	2025/04/21		87	%	50 - 140
			Bromomethane	2025/04/21		91	%	50 - 140
			Carbon tetrachloride	2025/04/21		92	%	50 - 140
			Chlorobenzene	2025/04/21		92	%	50 - 140
			Dibromochloromethane	2025/04/21		88	%	50 - 140
			Chloroethane	2025/04/21		81	%	50 - 140
			Chloroform	2025/04/21		90	%	50 - 140
			Chloromethane	2025/04/21		103	%	50 - 140
			cis-1,2-dichloroethene	2025/04/21		97	%	50 - 140
			cis-1,3-dichloropropene	2025/04/21		83	%	50 - 140
			Dichlorodifluoromethane	2025/04/21		97	%	50 - 140
			Dichloromethane	2025/04/21		94	%	50 - 140
			Ethylbenzene	2025/04/21		89	%	50 - 140
			Hexachlorobutadiene	2025/04/21		104	%	50 - 140
			Isopropylbenzene	2025/04/21		102	%	50 - 140
			Methyl-tert-butylether (MTBE)	2025/04/21		93	%	50 - 140
			Styrene	2025/04/21		82	%	50 - 140
			Tetrachloroethene	2025/04/21		92	%	50 - 140
			Toluene	2025/04/21		89	%	50 - 140
			trans-1,2-dichloroethene	2025/04/21		103	%	50 - 140
			trans-1,3-dichloropropene	2025/04/21		87	%	50 - 140
			Trichloroethene	2025/04/21		95	%	50 - 140
			Trichlorofluoromethane	2025/04/21		93	%	50 - 140
			Vinyl chloride	2025/04/21		97	%	50 - 140
			m & p-Xylene	2025/04/21		90	%	50 - 140
			o-Xylene	2025/04/21		90	%	50 - 140
B759658	NGU	Spiked Blank	1,4-Difluorobenzene (sur.)	2025/04/21		103	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/04/21		102	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/04/21		100	%	50 - 140
			VH C6-C10	2025/04/21		112	%	70 - 130
			1,1,1,2-tetrachloroethane	2025/04/21		87	%	60 - 130
			1,1,1-trichloroethane	2025/04/21		91	%	60 - 130
			1,1,2,2-tetrachloroethane	2025/04/21		85	%	60 - 130
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/04/21		96	%	60 - 130
			1,1,2-trichloroethane	2025/04/21		86	%	60 - 130
			1,1-dichloroethane	2025/04/21		91	%	60 - 130
			1,1-dichloroethene	2025/04/21		104	%	60 - 130
			1,2,3-trichlorobenzene	2025/04/21		104	%	60 - 130
			1,2,4-trichlorobenzene	2025/04/21		102	%	60 - 130
			1,2-dibromoethane	2025/04/21		89	%	60 - 130
			1,2-dichlorobenzene	2025/04/21		100	%	60 - 130
			1,2-dichloroethane	2025/04/21		88	%	60 - 130
			1,2-dichloropropane	2025/04/21		91	%	60 - 130
			1,3,5-trimethylbenzene	2025/04/21		110	%	60 - 130

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			1,3-Butadiene	2025/04/21		76	%	50 - 140
			1,3-dichlorobenzene	2025/04/21		103	%	60 - 130
			1,3-dichloropropane	2025/04/21		91	%	60 - 130
			1,4-dichlorobenzene	2025/04/21		91	%	60 - 130
			Benzene	2025/04/21		97	%	60 - 130
			Bromobenzene	2025/04/21		96	%	60 - 130
			Bromodichloromethane	2025/04/21		89	%	60 - 130
			Bromoform	2025/04/21		86	%	60 - 130
			Bromomethane	2025/04/21		88	%	50 - 140
			Carbon tetrachloride	2025/04/21		94	%	60 - 130
			Chlorobenzene	2025/04/21		93	%	60 - 130
			Dibromochloromethane	2025/04/21		89	%	60 - 130
			Chloroethane	2025/04/21		79	%	50 - 140
			Chloroform	2025/04/21		90	%	60 - 130
			Chloromethane	2025/04/21		105	%	50 - 140
			cis-1,2-dichloroethene	2025/04/21		98	%	60 - 130
			cis-1,3-dichloropropene	2025/04/21		81	%	50 - 140
			Dichlorodifluoromethane	2025/04/21		99	%	50 - 140
			Dichloromethane	2025/04/21		95	%	60 - 130
			Ethylbenzene	2025/04/21		90	%	60 - 130
			Hexachlorobutadiene	2025/04/21		103	%	60 - 130
			Isopropylbenzene	2025/04/21		102	%	60 - 130
			Methyl-tert-butylether (MTBE)	2025/04/21		96	%	60 - 130
			Styrene	2025/04/21		81	%	60 - 130
			Tetrachloroethene	2025/04/21		94	%	60 - 130
			Toluene	2025/04/21		90	%	60 - 130
			trans-1,2-dichloroethene	2025/04/21		104	%	60 - 130
			trans-1,3-dichloropropene	2025/04/21		83	%	50 - 140
			Trichloroethene	2025/04/21		96	%	60 - 130
			Trichlorofluoromethane	2025/04/21		94	%	60 - 130
			Vinyl chloride	2025/04/21		98	%	50 - 140
			m & p-Xylene	2025/04/21		91	%	60 - 130
			o-Xylene	2025/04/21		90	%	60 - 130
B759658	NGU	Method Blank	1,4-Difluorobenzene (sur.)	2025/04/21		103	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/04/21		85	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/04/21		97	%	50 - 140
			VH C6-C10	2025/04/21	ND, RDL=300		ug/L	
			1,1,1,2-tetrachloroethane	2025/04/21	ND, RDL=0.50		ug/L	
			1,1,1-trichloroethane	2025/04/21	ND, RDL=0.50		ug/L	
			1,1,2,2-tetrachloroethane	2025/04/21	ND, RDL=0.50		ug/L	
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/04/21	ND, RDL=2.0		ug/L	
			1,1,2-trichloroethane	2025/04/21	ND, RDL=0.50		ug/L	
			1,1-dichloroethane	2025/04/21	ND, RDL=0.50		ug/L	
			1,1-dichloroethene	2025/04/21	ND, RDL=0.50		ug/L	

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			1,2,3-trichlorobenzene	2025/04/21	ND, RDL=2.0		ug/L	
			1,2,4-trichlorobenzene	2025/04/21	ND, RDL=2.0		ug/L	
			1,2-dibromoethane	2025/04/21	ND, RDL=0.20		ug/L	
			1,2-dichlorobenzene	2025/04/21	ND, RDL=0.50		ug/L	
			1,2-dichloroethane	2025/04/21	ND, RDL=0.50		ug/L	
			1,2-dichloropropane	2025/04/21	ND, RDL=0.50		ug/L	
			1,3,5-trimethylbenzene	2025/04/21	ND, RDL=2.0		ug/L	
			1,3-Butadiene	2025/04/21	ND, RDL=0.50		ug/L	
			1,3-dichlorobenzene	2025/04/21	ND, RDL=0.50		ug/L	
			1,3-dichloropropane	2025/04/21	ND, RDL=1.0		ug/L	
			1,4-dichlorobenzene	2025/04/21	ND, RDL=0.50		ug/L	
			Benzene	2025/04/21	ND, RDL=0.40		ug/L	
			Bromobenzene	2025/04/21	ND, RDL=2.0		ug/L	
			Bromodichloromethane	2025/04/21	ND, RDL=1.0		ug/L	
			Bromoform	2025/04/21	ND, RDL=1.0		ug/L	
			Bromomethane	2025/04/21	ND, RDL=1.0		ug/L	
			Carbon tetrachloride	2025/04/21	ND, RDL=0.50		ug/L	
			Chlorobenzene	2025/04/21	ND, RDL=0.50		ug/L	
			Dibromochloromethane	2025/04/21	ND, RDL=1.0		ug/L	
			Chloroethane	2025/04/21	ND, RDL=1.0		ug/L	
			Chloroform	2025/04/21	ND, RDL=1.0		ug/L	
			Chloromethane	2025/04/21	ND, RDL=1.0		ug/L	
			cis-1,2-dichloroethene	2025/04/21	ND, RDL=1.0		ug/L	
			cis-1,3-dichloropropene	2025/04/21	ND, RDL=1.0		ug/L	
			Dichlorodifluoromethane	2025/04/21	ND, RDL=2.0		ug/L	
			Dichloromethane	2025/04/21	ND, RDL=2.0		ug/L	
			Ethylbenzene	2025/04/21	ND, RDL=0.40		ug/L	

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Hexachlorobutadiene	2025/04/21	ND, RDL=0.50		ug/L	
			Isopropylbenzene	2025/04/21	ND, RDL=2.0		ug/L	
			Methyl-tert-butylether (MTBE)	2025/04/21	ND, RDL=4.0		ug/L	
			Styrene	2025/04/21	ND, RDL=0.50		ug/L	
			Tetrachloroethene	2025/04/21	ND, RDL=0.50		ug/L	
			Toluene	2025/04/21	ND, RDL=0.40		ug/L	
			trans-1,2-dichloroethene	2025/04/21	ND, RDL=1.0		ug/L	
			trans-1,3-dichloropropene	2025/04/21	ND, RDL=1.0		ug/L	
			Trichloroethene	2025/04/21	ND, RDL=0.50		ug/L	
			Trichlorofluoromethane	2025/04/21	ND, RDL=4.0		ug/L	
			Vinyl chloride	2025/04/21	ND, RDL=0.50		ug/L	
			m & p-Xylene	2025/04/21	ND, RDL=0.40		ug/L	
			o-Xylene	2025/04/21	ND, RDL=0.40		ug/L	
			Xylenes (Total)	2025/04/21	ND, RDL=0.40		ug/L	
B759658	NGU	RPD	VH C6-C10	2025/04/21	NC		%	30
			1,2-dibromoethane	2025/04/21	NC		%	30
			1,2-dichloroethane	2025/04/21	NC		%	30
			1,3,5-trimethylbenzene	2025/04/21	NC		%	30
			1,3-Butadiene	2025/04/21	NC		%	30
			Benzene	2025/04/21	NC		%	30
			Ethylbenzene	2025/04/21	NC		%	30
			Isopropylbenzene	2025/04/21	NC		%	30
			Methyl-tert-butylether (MTBE)	2025/04/21	NC		%	30
			Styrene	2025/04/21	NC		%	30
			Toluene	2025/04/21	NC		%	30
			m & p-Xylene	2025/04/21	NC		%	30
			o-Xylene	2025/04/21	NC		%	30
			Xylenes (Total)	2025/04/21	NC		%	30
B760190	IC4	Matrix Spike	Total Mercury (Hg)	2025/04/22		88	%	80 - 120
B760190	IC4	Spiked Blank	Total Mercury (Hg)	2025/04/22		98	%	80 - 120
B760190	IC4	Method Blank	Total Mercury (Hg)	2025/04/22	ND, RDL=0.0019		ug/L	
B760190	IC4	RPD	Total Mercury (Hg)	2025/04/22	3.4		%	20
			Total Mercury (Hg)	2025/04/22	NC		%	20
			Total Mercury (Hg)	2025/04/22	NC		%	20
			Total Mercury (Hg)	2025/04/22	NC		%	20
B760190	IC4	RPD [DID847-07]	Total Mercury (Hg)	2025/04/22	NC		%	20
B760239	BTM	Matrix Spike [DID849-01]	Total Suspended Solids	2025/04/22		105	%	80 - 120
B760239	BTM	Spiked Blank	Total Suspended Solids	2025/04/22		104	%	80 - 120

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B760239	BTM	Method Blank	Total Suspended Solids	2025/04/22	ND, RDL=1.0		mg/L	
B760239	BTM	RPD [DID848-01]	Total Suspended Solids	2025/04/22	NC		%	20
B760248	NJD	Matrix Spike [DID849-14]	Total Sulphide	2025/04/22		103	%	80 - 120
B760248	NJD	Spiked Blank	Total Sulphide	2025/04/22		92	%	80 - 120
B760248	NJD	Method Blank	Total Sulphide	2025/04/22	ND, RDL=0.0018		mg/L	
B760248	NJD	RPD [DID851-11]	Total Sulphide	2025/04/22	NC		%	20
B760851	MEM	Matrix Spike [DID847-06]	Total Aluminum (Al)	2025/04/22		102	%	80 - 120
			Total Antimony (Sb)	2025/04/22		104	%	80 - 120
			Total Arsenic (As)	2025/04/22		107	%	80 - 120
			Total Barium (Ba)	2025/04/22		103	%	80 - 120
			Total Beryllium (Be)	2025/04/22		100	%	80 - 120
			Total Bismuth (Bi)	2025/04/22		98	%	80 - 120
			Total Boron (B)	2025/04/22		89	%	80 - 120
			Total Cadmium (Cd)	2025/04/22		105	%	80 - 120
			Total Cesium (Cs)	2025/04/22		108	%	80 - 120
			Total Chromium (Cr)	2025/04/22		103	%	80 - 120
			Total Cobalt (Co)	2025/04/22		99	%	80 - 120
			Total Copper (Cu)	2025/04/22		99	%	80 - 120
			Total Iron (Fe)	2025/04/22		103	%	80 - 120
			Total Lead (Pb)	2025/04/22		98	%	80 - 120
			Total Lithium (Li)	2025/04/22		85	%	80 - 120
			Total Manganese (Mn)	2025/04/22		101	%	80 - 120
			Total Molybdenum (Mo)	2025/04/22		NC	%	80 - 120
			Total Nickel (Ni)	2025/04/22		101	%	80 - 120
			Total Phosphorus (P)	2025/04/22		106	%	80 - 120
			Total Rubidium (Rb)	2025/04/22		113	%	80 - 120
			Total Selenium (Se)	2025/04/22		105	%	80 - 120
			Total Silicon (Si)	2025/04/22		NC	%	80 - 120
			Total Silver (Ag)	2025/04/22		104	%	80 - 120
			Total Strontium (Sr)	2025/04/22		105	%	80 - 120
			Total Tellurium (Te)	2025/04/22		109	%	80 - 120
			Total Thallium (Tl)	2025/04/22		99	%	80 - 120
			Total Thorium (Th)	2025/04/22		106	%	80 - 120
			Total Tin (Sn)	2025/04/22		101	%	80 - 120
			Total Titanium (Ti)	2025/04/22		106	%	80 - 120
			Total Uranium (U)	2025/04/22		103	%	80 - 120
			Total Vanadium (V)	2025/04/22		106	%	80 - 120
			Total Zinc (Zn)	2025/04/22		104	%	80 - 120
			Total Zirconium (Zr)	2025/04/22		105	%	80 - 120
B760851	MEM	Spiked Blank	Total Aluminum (Al)	2025/04/22		108	%	80 - 120
			Total Antimony (Sb)	2025/04/22		107	%	80 - 120
			Total Arsenic (As)	2025/04/22		108	%	80 - 120
			Total Barium (Ba)	2025/04/22		106	%	80 - 120
			Total Beryllium (Be)	2025/04/22		103	%	80 - 120
			Total Bismuth (Bi)	2025/04/22		101	%	80 - 120
			Total Boron (B)	2025/04/22		90	%	80 - 120
			Total Cadmium (Cd)	2025/04/22		107	%	80 - 120
			Total Cesium (Cs)	2025/04/22		110	%	80 - 120
			Total Chromium (Cr)	2025/04/22		107	%	80 - 120
			Total Cobalt (Co)	2025/04/22		102	%	80 - 120
			Total Copper (Cu)	2025/04/22		104	%	80 - 120

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Iron (Fe)	2025/04/22		106	%	80 - 120
			Total Lead (Pb)	2025/04/22		101	%	80 - 120
			Total Lithium (Li)	2025/04/22		88	%	80 - 120
			Total Manganese (Mn)	2025/04/22		105	%	80 - 120
			Total Molybdenum (Mo)	2025/04/22		110	%	80 - 120
			Total Nickel (Ni)	2025/04/22		104	%	80 - 120
			Total Phosphorus (P)	2025/04/22		105	%	80 - 120
			Total Rubidium (Rb)	2025/04/22		111	%	80 - 120
			Total Selenium (Se)	2025/04/22		108	%	80 - 120
			Total Silicon (Si)	2025/04/22		97	%	80 - 120
			Total Silver (Ag)	2025/04/22		106	%	80 - 120
			Total Strontium (Sr)	2025/04/22		107	%	80 - 120
			Total Tellurium (Te)	2025/04/22		117	%	80 - 120
			Total Thallium (Tl)	2025/04/22		100	%	80 - 120
			Total Thorium (Th)	2025/04/22		106	%	80 - 120
			Total Tin (Sn)	2025/04/22		109	%	80 - 120
			Total Titanium (Ti)	2025/04/22		108	%	80 - 120
			Total Uranium (U)	2025/04/22		103	%	80 - 120
			Total Vanadium (V)	2025/04/22		107	%	80 - 120
			Total Zinc (Zn)	2025/04/22		108	%	80 - 120
			Total Zirconium (Zr)	2025/04/22		105	%	80 - 120
B760851	MEM	Method Blank	Total Aluminum (Al)	2025/04/22	ND, RDL=0.50		ug/L	
			Total Antimony (Sb)	2025/04/22	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/04/22	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/04/22	ND, RDL=0.020		ug/L	
			Total Beryllium (Be)	2025/04/22	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/04/22	ND, RDL=0.0050		ug/L	
			Total Boron (B)	2025/04/22	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/04/22	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/04/22	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/04/22	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/04/22	ND, RDL=0.0050		ug/L	
			Total Copper (Cu)	2025/04/22	ND, RDL=0.050		ug/L	
			Total Iron (Fe)	2025/04/22	ND, RDL=1.0		ug/L	
			Total Lead (Pb)	2025/04/22	ND, RDL=0.0050		ug/L	
			Total Lithium (Li)	2025/04/22	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/04/22	ND, RDL=0.050		ug/L	

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Molybdenum (Mo)	2025/04/22	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/04/22	ND, RDL=0.020		ug/L	
			Total Phosphorus (P)	2025/04/22	ND, RDL=2.0		ug/L	
			Total Rubidium (Rb)	2025/04/22	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/04/22	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/04/22	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/04/22	ND, RDL=0.0050		ug/L	
			Total Strontium (Sr)	2025/04/22	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/04/22	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/04/22	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/04/22	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/04/22	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/04/22	ND, RDL=0.50		ug/L	
			Total Uranium (U)	2025/04/22	ND, RDL=0.0020		ug/L	
			Total Vanadium (V)	2025/04/22	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/04/22	ND, RDL=0.10		ug/L	
			Total Zirconium (Zr)	2025/04/22	ND, RDL=0.10		ug/L	
B760851	MEM	RPD [DID847-06]	Total Aluminum (Al)	2025/04/22	2.8		%	20
			Total Antimony (Sb)	2025/04/22	13		%	20
			Total Arsenic (As)	2025/04/22	0.15		%	20
			Total Barium (Ba)	2025/04/22	4.4		%	20
			Total Beryllium (Be)	2025/04/22	NC		%	20
			Total Bismuth (Bi)	2025/04/22	0		%	20
			Total Boron (B)	2025/04/22	1.5		%	20
			Total Cadmium (Cd)	2025/04/22	15		%	20
			Total Cesium (Cs)	2025/04/22	NC		%	20
			Total Chromium (Cr)	2025/04/22	NC		%	20
			Total Cobalt (Co)	2025/04/22	15		%	20
			Total Copper (Cu)	2025/04/22	2.4		%	20
			Total Iron (Fe)	2025/04/22	0.81		%	20
			Total Lead (Pb)	2025/04/22	2.7		%	20
			Total Lithium (Li)	2025/04/22	0.26		%	20
			Total Manganese (Mn)	2025/04/22	2.6		%	20
			Total Molybdenum (Mo)	2025/04/22	1.6		%	20
			Total Nickel (Ni)	2025/04/22	17		%	20
			Total Phosphorus (P)	2025/04/22	NC		%	20
			Total Rubidium (Rb)	2025/04/22	0.90		%	20

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Selenium (Se)	2025/04/22	16		%	20
			Total Silicon (Si)	2025/04/22	2.7		%	20
			Total Silver (Ag)	2025/04/22	NC		%	20
			Total Strontium (Sr)	2025/04/22	0.19		%	20
			Total Tellurium (Te)	2025/04/22	NC		%	20
			Total Thallium (Tl)	2025/04/22	0		%	20
			Total Thorium (Th)	2025/04/22	NC		%	20
			Total Tin (Sn)	2025/04/22	NC		%	20
			Total Titanium (Ti)	2025/04/22	NC		%	20
			Total Uranium (U)	2025/04/22	1.6		%	20
			Total Vanadium (V)	2025/04/22	NC		%	20
			Total Zinc (Zn)	2025/04/22	3.6		%	20
			Total Zirconium (Zr)	2025/04/22	NC		%	20
B760851	MEM	RPD	Total Aluminum (Al)	2025/04/22	NC		%	20
			Total Antimony (Sb)	2025/04/22	NC		%	20
			Total Arsenic (As)	2025/04/22	NC		%	20
			Total Barium (Ba)	2025/04/22	NC		%	20
			Total Beryllium (Be)	2025/04/22	NC		%	20
			Total Bismuth (Bi)	2025/04/22	NC		%	20
			Total Boron (B)	2025/04/22	NC		%	20
			Total Cadmium (Cd)	2025/04/22	NC		%	20
			Total Chromium (Cr)	2025/04/22	NC		%	20
			Total Cobalt (Co)	2025/04/22	NC		%	20
			Total Copper (Cu)	2025/04/22	NC		%	20
			Total Iron (Fe)	2025/04/22	NC		%	20
			Total Lead (Pb)	2025/04/22	NC		%	20
			Total Lithium (Li)	2025/04/22	NC		%	20
			Total Manganese (Mn)	2025/04/22	NC		%	20
			Total Molybdenum (Mo)	2025/04/22	NC		%	20
			Total Nickel (Ni)	2025/04/22	NC		%	20
			Total Phosphorus (P)	2025/04/22	NC		%	20
			Total Selenium (Se)	2025/04/22	NC		%	20
			Total Silicon (Si)	2025/04/22	NC		%	20
			Total Silver (Ag)	2025/04/22	NC		%	20
			Total Strontium (Sr)	2025/04/22	NC		%	20
			Total Thallium (Tl)	2025/04/22	NC		%	20
			Total Tin (Sn)	2025/04/22	NC		%	20
			Total Titanium (Ti)	2025/04/22	NC		%	20
			Total Uranium (U)	2025/04/22	NC		%	20
			Total Vanadium (V)	2025/04/22	NC		%	20
			Total Zinc (Zn)	2025/04/22	0.99		%	20
			Total Zirconium (Zr)	2025/04/22	NC		%	20
B760882	AA1	Matrix Spike	Dissolved Aluminum (Al)	2025/04/22		97	%	80 - 120
			Dissolved Antimony (Sb)	2025/04/22		102	%	80 - 120
			Dissolved Arsenic (As)	2025/04/22		107	%	80 - 120
			Dissolved Barium (Ba)	2025/04/22		99	%	80 - 120
			Dissolved Beryllium (Be)	2025/04/22		92	%	80 - 120
			Dissolved Bismuth (Bi)	2025/04/22		96	%	80 - 120
			Dissolved Boron (B)	2025/04/22		93	%	80 - 120
			Dissolved Cadmium (Cd)	2025/04/22		102	%	80 - 120
			Dissolved Cesium (Cs)	2025/04/22		104	%	80 - 120
			Dissolved Chromium (Cr)	2025/04/22		94	%	80 - 120
			Dissolved Cobalt (Co)	2025/04/22		92	%	80 - 120

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Copper (Cu)	2025/04/22		94	%	80 - 120
			Dissolved Iron (Fe)	2025/04/22		105	%	80 - 120
			Dissolved Lead (Pb)	2025/04/22		99	%	80 - 120
			Dissolved Lithium (Li)	2025/04/22		92	%	80 - 120
			Dissolved Manganese (Mn)	2025/04/22		98	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/04/22		110	%	80 - 120
			Dissolved Nickel (Ni)	2025/04/22		94	%	80 - 120
			Dissolved Phosphorus (P)	2025/04/22		102	%	80 - 120
			Dissolved Rubidium (Rb)	2025/04/22		98	%	80 - 120
			Dissolved Selenium (Se)	2025/04/22		104	%	80 - 120
			Dissolved Silicon (Si)	2025/04/22		NC	%	80 - 120
			Dissolved Silver (Ag)	2025/04/22		104	%	80 - 120
			Dissolved Strontium (Sr)	2025/04/22		NC	%	80 - 120
			Dissolved Tellurium (Te)	2025/04/22		103	%	80 - 120
			Dissolved Thallium (Tl)	2025/04/22		101	%	80 - 120
			Dissolved Thorium (Th)	2025/04/22		108	%	80 - 120
			Dissolved Tin (Sn)	2025/04/22		101	%	80 - 120
			Dissolved Titanium (Ti)	2025/04/22		100	%	80 - 120
			Dissolved Uranium (U)	2025/04/22		125 (1)	%	80 - 120
			Dissolved Vanadium (V)	2025/04/22		101	%	80 - 120
			Dissolved Zinc (Zn)	2025/04/22		97	%	80 - 120
			Dissolved Zirconium (Zr)	2025/04/22		106	%	80 - 120
B760882	AA1	Spiked Blank	Dissolved Aluminum (Al)	2025/04/22		107	%	80 - 120
			Dissolved Antimony (Sb)	2025/04/22		103	%	80 - 120
			Dissolved Arsenic (As)	2025/04/22		106	%	80 - 120
			Dissolved Barium (Ba)	2025/04/22		105	%	80 - 120
			Dissolved Beryllium (Be)	2025/04/22		93	%	80 - 120
			Dissolved Bismuth (Bi)	2025/04/22		100	%	80 - 120
			Dissolved Boron (B)	2025/04/22		94	%	80 - 120
			Dissolved Cadmium (Cd)	2025/04/22		103	%	80 - 120
			Dissolved Cesium (Cs)	2025/04/22		105	%	80 - 120
			Dissolved Chromium (Cr)	2025/04/22		99	%	80 - 120
			Dissolved Cobalt (Co)	2025/04/22		98	%	80 - 120
			Dissolved Copper (Cu)	2025/04/22		96	%	80 - 120
			Dissolved Iron (Fe)	2025/04/22		104	%	80 - 120
			Dissolved Lead (Pb)	2025/04/22		101	%	80 - 120
			Dissolved Lithium (Li)	2025/04/22		101	%	80 - 120
			Dissolved Manganese (Mn)	2025/04/22		101	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/04/22		105	%	80 - 120
			Dissolved Nickel (Ni)	2025/04/22		101	%	80 - 120
			Dissolved Phosphorus (P)	2025/04/22		100	%	80 - 120
			Dissolved Rubidium (Rb)	2025/04/22		102	%	80 - 120
			Dissolved Selenium (Se)	2025/04/22		103	%	80 - 120
			Dissolved Silicon (Si)	2025/04/22		104	%	80 - 120
			Dissolved Silver (Ag)	2025/04/22		102	%	80 - 120
			Dissolved Strontium (Sr)	2025/04/22		102	%	80 - 120
			Dissolved Tellurium (Te)	2025/04/22		107	%	80 - 120
			Dissolved Thallium (Tl)	2025/04/22		102	%	80 - 120
			Dissolved Thorium (Th)	2025/04/22		106	%	80 - 120
			Dissolved Tin (Sn)	2025/04/22		102	%	80 - 120
			Dissolved Titanium (Ti)	2025/04/22		103	%	80 - 120
			Dissolved Uranium (U)	2025/04/22		118	%	80 - 120
			Dissolved Vanadium (V)	2025/04/22		103	%	80 - 120

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Zinc (Zn)	2025/04/22		103	%	80 - 120
			Dissolved Zirconium (Zr)	2025/04/22		104	%	80 - 120
B760882	AA1	Method Blank	Dissolved Aluminum (Al)	2025/04/22	ND, RDL=0.50		ug/L	
			Dissolved Antimony (Sb)	2025/04/22	ND, RDL=0.020		ug/L	
			Dissolved Arsenic (As)	2025/04/22	ND, RDL=0.020		ug/L	
			Dissolved Barium (Ba)	2025/04/22	ND, RDL=0.020		ug/L	
			Dissolved Beryllium (Be)	2025/04/22	ND, RDL=0.010		ug/L	
			Dissolved Bismuth (Bi)	2025/04/22	ND, RDL=0.0050		ug/L	
			Dissolved Boron (B)	2025/04/22	ND, RDL=10		ug/L	
			Dissolved Cadmium (Cd)	2025/04/22	ND, RDL=0.0050		ug/L	
			Dissolved Cesium (Cs)	2025/04/22	ND, RDL=0.050		ug/L	
			Dissolved Chromium (Cr)	2025/04/22	ND, RDL=0.10		ug/L	
			Dissolved Cobalt (Co)	2025/04/22	ND, RDL=0.0050		ug/L	
			Dissolved Copper (Cu)	2025/04/22	ND, RDL=0.050		ug/L	
			Dissolved Iron (Fe)	2025/04/22	ND, RDL=1.0		ug/L	
			Dissolved Lead (Pb)	2025/04/22	ND, RDL=0.0050		ug/L	
			Dissolved Lithium (Li)	2025/04/22	ND, RDL=0.50		ug/L	
			Dissolved Manganese (Mn)	2025/04/22	ND, RDL=0.050		ug/L	
			Dissolved Molybdenum (Mo)	2025/04/22	ND, RDL=0.050		ug/L	
			Dissolved Nickel (Ni)	2025/04/22	ND, RDL=0.020		ug/L	
			Dissolved Phosphorus (P)	2025/04/22	ND, RDL=2.0		ug/L	
			Dissolved Rubidium (Rb)	2025/04/22	ND, RDL=0.050		ug/L	
			Dissolved Selenium (Se)	2025/04/22	ND, RDL=0.040		ug/L	
			Dissolved Silicon (Si)	2025/04/22	ND, RDL=50		ug/L	
			Dissolved Silver (Ag)	2025/04/22	ND, RDL=0.0050		ug/L	
			Dissolved Strontium (Sr)	2025/04/22	ND, RDL=0.050		ug/L	
			Dissolved Tellurium (Te)	2025/04/22	ND, RDL=0.020		ug/L	
			Dissolved Thallium (Tl)	2025/04/22	ND, RDL=0.0020		ug/L	

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Thorium (Th)	2025/04/22	ND, RDL=0.0050		ug/L	
			Dissolved Tin (Sn)	2025/04/22	ND, RDL=0.20		ug/L	
			Dissolved Titanium (Ti)	2025/04/22	ND, RDL=0.50		ug/L	
			Dissolved Uranium (U)	2025/04/22	ND, RDL=0.0020		ug/L	
			Dissolved Vanadium (V)	2025/04/22	ND, RDL=0.20		ug/L	
			Dissolved Zinc (Zn)	2025/04/22	ND, RDL=0.10		ug/L	
			Dissolved Zirconium (Zr)	2025/04/22	ND, RDL=0.10		ug/L	
B760882	AA1	RPD	Dissolved Aluminum (Al)	2025/04/22	6.3		%	20
			Dissolved Antimony (Sb)	2025/04/22	7.5		%	20
			Dissolved Arsenic (As)	2025/04/22	1.1		%	20
			Dissolved Barium (Ba)	2025/04/22	0.46		%	20
			Dissolved Beryllium (Be)	2025/04/22	NC		%	20
			Dissolved Bismuth (Bi)	2025/04/22	NC		%	20
			Dissolved Boron (B)	2025/04/22	3.6		%	20
			Dissolved Cadmium (Cd)	2025/04/22	5.2		%	20
			Dissolved Chromium (Cr)	2025/04/22	5.9		%	20
			Dissolved Cobalt (Co)	2025/04/22	6.1		%	20
			Dissolved Copper (Cu)	2025/04/22	1.9		%	20
			Dissolved Iron (Fe)	2025/04/22	NC		%	20
			Dissolved Lead (Pb)	2025/04/22	1.9		%	20
			Dissolved Lithium (Li)	2025/04/22	1.9		%	20
			Dissolved Manganese (Mn)	2025/04/22	1.1		%	20
			Dissolved Molybdenum (Mo)	2025/04/22	3.5		%	20
			Dissolved Nickel (Ni)	2025/04/22	7.1		%	20
			Dissolved Selenium (Se)	2025/04/22	6.1		%	20
			Dissolved Silicon (Si)	2025/04/22	0.62		%	20
			Dissolved Silver (Ag)	2025/04/22	NC		%	20
			Dissolved Strontium (Sr)	2025/04/22	0.66		%	20
			Dissolved Thallium (Tl)	2025/04/22	16		%	20
			Dissolved Tin (Sn)	2025/04/22	NC		%	20
			Dissolved Titanium (Ti)	2025/04/22	NC		%	20
			Dissolved Uranium (U)	2025/04/22	3.8		%	20
			Dissolved Vanadium (V)	2025/04/22	3.9		%	20
			Dissolved Zinc (Zn)	2025/04/22	0.31		%	20
			Dissolved Zirconium (Zr)	2025/04/22	NC		%	20
B760882	AA1	RPD [DID852-05]	Dissolved Aluminum (Al)	2025/04/22	NC		%	20
			Dissolved Antimony (Sb)	2025/04/22	NC		%	20
			Dissolved Arsenic (As)	2025/04/22	NC		%	20
			Dissolved Barium (Ba)	2025/04/22	NC		%	20
			Dissolved Beryllium (Be)	2025/04/22	NC		%	20
			Dissolved Bismuth (Bi)	2025/04/22	NC		%	20
			Dissolved Boron (B)	2025/04/22	NC		%	20
			Dissolved Cadmium (Cd)	2025/04/22	NC		%	20
			Dissolved Cesium (Cs)	2025/04/22	NC		%	20
			Dissolved Chromium (Cr)	2025/04/22	NC		%	20
			Dissolved Cobalt (Co)	2025/04/22	NC		%	20

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Copper (Cu)	2025/04/22	NC		%	20
			Dissolved Iron (Fe)	2025/04/22	NC		%	20
			Dissolved Lead (Pb)	2025/04/22	NC		%	20
			Dissolved Lithium (Li)	2025/04/22	NC		%	20
			Dissolved Manganese (Mn)	2025/04/22	NC		%	20
			Dissolved Molybdenum (Mo)	2025/04/22	NC		%	20
			Dissolved Nickel (Ni)	2025/04/22	NC		%	20
			Dissolved Phosphorus (P)	2025/04/22	NC		%	20
			Dissolved Rubidium (Rb)	2025/04/22	NC		%	20
			Dissolved Selenium (Se)	2025/04/22	NC		%	20
			Dissolved Silicon (Si)	2025/04/22	NC		%	20
			Dissolved Silver (Ag)	2025/04/22	NC		%	20
			Dissolved Strontium (Sr)	2025/04/22	NC		%	20
			Dissolved Tellurium (Te)	2025/04/22	NC		%	20
			Dissolved Thallium (Tl)	2025/04/22	NC		%	20
			Dissolved Thorium (Th)	2025/04/22	NC		%	20
			Dissolved Tin (Sn)	2025/04/22	NC		%	20
			Dissolved Titanium (Ti)	2025/04/22	NC		%	20
			Dissolved Uranium (U)	2025/04/22	NC		%	20
			Dissolved Vanadium (V)	2025/04/22	NC		%	20
			Dissolved Zinc (Zn)	2025/04/22	NC		%	20
			Dissolved Zirconium (Zr)	2025/04/22	NC		%	20
B761016	BTM	Matrix Spike	Total Dissolved Solids	2025/04/23		102	%	80 - 120
B761016	BTM	Spiked Blank	Total Dissolved Solids	2025/04/23		99	%	80 - 120
B761016	BTM	Method Blank	Total Dissolved Solids	2025/04/23	ND, RDL=10		mg/L	
B761016	BTM	RPD	Total Dissolved Solids	2025/04/23	2.9		%	20
B761445	NJD	Matrix Spike	Total Sulphide	2025/04/23		107	%	80 - 120
B761445	NJD	Spiked Blank	Total Sulphide	2025/04/23		97	%	80 - 120
B761445	NJD	Method Blank	Total Sulphide	2025/04/23	ND, RDL=0.0018		mg/L	
B761445	NJD	RPD	Total Sulphide	2025/04/23	NC		%	20
B761648	CBK	Matrix Spike	Total Organic Carbon (C)	2025/04/23		103	%	80 - 120
B761648	CBK	Spiked Blank	Total Organic Carbon (C)	2025/04/23		101	%	80 - 120
B761648	CBK	Method Blank	Total Organic Carbon (C)	2025/04/23	ND, RDL=0.50		mg/L	
B761648	CBK	RPD	Total Organic Carbon (C)	2025/04/23	NC		%	20
B761681	JLP	Matrix Spike [DID847-02]	Total Hex. Chromium (Cr 6+)	2025/04/23		89	%	80 - 120
B761681	JLP	Spiked Blank	Total Hex. Chromium (Cr 6+)	2025/04/23		105	%	80 - 120
B761681	JLP	Method Blank	Total Hex. Chromium (Cr 6+)	2025/04/23	ND, RDL=0.00099		mg/L	
B761681	JLP	RPD [DID847-02]	Total Hex. Chromium (Cr 6+)	2025/04/23	NC		%	20
B762176	IC4	Matrix Spike	Dissolved Mercury (Hg)	2025/04/23		103	%	80 - 120
B762176	IC4	Spiked Blank	Dissolved Mercury (Hg)	2025/04/23		100	%	80 - 120
B762176	IC4	Method Blank	Dissolved Mercury (Hg)	2025/04/23	ND, RDL=0.0019		ug/L	
B762176	IC4	RPD	Dissolved Mercury (Hg)	2025/04/23	0.34		%	20
B762260	AA1	Matrix Spike [DID853-06]	Total Aluminum (Al)	2025/04/23		110	%	80 - 120
			Total Antimony (Sb)	2025/04/23		104	%	80 - 120
			Total Arsenic (As)	2025/04/23		106	%	80 - 120
			Total Barium (Ba)	2025/04/23		106	%	80 - 120
			Total Beryllium (Be)	2025/04/23		104	%	80 - 120
			Total Bismuth (Bi)	2025/04/23		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
			Total Boron (B)	2025/04/23		104	%	80 - 120
			Total Cadmium (Cd)	2025/04/23		104	%	80 - 120
			Total Cesium (Cs)	2025/04/23		103	%	80 - 120
			Total Chromium (Cr)	2025/04/23		104	%	80 - 120
			Total Cobalt (Co)	2025/04/23		97	%	80 - 120
			Total Copper (Cu)	2025/04/23		95	%	80 - 120
			Total Iron (Fe)	2025/04/23		105	%	80 - 120
			Total Lead (Pb)	2025/04/23		100	%	80 - 120
			Total Lithium (Li)	2025/04/23		103	%	80 - 120
			Total Manganese (Mn)	2025/04/23		104	%	80 - 120
			Total Molybdenum (Mo)	2025/04/23		106	%	80 - 120
			Total Nickel (Ni)	2025/04/23		102	%	80 - 120
			Total Phosphorus (P)	2025/04/23		110	%	80 - 120
			Total Rubidium (Rb)	2025/04/23		104	%	80 - 120
			Total Selenium (Se)	2025/04/23		104	%	80 - 120
			Total Silicon (Si)	2025/04/23		104	%	80 - 120
			Total Silver (Ag)	2025/04/23		102	%	80 - 120
			Total Strontium (Sr)	2025/04/23		106	%	80 - 120
			Total Tellurium (Te)	2025/04/23		107	%	80 - 120
			Total Thallium (Tl)	2025/04/23		100	%	80 - 120
			Total Thorium (Th)	2025/04/23		102	%	80 - 120
			Total Tin (Sn)	2025/04/23		100	%	80 - 120
			Total Titanium (Ti)	2025/04/23		107	%	80 - 120
			Total Uranium (U)	2025/04/23		104	%	80 - 120
			Total Vanadium (V)	2025/04/23		105	%	80 - 120
			Total Zinc (Zn)	2025/04/23		104	%	80 - 120
			Total Zirconium (Zr)	2025/04/23		102	%	80 - 120
B762260	AA1	Spiked Blank	Total Aluminum (Al)	2025/04/23		106	%	80 - 120
			Total Antimony (Sb)	2025/04/23		102	%	80 - 120
			Total Arsenic (As)	2025/04/23		105	%	80 - 120
			Total Barium (Ba)	2025/04/23		104	%	80 - 120
			Total Beryllium (Be)	2025/04/23		105	%	80 - 120
			Total Bismuth (Bi)	2025/04/23		101	%	80 - 120
			Total Boron (B)	2025/04/23		103	%	80 - 120
			Total Cadmium (Cd)	2025/04/23		102	%	80 - 120
			Total Cesium (Cs)	2025/04/23		101	%	80 - 120
			Total Chromium (Cr)	2025/04/23		104	%	80 - 120
			Total Cobalt (Co)	2025/04/23		97	%	80 - 120
			Total Copper (Cu)	2025/04/23		95	%	80 - 120
			Total Iron (Fe)	2025/04/23		103	%	80 - 120
			Total Lead (Pb)	2025/04/23		101	%	80 - 120
			Total Lithium (Li)	2025/04/23		105	%	80 - 120
			Total Manganese (Mn)	2025/04/23		103	%	80 - 120
			Total Molybdenum (Mo)	2025/04/23		103	%	80 - 120
			Total Nickel (Ni)	2025/04/23		101	%	80 - 120
			Total Phosphorus (P)	2025/04/23		109	%	80 - 120
			Total Rubidium (Rb)	2025/04/23		107	%	80 - 120
			Total Selenium (Se)	2025/04/23		103	%	80 - 120
			Total Silicon (Si)	2025/04/23		108	%	80 - 120
			Total Silver (Ag)	2025/04/23		101	%	80 - 120
			Total Strontium (Sr)	2025/04/23		103	%	80 - 120
			Total Tellurium (Te)	2025/04/23		109	%	80 - 120
			Total Thallium (Tl)	2025/04/23		101	%	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
			Total Thorium (Th)	2025/04/23		102	%	80 - 120
			Total Tin (Sn)	2025/04/23		103	%	80 - 120
			Total Titanium (Ti)	2025/04/23		105	%	80 - 120
			Total Uranium (U)	2025/04/23		103	%	80 - 120
			Total Vanadium (V)	2025/04/23		105	%	80 - 120
			Total Zinc (Zn)	2025/04/23		102	%	80 - 120
			Total Zirconium (Zr)	2025/04/23		103	%	80 - 120
B762260	AA1	Method Blank	Total Aluminum (Al)	2025/04/23	ND, RDL=3.0		ug/L	
			Total Antimony (Sb)	2025/04/23	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/04/23	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/04/23	ND, RDL=0.050		ug/L	
			Total Beryllium (Be)	2025/04/23	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/04/23	ND, RDL=0.010		ug/L	
			Total Boron (B)	2025/04/23	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/04/23	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/04/23	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/04/23	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/04/23	ND, RDL=0.010		ug/L	
			Total Copper (Cu)	2025/04/23	ND, RDL=0.10		ug/L	
			Total Iron (Fe)	2025/04/23	ND, RDL=5.0		ug/L	
			Total Lead (Pb)	2025/04/23	ND, RDL=0.020		ug/L	
			Total Lithium (Li)	2025/04/23	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/04/23	ND, RDL=0.10		ug/L	
			Total Molybdenum (Mo)	2025/04/23	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/04/23	ND, RDL=0.10		ug/L	
			Total Phosphorus (P)	2025/04/23	ND, RDL=5.0		ug/L	
			Total Rubidium (Rb)	2025/04/23	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/04/23	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/04/23	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/04/23	ND, RDL=0.010		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
			Total Strontium (Sr)	2025/04/23	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/04/23	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/04/23	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/04/23	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/04/23	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/04/23	ND, RDL=2.0		ug/L	
			Total Uranium (U)	2025/04/23	ND, RDL=0.0050		ug/L	
			Total Vanadium (V)	2025/04/23	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/04/23	ND, RDL=1.0		ug/L	
			Total Zirconium (Zr)	2025/04/23	ND, RDL=0.10		ug/L	
B762260	AA1	RPD [DID850-06]	Total Aluminum (Al)	2025/04/23	3.4		%	20
			Total Antimony (Sb)	2025/04/23	NC		%	20
			Total Arsenic (As)	2025/04/23	5.1		%	20
			Total Barium (Ba)	2025/04/23	3.4		%	20
			Total Beryllium (Be)	2025/04/23	NC		%	20
			Total Bismuth (Bi)	2025/04/23	NC		%	20
			Total Boron (B)	2025/04/23	NC		%	20
			Total Cadmium (Cd)	2025/04/23	17		%	20
			Total Cesium (Cs)	2025/04/23	NC		%	20
			Total Chromium (Cr)	2025/04/23	NC		%	20
			Total Cobalt (Co)	2025/04/23	0.65		%	20
			Total Copper (Cu)	2025/04/23	0.34		%	20
			Total Iron (Fe)	2025/04/23	0.62		%	20
			Total Lead (Pb)	2025/04/23	4.1		%	20
			Total Lithium (Li)	2025/04/23	6.0		%	20
			Total Manganese (Mn)	2025/04/23	0.29		%	20
			Total Molybdenum (Mo)	2025/04/23	3.4		%	20
			Total Nickel (Ni)	2025/04/23	14		%	20
			Total Phosphorus (P)	2025/04/23	2.1		%	20
			Total Rubidium (Rb)	2025/04/23	1.9		%	20
			Total Selenium (Se)	2025/04/23	NC		%	20
			Total Silicon (Si)	2025/04/23	0.33		%	20
			Total Silver (Ag)	2025/04/23	NC		%	20
			Total Strontium (Sr)	2025/04/23	1.6		%	20
			Total Tellurium (Te)	2025/04/23	NC		%	20
			Total Thallium (Tl)	2025/04/23	7.4		%	20
			Total Thorium (Th)	2025/04/23	NC		%	20
			Total Tin (Sn)	2025/04/23	NC		%	20
			Total Titanium (Ti)	2025/04/23	NC		%	20
			Total Uranium (U)	2025/04/23	1.3		%	20
			Total Vanadium (V)	2025/04/23	0.63		%	20
			Total Zinc (Zn)	2025/04/23	18		%	20
			Total Zirconium (Zr)	2025/04/23	NC		%	20

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B762402	TSO	Matrix Spike [DID848-13]	Total Ammonia (N)	2025/04/23		115	%	80 - 120
B762402	TSO	Spiked Blank	Total Ammonia (N)	2025/04/23		105	%	80 - 120
B762402	TSO	Method Blank	Total Ammonia (N)	2025/04/23	ND, RDL=0.015		mg/L	
B762402	TSO	RPD [DID848-13]	Total Ammonia (N)	2025/04/23	NC		%	20
B762522	NKT	Matrix Spike [DID852-09]	Total Phosphorus (P)	2025/04/24		229	%	N/A
B762522	NKT	Spiked Blank	Total Phosphorus (P)	2025/04/24		96	%	80 - 120
B762522	NKT	Method Blank	Total Phosphorus (P)	2025/04/24	ND, RDL=0.0010		mg/L	
B762522	NKT	RPD [DID852-09]	Total Phosphorus (P)	2025/04/24	NC		%	20
B762551	MDO	Matrix Spike	Phenols	2025/04/23		99	%	80 - 120
B762551	MDO	Spiked Blank	Phenols	2025/04/23		102	%	80 - 120
B762551	MDO	Method Blank	Phenols	2025/04/23	ND, RDL=0.0015		mg/L	
B762551	MDO	RPD	Phenols	2025/04/23	0.43		%	20
B762593	MEM	Matrix Spike	Bromide (Br)	2025/04/23		NC	%	78 - 120
B762593	MEM	Spiked Blank	Bromide (Br)	2025/04/23		99	%	80 - 120
B762593	MEM	Method Blank	Bromide (Br)	2025/04/23	ND, RDL=0.010		mg/L	
B762593	MEM	RPD	Bromide (Br)	2025/04/23	1.2		%	20
B762597	MEM	Matrix Spike [DID855-02]	Bromide (Br)	2025/04/23		102	%	78 - 120
B762597	MEM	Spiked Blank	Bromide (Br)	2025/04/23		98	%	80 - 120
B762597	MEM	Method Blank	Bromide (Br)	2025/04/23	ND, RDL=0.010		mg/L	
B762597	MEM	RPD [DID855-02]	Bromide (Br)	2025/04/23	3.2		%	20
B763175	CBK	Matrix Spike	Total Organic Carbon (C)	2025/04/23		97	%	80 - 120
B763175	CBK	Spiked Blank	Total Organic Carbon (C)	2025/04/23		95	%	80 - 120
B763175	CBK	Method Blank	Total Organic Carbon (C)	2025/04/23	ND, RDL=0.50		mg/L	
B763175	CBK	RPD	Total Organic Carbon (C)	2025/04/23	NC		%	20

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

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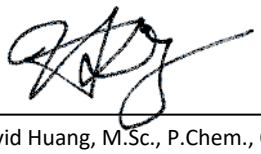
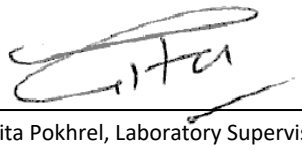
VALIDATION SIGNATURE PAGE

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

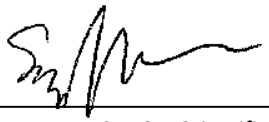


David Huang, M.Sc., P.Chem., QP, Scientific Services Manager



Gita Pokhrel, Laboratory Supervisor

Rochelle Pacheco, Project Solutions Representative



Sandy Yuan, M.Sc., QP, 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.

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08550582

CHAIN OF CUSTODY RECORD
ENV COC - 00015v3

C532392_COC

Invoice Information	Invoice to (requires report) ☐	Report Information (if differs from invoice)		Project Information	
Company:	Fortis	Company:	Hatfield Consultants and Fortis	Quotation #:	
Contact Name:	Danielle Samels	Contact Name:	Jenn Choyce, Ravi	P.O. #/ AFE#:	4800010213
Street Address:		Street Address:		Project #:	FORTIS11234
City:	Prov: Postal Code:	City:	Prov: Postal Code:	Site #:	
Phone:	778-875-4505	Phone:	778-954-7029	Site Location:	
Email:	Danielle.samels@fortisbc.com	Email:	danielle.samels@fortisbc.com	Site Location Province:	Woodfibre pipeline project
Copies:		Copies:	jchoyce@hatfieldgroup.com	Sampled By:	

Regulatory Criteria

☐ BC CSR ☐ CCME ☐ Drinking Water
☐ YUKON CSR ☐ BC Water Quality ☐ Other: _____

SAMPLES MUST BE KEPT COOL (<10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO BUREAU VERITAS

Regular Turnaround Time (TAT)
☐ 5 to 7 Day ☐ 10 Day

Rush Turnaround Time (TAT) Surcharges apply
☐ Same Day ☐ 1 Day
☐ 2 Day ☐ 3 Day
☐ 4 Day

Date Required: YY MM DD

	Sample Identification	Date Sampled YY	MM	DD	Time (24hr) HH	MM	Matrix	FIELD FILTERED	FIELD PRESERVED	LAB FILTRATION REQUIRED	Hexavalent chromium	Total trivalent chromium	TSS	TDS	Nutrients (ammonia, ammonium, total nitrogen)	Total sulfide (low) (as H2S), bioavailable sulfide	Anions sum (Br, Cl, F, NO2, NO3, SO4)	General Parameters (alkalinity)	Dissolved metals	Dissolved mercury	Total metals	Total mercury	TOC and DOC	Glycols	EPH 10-19 and PAHs	VOCs and BTEX	Phenols	# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE	Comments
1	WLNG EOP	25	04	08	09	15	Water				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	19		10.5°C / 205.3 µS/cm / 7.09 pH
2	BC Rail EOP	25	04	08	—	—	Water																					—		NA
3	EAS US	25	04	08	08	50	Water					X	X	X	X	X	X	X	X	X	X	X	X	X	V			13		8.8°C / 66.5 µS/cm / 7.16 pH
4	EAS DS	25	04	08	09	45	Water					X	X	X	X	X	X	X	X	X	X	X	X	X	X			13		8.0°C / 81.7 µS/cm / 7.18 pH
5	SQU US	25	04	08	13	40	Water					X	X	X	X	X	X	X	X	X	X	X	X	X	X			13		6.2°C / 55 µS/cm / 5.68 pH
6	SQU DS	25	04	08	14	09	Water					X	X	X	X	X	X	X	X	X	X	X	X	X	X			13		5.5°C / 40 µS/cm / 5.96 pH
7	Duplicate	25	04	08	09	25	Water				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	19		same as WLNG EOP
8	Trip Blank	25	04	08	—	—	Water						X	X	X	X	X	X	X	X	X	X	X					13		—
9	Field Blank	25	04	08	14	40	Water						X	X	X	X	X	X	X	X	X	X	X					13		—
10																														
11																														
12																														

LAB USE ONLY	Yes	No	°C	1	2	3
Seal present			SEE ACTR			
Seal intact						
Cooling media present						

LAB USE ONLY	Yes	No	°C	1	2	3
Seal present						
Seal intact						
Cooling media present						

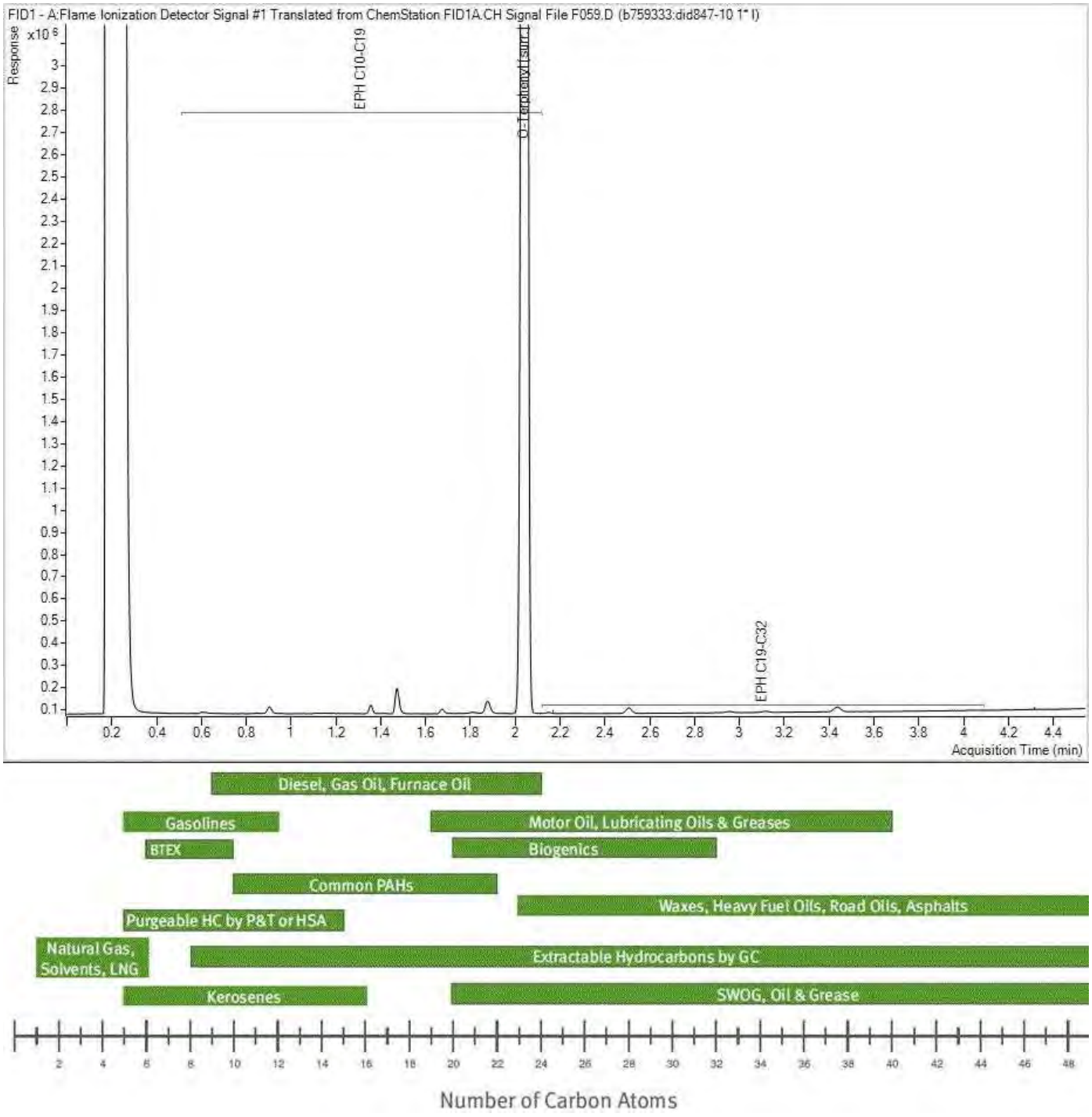
LAB USE ONLY	Yes	No	°C	1	2	3
Seal present						
Seal intact						
Cooling media present						

Temperature reading by: 1 2 3

	Relinquished by: (Signature/ Print)	Date YY	MM	DD	Time HH	MM	Received by: (Signature/ Print)	Date YY	MM	DD	Time HH	MM	Special Instructions
1	Arian Tavaji Zadeh	25	04	08	15	30	ANNIE BABAO	2025	04	08	17	23	
2													

+ Q01
Q02
Q03

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: W102979

Project Information:	C532392
Job Received:	2025/04/16 17:04
Expected TAT:	Standard TAT
Expected Arrival:	2025/04/16 16:51
Submitted By:	Jennifer Choyce
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
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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	CSR VOC + VPH in Water	LEPH & HEPH with CSR/CCME PAH in Water	Woodfibre 2025	Glycols in Water by GC/FID	Phenols (4-AAP)	Rainbow Trout LC50 Multi-concentration	Set Number
WLNG EOP	1	2025/04/15 10:15	WATER	18	A	A	A	A	A	A	1
EAS US	2	2025/04/15 10:05	WATER	14			A				2
EAS DS	3	2025/04/15 10:27	WATER	14			A				2
SQU US	4	2025/04/15 01:45	WATER	14			A				2
SQU DS	5	2025/04/15 14:12	WATER	14			A				2
TRIP BLANK	6	2025/04/15	WATER	14			A				2
FIELD BLANK	7	2025/04/15 10:05	WATER	18	A	A	A	A	A		3
Q01	8	2025/04/15 10:55	WATER	14			A				2
Q02	9	2025/04/15 10:38	WATER	14			A				2
Q03	10	2025/04/15 10:19	WATER	14			A				2

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

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Submission Information

# of Samples: 10

Details:

WLNG EOP - pH, temp, cond, FRNU
EAS US - pH, temp, cond, FRNU
EAS DS - pH, temp, cond, FRNU

SQU US - pH, temp, cond, FRNU
SQU DS - pH, temp, cond, FRNU

Q01 - pH 6.43, temp, cond 59.3, NTU 0.00
Q02 - pH 6.57, temp, cond 176.2, NTU 4.80
Q03 - pH 6.94, temp, cond 189.0, NTU 9.26

Sample Set Listing

Set 1 (1 sample)	Set 2 (8 samples)	Set 3 (1 sample)
WLNG EOP	EAS US	FIELD BLANK
	EAS DS	
	SQU US	
	SQU DS	
	TRIP BLANK	
	Q01	
	Q02	
	Q03	