Eagle Mountain - Woodfibre Gas Pipeline Project

BCER Waste Discharge Permit Weekly Report

Contents

Preamble

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

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

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

Introduction

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

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

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

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	2025-05-27	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix B.

Table 5: Downstream Monitoring Information

Location	Date of Lab Sample	Real Time Monitored	Results
Squamish River Downstream	2025-05-27	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. SQU DS turbidity showed some infrequent and short-term spikes on May 27 (with one large spike over 6000 NTU), and with several periods on May 28 (up to 2000 NTU). There is currently no site discharge, so the cause of the turbidity is either localized turbidity source or waters that are not reaching the US probe are reaching the DS probe (different currents in

the river). Missed readings from the U/S sonde include pH for one reading on the following days: May 27th, May 29th, and May 20th, 2025.

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.
- On May 27th, the weekly EOP grab sample (0.000229 mg/L) exceeded the dissolved copper BC WQGFAL of 0.0002 mg/L by a factor of 1.15 times; because this guideline is derived with an uncertainty factor of 2, the potential for risk to aquatic life from D-Cu in discharge is considered negligible. Review of the D-Cu in the receiving environment showed that concentrations were naturally elevated in East Creek and were approximately 3x higher upstream (WLNG US 0.000617 mg/L) compared to the EOP concentration. The D-Cu concentration at the WLNG DS (0.000433 mg/L) was lower than the upstream concentration. Therefore, while the D-Cu EOP is required to be reported, it appears to be much lower than natural D-Cu concentrations within East Creek on May 27, and therefore does not appear to pose additional toxicological risk to aquatic receptors. This is supported by acute *Daphnia magna* toxicity testing results of EOP grab sample collected the same day as water chemistry.

Discharge from Water Treatment Plant

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

Table 6: Discharges from Water Treatment System

Location	Date of Discharge	Real Time Monitored and Daily Monitoring	Discharge Volume
Woodfibre	2025-05-26	Yes-Appendix C	2,468m^3
Woodfibre	2025-05-27	Yes-Appendix C	2,451m^3
Woodfibre	2025-05-28	Yes-Appendix C	2,560m^3
Woodfibre	2025-05-29	Yes-Appendix C	2,666m^3
Woodfibre	2025-05-30	Yes-Appendix C	2,719m^3
Woodfibre	2025-05-31	Yes-Appendix C	2,500m^3
Woodfibre	2025-06-01	Yes-Appendix C	2,538m^3

*Max discharge is 1500m3/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	2025-05-27	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix D.

Table 8: Downstream Monitoring Information

	Date of Lab Sample	Real Time Monitored	Results
East Creek Downstream	2025-05-27	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 WLNG US, infrequent and short-term spikes in turbidity were seen in the WLNG US on May 26, 29, and 31st, with much smaller spikes observed during these times at WLNG DS. The DS turbidity remained below the BC long-term WQGFAL during the week. Missed readings from the U/S sonde include pH for one reading on May 30th, 2025.

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

No Discharge

BCR Site Batch Sample Analysis
No Discharge

BCR Site WTP Discharge Field Notes and Logs
No Discharge

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 [1,2]	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1,2]	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1,2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average [1,2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max [1,2]	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average [1,2]	SQU US 2025-05-27 14:06:00[3]	SQU DS 2025-05-27 14:30:00[3]
In situ Parameters									
Field pH	pH Units	6.5 - 9			7 - 8.7			**6.27**	**6.6**
Field Temperature	°C	18	19					10.6	10.4
General Parameters									
pH	pH Units							6.55	6.57
Alkalinity (Total as $CaCO_3$)	mg/L							9.5	9.1
Alkalinity (PP as $CaCO_3$)	mg/L							<1	<1
Hardness ($CaCO_3$)-Total	mg/L							10.6	10.7
Hardness ($CaCO_3$)-Dissolved	mg/L							11.2	11
Sulphide-Total	mg/L							<0.0018	<0.0018
Sulphide (as H2S)	mg/L			0.002				<0.002	<0.002
Un-ionized Hydrogen Sulfide as H2S-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	1.82	24.5		20	131		0.018	<0.015
Bicarbonate (HCO_3)	mg/L							12	11
Carbonate (CO_3)	mg/L							<1	<1
Hydroxide (OH)	mg/L							<1	<1
Nitrate (N)	mg/L	3	32.8		3.7			0.028	0.026
Nitrite (N)	mg/L	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	mg/L							0.028	0.026
Nitrogen (N)-Total	mg/L							0.095	0.107
Phosphorus (P)-Total (4500-P)	mg/L							0.037	0.022
Bromide (Br)	mg/L							<0.01	<0.01
Chloride (Cl)	mg/L	150	600					<1	<1
Fluoride (F)	mg/L		0.432			1.5		<0.05	<0.05
Sulphate (SO_4)-Dissolved	mg/L	128						2.3	2.2
Total Metals									
Aluminum (Al)-Total	mg/L	0.017268						**0.272**	**0.321**
Antimony (Sb)-Total	mg/L	0.074	0.25					<0.00002	<0.00002
Arsenic (As)-Total	mg/L	0.005			0.0125			0.000107	0.000105
Barium (Ba)-Total	mg/L			1				0.00813	0.00906
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	<0.000005	0.0000053
Calcium (Ca)-Total	mg/L							3.57	3.56
Cesium (Cs)-Total	mg/L							<0.00005	<0.00005
Chromium (Cr)-Total	mg/L							0.00022	0.00019
Chromium III-Total	mg/L							<0.00099	<0.00099
Chromium (Cr VI)-Total	mg/L			0.0025			0.0015	<0.00099	<0.00099
Cobalt (Co)-Total	mg/L	0.000389	0.11					0.000144	0.000167
Copper (Cu)-Total	mg/L				0.002	0.003		0.00118	0.00125
Iron (Fe)-Total	mg/L		1					0.27	0.309
Lead (Pb)-Total	mg/L				0.002	0.14		0.000061	0.000065
Lithium (Li)-Total	mg/L							<0.0005	0.00063
Magnesium (Mg)-Total	mg/L							0.41	0.44
Manganese (Mn)-Total	mg/L	0.652	0.657				0.1	0.00808	0.00921
Mercury (Hg)-Total	mg/L	0.00002			0.00002			<0.0000019	<0.0000019
Molybdenum (Mo)-Total	mg/L	7.6	46					0.000404	0.000356
Nickel (Ni)-Total	mg/L						0.0083	0.00018	0.00019
Phosphorus (P)-Total (ICPMS)	mg/L							0.0188	0.0197
Potassium (K)-Total	mg/L							0.36	0.4
Rubidium (Rb)-Total	mg/L							0.000808	0.00093
Selenium (Se)-Total	mg/L	0.002			0.002			<0.00004	<0.00004
Silicon (Si)-Total	mg/L							2.78	2.71
Silver (Ag)-Total	mg/L	0.00012				0.0037	0.0005	<0.00001	<0.00001
Sodium (Na)-Total	mg/L							1.01	1.01
Strontium (Sr)-Total	mg/L							0.0217	0.0216
Sulphur (S)-Total	mg/L							<3	<3
Tellurium (Te)-Total	mg/L							<0.00002	<0.00002
Thallium (Tl)-Total	mg/L			0.00003				0.000003	0.0000038
Thorium (Th)-Total	mg/L							<0.00005	<0.00005
Tin (Sn)-Total	mg/L							<0.0002	<0.0002
Titanium (Ti)-Total	mg/L							0.0141	0.0182
Uranium (U)-Total	mg/L		0.0165	0.0075				0.000037	0.0000437
Vanadium (V)-Total	mg/L			0.06			0.005	0.00114	0.00123
Zinc (Zn)-Total	mg/L				0.01	0.055		0.0014	0.0017
Zirconium (Zr)-Total	mg/L							<0.0001	<0.0001
Dissolved Metals									
Aluminum (Al)-Dissolved	mg/L							0.294	0.331
Antimony (Sb)-Dissolved	mg/L							<0.00002	<0.00002
Arsenic (As)-Dissolved	mg/L							0.00011	0.000114
Barium (Ba)-Dissolved	mg/L							0.00907	0.00972
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	0.000041	0.000058					0.0000061	<0.000005
Calcium (Ca)-Dissolved	mg/L							3.76	3.64
Cesium (Cs)-Dissolved	mg/L							<0.00005	<0.00005
Chromium (Cr)-Dissolved	mg/L							0.00015	0.00019
Cobalt (Co)-Dissolved	mg/L							0.000159	0.000191
Copper (Cu)-Dissolved	mg/L	0.0002	0.0002					**0.00123**	**0.00134**
Iron (Fe)-Dissolved	mg/L		0.35					0.298	0.331
Lead (Pb)-Dissolved	mg/L	0.001523						0.0000558	0.000057
Lithium (Li)-Dissolved	mg/L							0.00063	0.00072
Manganese (Mn)-Dissolved	mg/L							0.00922	0.0106
Magnesium (Mg)-Dissolved	mg/L							0.452	0.461
Mercury (Hg)-Dissolved	mg/L							<0.0000019	0.0000022
Molybdenum (Mo)-Dissolved	mg/L							0.000398	0.000375
Nickel (Ni)-Dissolved	mg/L	0.0006	0.0092					0.000162	0.000202
Phosphorus (P)-Dissolved	mg/L							0.0195	0.025
Potassium (K)-Dissolved	mg/L							0.394	0.422

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1] [2]	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1] [2]	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1] [2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average [1] [2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max [1] [2]	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average [1] [2]	SQU US 2025-05-27 14:06:00[3]	SQU DS 2025-05-27 14:30:00[3]
Rubidium (Rb)-Dissolved	mg/L							0.000824	0.001
Selenium (Se)-Dissolved	mg/L							<0.00004	<0.00004
Silicon (Si)-Dissolved	mg/L							3.15	3
Silver (Ag)-Dissolved	mg/L							<0.000005	<0.000005
Sodium (Na)-Dissolved	mg/L							1.11	1.04
Strontium (Sr)-Dissolved	mg/L			1.25				0.0229	0.0221
Sulphur (S)-Dissolved	mg/L							<3	<3
Tellurium (Te)-Dissolved	mg/L							<0.00002	<0.00002
Thallium (Tl)-Dissolved	mg/L							0.0000021	0.0000034
Thorium (Th)-Dissolved	mg/L							<0.00005	<0.00005
Tin (Sn)-Dissolved	mg/L							<0.0002	<0.0002
Titanium (Ti)-Dissolved	mg/L							0.0163	0.0207
Uranium (U)-Dissolved	mg/L							0.0000408	0.0000449
Vanadium (V)-Dissolved	mg/L							0.00124	0.00137
Zinc (Zn)-Dissolved	mg/L	0.005325	0.008166					0.00154	0.00138
Zirconium (Zr)-Dissolved	mg/L							<0.0001	<0.0001
Inorganics									
Organic Carbon (C)-Total	mg/L							1.5	1.4
Organic Carbon (C)-Dissolved	mg/L							1.4	1.4
Solids-Total Dissolved	mg/L							18	16
Solids-Total Suspended	mg/L	25	45					20	22

[1] Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as $CaCO_3$) – total, Dissolved Organic Carbon (DOC), Total Alkalinity ($CaCO_3$), and Chloride).

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

[3] Bold text denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per [1] and [2] above. Note: Not all exceedances are project related.

BCR Site Receiving Environment Field Notes and Logs

Water Quality Field Data Sheet

Water Quality Field Data Sheet

Project: FORTIS11234

Hatfield

Location Information

Site ID: SQRI DS

Site Name: BCR - Squamish River

Site UTM: Zone:

(NAD83)

E: 123°9'54.351

N: 49°43'30.929

Date: May 27, 2025

Time: 14:30

Crew: Will Sheawin

Weather: Clear Foggy Cloudy Rain Snow Windy -WS

In Situ Parameters

pH: 6.60

Temp.: 10.4 (°C)

Turbidity: 24.8 NTU

DO: (mg/L)

Cond: 41 (us)

Visible Sheen: Y (N)

Water Surface Condition: Clear Turbid Foaming Ice

Photo Record

Photo

Photo

Photo

Observations

High Flow, Bank under cut

Water Quality Field Data Sheet

Project: FORTIS11234

Hatfield

Location Information

Site ID: SQRI - US

Site Name: BCR - Squamish River

Site UTM: Zone:

(NAD83) E: 123° 9' 49.493

N: 49° 43' 36.524"

Date: May 27, 2025

Time: 14:06

Crew: Will Sheawin

Weather: (Clear) Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH: 6.27

Temp.: 10.6 (°C)

Turbidity: 14.8 NTU

DO: _____ (mg/L)

Cond: 35 (us)

Visible Sheen: Y / (N)

Water Surface Condition: (Clear) Turbid Foaming Ice

Photo Record

Photo

Photo

Photo

Photo

Observations

High slow

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-05-26 00:00:00	8.82	34.05	0.21	7.21	10.47	8.61
SQU-DS	2025-05-26 00:15:00	8.76	33.84	0.22	7.19	10.50	9.73
SQU-DS	2025-05-26 00:30:00	8.70	33.74	0.18	7.18	10.51	8.61
SQU-DS	2025-05-26 00:45:00	8.64	33.33	0.20	7.19	10.56	10.17
SQU-DS	2025-05-26 01:00:00	8.57	33.15	0.22	7.20	10.57	9.64
SQU-DS	2025-05-26 01:15:00	8.50	32.85	0.22	7.21	10.58	7.57
SQU-DS	2025-05-26 01:30:00	8.44	32.57	0.21	7.20	10.61	6.33
SQU-DS	2025-05-26 01:45:00	8.39	32.30	0.21	7.21	10.63	10.03
SQU-DS	2025-05-26 02:00:00	8.30	32.01	0.21	7.22	10.65	7.91
SQU-DS	2025-05-26 02:15:00	8.23	31.71	0.22	7.20	10.67	9.31
SQU-DS	2025-05-26 02:30:00	8.17	31.73	0.19	7.19	10.69	7.78
SQU-DS	2025-05-26 02:45:00	8.12	31.35	0.21	7.19	10.71	9.15
SQU-DS	2025-05-26 03:00:00	8.08	31.15	0.22	7.21	10.73	8.71
SQU-DS	2025-05-26 03:15:00	8.00	30.89	0.22	7.18	10.75	10.80
SQU-DS	2025-05-26 03:30:00	7.95	30.68	0.21	7.19	10.76	9.14
SQU-DS	2025-05-26 03:45:00	7.89	30.46	0.21	7.18	10.78	14.56
SQU-DS	2025-05-26 04:00:00	7.84	30.50	0.21	7.18	10.79	9.26
SQU-DS	2025-05-26 04:15:00	7.79	30.40	0.22	7.20	10.80	9.29
SQU-DS	2025-05-26 04:30:00	7.75	30.53	0.19	7.19	10.80	8.62
SQU-DS	2025-05-26 04:45:00	7.71	30.67	0.21	7.18	10.81	11.07
SQU-DS	2025-05-26 05:00:00	7.66	30.83	0.22	7.18	10.83	8.58
SQU-DS	2025-05-26 05:15:00	7.60	30.72	0.23	7.17	10.84	7.22
SQU-DS	2025-05-26 05:30:00	7.57	30.83	0.19	7.17	10.84	39.90
SQU-DS	2025-05-26 05:45:00	7.56	31.01	0.19	7.15	10.84	8.45
SQU-DS	2025-05-26 06:00:00	7.52	30.86	0.20	7.20	10.85	7.60
SQU-DS	2025-05-26 06:15:00	7.48	30.55	0.21	7.15	10.88	10.29
SQU-DS	2025-05-26 06:30:00	7.50	30.81	0.18	7.17	10.86	6.66
SQU-DS	2025-05-26 06:45:00	7.48	30.46	0.20	7.17	10.84	8.14
SQU-DS	2025-05-26 07:00:00	7.47	30.21	0.21	7.17	10.87	9.86
SQU-DS	2025-05-26 07:15:00	7.47	30.03	0.22	7.18	10.89	9.66
SQU-DS	2025-05-26 07:30:00	7.44	29.78	0.20	7.18	10.92	9.25
SQU-DS	2025-05-26 07:45:00	7.44	29.54	0.20	7.17	10.93	10.75
SQU-DS	2025-05-26 08:00:00	7.42	29.47	0.20	7.19	10.85	14.07
SQU-DS	2025-05-26 08:15:00	7.41	29.39	0.21	7.18	10.88	14.54
SQU-DS	2025-05-26 08:30:00	7.41	29.27	0.18	7.20	10.96	12.31
SQU-DS	2025-05-26 08:45:00	7.40	29.11	0.20	7.18	10.97	15.01
SQU-DS	2025-05-26 09:00:00	7.41	29.11	0.21	7.20	10.99	10.15
SQU-DS	2025-05-26 09:15:00	7.41	29.23	0.22	7.19	11.00	13.61
SQU-DS	2025-05-26 09:30:00	7.42	29.25	0.21	7.20	10.97	15.04
SQU-DS	2025-05-26 09:45:00	7.41	29.05	0.20	7.22	10.75	10.37
SQU-DS	2025-05-26 10:00:00	7.43	29.10	0.21	7.21	11.00	13.01
SQU-DS	2025-05-26 10:15:00	7.45	29.11	0.21	7.21	11.00	14.44
SQU-DS	2025-05-26 10:30:00	7.46	29.51	0.18	7.20	10.97	15.14
SQU-DS	2025-05-26 10:45:00	7.45	29.47	0.20	7.19	11.01	12.00

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-05-26 11:00:00	7.49	29.45	0.21	7.20	11.02	15.19
SQU-DS	2025-05-26 11:15:00	7.53	29.48	0.22	7.21	11.05	15.11
SQU-DS	2025-05-26 11:30:00	7.56	29.60	0.22	7.20	11.04	12.83
SQU-DS	2025-05-26 11:45:00	7.59	29.40	0.21	7.20	11.07	10.83
SQU-DS	2025-05-26 12:00:00	7.62	29.52	0.21	7.22	11.06	13.00
SQU-DS	2025-05-26 12:15:00	7.64	29.34	0.22	7.21	11.01	10.38
SQU-DS	2025-05-26 12:30:00	7.69	29.03	0.19	7.23	11.05	14.90
SQU-DS	2025-05-26 12:45:00	7.78	29.37	0.21	7.24	11.08	11.13
SQU-DS	2025-05-26 13:00:00	7.85	29.29	0.22	7.19	11.08	10.19
SQU-DS	2025-05-26 13:15:00	7.91	29.02	0.23	7.23	11.09	17.58
SQU-DS	2025-05-26 13:30:00	7.96	28.77	0.20	7.23	11.10	13.37
SQU-DS	2025-05-26 13:45:00	7.94	28.79	0.20	7.23	11.07	11.84
SQU-DS	2025-05-26 14:00:00	7.98	28.92	0.20	7.25	11.10	14.64
SQU-DS	2025-05-26 14:15:00	8.04	28.99	0.21	7.25	11.09	13.02
SQU-DS	2025-05-26 14:30:00	8.09	28.84	0.20	7.26	11.10	14.30
SQU-DS	2025-05-26 14:45:00	8.11	29.04	0.20	7.24	11.11	14.70
SQU-DS	2025-05-26 15:00:00	8.09	28.99	0.21	7.26	11.10	19.34
SQU-DS	2025-05-26 15:15:00	8.08	29.10	0.22	7.26	11.12	16.55
SQU-DS	2025-05-26 15:30:00	8.11	29.24	0.18	7.25	11.01	11.30
SQU-DS	2025-05-26 15:45:00	8.20	29.36	0.19	7.22	11.08	19.51
SQU-DS	2025-05-26 16:00:00	8.27	29.18	0.20	7.27	11.07	20.90
SQU-DS	2025-05-26 16:15:00	8.34	29.03	0.21	7.26	11.08	21.10
SQU-DS	2025-05-26 16:30:00	8.37	28.89	0.20	7.25	10.97	20.69
SQU-DS	2025-05-26 16:45:00	8.40	28.68	0.21	7.25	10.94	23.83
SQU-DS	2025-05-26 17:00:00	8.43	28.66	0.21	7.24	10.93	23.74
SQU-DS	2025-05-26 17:15:00	8.44	28.41	0.22	7.16	10.96	27.84
SQU-DS	2025-05-26 17:30:00	8.43	28.25	0.18	7.26	10.36	30.50
SQU-DS	2025-05-26 17:45:00	8.39	28.10	0.18	7.25	10.69	35.75
SQU-DS	2025-05-26 18:00:00	8.31	27.89	0.20	7.21	10.87	36.72
SQU-DS	2025-05-26 18:15:00	8.27	27.60	0.20	7.25	10.17	27.64
SQU-DS	2025-05-26 18:30:00	8.23	27.48	0.17	7.28	11.01	36.95
SQU-DS	2025-05-26 18:45:00	8.18	27.40	0.20	7.24	11.09	37.79
SQU-DS	2025-05-26 19:00:00	8.18	27.81	0.21	7.26	11.06	57.33
SQU-DS	2025-05-26 19:15:00	8.14	27.44	0.21	7.25	11.07	34.44
SQU-DS	2025-05-26 19:30:00	8.12	27.40	0.17	7.25	10.89	37.62
SQU-DS	2025-05-26 19:45:00	8.10	27.77	0.18	7.23	11.02	40.31
SQU-DS	2025-05-26 20:00:00	8.06	27.26	0.19	7.22	11.07	37.03
SQU-DS	2025-05-26 20:15:00	8.03	27.34	0.20	7.14	11.05	45.80
SQU-DS	2025-05-26 20:30:00	7.97	27.26	0.17	7.21	11.02	38.16
SQU-DS	2025-05-26 20:45:00	7.94	27.05	0.19	7.20	11.04	40.77
SQU-DS	2025-05-26 21:00:00	7.91	27.23	0.20	7.17	11.02	53.66
SQU-DS	2025-05-26 21:15:00	7.85	26.95	0.21	7.19	11.05	30.84
SQU-DS	2025-05-26 21:30:00	7.81	27.02	0.16	7.15	10.20	40.98
SQU-DS	2025-05-26 21:45:00	7.76	26.72	0.18	7.14	9.54	27.82

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-05-26 22:00:00	7.72	26.84	0.18	7.17	8.81	34.08
SQU-DS	2025-05-26 22:15:00	7.68	26.73	0.19	7.18	8.76	30.40
SQU-DS	2025-05-26 22:30:00	7.64	26.68	0.17	7.19	10.77	35.79
SQU-DS	2025-05-26 22:45:00	7.59	26.62	0.19	7.18	11.06	32.59
SQU-DS	2025-05-26 23:00:00	7.54	26.51	0.20	7.17	11.07	33.99
SQU-DS	2025-05-26 23:15:00	7.49	26.38	0.21	7.15	11.08	37.46
SQU-DS	2025-05-26 23:30:00	7.45	26.40	0.14	7.16	10.69	27.29
SQU-DS	2025-05-26 23:45:00	7.42	26.22	0.17	7.13	10.70	34.68
SQU-DS	2025-05-27 00:00:00	7.37	26.06	0.18	7.16	10.44	25.00
SQU-DS	2025-05-27 00:15:00	7.30	26.20	0.19	7.14	10.46	32.52
SQU-DS	2025-05-27 00:30:00	7.28	25.82	0.17	7.16	11.05	25.24
SQU-DS	2025-05-27 00:45:00	7.22	25.89	0.18	7.13	11.14	27.87
SQU-DS	2025-05-27 01:00:00	7.18	25.66	0.19	7.07	11.08	30.21
SQU-DS	2025-05-27 01:15:00	7.14	25.47	0.20	7.07	11.13	21.44
SQU-DS	2025-05-27 01:30:00	7.08	25.52	0.15	7.16	9.95	29.10
SQU-DS	2025-05-27 01:45:00	7.04	25.39	0.17	7.14	8.09	21.73
SQU-DS	2025-05-27 02:00:00	6.99	25.27	0.19	7.14	6.62	32.42
SQU-DS	2025-05-27 02:15:00	6.97	25.30	0.19	7.15	4.76	21.58
SQU-DS	2025-05-27 02:30:00	6.92	25.36	0.18	7.27	9.84	31.79
SQU-DS	2025-05-27 02:45:00	6.90	25.32	0.19	7.20	10.84	25.91
SQU-DS	2025-05-27 03:00:00	6.86	25.38	0.20	7.12	10.44	19.99
SQU-DS	2025-05-27 03:15:00	6.81	25.24	0.21	7.07	10.33	16.27
SQU-DS	2025-05-27 03:30:00	6.79	23.20	0.17	7.13	10.92	18.90
SQU-DS	2025-05-27 03:45:00	6.77	22.80	0.18	7.03	11.21	20.24
SQU-DS	2025-05-27 04:00:00	6.74	22.64	0.19	7.14	11.21	17.80
SQU-DS	2025-05-27 04:15:00	6.71	22.57	0.20	7.10	11.25	22.32
SQU-DS	2025-05-27 04:30:00	6.66	25.30	0.18	6.91	10.87	33.53
SQU-DS	2025-05-27 04:45:00	6.63	25.30	0.19	7.00	10.22	22.37
SQU-DS	2025-05-27 05:00:00	6.60	25.40	0.20	6.95	9.80	35.19
SQU-DS	2025-05-27 05:15:00	6.57	25.52	0.21	6.89	9.35	22.73
SQU-DS	2025-05-27 05:30:00	6.57	25.48	0.20	6.80	9.85	19.20
SQU-DS	2025-05-27 05:45:00	6.53	25.51	0.20	6.69	8.85	26.30
SQU-DS	2025-05-27 06:00:00	6.52	25.68	0.21	6.64	9.17	23.73
SQU-DS	2025-05-27 06:15:00	6.49	25.84	0.21	6.64	9.52	17.10
SQU-DS	2025-05-27 06:30:00	6.50	36.04	0.23	6.70	9.28	13.99
SQU-DS	2025-05-27 06:45:00	6.50	37.03	0.24	6.63	8.96	19.28
SQU-DS	2025-05-27 07:00:00	6.50	35.91	0.24	6.60	9.11	16.00
SQU-DS	2025-05-27 07:15:00	6.50	35.10	0.24	6.62	9.64	15.54
SQU-DS	2025-05-27 07:30:00	6.52	26.01	0.25	6.57	7.77	6529.80
SQU-DS	2025-05-27 07:45:00	6.54	25.89	0.26	6.59	8.32	23.00
SQU-DS	2025-05-27 08:00:00	6.54	25.99	0.26	6.61	8.78	24.36
SQU-DS	2025-05-27 08:15:00	6.55	26.02	0.26	6.62	6.86	18.72
SQU-DS	2025-05-27 08:30:00	6.55	26.11	0.26	6.67	7.10	43.19
SQU-DS	2025-05-27 08:45:00	6.58	26.30	0.24	6.68	7.02	43.99

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-05-27 09:00:00	6.59	26.16	0.24	6.68	6.52	51.43
SQU-DS	2025-05-27 09:15:00	6.60	26.30	0.24	6.67	5.95	50.74
SQU-DS	2025-05-27 09:30:00	6.63	26.38	0.25	6.63	5.30	19.31
SQU-DS	2025-05-27 09:45:00	6.65	26.44	0.26	6.62	4.66	18.02
SQU-DS	2025-05-27 10:00:00	6.67	26.69	0.26	6.62	5.27	23.02
SQU-DS	2025-05-27 10:15:00	6.70	26.77	0.27	6.60	2.76	23.69
SQU-DS	2025-05-27 10:30:00	6.73	25.17	0.24	6.60	2.33	17.65
SQU-DS	2025-05-27 10:45:00	6.77	25.37	0.25	6.59	1.41	21.26
SQU-DS	2025-05-27 11:00:00	6.81	25.39	0.24	6.56	1.21	18.31
SQU-DS	2025-05-27 11:15:00	6.86	25.28	0.25	6.54	0.82	15.36
SQU-DS	2025-05-27 11:30:00	6.91	27.18	0.23	6.51	0.81	11.28
SQU-DS	2025-05-27 11:45:00	7.01	27.23	0.24	6.49	0.68	14.16
SQU-DS	2025-05-27 12:00:00	7.09	27.26	0.24	6.48	0.45	12.48
SQU-DS	2025-05-27 12:15:00	7.16	27.29	0.24	6.47	0.38	15.63
SQU-DS	2025-05-27 12:30:00	7.23	25.82	0.23	6.47	0.27	168.86
SQU-DS	2025-05-27 12:45:00	7.35	25.84	0.24	6.48	0.26	22.34
SQU-DS	2025-05-27 13:00:00	7.46	25.79	0.24	6.48	0.21	16.51
SQU-DS	2025-05-27 13:15:00	7.56	25.63	0.25	6.47	0.18	15.34
SQU-DS	2025-05-27 13:30:00	7.63	27.45	0.25	6.44	0.15	67.93
SQU-DS	2025-05-27 13:45:00	7.74	27.59	0.24	6.44	0.12	75.07
SQU-DS	2025-05-27 14:00:00	7.87	27.52	0.25	6.44	0.11	87.54
SQU-DS	2025-05-27 14:15:00	7.99	27.40	0.25	6.44	0.10	92.44
SQU-DS	2025-05-27 14:30:00	8.09	25.94	0.22	6.43	0.08	18.33
SQU-DS	2025-05-27 14:45:00	8.17	26.06	0.24	6.42	0.08	20.05
SQU-DS	2025-05-27 15:00:00	8.24	26.03	0.25	6.41	0.08	23.44
SQU-DS	2025-05-27 15:15:00	8.33	26.06	0.25	6.40	0.07	17.28
SQU-DS	2025-05-27 15:30:00	8.42	27.74	0.24	6.39	0.06	21.74
SQU-DS	2025-05-27 15:45:00	8.51	27.80	0.24	6.38	0.08	24.99
SQU-DS	2025-05-27 16:00:00	8.59	27.74	0.24	6.37	0.07	51.26
SQU-DS	2025-05-27 16:15:00	8.66	27.91	0.24	6.35	0.05	48.04
SQU-DS	2025-05-27 16:30:00	8.72	26.45	0.21	6.33	0.05	19.26
SQU-DS	2025-05-27 16:45:00	8.80	26.08	0.24	6.32	0.05	16.42
SQU-DS	2025-05-27 17:00:00	8.86	26.19	0.24	6.31	0.06	21.32
SQU-DS	2025-05-27 17:15:00	8.93	26.14	0.25	6.31	0.05	19.31
SQU-DS	2025-05-27 17:30:00	8.98	27.79	0.24	6.31	0.05	15.51
SQU-DS	2025-05-27 17:45:00	9.03	27.68	0.24	6.31	0.06	16.82
SQU-DS	2025-05-27 18:00:00	9.06	27.68	0.25	6.30	0.07	27.53
SQU-DS	2025-05-27 18:15:00	9.08	27.59	0.24	6.30	0.06	42.42
SQU-DS	2025-05-27 18:30:00	9.10	26.05	0.23	6.31	0.04	17.01
SQU-DS	2025-05-27 18:45:00	9.11	25.98	0.24	6.31	0.05	17.79
SQU-DS	2025-05-27 19:00:00	9.12	25.88	0.25	6.30	0.06	14.13
SQU-DS	2025-05-27 19:15:00	9.13	25.98	0.25	6.29	0.06	15.26
SQU-DS	2025-05-27 19:30:00	9.15	27.71	0.24	6.26	0.05	23.53
SQU-DS	2025-05-27 19:45:00	9.16	28.30	0.23	6.25	0.05	32.56

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-05-27 20:00:00	9.20	28.87	0.23	6.25	0.02	47.77
SQU-DS	2025-05-27 20:15:00	9.22	29.13	0.23	6.24	0.03	85.26
SQU-DS	2025-05-27 20:30:00	9.20	27.71	0.22	6.23	0.03	17.68
SQU-DS	2025-05-27 20:45:00	9.15	27.90	0.24	6.23	0.02	17.52
SQU-DS	2025-05-27 21:00:00	9.12	28.55	0.25	6.23	0.02	35.61
SQU-DS	2025-05-27 21:15:00	9.09	28.98	0.25	6.23	0.02	27.51
SQU-DS	2025-05-27 21:30:00	9.05	31.46	0.24	6.23	0.03	22.50
SQU-DS	2025-05-27 21:45:00	8.99	31.29	0.23	6.23	0.01	40.78
SQU-DS	2025-05-27 22:00:00	8.95	32.02	0.23	6.23	0.02	42.04
SQU-DS	2025-05-27 22:15:00	8.91	31.92	0.23	6.23	0.01	71.22
SQU-DS	2025-05-27 22:30:00	8.87	30.27	0.21	6.23	0.01	18.36
SQU-DS	2025-05-27 22:45:00	8.84	30.34	0.22	6.24	0.01	18.76
SQU-DS	2025-05-27 23:00:00	8.79	30.35	0.23	6.26	0.02	16.40
SQU-DS	2025-05-27 23:15:00	8.72	29.95	0.24	6.28	0.02	22.87
SQU-DS	2025-05-27 23:30:00	8.66	31.05	0.24	6.30	0.02	30.65
SQU-DS	2025-05-27 23:45:00	8.59	30.86	0.23	6.32	0.02	45.75
SQU-DS	2025-05-28 00:00:00	8.53	30.81	0.23	6.33	0.01	52.10
SQU-DS	2025-05-28 00:15:00	8.47	30.42	0.23	6.34	0.00	58.39
SQU-DS	2025-05-28 00:30:00	8.42	29.94	0.22	6.35	0.00	25.31
SQU-DS	2025-05-28 00:45:00	8.33	29.52	0.23	6.36	0.00	26.76
SQU-DS	2025-05-28 01:00:00	8.27	29.05	0.23	6.36	0.00	31.87
SQU-DS	2025-05-28 01:15:00	8.19	28.78	0.23	6.36	0.00	32.21
SQU-DS	2025-05-28 01:30:00	8.11	28.98	0.23	6.36	0.00	22.29
SQU-DS	2025-05-28 01:45:00	8.02	28.65	0.22	6.36	0.00	77.56
SQU-DS	2025-05-28 02:00:00	7.96	28.61	0.22	6.36	0.00	94.01
SQU-DS	2025-05-28 02:15:00	7.90	28.54	0.22	6.35	0.00	129.02
SQU-DS	2025-05-28 02:30:00	7.81	27.81	0.20	6.35	0.00	97.44
SQU-DS	2025-05-28 02:45:00	7.74	27.56	0.21	6.35	0.00	73.61
SQU-DS	2025-05-28 03:00:00	7.67	27.48	0.22	6.34	0.00	59.86
SQU-DS	2025-05-28 03:15:00	7.60	27.32	0.22	6.34	0.00	459.87
SQU-DS	2025-05-28 03:30:00	7.53	27.76	0.21	6.33	0.00	248.13
SQU-DS	2025-05-28 03:45:00	7.47	27.52	0.21	6.33	0.00	255.43
SQU-DS	2025-05-28 04:00:00	7.39	27.95	0.21	6.32	0.00	302.90
SQU-DS	2025-05-28 04:15:00	7.33	27.55	0.20	6.31	0.00	429.07
SQU-DS	2025-05-28 04:30:00	7.28	27.02	0.20	6.29	0.00	387.44
SQU-DS	2025-05-28 04:45:00	7.22	26.88	0.20	6.27	0.00	202.28
SQU-DS	2025-05-28 05:00:00	7.15	26.77	0.20	6.25	0.00	168.16
SQU-DS	2025-05-28 05:15:00	7.10	26.62	0.21	6.24	0.00	180.90
SQU-DS	2025-05-28 05:30:00	7.05	27.19	0.21	6.24	0.00	187.56
SQU-DS	2025-05-28 05:45:00	7.00	27.72	0.20	6.24	0.00	208.90
SQU-DS	2025-05-28 06:00:00	6.94	28.50	0.19	6.24	0.00	216.97
SQU-DS	2025-05-28 06:15:00	6.91	28.13	0.19	6.24	0.00	242.65
SQU-DS	2025-05-28 06:30:00	6.88	27.56	0.18	6.23	0.00	227.85
SQU-DS	2025-05-28 06:45:00	6.84	27.10	0.19	6.24	0.00	141.14

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-05-28 07:00:00	6.81	27.08	0.20	6.24	0.00	128.10
SQU-DS	2025-05-28 07:15:00	6.80	27.04	0.20	6.26	0.00	210.26
SQU-DS	2025-05-28 07:30:00	6.81	27.49	0.20	6.28	0.00	463.85
SQU-DS	2025-05-28 07:45:00	6.81	27.39	0.20	6.30	0.00	388.03
SQU-DS	2025-05-28 08:00:00	6.84	27.08	0.18	6.31	0.00	401.80
SQU-DS	2025-05-28 08:15:00	6.86	27.00	0.18	6.33	0.00	339.38
SQU-DS	2025-05-28 08:30:00	6.87	27.11	0.17	6.35	0.00	121.86
SQU-DS	2025-05-28 08:45:00	6.90	26.68	0.19	6.37	0.00	99.28
SQU-DS	2025-05-28 09:00:00	6.95	26.94	0.22	6.38	0.00	99.99
SQU-DS	2025-05-28 09:15:00	6.99	26.72	0.21	6.39	0.00	102.76
SQU-DS	2025-05-28 09:30:00	7.04	27.30	0.21	6.40	0.00	313.28
SQU-DS	2025-05-28 09:45:00	7.10	27.46	0.19	6.40	0.00	222.84
SQU-DS	2025-05-28 10:00:00	7.15	27.36	0.18	6.40	0.00	212.84
SQU-DS	2025-05-28 10:15:00	7.22	27.41	0.18	6.40	0.00	204.03
SQU-DS	2025-05-28 10:30:00	7.29	27.58	0.18	6.40	0.00	145.34
SQU-DS	2025-05-28 10:45:00	7.37	27.88	0.20	6.41	0.00	119.04
SQU-DS	2025-05-28 11:00:00	7.43	28.44	0.21	6.41	0.00	101.77
SQU-DS	2025-05-28 11:15:00	7.50	29.37	0.22	6.41	0.00	80.83
SQU-DS	2025-05-28 11:30:00	7.58	27.60	0.21	6.41	0.00	185.99
SQU-DS	2025-05-28 11:45:00	7.67	27.59	0.19	6.40	0.00	184.99
SQU-DS	2025-05-28 12:00:00	7.76	27.47	0.18	6.39	0.00	185.21
SQU-DS	2025-05-28 12:15:00	7.86	27.44	0.18	6.39	0.00	180.36
SQU-DS	2025-05-28 12:30:00	7.99	26.94	0.18	6.39	0.00	127.77
SQU-DS	2025-05-28 12:45:00	8.09	28.12	0.19	6.39	0.00	85.87
SQU-DS	2025-05-28 13:00:00	8.21	28.14	0.18	6.39	0.00	126.34
SQU-DS	2025-05-28 13:15:00	8.33	27.62	0.18	6.38	0.00	120.01
SQU-DS	2025-05-28 13:30:00	8.46	28.49	0.18	6.38	0.00	114.68
SQU-DS	2025-05-28 13:45:00	8.60	27.78	0.16	6.37	0.00	113.27
SQU-DS	2025-05-28 14:00:00	8.73	27.71	0.17	6.37	0.00	109.99
SQU-DS	2025-05-28 14:15:00	8.83	27.89	0.17	6.36	0.00	119.26
SQU-DS	2025-05-28 14:30:00	8.98	28.58	0.16	6.36	0.00	100.22
SQU-DS	2025-05-28 14:45:00	9.09	29.03	0.15	6.37	0.00	100.76
SQU-DS	2025-05-28 15:00:00	9.17	29.56	0.15	6.37	0.00	93.66
SQU-DS	2025-05-28 15:15:00	9.24	30.24	0.15	6.37	0.00	89.74
SQU-DS	2025-05-28 15:30:00	9.30	28.50	0.14	6.37	0.00	260.77
SQU-DS	2025-05-28 15:45:00	9.37	28.24	0.14	6.36	0.00	297.67
SQU-DS	2025-05-28 16:00:00	9.42	28.19	0.14	6.36	0.00	299.41
SQU-DS	2025-05-28 16:15:00	9.44	28.16	0.14	6.35	0.00	435.07
SQU-DS	2025-05-28 16:30:00	9.49	27.93	0.15	6.35	0.00	92.58
SQU-DS	2025-05-28 16:45:00	9.55	29.00	0.15	6.36	0.00	95.48
SQU-DS	2025-05-28 17:00:00	9.61	28.37	0.14	6.37	0.00	104.84
SQU-DS	2025-05-28 17:15:00	9.66	28.94	0.14	6.36	0.00	103.17
SQU-DS	2025-05-28 17:30:00	9.75	29.18	0.13	6.36	0.00	1987.53
SQU-DS	2025-05-28 17:45:00	9.85	28.09	0.12	6.35	0.00	1647.73

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-05-28 18:00:00	9.95	28.02	0.12	6.35	0.00	1649.25
SQU-DS	2025-05-28 18:15:00	10.01	29.64	0.11	6.35	0.00	1354.69
SQU-DS	2025-05-28 18:30:00	10.09	27.94	0.11	6.35	0.00	144.77
SQU-DS	2025-05-28 18:45:00	10.18	27.53	0.11	6.34	0.00	155.12
SQU-DS	2025-05-28 19:00:00	10.22	26.28	0.12	6.32	0.00	150.85
SQU-DS	2025-05-28 19:15:00	10.25	25.64	0.13	6.29	0.00	157.33
SQU-DS	2025-05-28 19:30:00	10.26	26.40	0.12	6.27	0.00	243.31
SQU-DS	2025-05-28 19:45:00	10.25	28.88	0.11	6.27	0.00	1040.38
SQU-DS	2025-05-28 20:00:00	10.21	29.71	0.11	6.25	0.00	1092.34
SQU-DS	2025-05-28 20:15:00	10.16	27.86	0.10	6.24	0.00	1521.51
SQU-DS	2025-05-28 20:30:00	10.09	26.91	0.10	6.22	0.00	1457.69
SQU-DS	2025-05-28 20:45:00	10.02	26.82	0.11	6.20	0.00	700.34
SQU-DS	2025-05-28 21:00:00	9.93	25.95	0.11	6.19	0.00	441.18
SQU-DS	2025-05-28 21:15:00	9.81	26.12	0.10	6.20	0.00	314.12
SQU-DS	2025-05-28 21:30:00	9.67	27.06	0.10	6.20	0.00	134.84
SQU-DS	2025-05-28 21:45:00	9.53	27.28	0.09	6.21	0.00	131.64
SQU-DS	2025-05-28 22:00:00	9.40	24.72	0.09	6.21	0.00	128.86
SQU-DS	2025-05-28 22:15:00	9.26	25.22	0.08	6.21	0.00	123.25
SQU-DS	2025-05-28 22:30:00	9.17	24.70	0.09	6.22	0.00	220.25
SQU-DS	2025-05-28 22:45:00	9.01	25.22	0.10	6.22	0.00	215.21
SQU-DS	2025-05-28 23:00:00	8.90	24.78	0.12	6.21	0.00	207.82
SQU-DS	2025-05-28 23:15:00	8.80	24.77	0.13	6.22	0.00	205.10
SQU-DS	2025-05-28 23:30:00	8.71	23.07	0.14	6.22	0.00	69.61
SQU-DS	2025-05-28 23:45:00	8.62	23.32	0.13	6.23	0.00	67.65
SQU-DS	2025-05-29 00:00:00	8.49	23.23	0.13	6.23	0.00	65.86
SQU-DS	2025-05-29 00:15:00	8.43	23.52	0.14	6.24	0.00	65.11
SQU-DS	2025-05-29 00:30:00	8.36	21.44	0.16	6.24	0.00	108.64
SQU-DS	2025-05-29 00:45:00	8.26	21.16	0.19	6.23	0.00	105.61
SQU-DS	2025-05-29 01:00:00	8.14	21.05	0.20	6.25	0.00	103.20
SQU-DS	2025-05-29 01:15:00	8.07	20.80	0.22	6.23	0.00	100.92
SQU-DS	2025-05-29 01:30:00	7.97	21.32	0.22	6.22	0.00	21.17
SQU-DS	2025-05-29 01:45:00	7.92	23.84	0.22	6.22	0.00	21.07
SQU-DS	2025-05-29 02:00:00	7.86	24.23	0.23	6.22	0.00	21.20
SQU-DS	2025-05-29 02:15:00	7.78	22.93	0.25	6.22	0.00	21.30
SQU-DS	2025-05-29 02:30:00	7.71	23.14	0.24	6.22	0.00	47.44
SQU-DS	2025-05-29 02:45:00	7.65	21.27	0.25	6.22	0.00	46.30
SQU-DS	2025-05-29 03:00:00	7.59	20.10	0.26	6.23	0.00	43.46
SQU-DS	2025-05-29 03:15:00	7.52	20.85	0.26	6.24	0.00	42.43
SQU-DS	2025-05-29 03:30:00	7.47	20.46	0.25	6.25	0.00	14.18
SQU-DS	2025-05-29 03:45:00	7.43	21.65	0.25	6.27	0.00	13.99
SQU-DS	2025-05-29 04:00:00	7.39	21.14	0.25	6.28	0.00	14.20
SQU-DS	2025-05-29 04:15:00	7.37	22.13	0.25	6.29	0.00	14.07
SQU-DS	2025-05-29 04:30:00	7.30	23.03	0.25	6.29	0.00	32.45
SQU-DS	2025-05-29 04:45:00	7.32	22.14	0.26	6.28	0.00	33.16

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-05-29 05:00:00	7.29	21.61	0.26	6.28	0.00	33.14
SQU-DS	2025-05-29 05:15:00	7.29	20.30	0.26	6.27	0.00	33.03
SQU-DS	2025-05-29 05:30:00	7.30	19.10	0.25	6.28	0.00	11.03
SQU-DS	2025-05-29 05:45:00	7.25	19.97	0.24	6.29	0.00	10.92
SQU-DS	2025-05-29 06:00:00	7.20	20.43	0.24	6.29	0.00	11.04
SQU-DS	2025-05-29 06:15:00	7.20	19.95	0.24	6.29	0.00	10.73
SQU-DS	2025-05-29 06:30:00	7.20	20.11	0.24	6.29	0.00	27.05
SQU-DS	2025-05-29 06:45:00	7.17	18.61	0.23	6.30	0.00	26.68
SQU-DS	2025-05-29 07:00:00	7.14	18.22	0.23	6.31	0.00	26.70
SQU-DS	2025-05-29 07:15:00	7.17	17.99	0.23	6.30	0.00	26.61
SQU-DS	2025-05-29 07:30:00	7.17	18.94	0.22	6.28	0.00	10.48
SQU-DS	2025-05-29 07:45:00	7.13	19.25	0.22	6.28	0.00	10.34
SQU-DS	2025-05-29 08:00:00	7.18	19.13	0.22	6.27	0.00	10.28
SQU-DS	2025-05-29 08:15:00	7.16	19.18	0.22	6.27	0.00	10.25
SQU-DS	2025-05-29 08:30:00	7.17	19.73	0.22	6.28	0.00	22.30
SQU-DS	2025-05-29 08:45:00	7.18	19.24	0.21	6.28	0.00	20.27
SQU-DS	2025-05-29 09:00:00	7.15	18.50	0.22	6.28	0.00	20.36
SQU-DS	2025-05-29 09:15:00	7.16	18.28	0.22	6.28	0.00	20.17
SQU-DS	2025-05-29 09:30:00	7.16	19.63	0.21	6.28	0.00	6.84
SQU-DS	2025-05-29 09:45:00	7.15	19.37	0.20	6.27	0.00	7.01
SQU-DS	2025-05-29 10:00:00	7.14	19.45	0.21	6.27	0.00	6.99
SQU-DS	2025-05-29 10:15:00	7.15	19.51	0.21	6.27	0.00	7.00
SQU-DS	2025-05-29 10:30:00	7.15	19.53	0.21	6.25	0.00	19.28
SQU-DS	2025-05-29 10:45:00	7.18	18.80	0.21	6.24	0.00	17.59
SQU-DS	2025-05-29 11:00:00	7.17	18.42	0.21	6.24	0.00	17.80
SQU-DS	2025-05-29 11:15:00	7.17	18.22	0.22	6.24	0.00	17.80
SQU-DS	2025-05-29 11:30:00	7.18	19.82	0.21	6.23	0.00	5.48
SQU-DS	2025-05-29 11:45:00	7.21	19.86	0.20	6.24	0.00	5.40
SQU-DS	2025-05-29 12:00:00	7.25	19.27	0.21	6.24	0.00	5.40
SQU-DS	2025-05-29 12:15:00	7.35	20.15	0.21	6.24	0.00	5.36
SQU-DS	2025-05-29 12:30:00	7.48	21.56	0.21	6.25	0.00	15.05
SQU-DS	2025-05-29 12:45:00	7.59	20.63	0.21	6.25	0.00	14.06
SQU-DS	2025-05-29 13:00:00	7.64	19.93	0.21	6.25	0.00	15.27
SQU-DS	2025-05-29 13:15:00	7.74	19.36	0.21	6.26	0.00	15.14
SQU-DS	2025-05-29 13:30:00	7.79	19.79	0.20	6.26	0.00	4.31
SQU-DS	2025-05-29 13:45:00	7.83	19.82	0.20	6.26	0.00	4.25
SQU-DS	2025-05-29 14:00:00	7.88	21.14	0.28	7.06	11.29	56.68
SQU-DS	2025-05-29 14:15:00	7.94	21.38	0.30	7.08	11.35	60.88
SQU-DS	2025-05-29 14:30:00	8.01	21.73	0.22	7.11	11.33	55.95
SQU-DS	2025-05-29 14:45:00	8.09	22.13	0.23	7.10	11.31	67.13
SQU-DS	2025-05-29 15:00:00	8.10	21.68	0.24	7.08	11.32	71.63
SQU-DS	2025-05-29 15:15:00	8.06	21.63	0.25	7.09	11.29	74.28
SQU-DS	2025-05-29 15:30:00	8.02	21.95	0.22	7.10	11.29	65.97
SQU-DS	2025-05-29 15:45:00	8.00	21.80	0.23	7.09	11.29	88.63

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-05-29 16:00:00	8.00	21.76	0.24	7.10	11.28	55.97
SQU-DS	2025-05-29 16:15:00	7.99	21.58	0.24	7.10	11.27	86.60
SQU-DS	2025-05-29 16:30:00	8.01	21.87	0.20	7.09	11.25	86.12
SQU-DS	2025-05-29 16:45:00	8.07	21.52	0.22	7.05	11.25	93.43
SQU-DS	2025-05-29 17:00:00	8.13	21.28	0.23	7.08	11.24	95.01
SQU-DS	2025-05-29 17:15:00	8.22	21.46	0.24	7.05	11.23	76.19
SQU-DS	2025-05-29 17:30:00	8.27	21.45	0.20	7.05	11.22	82.32
SQU-DS	2025-05-29 17:45:00	8.31	21.37	0.20	7.28	11.21	98.12
SQU-DS	2025-05-29 18:00:00	8.33	21.28	0.21	7.25	11.20	93.81
SQU-DS	2025-05-29 18:15:00	8.33	21.32	0.21	7.21	11.20	103.41
SQU-DS	2025-05-29 18:30:00	8.34	21.21	0.22	7.15	11.19	86.21
SQU-DS	2025-05-29 18:45:00	8.33	21.19	0.23	7.13	11.18	136.66
SQU-DS	2025-05-29 19:00:00	8.30	21.15	0.23	7.09	11.19	84.42
SQU-DS	2025-05-29 19:15:00	8.28	21.01	0.24	7.06	11.17	100.14
SQU-DS	2025-05-29 19:30:00	8.23	20.98	0.20	7.03	11.17	98.72
SQU-DS	2025-05-29 19:45:00	8.18	20.90	0.23	6.98	11.16	109.44
SQU-DS	2025-05-29 20:00:00	8.14	21.34	0.24	6.95	11.06	136.45
SQU-DS	2025-05-29 20:15:00	8.11	20.54	0.25	6.93	10.95	65.27
SQU-DS	2025-05-29 20:30:00	8.09	20.18	0.20	6.90	10.89	107.96
SQU-DS	2025-05-29 20:45:00	8.07	19.64	0.22	6.88	10.65	129.93
SQU-DS	2025-05-29 21:00:00	7.98	19.33	0.22	6.85	10.48	101.18
SQU-DS	2025-05-29 21:15:00	7.99	18.17	0.23	6.83	10.34	130.80
SQU-DS	2025-05-29 21:30:00	7.91	20.61	0.19	6.80	10.28	62.19
SQU-DS	2025-05-29 21:45:00	7.85	20.54	0.22	6.80	10.22	62.20
SQU-DS	2025-05-29 22:00:00	7.79	18.65	0.23	6.81	10.26	56.60
SQU-DS	2025-05-29 22:15:00	7.74	17.00	0.24	6.79	10.29	53.27
SQU-DS	2025-05-29 22:30:00	7.67	18.54	0.22	6.80	10.20	55.34
SQU-DS	2025-05-29 22:45:00	7.62	17.98	0.23	6.79	10.02	84.50
SQU-DS	2025-05-29 23:00:00	7.53	17.25	0.24	6.80	9.85	91.40
SQU-DS	2025-05-29 23:15:00	7.49	16.31	0.25	6.80	9.74	28.94
SQU-DS	2025-05-29 23:30:00	7.43	18.10	0.21	6.79	9.74	43.91
SQU-DS	2025-05-29 23:45:00	7.40	15.84	0.23	6.79	9.66	132.60
SQU-DS	2025-05-30 00:00:00	7.31	15.79	0.24	6.77	9.61	56.22
SQU-DS	2025-05-30 00:15:00	7.25	15.20	0.25	6.77	9.50	51.20
SQU-DS	2025-05-30 00:30:00	7.20	13.36	0.22	6.77	9.48	112.81
SQU-DS	2025-05-30 00:45:00	7.17	13.49	0.24	6.76	9.59	124.96
SQU-DS	2025-05-30 01:00:00	7.11	13.84	0.25	6.76	9.82	108.25
SQU-DS	2025-05-30 01:15:00	7.03	13.82	0.25	6.76	9.93	79.20
SQU-DS	2025-05-30 01:30:00	7.02	16.25	0.23	6.76	9.96	63.37
SQU-DS	2025-05-30 01:45:00	6.92	15.06	0.24	6.76	9.94	115.23
SQU-DS	2025-05-30 02:00:00	6.86	14.13	0.25	6.76	9.87	169.90
SQU-DS	2025-05-30 02:15:00	6.83	13.61	0.26	6.74	9.84	93.03
SQU-DS	2025-05-30 02:30:00	6.81	12.66	0.23	6.73	9.91	63.39
SQU-DS	2025-05-30 02:45:00	6.72	12.72	0.25	6.73	10.11	103.52

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-05-30 03:00:00	6.68	12.64	0.26	6.73	10.24	147.58
SQU-DS	2025-05-30 03:15:00	6.63	12.52	0.27	6.72	10.35	96.86
SQU-DS	2025-05-30 03:30:00	6.58	14.77	0.25	6.72	10.42	62.97
SQU-DS	2025-05-30 03:45:00	6.56	13.18	0.25	6.73	10.41	90.83
SQU-DS	2025-05-30 04:00:00	6.52	13.63	0.26	6.72	10.39	76.45
SQU-DS	2025-05-30 04:15:00	6.47	13.28	0.27	6.74	10.34	178.78
SQU-DS	2025-05-30 04:30:00	6.44	11.58	0.25	6.73	10.36	72.34
SQU-DS	2025-05-30 04:45:00	6.43	11.67	0.26	6.74	10.37	27.21
SQU-DS	2025-05-30 05:00:00	6.41	11.81	0.27	6.74	10.43	78.66
SQU-DS	2025-05-30 05:15:00	6.38	11.94	0.27	6.74	10.43	125.32
SQU-DS	2025-05-30 05:30:00	6.36	13.55	0.25	6.75	10.40	152.49
SQU-DS	2025-05-30 05:45:00	6.35	13.32	0.26	6.73	10.40	209.79
SQU-DS	2025-05-30 06:00:00	6.29	13.35	0.27	6.71	10.47	107.06
SQU-DS	2025-05-30 06:15:00	6.30	12.94	0.27	6.73	10.51	107.40
SQU-DS	2025-05-30 06:30:00	6.27	12.73	0.25	6.73	10.59	96.99
SQU-DS	2025-05-30 06:45:00	6.25	12.85	0.26	6.74	10.61	120.62
SQU-DS	2025-05-30 07:00:00	6.27	12.82	0.27	6.75	10.58	86.20
SQU-DS	2025-05-30 07:15:00	6.25	12.94	0.27	6.75	10.57	96.78
SQU-DS	2025-05-30 07:30:00	6.23	14.17	0.24	6.76	10.51	420.29
SQU-DS	2025-05-30 07:45:00	6.23	13.05	0.25	6.75	10.47	104.55
SQU-DS	2025-05-30 08:00:00	6.25	13.20	0.26	6.74	10.43	63.56
SQU-DS	2025-05-30 08:15:00	6.26	13.41	0.26	6.74	10.39	112.50
SQU-DS	2025-05-30 08:30:00	6.26	10.83	0.25	6.74	10.38	84.24
SQU-DS	2025-05-30 08:45:00	6.28	11.18	0.26	6.74	10.43	170.87
SQU-DS	2025-05-30 09:00:00	6.31	11.26	0.27	6.73	10.52	83.27
SQU-DS	2025-05-30 09:15:00	6.32	11.34	0.28	6.73	10.54	76.27
SQU-DS	2025-05-30 09:30:00	6.35	14.56	0.24	6.72	10.55	122.66
SQU-DS	2025-05-30 09:45:00	6.37	14.16	0.25	6.73	10.49	70.73
SQU-DS	2025-05-30 10:00:00	6.38	13.91	0.26	6.71	10.47	98.50
SQU-DS	2025-05-30 10:15:00	6.41	13.68	0.27	6.70	10.44	96.20
SQU-DS	2025-05-30 10:30:00	6.41	13.35	0.25	6.71	10.41	110.06
SQU-DS	2025-05-30 10:45:00	6.43	13.57	0.26	6.71	10.39	87.88
SQU-DS	2025-05-30 11:00:00	6.49	13.51	0.27	6.71	10.37	110.23
SQU-DS	2025-05-30 11:15:00	6.54	13.89	0.28	6.71	10.38	97.77
SQU-DS	2025-05-30 11:30:00	6.58	16.50	0.24	6.72	10.37	127.39
SQU-DS	2025-05-30 11:45:00	6.64	16.56	0.25	6.73	10.31	126.75
SQU-DS	2025-05-30 12:00:00	6.69	16.03	0.26	6.73	10.24	109.97
SQU-DS	2025-05-30 12:15:00	6.73	16.34	0.27	6.73	10.17	65.01
SQU-DS	2025-05-30 12:30:00	6.78	16.33	0.23	6.74	10.05	89.71
SQU-DS	2025-05-30 12:45:00	6.80	16.26	0.25	6.76	9.95	86.54
SQU-DS	2025-05-30 13:00:00	6.82	16.44	0.26	6.76	9.86	151.73
SQU-DS	2025-05-30 13:15:00	6.86	16.32	0.26	6.74	9.80	100.43
SQU-DS	2025-05-30 13:30:00	6.88	20.58	0.22	6.75	9.75	207.08
SQU-DS	2025-05-30 13:45:00	6.89	20.69	0.23	6.75	9.72	106.57

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-05-30 14:00:00	6.91	19.99	0.25	6.75	9.69	98.86
SQU-DS	2025-05-30 14:15:00	6.94	19.92	0.25	6.75	9.63	141.89
SQU-DS	2025-05-30 14:30:00	6.97	21.37	0.23	6.75	9.50	98.68
SQU-DS	2025-05-30 14:45:00	7.02	21.40	0.24	6.75	9.40	103.20
SQU-DS	2025-05-30 15:00:00	7.07	21.64	0.25	6.75	9.30	106.12
SQU-DS	2025-05-30 15:15:00	7.18	21.85	0.26	6.75	9.19	87.89
SQU-DS	2025-05-30 15:30:00	7.22	23.57	0.22	6.74	9.06	185.14
SQU-DS	2025-05-30 15:45:00	7.26	23.55	0.24	6.73	9.02	91.40
SQU-DS	2025-05-30 16:00:00	7.29	23.28	0.25	6.73	8.99	93.72
SQU-DS	2025-05-30 16:15:00	7.33	23.68	0.26	6.73	8.94	92.48
SQU-DS	2025-05-30 16:30:00	7.39	23.48	0.24	6.73	9.00	81.22
SQU-DS	2025-05-30 16:45:00	7.42	23.43	0.25	6.73	9.05	103.16
SQU-DS	2025-05-30 17:00:00	7.47	23.31	0.25	6.73	9.05	105.85
SQU-DS	2025-05-30 17:15:00	7.50	23.34	0.26	6.73	9.08	95.76
SQU-DS	2025-05-30 17:30:00	7.53	24.94	0.23	6.71	9.18	147.02
SQU-DS	2025-05-30 17:45:00	7.57	24.39	0.24	6.70	9.32	136.17
SQU-DS	2025-05-30 18:00:00	7.58	24.83	0.25	6.70	9.40	133.93
SQU-DS	2025-05-30 18:15:00	7.57	24.63	0.26	6.70	9.46	104.50
SQU-DS	2025-05-30 18:30:00	7.56	24.50	0.22	6.70	9.47	71.10
SQU-DS	2025-05-30 18:45:00	7.55	24.70	0.24	6.69	9.48	104.77
SQU-DS	2025-05-30 19:00:00	7.55	24.77	0.24	6.68	9.50	133.38
SQU-DS	2025-05-30 19:15:00	7.58	24.51	0.25	6.67	9.51	116.15
SQU-DS	2025-05-30 19:30:00	7.58	25.29	0.23	6.66	9.55	133.65
SQU-DS	2025-05-30 19:45:00	7.57	25.29	0.24	6.66	9.55	80.72
SQU-DS	2025-05-30 20:00:00	7.57	25.33	0.25	6.65	9.53	80.63
SQU-DS	2025-05-30 20:15:00	7.56	25.21	0.26	6.65	9.52	73.24
SQU-DS	2025-05-30 20:30:00	7.55	24.89	0.23	6.65	9.52	79.89
SQU-DS	2025-05-30 20:45:00	7.54	24.85	0.24	6.64	9.50	84.06
SQU-DS	2025-05-30 21:00:00	7.54	24.70	0.25	6.63	9.44	110.22
SQU-DS	2025-05-30 21:15:00	7.53	24.77	0.26	6.63	9.39	148.46
SQU-DS	2025-05-30 21:30:00	7.53	25.30	0.22	6.63	9.33	156.98
SQU-DS	2025-05-30 21:45:00	7.51	25.21	0.24	6.63	9.30	81.38
SQU-DS	2025-05-30 22:00:00	7.49	25.43	0.25	6.63	9.27	57.73
SQU-DS	2025-05-30 22:15:00	7.49	25.33	0.25	6.64	9.25	103.97
SQU-DS	2025-05-30 22:30:00	7.47	25.37	0.23	6.64	9.26	93.94
SQU-DS	2025-05-30 22:45:00	7.47	25.40	0.24	6.64	9.21	102.85
SQU-DS	2025-05-30 23:00:00	7.47	25.53	0.25	6.63	9.15	274.45
SQU-DS	2025-05-30 23:15:00	7.46	25.76	0.26	6.63	9.08	61.22
SQU-DS	2025-05-30 23:30:00	7.44	26.30	0.23	6.63	9.03	255.04
SQU-DS	2025-05-30 23:45:00	7.45	26.29	0.24	6.64	8.97	118.17
SQU-DS	2025-05-31 00:00:00	7.44	26.19	0.25	6.63	8.94	77.64
SQU-DS	2025-05-31 00:15:00	7.42	26.11	0.26	6.63	8.98	93.43
SQU-DS	2025-05-31 00:30:00	7.41	25.55	0.23	6.63	9.01	123.38
SQU-DS	2025-05-31 00:45:00	7.38	25.60	0.24	6.63	9.06	89.01

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-05-31 01:00:00	7.37	25.63	0.25	6.62	9.03	85.08
SQU-DS	2025-05-31 01:15:00	7.36	25.56	0.26	6.62	8.97	95.25
SQU-DS	2025-05-31 01:30:00	7.33	26.32	0.22	6.63	8.90	168.62
SQU-DS	2025-05-31 01:45:00	7.33	25.99	0.24	6.63	8.89	136.99
SQU-DS	2025-05-31 02:00:00	7.30	26.02	0.25	6.63	8.89	184.70
SQU-DS	2025-05-31 02:15:00	7.27	26.22	0.26	6.63	8.84	154.79
SQU-DS	2025-05-31 02:30:00	7.25	25.32	0.24	6.63	8.84	190.27
SQU-DS	2025-05-31 02:45:00	7.24	25.19	0.25	6.63	8.78	166.80
SQU-DS	2025-05-31 03:00:00	7.20	25.22	0.26	6.63	8.71	145.70
SQU-DS	2025-05-31 03:15:00	7.19	25.07	0.26	6.62	8.67	148.42
SQU-DS	2025-05-31 03:30:00	7.16	25.97	0.22	6.62	8.63	178.88
SQU-DS	2025-05-31 03:45:00	7.13	25.94	0.23	6.62	8.56	215.18
SQU-DS	2025-05-31 04:00:00	7.11	25.82	0.24	6.62	8.53	155.28
SQU-DS	2025-05-31 04:15:00	7.08	25.75	0.25	6.62	8.50	166.90
SQU-DS	2025-05-31 04:30:00	7.06	24.99	0.22	6.62	8.48	125.31
SQU-DS	2025-05-31 04:45:00	7.04	24.80	0.23	6.61	8.40	151.86
SQU-DS	2025-05-31 05:00:00	7.03	24.75	0.25	6.60	8.36	92.37
SQU-DS	2025-05-31 05:15:00	7.01	24.57	0.25	6.60	8.32	82.59
SQU-DS	2025-05-31 05:30:00	7.01	25.46	0.21	6.60	8.27	43.64
SQU-DS	2025-05-31 05:45:00	7.00	25.35	0.22	6.59	8.25	36.46
SQU-DS	2025-05-31 06:00:00	6.97	25.30	0.23	6.60	8.23	31.03
SQU-DS	2025-05-31 06:15:00	6.95	25.28	0.24	6.59	8.22	32.47
SQU-DS	2025-05-31 06:30:00	6.94	24.13	0.21	6.59	8.21	38.05
SQU-DS	2025-05-31 06:45:00	6.93	23.84	0.23	6.59	8.22	32.87
SQU-DS	2025-05-31 07:00:00	6.93	23.85	0.24	6.58	8.25	33.10
SQU-DS	2025-05-31 07:15:00	6.91	23.85	0.24	6.58	8.33	29.46
SQU-DS	2025-05-31 07:30:00	6.91	25.07	0.20	6.58	8.43	24.13
SQU-DS	2025-05-31 07:45:00	6.89	24.81	0.22	6.58	8.52	25.89
SQU-DS	2025-05-31 08:00:00	6.89	24.60	0.23	6.59	8.56	31.30
SQU-DS	2025-05-31 08:15:00	6.88	24.49	0.24	6.59	8.69	54.74
SQU-DS	2025-05-31 08:30:00	6.86	23.16	0.22	6.59	8.81	78.61
SQU-DS	2025-05-31 08:45:00	6.84	23.07	0.23	6.59	8.84	54.86
SQU-DS	2025-05-31 09:00:00	6.84	22.92	0.24	6.59	8.95	92.29
SQU-DS	2025-05-31 09:15:00	6.83	22.96	0.25	6.58	9.00	74.69
SQU-DS	2025-05-31 09:30:00	6.84	23.59	0.22	6.59	9.12	185.36
SQU-DS	2025-05-31 09:45:00	6.83	23.04	0.23	6.58	9.21	106.15
SQU-DS	2025-05-31 10:00:00	6.85	22.48	0.24	6.58	9.23	80.36
SQU-DS	2025-05-31 10:15:00	6.86	21.88	0.25	6.58	9.31	103.42
SQU-DS	2025-05-31 10:30:00	6.88	23.15	0.23	6.58	9.36	90.21
SQU-DS	2025-05-31 10:45:00	6.89	23.14	0.24	6.58	9.41	117.96
SQU-DS	2025-05-31 11:00:00	6.91	23.06	0.25	6.58	9.55	128.12
SQU-DS	2025-05-31 11:15:00	6.93	23.13	0.26	6.56	9.74	119.72
SQU-DS	2025-05-31 11:30:00	6.94	23.59	0.21	6.56	9.77	349.98
SQU-DS	2025-05-31 11:45:00	6.93	22.02	0.23	6.56	9.81	100.07

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-05-31 12:00:00	6.92	22.74	0.24	6.56	9.84	114.33
SQU-DS	2025-05-31 12:15:00	6.89	23.11	0.25	6.56	9.87	116.45
SQU-DS	2025-05-31 12:30:00	6.89	22.98	0.22	6.56	9.87	115.42
SQU-DS	2025-05-31 12:45:00	6.87	22.51	0.24	6.57	9.87	121.90
SQU-DS	2025-05-31 13:00:00	6.87	22.07	0.24	6.57	9.90	146.55
SQU-DS	2025-05-31 13:15:00	6.89	22.34	0.25	6.58	9.89	130.17
SQU-DS	2025-05-31 13:30:00	6.89	23.41	0.20	6.58	9.93	145.99
SQU-DS	2025-05-31 13:45:00	6.91	21.92	0.22	6.58	9.92	114.64
SQU-DS	2025-05-31 14:00:00	6.91	22.56	0.23	6.58	9.95	110.67
SQU-DS	2025-05-31 14:15:00	6.92	20.60	0.24	6.58	9.92	216.36
SQU-DS	2025-05-31 14:30:00	6.91	22.38	0.22	6.59	9.95	128.25
SQU-DS	2025-05-31 14:45:00	6.92	22.21	0.23	6.59	9.98	152.02
SQU-DS	2025-05-31 15:00:00	6.91	21.84	0.24	6.59	10.02	141.26
SQU-DS	2025-05-31 15:15:00	6.92	21.68	0.25	6.59	10.10	133.14
SQU-DS	2025-05-31 15:30:00	6.94	21.05	0.21	6.58	10.24	203.65
SQU-DS	2025-05-31 15:45:00	6.96	16.44	0.22	6.59	10.25	131.97
SQU-DS	2025-05-31 16:00:00	6.97	14.97	0.23	6.58	10.33	137.14
SQU-DS	2025-05-31 16:15:00	6.99	14.89	0.24	6.57	10.40	136.70
SQU-DS	2025-05-31 16:30:00	7.02	11.41	0.23	6.57	10.45	184.33
SQU-DS	2025-05-31 16:45:00	7.08	11.36	0.24	6.58	10.48	136.60
SQU-DS	2025-05-31 17:00:00	7.14	12.07	0.25	6.58	10.54	148.72
SQU-DS	2025-05-31 17:15:00	7.19	11.55	0.26	6.59	10.54	26.72
SQU-DS	2025-05-31 17:30:00	7.18	13.67	0.24	6.62	10.41	18.06
SQU-DS	2025-05-31 17:45:00	7.17	13.72	0.24	6.64	10.18	29.94
SQU-DS	2025-05-31 18:00:00	7.18	15.93	0.25	6.62	10.18	162.43
SQU-DS	2025-05-31 18:15:00	7.18	14.62	0.26	6.60	10.16	208.94
SQU-DS	2025-05-31 18:30:00	7.20	12.92	0.23	6.61	10.09	187.68
SQU-DS	2025-05-31 18:45:00	7.20	13.82	0.24	6.61	10.06	107.13
SQU-DS	2025-05-31 19:00:00	7.18	13.88	0.25	6.62	9.97	145.14
SQU-DS	2025-05-31 19:15:00	7.17	14.92	0.25	6.62	9.88	69.92
SQU-DS	2025-05-31 19:30:00	7.16	18.56	0.22	6.63	9.77	67.01
SQU-DS	2025-05-31 19:45:00	7.13	17.77	0.23	6.63	9.60	61.20
SQU-DS	2025-05-31 20:00:00	7.10	18.86	0.24	6.63	9.39	83.73
SQU-DS	2025-05-31 20:15:00	7.08	21.06	0.25	6.63	11.09	90.23
SQU-DS	2025-05-31 20:30:00	7.06	21.46	0.20	6.62	11.44	85.76
SQU-DS	2025-05-31 20:45:00	7.04	20.02	0.22	6.59	11.41	20.45
SQU-DS	2025-05-31 21:00:00	7.02	19.90	0.23	6.54	11.39	83.46
SQU-DS	2025-05-31 21:15:00	6.99	18.58	0.23	6.48	11.37	29.05
SQU-DS	2025-05-31 21:30:00	6.99	21.18	0.19	6.45	11.27	22.73
SQU-DS	2025-05-31 21:45:00	6.97	20.77	0.21	6.46	11.40	27.23
SQU-DS	2025-05-31 22:00:00	6.95	20.05	0.22	6.48	11.23	27.19
SQU-DS	2025-05-31 22:15:00	6.92	19.60	0.23	6.47	11.41	21.10
SQU-DS	2025-05-31 22:30:00	6.86	21.07	0.18	6.47	11.45	20.13
SQU-DS	2025-05-31 22:45:00	6.83	20.29	0.21	6.46	11.28	19.57

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-05-31 23:00:00	6.80	18.07	0.22	6.43	11.03	18.95
SQU-DS	2025-05-31 23:15:00	6.78	16.80	0.23	6.40	10.90	18.20
SQU-DS	2025-05-31 23:30:00	6.73	19.75	0.18	6.34	11.17	17.81
SQU-DS	2025-05-31 23:45:00	6.72	18.69	0.21	6.33	11.41	17.64
SQU-DS	2025-06-01 00:00:00	6.65	19.74	0.22	6.33	11.44	20.42
SQU-DS	2025-06-01 00:15:00	6.64	19.59	0.23	6.32	11.43	21.54
SQU-DS	2025-06-01 00:30:00	6.59	20.89	0.19	6.31	11.49	16.11
SQU-DS	2025-06-01 00:45:00	6.54	20.71	0.21	6.28	11.45	15.16
SQU-DS	2025-06-01 01:00:00	6.52	19.80	0.22	6.26	11.32	15.91
SQU-DS	2025-06-01 01:15:00	6.48	19.12	0.23	6.24	11.29	14.61
SQU-DS	2025-06-01 01:30:00	6.44	18.80	0.19	6.21	11.39	12.97
SQU-DS	2025-06-01 01:45:00	6.42	18.95	0.21	6.22	11.54	14.18
SQU-DS	2025-06-01 02:00:00	6.36	20.05	0.22	6.22	11.58	14.87
SQU-DS	2025-06-01 02:15:00	6.37	20.15	0.23	6.23	11.56	20.79
SQU-DS	2025-06-01 02:30:00	6.34	20.64	0.20	6.24	11.56	19.13
SQU-DS	2025-06-01 02:45:00	6.28	21.04	0.21	6.24	11.59	19.31
SQU-DS	2025-06-01 03:00:00	6.26	21.08	0.22	6.24	11.57	21.76
SQU-DS	2025-06-01 03:15:00	6.23	21.04	0.23	6.25	11.60	23.91
SQU-DS	2025-06-01 03:30:00	6.22	21.05	0.20	6.28	11.59	23.25
SQU-DS	2025-06-01 03:45:00	6.20	20.98	0.22	6.32	11.61	28.05
SQU-DS	2025-06-01 04:00:00	6.14	21.18	0.23	6.38	11.61	33.83
SQU-DS	2025-06-01 04:15:00	6.10	21.47	0.24	6.42	11.62	38.18
SQU-DS	2025-06-01 04:30:00	6.09	21.63	0.21	6.46	11.62	36.82
SQU-DS	2025-06-01 04:45:00	6.06	21.57	0.22	6.47	11.62	33.15
SQU-DS	2025-06-01 05:00:00	6.02	21.66	0.23	6.46	11.62	25.75
SQU-DS	2025-06-01 05:15:00	6.03	21.85	0.23	6.42	11.63	23.94
SQU-DS	2025-06-01 05:30:00	6.00	21.88	0.22	6.38	11.64	34.15
SQU-DS	2025-06-01 05:45:00	6.00	21.83	0.23	6.45	11.62	64.80
SQU-DS	2025-06-01 06:00:00	5.99	21.95	0.23	6.62	11.63	79.28
SQU-DS	2025-06-01 06:15:00	5.98	22.12	0.24	6.67	11.64	139.41
SQU-DS	2025-06-01 06:30:00	5.95	22.14	0.22	6.69	11.63	109.28
SQU-DS	2025-06-01 06:45:00	5.95	22.31	0.22	6.64	11.66	94.67
SQU-DS	2025-06-01 07:00:00	5.93	22.29	0.23	6.54	11.65	79.58
SQU-DS	2025-06-01 07:15:00	5.93	22.62	0.23	6.51	11.66	69.76
SQU-DS	2025-06-01 07:30:00	5.96	22.40	0.22	6.43	11.66	132.19
SQU-DS	2025-06-01 07:45:00	5.93	22.55	0.22	6.43	11.67	265.78
SQU-DS	2025-06-01 08:00:00	5.95	22.79	0.23	6.46	11.67	54.60
SQU-DS	2025-06-01 08:15:00	5.95	22.72	0.23	6.52	11.67	43.67
SQU-DS	2025-06-01 08:30:00	5.98	22.91	0.21	6.55	11.68	189.49
SQU-DS	2025-06-01 08:45:00	5.96	23.07	0.22	6.84	11.68	92.69
SQU-DS	2025-06-01 09:00:00	6.00	23.09	0.23	7.06	11.68	79.39
SQU-DS	2025-06-01 09:15:00	6.06	23.16	0.23	7.04	11.67	67.07
SQU-DS	2025-06-01 09:30:00	6.08	23.47	0.20	7.05	11.66	66.26
SQU-DS	2025-06-01 09:45:00	6.13	23.43	0.20	7.06	11.67	122.20

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-06-01 10:00:00	6.18	23.65	0.21	7.09	11.67	69.46
SQU-DS	2025-06-01 10:15:00	6.25	23.66	0.22	7.08	11.66	78.31
SQU-DS	2025-06-01 10:30:00	6.32	24.14	0.19	7.06	11.64	85.91
SQU-DS	2025-06-01 10:45:00	6.43	23.83	0.20	7.07	11.64	49.08
SQU-DS	2025-06-01 11:00:00	6.54	23.86	0.22	7.01	11.62	69.30
SQU-DS	2025-06-01 11:15:00	6.64	24.33	0.23	7.01	11.61	87.43
SQU-DS	2025-06-01 11:30:00	6.72	24.18	0.20	7.09	11.59	67.29
SQU-DS	2025-06-01 11:45:00	6.79	24.44	0.22	6.94	11.57	95.74
SQU-DS	2025-06-01 12:00:00	6.86	24.58	0.22	7.10	11.55	71.44
SQU-DS	2025-06-01 12:15:00	6.95	24.75	0.23	7.07	11.53	62.45
SQU-DS	2025-06-01 12:30:00	7.05	24.72	0.20	7.09	11.50	65.76
SQU-DS	2025-06-01 12:45:00	7.15	25.07	0.21	7.07	11.47	64.30
SQU-DS	2025-06-01 13:00:00	7.25	25.09	0.22	7.09	11.46	52.07
SQU-DS	2025-06-01 13:15:00	7.35	24.98	0.23	7.09	11.43	62.75
SQU-DS	2025-06-01 13:30:00	7.45	25.12	0.20	7.08	11.41	73.24
SQU-DS	2025-06-01 13:45:00	7.55	25.53	0.21	7.08	11.38	51.45
SQU-DS	2025-06-01 14:00:00	7.66	25.55	0.23	7.00	11.35	70.55
SQU-DS	2025-06-01 14:15:00	7.76	25.52	0.23	7.10	11.33	65.02
SQU-DS	2025-06-01 14:30:00	7.88	25.34	0.20	7.11	11.31	59.66
SQU-DS	2025-06-01 14:45:00	7.96	25.50	0.21	7.07	11.27	60.98
SQU-DS	2025-06-01 15:00:00	8.11	25.42	0.22	7.10	11.23	70.33
SQU-DS	2025-06-01 15:15:00	8.21	25.52	0.23	7.11	11.20	56.95
SQU-DS	2025-06-01 15:30:00	8.31	25.70	0.21	7.10	11.18	68.65
SQU-DS	2025-06-01 15:45:00	8.43	25.69	0.22	7.07	11.14	53.57
SQU-DS	2025-06-01 16:00:00	8.51	25.93	0.23	7.10	11.11	70.34
SQU-DS	2025-06-01 16:15:00	8.56	25.77	0.23	7.12	11.08	77.79
SQU-DS	2025-06-01 16:30:00	8.64	25.76	0.20	7.09	11.05	71.48
SQU-DS	2025-06-01 16:45:00	8.73	26.05	0.22	7.12	11.02	56.86
SQU-DS	2025-06-01 17:00:00	8.80	26.02	0.23	7.08	11.00	61.95
SQU-DS	2025-06-01 17:15:00	8.84	26.10	0.23	7.11	10.98	60.67
SQU-DS	2025-06-01 17:30:00	8.90	26.27	0.21	7.07	10.94	67.46
SQU-DS	2025-06-01 17:45:00	8.94	26.56	0.22	7.11	10.93	63.57
SQU-DS	2025-06-01 18:00:00	8.96	26.36	0.23	7.09	10.91	60.70
SQU-DS	2025-06-01 18:15:00	8.97	26.25	0.24	7.11	10.89	55.33
SQU-DS	2025-06-01 18:30:00	8.97	26.47	0.20	7.07	10.88	51.27
SQU-DS	2025-06-01 18:45:00	8.97	26.56	0.22	7.13	10.86	68.65
SQU-DS	2025-06-01 19:00:00	8.96	26.64	0.23	7.09	10.85	59.98
SQU-DS	2025-06-01 19:15:00	8.93	26.54	0.24	7.12	10.84	41.63
SQU-DS	2025-06-01 19:30:00	8.91	26.54	0.21	7.12	10.82	55.95
SQU-DS	2025-06-01 19:45:00	8.86	26.76	0.22	7.14	10.81	54.61
SQU-DS	2025-06-01 20:00:00	8.83	27.07	0.23	7.10	10.81	64.76
SQU-DS	2025-06-01 20:15:00	8.80	27.27	0.23	7.11	10.79	58.45
SQU-DS	2025-06-01 20:30:00	8.76	27.33	0.20	7.11	10.78	62.11
SQU-DS	2025-06-01 20:45:00	8.73	27.36	0.22	7.10	10.78	55.84

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-01 21:00:00	8.68	27.41	0.23	7.12	10.78	58.71
SQU-DS	2025-06-01 21:15:00	8.65	27.32	0.23	7.12	10.78	74.88
SQU-DS	2025-06-01 21:30:00	8.60	27.42	0.20	7.12	10.78	61.61
SQU-DS	2025-06-01 21:45:00	8.55	27.46	0.21	7.13	10.78	47.58
SQU-DS	2025-06-01 22:00:00	8.50	27.17	0.22	7.12	10.79	59.44
SQU-DS	2025-06-01 22:15:00	8.45	27.31	0.23	7.07	10.80	58.07
SQU-DS	2025-06-01 22:30:00	8.41	27.34	0.19	7.12	10.80	51.98
SQU-DS	2025-06-01 22:45:00	8.34	27.36	0.21	7.13	10.80	57.62
SQU-DS	2025-06-01 23:00:00	8.29	27.32	0.22	7.05	10.82	55.01
SQU-DS	2025-06-01 23:15:00	8.23	27.34	0.23	7.11	10.84	72.52
SQU-DS	2025-06-01 23:30:00	8.18	27.46	0.20	7.15	10.85	46.51
SQU-DS	2025-06-01 23:45:00	8.11	27.57	0.21	7.12	10.85	49.49
SQU-US	2025-05-26 00:00:00	8.61	36.03	0.19	7.16	11.07763577	13.89
SQU-US	2025-05-26 00:15:00	8.54	36.03	0.21	7.16	11.07815838	14.90
SQU-US	2025-05-26 00:30:00	8.49	35.80	0.20	7.17	11.10091114	13.57
SQU-US	2025-05-26 00:45:00	8.41	35.30	0.20	7.11	11.13398933	14.98
SQU-US	2025-05-26 01:00:00	8.33	35.23	0.22	7.10	11.1525774	17.04
SQU-US	2025-05-26 01:15:00	8.27	34.68	0.23	7.10	11.16762257	13.18
SQU-US	2025-05-26 01:30:00	8.20	34.56	0.23	7.11	11.19079685	20.91
SQU-US	2025-05-26 01:45:00	8.13	34.02	0.14	7.19	11.21273518	13.54
SQU-US	2025-05-26 02:00:00	8.06	33.43	0.19	7.17	11.24394226	12.03
SQU-US	2025-05-26 02:15:00	8.01	33.52	0.20	7.17	11.26396656	14.24
SQU-US	2025-05-26 02:30:00	7.94	33.16	0.20	7.18	11.27538013	21.32
SQU-US	2025-05-26 02:45:00	7.88	33.10	0.19	7.11	11.28781319	16.53
SQU-US	2025-05-26 03:00:00	7.83	32.60	0.22	7.07	11.30896473	18.42
SQU-US	2025-05-26 03:15:00	7.76	32.29	0.22	7.10	11.34522629	14.12
SQU-US	2025-05-26 03:30:00	7.71	32.03	0.23	7.11	11.36771774	12.22
SQU-US	2025-05-26 03:45:00	7.65	31.90	0.14	7.18	11.37840271	12.22
SQU-US	2025-05-26 04:00:00	7.60	31.98	0.18	7.15	11.38700867	13.44
SQU-US	2025-05-26 04:15:00	7.56	32.12	0.19	7.17	11.38540649	11.71
SQU-US	2025-05-26 04:30:00	7.49	32.36	0.20	7.18	11.40520954	10.33
SQU-US	2025-05-26 04:45:00	7.46	32.60	0.19	7.12	11.41737652	10.81
SQU-US	2025-05-26 05:00:00	7.43	32.55	0.22	7.09	11.42876244	13.15
SQU-US	2025-05-26 05:15:00	7.37	32.64	0.23	7.10	11.44886398	12.67
SQU-US	2025-05-26 05:30:00	7.33	32.72	0.23	7.11	11.43	14.32
SQU-US	2025-05-26 05:45:00	7.31	32.69	0.16	7.16	11.44	8.28
SQU-US	2025-05-26 06:00:00	7.28	32.93	0.19	7.13	11.44	15.20
SQU-US	2025-05-26 06:15:00	7.30	32.95	0.19	7.14	11.43	13.43
SQU-US	2025-05-26 06:30:00	7.31	33.66	0.20	7.13	11.39	9.20
SQU-US	2025-05-26 06:45:00	7.26	33.03	0.20	7.06	11.42	13.29
SQU-US	2025-05-26 07:00:00	7.25	32.61	0.23	7.06	11.46	10.76
SQU-US	2025-05-26 07:15:00	7.23	32.42	0.24	7.06	11.48	15.22
SQU-US	2025-05-26 07:30:00	7.21	32.06	0.23	7.06	11.52	10.19
SQU-US	2025-05-26 07:45:00	7.19	31.52	0.17	7.14	11.53	12.51

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-US	2025-05-26 08:00:00	7.19	31.25	0.20	7.14	11.57	11.71
SQU-US	2025-05-26 08:15:00	7.19	31.32	0.21	7.16	11.58	15.54
SQU-US	2025-05-26 08:30:00	7.15	31.14	0.21	7.16	11.62	13.84
SQU-US	2025-05-26 08:45:00	7.15	30.98	0.22	7.09	11.61	12.59
SQU-US	2025-05-26 09:00:00	7.17	30.93	0.23	7.10	11.61	11.62
SQU-US	2025-05-26 09:15:00	7.17	31.19	0.24	7.08	11.60	13.07
SQU-US	2025-05-26 09:30:00	7.17	30.97	0.24	7.09	11.63	18.10
SQU-US	2025-05-26 09:45:00	7.17	30.85	0.18	7.17	11.61	17.65
SQU-US	2025-05-26 10:00:00	7.17	31.14	0.21	7.16	11.63	17.04
SQU-US	2025-05-26 10:15:00	7.20	31.26	0.22	7.09	11.63	60.18
SQU-US	2025-05-26 10:30:00	7.22	31.54	0.21	7.16	11.61	16.72
SQU-US	2025-05-26 10:45:00	7.23	31.52	0.21	7.10	11.65	15.67
SQU-US	2025-05-26 11:00:00	7.28	31.78	0.23	7.09	11.65	26.91
SQU-US	2025-05-26 11:15:00	7.31	31.70	0.24	7.12	11.68	12.16
SQU-US	2025-05-26 11:30:00	7.37	31.73	0.25	7.05	11.67	12.96
SQU-US	2025-05-26 11:45:00	7.39	31.64	0.19	7.11	11.68	12.52
SQU-US	2025-05-26 12:00:00	7.45	31.54	0.22	7.14	11.69	11.92
SQU-US	2025-05-26 12:15:00	7.45	31.39	0.23	7.16	11.68	16.48
SQU-US	2025-05-26 12:30:00	7.52	31.19	0.24	7.18	11.70	12.25
SQU-US	2025-05-26 12:45:00	7.64	31.33	0.22	7.15	11.71	11.75
SQU-US	2025-05-26 13:00:00	7.73	31.33	0.23	7.13	11.69	17.42
SQU-US	2025-05-26 13:15:00	7.77	31.00	0.24	7.13	11.69	13.77
SQU-US	2025-05-26 13:30:00	7.80	30.78	0.24	7.14	11.69	14.19
SQU-US	2025-05-26 13:45:00	7.77	30.82	0.20	7.21	11.71	15.21
SQU-US	2025-05-26 14:00:00	7.83	31.14	0.23	7.20	11.70	16.20
SQU-US	2025-05-26 14:15:00	7.92	31.09	0.24	7.20	11.71	17.80
SQU-US	2025-05-26 14:30:00	7.95	30.90	0.24	7.19	11.71	17.23
SQU-US	2025-05-26 14:45:00	7.96	31.17	0.21	7.17	11.71	21.28
SQU-US	2025-05-26 15:00:00	7.92	30.84	0.24	7.13	11.71	19.03
SQU-US	2025-05-26 15:15:00	7.94	31.15	0.24	7.15	11.71	21.07
SQU-US	2025-05-26 15:30:00	7.99	31.56	0.25	7.13	11.71	21.36
SQU-US	2025-05-26 15:45:00	8.08	31.52	0.21	7.18	11.70	29.79
SQU-US	2025-05-26 16:00:00	8.18	31.67	0.23	7.16	11.70	27.48
SQU-US	2025-05-26 16:15:00	8.24	31.18	0.24	7.20	11.70	25.78
SQU-US	2025-05-26 16:30:00	8.27	30.61	0.24	7.22	11.70	34.66
SQU-US	2025-05-26 16:45:00	8.31	30.49	0.20	7.19	11.68	36.04
SQU-US	2025-05-26 17:00:00	8.34	30.50	0.23	7.17	11.68	25.66
SQU-US	2025-05-26 17:15:00	8.34	30.19	0.24	7.11	11.68	29.32
SQU-US	2025-05-26 17:30:00	8.33	29.97	0.24	7.13	11.66	27.76
SQU-US	2025-05-26 17:45:00	8.27	29.71	0.19	7.19	11.67	33.20
SQU-US	2025-05-26 18:00:00	8.19	29.39	0.21	7.20	11.66	33.37
SQU-US	2025-05-26 18:15:00	8.14	29.32	0.23	7.19	11.67	33.04
SQU-US	2025-05-26 18:30:00	8.13	29.35	0.23	7.12	11.66	33.90
SQU-US	2025-05-26 18:45:00	8.09	29.61	0.19	7.15	11.66	37.92

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-US	2025-05-26 19:00:00	8.06	29.69	0.22	7.15	11.63	36.24
SQU-US	2025-05-26 19:15:00	8.04	29.56	0.23	7.14	11.65	43.01
SQU-US	2025-05-26 19:30:00	8.00	29.67	0.23	7.13	11.63	40.47
SQU-US	2025-05-26 19:45:00	7.96	29.60	0.17	7.17	11.64	38.88
SQU-US	2025-05-26 20:00:00	7.92	29.27	0.19	7.12	11.65	43.76
SQU-US	2025-05-26 20:15:00	7.89	29.43	0.21	7.14	11.62	36.88
SQU-US	2025-05-26 20:30:00	7.83	29.36	0.23	7.06	11.63	43.35
SQU-US	2025-05-26 20:45:00	7.78	29.33	0.21	7.09	11.65	46.19
SQU-US	2025-05-26 21:00:00	7.75	29.23	0.23	7.11	11.64	39.06
SQU-US	2025-05-26 21:15:00	7.70	29.00	0.24	7.09	11.61	42.13
SQU-US	2025-05-26 21:30:00	7.66	28.94	0.24	7.09	11.63	42.82
SQU-US	2025-05-26 21:45:00	7.61	28.96	0.17	7.14	11.62	40.19
SQU-US	2025-05-26 22:00:00	7.57	28.75	0.20	7.08	11.64	36.22
SQU-US	2025-05-26 22:15:00	7.50	28.37	0.20	7.10	11.65	38.98
SQU-US	2025-05-26 22:30:00	7.48	28.68	0.21	7.07	11.64	37.85
SQU-US	2025-05-26 22:45:00	7.43	28.80	0.21	7.07	11.65	31.84
SQU-US	2025-05-26 23:00:00	7.39	28.57	0.23	7.06	11.65	32.55
SQU-US	2025-05-26 23:15:00	7.34	28.63	0.24	7.05	11.67	40.45
SQU-US	2025-05-26 23:30:00	7.28	28.44	0.24	7.05	11.69	35.72
SQU-US	2025-05-26 23:45:00	7.24	28.05	0.18	7.08	11.70	27.03
SQU-US	2025-05-27 00:00:00	7.19	27.99	0.21	7.06	11.72	28.91
SQU-US	2025-05-27 00:15:00	7.12	28.16	0.22	7.06	11.72	36.53
SQU-US	2025-05-27 00:30:00	7.08	27.85	0.22	7.05	11.74	27.00
SQU-US	2025-05-27 00:45:00	7.03	27.77	0.22	7.06	11.76	27.80
SQU-US	2025-05-27 01:00:00	6.98	27.51	0.24	7.00	11.77	27.44
SQU-US	2025-05-27 01:15:00	6.95	27.16	0.25	7.05	11.77	26.19
SQU-US	2025-05-27 01:30:00	6.88	27.18	0.25	7.05	11.79	25.75
SQU-US	2025-05-27 01:45:00	6.85	26.84	0.18	7.12	11.80	20.89
SQU-US	2025-05-27 02:00:00	6.78	27.13	0.21	7.07	11.83	25.10
SQU-US	2025-05-27 02:15:00	6.76	27.07	0.21	7.10	11.84	27.83
SQU-US	2025-05-27 02:30:00	6.73	26.95	0.22	7.07	11.83	25.88
SQU-US	2025-05-27 02:45:00	6.68	27.01	0.23	7.06	11.85	23.75
SQU-US	2025-05-27 03:00:00	6.66	26.86	0.24	7.04	11.86	38.68
SQU-US	2025-05-27 03:15:00	6.60	26.79	0.25	6.94	11.87	21.95
SQU-US	2025-05-27 03:30:00	6.57	27.05	0.25	7.02	11.86	21.13
SQU-US	2025-05-27 03:45:00	6.53	26.75	0.18	7.06	11.88	20.47
SQU-US	2025-05-27 04:00:00	6.53	26.74	0.21	7.08	11.88	27.31
SQU-US	2025-05-27 04:15:00	6.46	26.90	0.22	7.11	11.90	20.68
SQU-US	2025-05-27 04:30:00	6.44	26.84	0.22	7.01	11.90	18.60
SQU-US	2025-05-27 04:45:00	6.40	26.86	0.22	7.05	11.91	20.76
SQU-US	2025-05-27 05:00:00	6.37	27.13	0.24		11.92	18.60
SQU-US	2025-05-27 05:15:00	6.34	27.26	0.25	7.04	11.91	18.26
SQU-US	2025-05-27 05:30:00	6.33	27.07	0.25	7.05	11.91	22.30
SQU-US	2025-05-27 05:45:00	6.27	27.30	0.19	7.09	11.94	17.16

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-US	2025-05-27 06:00:00	6.27	27.48	0.22	6.99	11.92	15.36
SQU-US	2025-05-27 06:15:00	6.28	27.60	0.21	7.07	11.93	20.37
SQU-US	2025-05-27 06:30:00	6.27	27.62	0.22	7.06	11.93	21.43
SQU-US	2025-05-27 06:45:00	6.27	27.57	0.20	7.06	11.93	19.99
SQU-US	2025-05-27 07:00:00	6.31	27.51	0.24	7.01	11.92	19.29
SQU-US	2025-05-27 07:15:00	6.31	27.93	0.25	7.01	11.91	15.78
SQU-US	2025-05-27 07:30:00	6.35	28.15	0.25	7.03	11.91	17.79
SQU-US	2025-05-27 07:45:00	6.36	28.44	0.20	7.08	11.89	17.56
SQU-US	2025-05-27 08:00:00	6.35	28.41	0.22	7.05	11.90	16.47
SQU-US	2025-05-27 08:15:00	6.37	28.44	0.23	7.00	11.90	17.86
SQU-US	2025-05-27 08:30:00	6.37	28.60	0.24	7.03	11.92	17.08
SQU-US	2025-05-27 08:45:00	6.38	29.05	0.23	7.02	11.93	20.91
SQU-US	2025-05-27 09:00:00	6.39	28.48	0.25	6.97	11.95	22.32
SQU-US	2025-05-27 09:15:00	6.42	28.73	0.25	7.04	11.97	19.05
SQU-US	2025-05-27 09:30:00	6.45	28.89	0.26	7.05	11.95	18.93
SQU-US	2025-05-27 09:45:00	6.48	29.04	0.21	7.10	11.96	18.51
SQU-US	2025-05-27 10:00:00	6.51	29.38	0.22	7.05	11.96	16.51
SQU-US	2025-05-27 10:15:00	6.53	29.14	0.22	7.08	11.97	16.91
SQU-US	2025-05-27 10:30:00	6.56	29.38	0.23	7.12	11.96	24.29
SQU-US	2025-05-27 10:45:00	6.62	29.51	0.24	7.07	11.96	15.84
SQU-US	2025-05-27 11:00:00	6.68	29.34	0.25	7.04	11.96	21.30
SQU-US	2025-05-27 11:15:00	6.72	29.54	0.26	7.08	11.96	18.09
SQU-US	2025-05-27 11:30:00	6.81	29.91	0.26	6.98	11.96	13.84
SQU-US	2025-05-27 11:45:00	6.91	29.76	0.20	7.01	11.96	32.20
SQU-US	2025-05-27 12:00:00	7.00	30.00	0.23	7.07	11.94	20.60
SQU-US	2025-05-27 12:15:00	7.06	30.03	0.23	7.12	11.96	18.24
SQU-US	2025-05-27 12:30:00	7.16	30.27	0.24	7.09	11.93	16.15
SQU-US	2025-05-27 12:45:00	7.30	30.19	0.25	7.08	11.92	17.76
SQU-US	2025-05-27 13:00:00	7.44	29.75	0.25	7.10	11.93	11.60
SQU-US	2025-05-27 13:15:00	7.53	29.83	0.26	7.08	11.91	13.72
SQU-US	2025-05-27 13:30:00	7.62	29.90	0.26	7.10	11.88	10.99
SQU-US	2025-05-27 13:45:00	7.74	30.03	0.20	7.13	11.86	14.85
SQU-US	2025-05-27 14:00:00	7.87	29.78	0.24	7.08	11.85	15.39
SQU-US	2025-05-27 14:15:00	8.00	29.96	0.24	7.19	11.81	16.67
SQU-US	2025-05-27 14:30:00	8.10	30.11	0.25	7.14	11.78	16.21
SQU-US	2025-05-27 14:45:00	8.19	29.99	0.25	7.12	11.76	15.54
SQU-US	2025-05-27 15:00:00	8.28	30.61	0.26	7.10	11.73	13.02
SQU-US	2025-05-27 15:15:00	8.37	30.03	0.26	7.13	11.71	16.74
SQU-US	2025-05-27 15:30:00	8.47	30.33	0.27	7.12	11.68	16.74
SQU-US	2025-05-27 15:45:00	8.55	30.41	0.20	7.19	11.65	15.84
SQU-US	2025-05-27 16:00:00	8.63	30.49	0.23	7.15	11.62	16.12
SQU-US	2025-05-27 16:15:00	8.71	30.66	0.24	7.18	11.58	16.05
SQU-US	2025-05-27 16:30:00	8.78	30.77	0.24	7.19	11.55	12.51
SQU-US	2025-05-27 16:45:00	8.85	30.44	0.25	7.14	11.52	12.63

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-US	2025-05-27 17:00:00	8.92	30.54	0.26	7.10	11.50	13.41
SQU-US	2025-05-27 17:15:00	8.99	30.65	0.26	7.12	11.47	14.74
SQU-US	2025-05-27 17:30:00	9.04	30.55	0.27	7.09	11.44	11.90
SQU-US	2025-05-27 17:45:00	9.08	30.08	0.22	7.19	11.43	13.16
SQU-US	2025-05-27 18:00:00	9.11	29.93	0.23	7.21	11.40	11.13
SQU-US	2025-05-27 18:15:00	9.12	29.95	0.24	7.14	11.38	18.09
SQU-US	2025-05-27 18:30:00	9.14	29.75	0.24	7.19	11.36	11.60
SQU-US	2025-05-27 18:45:00	9.15	29.77	0.24	7.17	11.33	11.17
SQU-US	2025-05-27 19:00:00	9.16	29.69	0.25	7.17	11.32	22.99
SQU-US	2025-05-27 19:15:00	9.17	29.89	0.26	7.17	11.28	12.05
SQU-US	2025-05-27 19:30:00	9.19	30.15	0.26	7.15	11.25	14.17
SQU-US	2025-05-27 19:45:00	9.23	30.61	0.21	7.16	11.21	15.86
SQU-US	2025-05-27 20:00:00	9.28	31.36	0.22	7.22	11.16	12.20
SQU-US	2025-05-27 20:15:00	9.27	31.58	0.23	7.15	11.14	11.43
SQU-US	2025-05-27 20:30:00	9.23	32.10	0.23	7.21	11.14	9.83
SQU-US	2025-05-27 20:45:00	9.18	32.65	0.24	7.14	11.11	19.64
SQU-US	2025-05-27 21:00:00	9.14	33.62	0.25	7.10	11.10	13.47
SQU-US	2025-05-27 21:15:00	9.08	33.77	0.25	7.07	11.09	12.87
SQU-US	2025-05-27 21:30:00	9.03	34.00	0.26	7.08	11.09	13.80
SQU-US	2025-05-27 21:45:00	8.98	34.57	0.19	7.14	11.09	13.10
SQU-US	2025-05-27 22:00:00	8.93	34.67	0.22	7.10	11.08	13.23
SQU-US	2025-05-27 22:15:00	8.88	34.16	0.23	7.13	11.11	14.85
SQU-US	2025-05-27 22:30:00	8.83	34.59	0.23	7.09	11.10	11.56
SQU-US	2025-05-27 22:45:00	8.83	35.18	0.24	7.01	11.05	17.42
SQU-US	2025-05-27 23:00:00	8.78	35.45	0.25	7.01	11.05	17.15
SQU-US	2025-05-27 23:15:00	8.69	34.90	0.26	6.99	11.05	14.43
SQU-US	2025-05-27 23:30:00	8.62	35.15	0.27	6.98	11.06	17.30
SQU-US	2025-05-27 23:45:00	8.55	34.69	0.22	7.04	11.10	15.99
SQU-US	2025-05-28 00:00:00	8.47	33.71	0.22	7.03	11.13	16.20
SQU-US	2025-05-28 00:15:00	8.42	33.49	0.23	7.07	11.15	16.61
SQU-US	2025-05-28 00:30:00	8.35	32.91	0.22	7.08	11.18	16.54
SQU-US	2025-05-28 00:45:00	8.27	32.38	0.24	7.03	11.21	15.67
SQU-US	2025-05-28 01:00:00	8.17	31.88	0.25	7.02	11.24	24.43
SQU-US	2025-05-28 01:15:00	8.09	31.75	0.26	7.04	11.26	20.00
SQU-US	2025-05-28 01:30:00	8.01	31.69	0.26	7.03	11.30	17.63
SQU-US	2025-05-28 01:45:00	7.92	31.16	0.20	7.09	11.33	18.97
SQU-US	2025-05-28 02:00:00	7.84	30.87	0.23	7.04	11.34	19.71
SQU-US	2025-05-28 02:15:00	7.78	30.84	0.23	7.04	11.36	21.76
SQU-US	2025-05-28 02:30:00	7.69	30.26	0.23	7.08	11.41	25.55
SQU-US	2025-05-28 02:45:00	7.61	29.93	0.23	7.06	11.43	19.01
SQU-US	2025-05-28 03:00:00	7.54	29.78	0.24	7.06	11.46	20.93
SQU-US	2025-05-28 03:15:00	7.47	29.88	0.25	7.05	11.46	16.30
SQU-US	2025-05-28 03:30:00	7.40	29.43	0.26	7.03	11.49	19.89
SQU-US	2025-05-28 03:45:00	7.33	29.33	0.20	7.06	11.51	17.65

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-US	2025-05-28 04:00:00	7.25	29.24	0.22	7.09	11.53	17.00
SQU-US	2025-05-28 04:15:00	7.20	29.11	0.22	7.11	11.56	14.20
SQU-US	2025-05-28 04:30:00	7.13	29.03	0.23	7.07	11.56	17.47
SQU-US	2025-05-28 04:45:00	7.05	28.98	0.23	7.08	11.58	16.62
SQU-US	2025-05-28 05:00:00	7.01	28.92	0.25	7.04	11.60	16.44
SQU-US	2025-05-28 05:15:00	6.95	28.83	0.26	7.01	11.61	16.72
SQU-US	2025-05-28 05:30:00	6.90	28.81	0.26	7.06	11.64	19.76
SQU-US	2025-05-28 05:45:00	6.84	28.89	0.22	7.09	11.65	14.50
SQU-US	2025-05-28 06:00:00	6.79	28.80	0.22	7.09	11.67	16.08
SQU-US	2025-05-28 06:15:00	6.76	29.04	0.22	7.08	11.67	15.18
SQU-US	2025-05-28 06:30:00	6.72	28.87	0.23	7.06	11.69	23.17
SQU-US	2025-05-28 06:45:00	6.69	28.88	0.23	7.05	11.70	17.45
SQU-US	2025-05-28 07:00:00	6.68	29.03	0.25	7.01	11.73	16.49
SQU-US	2025-05-28 07:15:00	6.69	29.47	0.26	7.03	11.71	14.36
SQU-US	2025-05-28 07:30:00	6.71	29.85	0.26	7.01	11.69	13.87
SQU-US	2025-05-28 07:45:00	6.73	30.28	0.20	7.03	11.66	14.89
SQU-US	2025-05-28 08:00:00	6.75	30.73	0.23	6.98	11.66	13.93
SQU-US	2025-05-28 08:15:00	6.78	30.55	0.25	7.01	11.69	15.07
SQU-US	2025-05-28 08:30:00	6.76	30.08	0.24	7.01	11.72	16.07
SQU-US	2025-05-28 08:45:00	6.80	29.85	0.25	7.02	11.75	13.16
SQU-US	2025-05-28 09:00:00	6.86	30.32	0.26	7.03	11.76	13.90
SQU-US	2025-05-28 09:15:00	6.89	29.63	0.27	7.00	11.80	24.88
SQU-US	2025-05-28 09:30:00	6.95	30.02	0.27	7.04	11.78	13.17
SQU-US	2025-05-28 09:45:00	7.01	30.13	0.22	7.08	11.80	15.53
SQU-US	2025-05-28 10:00:00	7.08	29.93	0.23	7.08	11.81	17.45
SQU-US	2025-05-28 10:15:00	7.15	30.13	0.23	7.13	11.80	16.81
SQU-US	2025-05-28 10:30:00	7.23	30.28	0.23	7.10	11.79	12.07
SQU-US	2025-05-28 10:45:00	7.30	30.18	0.24	7.07	11.79	14.76
SQU-US	2025-05-28 11:00:00	7.37	29.83	0.25	7.08	11.79	12.77
SQU-US	2025-05-28 11:15:00	7.45	29.81	0.26	7.09	11.78	22.18
SQU-US	2025-05-28 11:30:00	7.52	29.68	0.27	7.05	11.78	16.26
SQU-US	2025-05-28 11:45:00	7.62	29.95	0.20	7.13	11.76	14.21
SQU-US	2025-05-28 12:00:00	7.73	29.81	0.21	7.16	11.73	15.01
SQU-US	2025-05-28 12:15:00	7.83	29.79	0.23	7.17	11.72	17.98
SQU-US	2025-05-28 12:30:00	7.95	29.78	0.23	7.13	11.71	12.98
SQU-US	2025-05-28 12:45:00	8.07	29.58	0.24	7.10	11.69	14.12
SQU-US	2025-05-28 13:00:00	8.20	29.76	0.26	7.10	11.66	12.86
SQU-US	2025-05-28 13:15:00	8.33	29.70	0.26	7.12	11.64	13.48
SQU-US	2025-05-28 13:30:00	8.48	30.05	0.27	7.11	11.60	10.62
SQU-US	2025-05-28 13:45:00	8.61	30.10	0.19	7.11	11.56	14.54
SQU-US	2025-05-28 14:00:00	8.74	30.10	0.22	7.15	11.54	13.18
SQU-US	2025-05-28 14:15:00	8.88	29.78	0.22	7.19	11.51	11.78
SQU-US	2025-05-28 14:30:00	9.02	29.75	0.22	7.17	11.48	12.11
SQU-US	2025-05-28 14:45:00	9.13	29.94	0.23	7.14	11.45	10.56

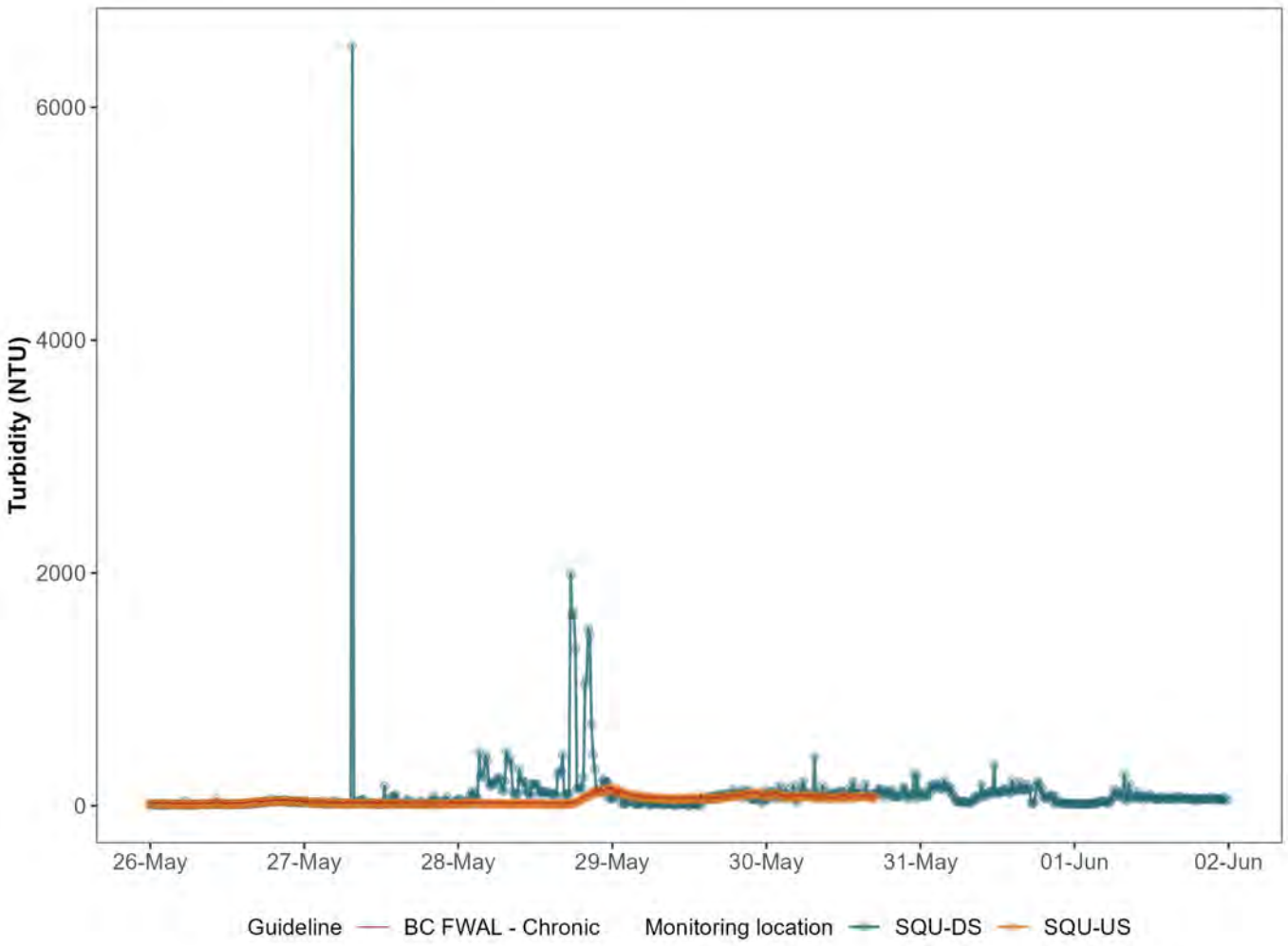
Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-US	2025-05-28 15:00:00	9.19	29.99	0.25	7.14	11.42	19.84
SQU-US	2025-05-28 15:15:00	9.26	30.04	0.26	7.15	11.37	14.27
SQU-US	2025-05-28 15:30:00	9.32	30.19	0.27	7.10	11.35	14.79
SQU-US	2025-05-28 15:45:00	9.40	30.30	0.19	7.17	11.31	13.09
SQU-US	2025-05-28 16:00:00	9.42	30.04	0.21	7.18	11.29	12.54
SQU-US	2025-05-28 16:15:00	9.46	30.38	0.21	7.21	11.27	12.81
SQU-US	2025-05-28 16:30:00	9.50	30.38	0.21	7.20	11.22	10.03
SQU-US	2025-05-28 16:45:00	9.56	30.19	0.23	7.13	11.19	19.10
SQU-US	2025-05-28 17:00:00	9.61	30.29	0.25	7.14	11.17	15.85
SQU-US	2025-05-28 17:15:00	9.69	30.47	0.26	7.13	11.12	13.64
SQU-US	2025-05-28 17:30:00	9.78	30.25	0.26	7.13	11.09	22.92
SQU-US	2025-05-28 17:45:00	9.88	29.97	0.17	7.21	11.07	16.86
SQU-US	2025-05-28 18:00:00	9.96	29.89	0.20	7.21	11.03	19.89
SQU-US	2025-05-28 18:15:00	10.05	29.63	0.22	7.23	11.02	31.76
SQU-US	2025-05-28 18:30:00	10.11	29.11	0.22	7.21	11.00	35.05
SQU-US	2025-05-28 18:45:00	10.18	28.73	0.23	7.15	10.98	37.68
SQU-US	2025-05-28 19:00:00	10.23	28.19	0.25	7.13	10.98	50.49
SQU-US	2025-05-28 19:15:00	10.25	27.76	0.26	7.12	10.96	62.56
SQU-US	2025-05-28 19:30:00	10.24	27.62	0.27	7.09	10.98	63.62
SQU-US	2025-05-28 19:45:00	10.22	27.25	0.18	7.19	10.99	80.96
SQU-US	2025-05-28 20:00:00	10.19	27.11	0.20	7.16	10.99	74.19
SQU-US	2025-05-28 20:15:00	10.11	26.96	0.20	7.07	11.00	83.94
SQU-US	2025-05-28 20:30:00	10.04	26.73	0.21	7.09	11.03	87.52
SQU-US	2025-05-28 20:45:00	9.96	26.94	0.22	7.08	11.06	111.67
SQU-US	2025-05-28 21:00:00	9.83	26.51	0.25	7.02	11.10	111.73
SQU-US	2025-05-28 21:15:00	9.70	26.42	0.26	7.05	11.12	124.49
SQU-US	2025-05-28 21:30:00	9.56	26.36	0.26	7.03	11.18	105.82
SQU-US	2025-05-28 21:45:00	9.40	25.86	0.13	7.09	11.23	123.27
SQU-US	2025-05-28 22:00:00	9.26	25.74	0.18	6.98	11.26	118.46
SQU-US	2025-05-28 22:15:00	9.14	25.83	0.18	7.02	11.31	140.53
SQU-US	2025-05-28 22:30:00	9.01	25.31	0.19	7.03	11.36	112.17
SQU-US	2025-05-28 22:45:00	8.86	25.07	0.22	6.97	11.40	119.08
SQU-US	2025-05-28 23:00:00	8.74	24.92	0.25	6.98	11.42	143.78
SQU-US	2025-05-28 23:15:00	8.61	24.63	0.25	6.99	11.47	141.32
SQU-US	2025-05-28 23:30:00	8.51	24.81	0.26	6.99	11.50	131.21
SQU-US	2025-05-28 23:45:00	8.37	24.29	0.16	7.06	11.55	154.41
SQU-US	2025-05-29 00:00:00	8.27	24.00	0.19	6.99	11.58	120.63
SQU-US	2025-05-29 00:15:00	8.20	23.61	0.20	7.01	11.61	157.40
SQU-US	2025-05-29 00:30:00	8.09	23.47	0.20	7.00	11.65	99.76
SQU-US	2025-05-29 00:45:00	7.97	23.00	0.22	6.98	11.69	125.79
SQU-US	2025-05-29 01:00:00	7.90	22.91	0.25	6.93	11.71	135.00
SQU-US	2025-05-29 01:15:00	7.80	22.72	0.26	6.97	11.74	131.53
SQU-US	2025-05-29 01:30:00	7.69	22.68	0.27	6.92	11.77	99.60
SQU-US	2025-05-29 01:45:00	7.60	22.49	0.18	6.85	11.82	103.16

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-US	2025-05-29 02:00:00	7.54	22.37	0.20	7.01	11.84	107.02
SQU-US	2025-05-29 02:15:00	7.48	22.43	0.22	6.93	11.85	92.46
SQU-US	2025-05-29 02:30:00	7.40	22.29	0.22	7.02	11.87	93.97
SQU-US	2025-05-29 02:45:00	7.32	22.09	0.23	6.98	11.90	94.13
SQU-US	2025-05-29 03:00:00	7.26	22.15	0.26	6.98	11.93	84.81
SQU-US	2025-05-29 03:15:00	7.21	22.08	0.26	6.97	11.94	68.97
SQU-US	2025-05-29 03:30:00	7.17	22.10	0.27	6.97	11.95	82.06
SQU-US	2025-05-29 03:45:00	7.10	22.06	0.21	7.02	11.95	96.28
SQU-US	2025-05-29 04:00:00	7.07	22.16	0.23	6.96	11.96	83.69
SQU-US	2025-05-29 04:15:00	7.04	22.06	0.23	7.04	11.97	81.06
SQU-US	2025-05-29 04:30:00	7.00	22.09	0.23	6.94	11.98	67.07
SQU-US	2025-05-29 04:45:00	6.97	21.96	0.17	6.93	11.97	78.76
SQU-US	2025-05-29 05:00:00	6.94	22.25	0.25	6.99	11.99	63.43
SQU-US	2025-05-29 05:15:00	6.93	22.15	0.27	6.98	11.99	68.81
SQU-US	2025-05-29 05:30:00	6.91	22.07	0.28	6.91	11.98	58.33
SQU-US	2025-05-29 05:45:00	6.86	22.22	0.19	6.91	11.99	76.13
SQU-US	2025-05-29 06:00:00	6.82	22.33	0.20	7.00	11.99	65.42
SQU-US	2025-05-29 06:15:00	6.82	22.36	0.21	7.02	11.99	70.57
SQU-US	2025-05-29 06:30:00	6.83	22.30	0.21	7.06	11.98	59.56
SQU-US	2025-05-29 06:45:00	6.79	22.13	0.16	6.94	12.03	65.22
SQU-US	2025-05-29 07:00:00	6.73	22.25	0.23	6.91	11.99	65.77
SQU-US	2025-05-29 07:15:00	6.75	22.14	0.25	6.88	12.00	62.56
SQU-US	2025-05-29 07:30:00	6.75	21.34	0.22	7.01	11.99	64.89
SQU-US	2025-05-29 07:45:00	6.76	22.52	0.15	6.99	11.98	56.71
SQU-US	2025-05-29 08:00:00	6.78	22.74	0.20	7.04	11.98	58.38
SQU-US	2025-05-29 08:15:00	6.77	22.88	0.21	7.02	11.98	63.88
SQU-US	2025-05-29 08:30:00	6.78	23.21	0.21	7.06	11.97	62.51
SQU-US	2025-05-29 08:45:00	6.79	21.92	0.21	7.01	11.98	60.20
SQU-US	2025-05-29 09:00:00	6.79	22.42	0.25	7.04	11.99	49.72
SQU-US	2025-05-29 09:15:00	6.81	22.31	0.26	6.99	11.99	57.68
SQU-US	2025-05-29 09:30:00	6.81	22.18	0.28	6.94	11.99	53.80
SQU-US	2025-05-29 09:45:00	6.80	23.51	0.22	6.98	12.01	58.55
SQU-US	2025-05-29 10:00:00	6.85	23.71	0.23		12.02	48.91
SQU-US	2025-05-29 10:15:00	6.87	24.15	0.23	7.00	12.01	63.03
SQU-US	2025-05-29 10:30:00	6.88	23.89	0.24	6.99	12.06	63.62
SQU-US	2025-05-29 10:45:00	6.91	22.33	0.23	7.04	12.03	69.82
SQU-US	2025-05-29 11:00:00	6.91	22.77	0.27	6.96	12.04	54.13
SQU-US	2025-05-29 11:15:00	6.96	22.56	0.28	6.93	12.04	58.87
SQU-US	2025-05-29 11:30:00	6.95	22.81	0.29	6.86	12.03	53.74
SQU-US	2025-05-29 11:45:00	6.99	24.10	0.20	7.04	12.04	60.52
SQU-US	2025-05-29 12:00:00	7.00	23.78	0.23	7.01	12.06	57.69
SQU-US	2025-05-29 12:15:00	7.19	24.15	0.24	6.98	12.05	75.63
SQU-US	2025-05-29 12:30:00	7.29	23.70	0.24	7.00	12.05	60.40
SQU-US	2025-05-29 12:45:00	7.41	22.87	0.22	7.07	12.03	54.37

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-US	2025-05-29 13:00:00	7.49	22.39	0.26	7.00	12.02	59.89
SQU-US	2025-05-29 13:15:00	7.57	22.33	0.28	6.96	12.03	56.63
SQU-US	2025-05-29 13:30:00	7.65	22.22	0.29	6.89	12.02	52.84
SQU-US	2025-05-29 13:45:00	7.68	23.75	0.22	6.97	12.00	91.22
SQU-US	2025-05-29 14:00:00	7.73	23.77	0.24	6.97	11.99	58.45
SQU-US	2025-05-29 14:15:00	7.80	24.11	0.24	7.01	11.98	54.45
SQU-US	2025-05-29 14:30:00	7.89	23.75	0.24	7.00	11.96	60.31
SQU-US	2025-05-29 14:45:00	7.99	22.48	0.23	7.03	11.95	50.78
SQU-US	2025-05-29 15:00:00	8.00	22.63	0.27	6.96	11.92	55.03
SQU-US	2025-05-29 15:15:00	7.96	22.32	0.28	7.05	11.92	64.21
SQU-US	2025-05-29 15:30:00	7.93	22.82	0.29	6.91	11.91	60.62
SQU-US	2025-05-29 15:45:00	7.91	24.17	0.21	7.03	11.90	54.72
SQU-US	2025-05-29 16:00:00	7.91	23.99	0.24	7.04	11.87	63.80
SQU-US	2025-05-29 16:15:00	7.94	23.87	0.25	6.98	11.86	69.97
SQU-US	2025-05-29 16:30:00	7.94	23.76	0.25	7.03	11.84	65.89
SQU-US	2025-05-29 16:45:00	7.99	22.22	0.21	6.96	11.83	58.19
SQU-US	2025-05-29 17:00:00	8.10	21.86	0.26	6.92	11.83	73.82
SQU-US	2025-05-29 17:15:00	8.17	22.01	0.28	6.95	11.83	65.94
SQU-US	2025-05-29 17:30:00	8.23	22.19	0.29	7.00	11.80	74.17
SQU-US	2025-05-29 17:45:00	8.28	23.54	0.23	6.99	11.80	76.07
SQU-US	2025-05-29 18:00:00	8.31	23.37	0.24	7.00	11.78	81.07
SQU-US	2025-05-29 18:15:00	8.32	23.22	0.25	6.97	11.75	72.28
SQU-US	2025-05-29 18:30:00	8.32	23.24	0.25	7.00	11.78	80.29
SQU-US	2025-05-29 18:45:00	8.28	21.45	0.22	6.97	11.76	88.00
SQU-US	2025-05-29 19:00:00	8.26	21.66	0.26	7.02	11.75	91.19
SQU-US	2025-05-29 19:15:00	8.21	21.95	0.28	6.87	11.73	88.81
SQU-US	2025-05-29 19:30:00	8.16	21.88	0.29	6.89	11.75	81.31
SQU-US	2025-05-29 19:45:00	8.11	23.04	0.23	6.94	11.77	98.11
SQU-US	2025-05-29 20:00:00	8.07	23.45	0.24	7.00	11.77	86.05
SQU-US	2025-05-29 20:15:00	8.01	23.18	0.24	7.00	11.77	86.92
SQU-US	2025-05-29 20:30:00	7.94	22.80	0.25	7.01	11.78	83.95
SQU-US	2025-05-29 20:45:00	7.94	21.29	0.25	7.04	11.77	95.91
SQU-US	2025-05-29 21:00:00	7.87	21.68	0.27	6.96	11.79	99.26
SQU-US	2025-05-29 21:15:00	7.86	21.14	0.29	6.92	11.79	101.67
SQU-US	2025-05-29 21:30:00	7.77	21.39	0.29	6.97	11.81	86.30
SQU-US	2025-05-29 21:45:00	7.72	23.24	0.22	6.95	11.83	102.93
SQU-US	2025-05-29 22:00:00	7.66	22.99	0.22	6.95	11.86	100.68
SQU-US	2025-05-29 22:15:00	7.61	22.79	0.23	6.99	11.86	117.23
SQU-US	2025-05-29 22:30:00	7.53	23.10	0.25	6.96	11.90	106.66
SQU-US	2025-05-29 22:45:00	7.48	21.22	0.22	7.03	11.90	102.23
SQU-US	2025-05-29 23:00:00	7.43	21.04	0.26	6.92	11.91	97.47
SQU-US	2025-05-29 23:15:00	7.35	20.89	0.28	6.92	11.94	82.03
SQU-US	2025-05-29 23:30:00	7.27	21.16	0.29	6.97	11.96	85.63
SQU-US	2025-05-29 23:45:00	7.22	22.62	0.23	6.97	11.97	107.37

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-US	2025-05-30 00:00:00	7.13	22.43	0.25		11.99	76.52
SQU-US	2025-05-30 00:15:00	7.08	22.43	0.25	6.92	12.00	95.97
SQU-US	2025-05-30 00:30:00	7.02	22.33	0.25	6.92	12.01	89.33
SQU-US	2025-05-30 00:45:00	6.99	20.81	0.24	6.90	12.01	97.82
SQU-US	2025-05-30 01:00:00	6.90	21.09	0.27	6.89	12.04	84.12
SQU-US	2025-05-30 01:15:00	6.85	21.15	0.29	6.89	12.09	103.23
SQU-US	2025-05-30 01:30:00	6.80	21.12	0.29	6.91	12.05	111.60
SQU-US	2025-05-30 01:45:00	6.74	21.60	0.25	6.91	12.12	99.80
SQU-US	2025-05-30 02:00:00	6.68	21.96	0.25	6.93	12.12	85.21
SQU-US	2025-05-30 02:15:00	6.61	21.93	0.25	6.97	12.13	89.08
SQU-US	2025-05-30 02:30:00	6.55	21.99	0.26	6.91	12.13	83.77
SQU-US	2025-05-30 02:45:00	6.50	20.69	0.22	6.85	12.14	67.68
SQU-US	2025-05-30 03:00:00	6.45	20.82	0.27	6.85	12.14	73.44
SQU-US	2025-05-30 03:15:00	6.41	21.07	0.29	6.81	12.15	88.14
SQU-US	2025-05-30 03:30:00	6.34	20.93	0.30	6.85	12.17	74.10
SQU-US	2025-05-30 03:45:00	6.35	21.91	0.22	6.93	12.16	78.34
SQU-US	2025-05-30 04:00:00	6.27	22.32	0.25	6.83	12.18	72.35
SQU-US	2025-05-30 04:15:00	6.23	22.62	0.25	6.87	12.19	68.16
SQU-US	2025-05-30 04:30:00	6.24	21.96	0.26	6.85	12.18	85.12
SQU-US	2025-05-30 04:45:00	6.16	20.93	0.25	6.91	12.19	76.62
SQU-US	2025-05-30 05:00:00	6.18	21.11	0.28	6.84	12.17	81.21
SQU-US	2025-05-30 05:15:00	6.15	20.86	0.29	6.94	12.21	79.72
SQU-US	2025-05-30 05:30:00	6.11	21.12	0.30	6.83	12.20	75.17
SQU-US	2025-05-30 05:45:00	6.08	22.36	0.26	6.71	12.22	93.31
SQU-US	2025-05-30 06:00:00	6.05	22.66	0.26	6.86	12.20	78.50
SQU-US	2025-05-30 06:15:00	6.02	22.68	0.26	6.90	12.24	75.04
SQU-US	2025-05-30 06:30:00	5.99	22.76	0.27	6.95	12.24	79.57
SQU-US	2025-05-30 06:45:00	6.04	21.06	0.24	6.89	12.22	87.46
SQU-US	2025-05-30 07:00:00	6.00	21.47	0.28	6.92	12.21	67.23
SQU-US	2025-05-30 07:15:00	6.01	21.45	0.29	6.96	12.21	91.00
SQU-US	2025-05-30 07:30:00	6.01	21.45	0.30	6.89	12.22	82.67
SQU-US	2025-05-30 07:45:00	6.00	22.86	0.27	6.93	12.21	65.39
SQU-US	2025-05-30 08:00:00	6.03	23.13	0.26	6.95	12.22	70.20
SQU-US	2025-05-30 08:15:00	6.01	23.33	0.26	6.97	12.22	67.10
SQU-US	2025-05-30 08:30:00	6.04	23.65	0.26	6.96	12.21	75.74
SQU-US	2025-05-30 08:45:00	6.10	24.06	0.17	6.95	12.20	93.14
SQU-US	2025-05-30 09:00:00	6.11	23.75	0.26	6.98	12.21	80.04
SQU-US	2025-05-30 09:15:00	6.14	23.89	0.28	6.96	12.19	58.14
SQU-US	2025-05-30 09:30:00	6.17	24.23	0.30	6.97	12.20	69.83
SQU-US	2025-05-30 09:45:00	6.19	24.47	0.26	6.94	12.20	62.91
SQU-US	2025-05-30 10:00:00	6.22	24.40	0.26	6.99	12.19	63.44
SQU-US	2025-05-30 10:15:00	6.24	24.52	0.27	7.01	12.19	63.71
SQU-US	2025-05-30 10:30:00	6.26	25.15	0.27	7.02	12.17	71.65
SQU-US	2025-05-30 10:45:00	6.29	23.51	0.25	7.01	12.16	67.88

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-US	2025-05-30 11:00:00	6.37	24.00	0.29	6.91	12.15	69.31
SQU-US	2025-05-30 11:15:00	6.44	24.23	0.30	6.95	12.12	72.62
SQU-US	2025-05-30 11:30:00	6.51	24.21	0.30	6.97	12.11	68.12
SQU-US	2025-05-30 11:45:00	6.58	25.67	0.29	6.95	12.07	70.17
SQU-US	2025-05-30 12:00:00	6.63	25.65	0.27	6.97	12.06	98.66
SQU-US	2025-05-30 12:15:00	6.69	26.00	0.27	6.97	12.04	74.46
SQU-US	2025-05-30 12:30:00	6.74	25.92	0.28	6.87	12.03	76.49
SQU-US	2025-05-30 12:45:00	6.76	24.96	0.25	7.02	12.00	67.56
SQU-US	2025-05-30 13:00:00	6.81	24.75	0.28	6.99	11.98	71.05
SQU-US	2025-05-30 13:15:00	6.84	24.91	0.30	6.91	11.96	62.06
SQU-US	2025-05-30 13:30:00	6.86	24.78	0.32	6.81	11.93	72.52
SQU-US	2025-05-30 13:45:00	6.87	26.47	0.28	6.95	11.93	71.71
SQU-US	2025-05-30 14:00:00	6.88	26.55	0.27	6.94	11.91	77.45
SQU-US	2025-05-30 14:15:00	6.92	26.52	0.28	6.92	11.89	76.34
SQU-US	2025-05-30 14:30:00	6.95	26.92	0.28	6.98	11.86	77.66
SQU-US	2025-05-30 14:45:00	7.00	25.34	0.26	7.06	11.86	79.29
SQU-US	2025-05-30 15:00:00	7.07	25.78	0.28	7.02	11.83	83.69
SQU-US	2025-05-30 15:15:00	7.18	26.45	0.30	6.94	11.80	82.22
SQU-US	2025-05-30 15:30:00	7.23	26.33	0.31	6.93	11.77	75.75
SQU-US	2025-05-30 15:45:00	7.27	28.00	0.27	6.97	11.76	74.44
SQU-US	2025-05-30 16:00:00	7.30	27.97	0.26	6.99	11.74	77.07
SQU-US	2025-05-30 16:15:00	7.34	27.53	0.27	6.98	11.75	63.14
SQU-US	2025-05-30 16:30:00	7.40	28.01	0.28	6.98	11.71	73.06
SQU-US	2025-05-30 16:45:00	7.43	28.05	0.27	6.96	11.69	78.70
SQU-US	2025-05-30 17:00:00	7.47	27.89	0.28	6.98	11.68	66.05


Turbidity (NTU)
6000
4000
2000
0
26-May
27-May
28-May
29-May
30-May
31-May
01-Jun
02-Jun
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 [1]	WLNG EOP [2] 2025-05-27 09:47:00
In situ Parameters			
Field pH	pH Units	6.5 - 9	6.92
Field Temperature	°C	19	11.3
General Parameters			
pH	pH Units		7.4
Alkalinity (Total as CaCO3)	mg/L		45
Alkalinity (PP as CaCO3)	mg/L		<1
Hardness (CaCO3)-Total	mg/L		48.3
Hardness (CaCO3)-Dissolved	mg/L		50.2
Sulphide-Total	mg/L		<0.0018
Sulphide (as H2S)	mg/L		<0.002
Un-ionized Hydrogen Sulfide as H2S-Total	mg/L		<0.005
Un-ionized Hydrogen Sulfide as S-Total	mg/L		<0.005
Anions and Nutrients			
Ammonia (N)-Total	mg/L	20.2	<0.015
Bicarbonate (HCO3)	mg/L		55
Carbonate (CO3)	mg/L		<1
Hydroxide (OH)	mg/L		<1
Nitrate (N)	mg/L	32.8	<0.02
Nitrite (N)	mg/L	0.24	<0.005
Nitrate plus Nitrite (N)	mg/L		<0.02
Nitrogen (N)-Total	mg/L		0.075
Phosphorus (P)-Total (4500-P)	mg/L		0.0016
Bromide (Br)	mg/L		<0.01
Chloride (Cl)	mg/L	600	7.6
Fluoride (F)	mg/L	1.042	0.14
Sulphate (SO4)-Dissolved	mg/L		6.5
Total Metals			
Aluminum (Al)-Total	mg/L		0.0278
Antimony (Sb)-Total	mg/L	0.25	0.000375
Arsenic (As)-Total	mg/L		0.000869
Barium (Ba)-Total	mg/L		0.00138
Beryllium (Be)-Total	mg/L		<0.00001
Bismuth (Bi)-Total	mg/L		<0.000005
Boron (B)-Total	mg/L		0.012
Cadmium (Cd)-Total	mg/L		<0.000005
Calcium (Ca)-Total	mg/L		17.9
Cesium (Cs)-Total	mg/L		<0.00005
Chromium (Cr)-Total	mg/L		<0.0001
Chromium III-Total	mg/L		<0.00099
Chromium (Cr VI)-Total	mg/L		<0.00099
Cobalt (Co)-Total	mg/L	0.11	0.0000267
Copper (Cu)-Total	mg/L		0.000259
Iron (Fe)-Total	mg/L	1	0.0038
Lead (Pb)-Total	mg/L		0.000033
Lithium (Li)-Total	mg/L		0.00253
Magnesium (Mg)-Total	mg/L		0.853
Manganese (Mn)-Total	mg/L	1.072	0.00874
Mercury (Hg)-Total	mg/L		<0.0000019
Molybdenum (Mo)-Total	mg/L	46	0.015
Nickel (Ni)-Total	mg/L		<0.00002

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1]	WLNG EOP [2] 2025-05-27 09:47:00
Phosphorus (P)-Total (ICPMS)	mg/L		0.003
Potassium (K)-Total	mg/L		1.54
Rubidium (Rb)-Total	mg/L		0.00337
Selenium (Se)-Total	mg/L		<0.00004
Silicon (Si)-Total	mg/L		5.29
Silver (Ag)-Total	mg/L		<0.000005
Sodium (Na)-Total	mg/L		4.29
Strontium (Sr)-Total	mg/L		0.0353
Sulphur (S)-Total	mg/L		<3
Tellurium (Te)-Total	mg/L		<0.00002
Thallium (Tl)-Total	mg/L		0.0000131
Thorium (Th)-Total	mg/L		<0.00005
Tin (Sn)-Total	mg/L		<0.0002
Titanium (Ti)-Total	mg/L		<0.0005
Uranium (U)-Total	mg/L	0.0165	0.00055
Vanadium (V)-Total	mg/L		<0.0002
Zinc (Zn)-Total	mg/L		0.00071
Zirconium (Zr)-Total	mg/L		<0.0001
Dissolved Metals			
Aluminum (Al)-Dissolved	mg/L		0.0281
Antimony (Sb)-Dissolved	mg/L		0.000376
Arsenic (As)-Dissolved	mg/L		0.00087
Barium (Ba)-Dissolved	mg/L		0.00131
Beryllium (Be)-Dissolved	mg/L		<0.00001
Bismuth (Bi)-Dissolved	mg/L		<0.000005
Boron (B)-Dissolved	mg/L		0.013
Cadmium (Cd)-Dissolved	mg/L	0.000278	<0.000005
Calcium (Ca)-Dissolved	mg/L		18.6
Cesium (Cs)-Dissolved	mg/L		<0.00005
Chromium (Cr)-Dissolved	mg/L		<0.0001
Cobalt (Co)-Dissolved	mg/L		0.0000288
Copper (Cu)-Dissolved	mg/L	0.0002	**0.000229**
Iron (Fe)-Dissolved	mg/L	0.35	0.0021
Lead (Pb)-Dissolved	mg/L		0.0000246
Lithium (Li)-Dissolved	mg/L		0.00261
Manganese (Mn)-Dissolved	mg/L		0.0088
Magnesium (Mg)-Dissolved	mg/L		0.906
Mercury (Hg)-Dissolved	mg/L		<0.0000019
Molybdenum (Mo)-Dissolved	mg/L		0.0156
Nickel (Ni)-Dissolved	mg/L	0.0176	0.000043
Phosphorus (P)-Dissolved	mg/L		<0.002
Potassium (K)-Dissolved	mg/L		1.52
Rubidium (Rb)-Dissolved	mg/L		0.00341
Selenium (Se)-Dissolved	mg/L		0.000051
Silicon (Si)-Dissolved	mg/L		5.64
Silver (Ag)-Dissolved	mg/L		<0.000005
Sodium (Na)-Dissolved	mg/L		4.59
Strontium (Sr)-Dissolved	mg/L		0.0361
Sulphur (S)-Dissolved	mg/L		<3
Tellurium (Te)-Dissolved	mg/L		<0.00002
Thallium (Tl)-Dissolved	mg/L		0.000013

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1]	WLNG EOP [2] 2025-05-27 09:47:00
Thorium (Th)-Dissolved	mg/L		<0.00005
Tin (Sn)-Dissolved	mg/L		<0.0002
Titanium (Ti)-Dissolved	mg/L		<0.0005
Uranium (U)-Dissolved	mg/L		0.000573
Vanadium (V)-Dissolved	mg/L		0.00025
Zinc (Zn)-Dissolved	mg/L	0.018446	0.00055
Zirconium (Zr)-Dissolved	mg/L		<0.0001
Inorganics			
Organic Carbon (C)-Total	mg/L		0.67
Organic Carbon (C)-Dissolved	mg/L		0.54
Solids-Total Dissolved	mg/L		70
Solids-Total Suspended	mg/L	26	1.2
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 [1]	WLNG EOP [2] 2025-05-27 09:47:00
1,1-Dichloroethene	mg/L		<0.0005
1,2,3-trichlorobenzene	mg/L		<0.002
1,2,4-trichlorobenzene	mg/L		<0.002
1,2-dibromoethane	mg/L		<0.0002
1,2-Dichlorobenzene	mg/L		<0.0005
1,2-Dichloroethane	mg/L		<0.0005
1,2-Dichloropropane	mg/L		<0.0005
1,3,5-trimethylbenzene	mg/L		<0.002
1,3-Butadiene	mg/L		<0.0005
1,3-Dichlorobenzene	mg/L		<0.0005
1,3-dichloropropane	mg/L		<0.001
1,4-Dichlorobenzene	mg/L		<0.0005
Benzene	mg/L		<0.0004
Bromobenzene	mg/L		<0.002
Bromodichloromethane	mg/L		<0.001
Bromoform	mg/L		<0.001
Bromomethane	mg/L		<0.001
Carbon tetrachloride	mg/L		<0.0005
Chlorobenzene	mg/L		<0.0005
Chloroethane	mg/L		<0.001
Chloroform	mg/L		<0.001
Chloromethane	mg/L		<0.001
cis-1,2-Dichloroethene	mg/L		<0.001
cis-1,3-Dichloropropene	mg/L		<0.001
Dibromochloromethane	mg/L		<0.001
Dichlorodifluoromethane	mg/L		<0.002
Dichloromethane	mg/L		<0.002
Ethylbenzene	mg/L		<0.0004
Hexachlorobutadiene	mg/L		<0.0005
Isopropylbenzene	mg/L		<0.002
Methyl-tert-butylether (MTBE)	mg/L	3.4	<0.004
Styrene	mg/L		<0.0005
Tetrachloroethene	mg/L		<0.0005
Toluene	mg/L		<0.0004
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 Tests			
Daphnia magna 48-hr LC50 bioassay [3]	% effluent		>100

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

[2] **Bold text** denotes value exceeding guidelines. Note: Not all exceedances are project related.

Woodfibre Site WTP Discharge Field Notes and Logs

Water Quality Field Data Sheet

Project: FORTIS11234

Hatfie

Location Information

Site ID: WINGs - DS / EASDS

Site Name: WINGs

Site UTM: Zone: E: 123° 14' 53.421"

(NAD83) N: 49° 40' 8.736"

Date: May 27, 2025

Time: 10:11

Crew: Will Sherwin

Weather: Clear Foggy (Cloudy) Rain Snow Windy

In Situ Parameters

pH: 7.3

Temp.: 10.9 (°C)

Turbidity: 5.41 NTU

Visible Sheen: Y / (N)

DO: 42.9 (mg/L)

Cond: 125.7 (us)

Water Surface Condition: (Clear) Turbid Foaming Ice

Photo Record

Photo

Photo

Photo

May 27, 2025 10:54:53 a.m.
149° SE
Squamish-Lillooet
British Columbia

Observations

Some Sedimentation, Water was very clear

Water Quality Field Data Sheet

Project: FORTIS11234

Hatfield

Location Information

Site ID: WING - EOP

Site Name: WING

Site UTM: Zone: E: 123° 14' 59.265"

(NAD83) N: 49° 40' 9.605

Date: May 27, 2025

Time: 09: 47

Crew: Will Sherwin

Weather: Clear Foggy (Cloudy) Rain Snow Windy

In Situ Parameters

pH: 6.92

Temp.: 11.1 °C (°C)

Turbidity: 2.15 NTU

DO: 30.2 (mg/L)

Cond: 152.9 (us)

Visible Sheen: Y (N)

Water Surface Condition: (Clear) Turbid Foaming Ice

Photo Record

Photo

Photo

Photo

May 27, 2025 10:55:03 a.m.
143° SE
Squamish-Lillooet
British Columbia

Observations

Surrounding area extremely muddy.

Water Quality Field Data Sheet

Project: FORTIS11234

Location Information

Site ID: WING-US/EASUS
Site Name: WING
Site UTM: Zone: E: 123 15 1.844
(NAD83) N: 49 40 9.674"

Date: May 27, 2025
Time: 09:12
Crew: Will Sherwin

Weather: Clear Foggy (Cloudy) Rain Snow Windy

In Situ Parameters

pH: 6.32
Temp.: 10.6 (°C)
Turbidity: 3.34 NTU
Visible Sheen: Y / (N)
Water Surface Condition: (Clear) Turbid Foaming Ice

DO: 30.4 (mg/L)
Cond: 39.1 (us)

Photo Record

Photo

Photo

Photo

Observations

Some Algae growth observed

May 27, 2025 10:54:40 a.m.
155° SE
Squamish-Lillooet
British Columbia

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 26, 2025 to June 1, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 04, 2025**

Table of Contents:

1. Executive Summary and Field Notes:

The discharged water consistently remained within regulatory guidelines. The key parameters, including temperature, pH, NTU, salinity, conductivity, and oxidation-reduction potential (ORP), were monitored throughout the discharge process and remained within the prescribed limits. No visible sheen observed on top of the WTP tanks and discharged water. All relevant parameters were measured using YSI instruments and WTP probes. The total discharge volume up to May 26 was 282,236 m^3.

Daily Volume Summary:

Table 1: Discharge Volumes Daily Summary

Date	Location	Volume (m3)	Comments
May 26	Woodfibre (WF)	2,468	Exceeded discharge volume limit
May 27	WF	2,451	Exceeded discharge volume limit
May 28	WF	2,560	Exceeded discharge volume limit
May 29	WF	2,666	Exceeded discharge volume limit
May 30	WF	2,719	Exceeded discharge volume limit
May 31	WF	2,500	Exceeded discharge volume limit
June 01	WF	2,538	Exceeded discharge volume limit
	Total	17,902	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)
5/26/2025	0:00:00	7.4	1.900	0	282,236	12.2	272
5/26/2025	0:15:00	7.4	2.400	1.3	282,270	12.1	269
5/26/2025	0:30:00	7.4	2.388	0.5	282,284	12.4	271
5/26/2025	0:45:00	7.4	2.366	1.5	282,314	12	271
5/26/2025	1:00:00	7.4	1.472	1.4	282,349	12	271
5/26/2025	1:30:00	7.3	2.328	1.3	282,375	12	271
5/26/2025	1:45:00	7.3	2.301	0.4	282,410	12	271
5/26/2025	2:00:00	7.3	2.294	2	282,417	12.3	272
5/26/2025	2:15:00	7.4	2.256	0.1	282,452	12	271
5/26/2025	2:30:00	7.3	1.582	0	282,471	11.9	274
5/26/2025	2:45:00	7.3	2.426	1.2	282,496	12	272
5/26/2025	3:00:00	7.4	2.411	0.9	282,532	12.1	273
5/26/2025	3:15:00	7.4	2.388	1	282,568	12.1	273
5/26/2025	3:45:00	7.4	2.025	1.3	282,607	12.1	276
5/26/2025	4:00:00	7.4	1.400	2.8	282,622	12	272
5/26/2025	4:15:00	7.4	2.426	1.4	282,652	12	276
5/26/2025	4:30:00	7.3	1.181	3.7	282,684	12	276
5/26/2025	4:45:00	7.3	2.460	0.4	282,718	12	276
5/26/2025	5:15:00	7.3	2.426	1.5	282,770	11.9	269
5/26/2025	5:30:00	7.3	1.139	10.5	282,799	11.8	267
5/26/2025	5:45:00	7.3	2.407	2	282,832	11.8	267

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 26, 2025 to June 1, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/26/2025	6:00:00	7.3	1.238	2.1	282,859	11.7	269
5/26/2025	6:30:00	7.3	2.173	5.1	282,880	12.8	267
5/26/2025	6:45:00	7.3	2.309	2.4	282,908	11.9	264
5/26/2025	7:00:00	7.3	1.798	2.9	282,939	11.9	268
5/26/2025	7:15:00	7.3	2.260	1.7	282,973	11.9	266
5/26/2025	7:30:00	7.3	2.192	2.6	283,007	12	269
5/26/2025	7:45:00	7.3	2.131	2	283,039	12	269
5/26/2025	8:00:00	7.3	1.711	5.9	283,068	11.9	264
5/26/2025	8:15:00	7.3	1.230	2.5	283,096	11.7	114
5/26/2025	8:30:00	7.3	2.358	1.1	283,120	11.7	114
5/26/2025	9:00:00	7.3	2.388	0.4	283,162	11.8	114
5/26/2025	9:15:00	7.3	1.730	1.6	283,174	12	114
5/26/2025	9:45:00	7.3	1.571	1.1	283,217	11.9	114
5/26/2025	10:00:00	7	2.362	2	283,243	11.8	114
5/26/2025	10:15:00	6.9	2.358	0.2	283,261	12.4	114
5/26/2025	10:30:00	7.3	2.146	0.1	283,294	12.5	114
5/26/2025	10:45:00	7.3	2.093	0	283,325	12.2	115
5/26/2025	11:00:00	7.3	0.148	0.2	283,351	12.6	261
5/26/2025	11:15:00	7.4	0.250	10.4	283,361	12.5	266
5/26/2025	11:30:00	7.4	2.051	1.7	283,390	12.1	266
5/26/2025	11:45:00	7.4	1.499	1.1	283,419	12.2	269
5/26/2025	12:00:00	7.4	2.456	6	283,443	12.3	266
5/26/2025	12:15:00	7.4	2.513	4.4	283,481	12.2	264
5/26/2025	12:30:00	7.4	2.120	3.7	283,513	12.4	264
5/26/2025	12:45:00	7.4	2.263	3.3	283,545	12.7	264

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 26, 2025 to June 1, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/26/2025	13:00:00	7.4	1.302	4.5	283,572	13.5	265
5/26/2025	13:15:00	7.4	2.188	3.9	283,591	12.8	261
5/26/2025	13:30:00	7.4	2.180	7.6	283,624	12.8	264
5/26/2025	13:45:00	7.4	2.150	0.8	283,656	12.9	262
5/26/2025	14:15:00	7.4	2.199	0.7	283,703	13.2	264
5/26/2025	14:30:00	7.4	2.127	0	283,735	13.1	261
5/26/2025	14:45:00	7.4	2.093	0	283,761	13.6	264
5/26/2025	15:00:00	7.4	1.991	0	283,782	13.9	267
5/26/2025	15:15:00	7.4	1.998	0	283,812	13.3	263
5/26/2025	15:30:00	7.4	1.991	0	283,842	13.2	262
5/26/2025	15:45:00	7.4	1.972	0	283,872	13.2	261
5/26/2025	16:00:00	7.3	1.332	3.3	283,895	13.9	264
5/26/2025	16:15:00	7.4	2.074	0	283,920	13.5	264
5/26/2025	16:30:00	7.4	2.063	0	283,951	13.4	263
5/26/2025	16:45:00	7.4	2.040	0	283,982	13.4	261
5/26/2025	17:00:00	7.4	2.017	0	284,012	13.4	117
5/26/2025	17:30:00	7.3	0.428	0	284,049	13.4	256
5/26/2025	17:45:00	7.3	2.101	0	284,060	13	261
5/26/2025	18:00:00	7.3	2.104	0.2	284,092	12.7	261
5/26/2025	18:15:00	7.3	2.074	0	284,123	12.5	114
5/26/2025	18:30:00	7.3	1.136	0	284,145	12.9	114
5/26/2025	18:45:00	7.3	2.229	0	284,171	12.4	114
5/26/2025	19:00:00	7.4	2.116	0	284,204	12.3	114
5/26/2025	19:15:00	7.4	2.101	0	284,236	12.3	114
5/26/2025	19:45:00	7.4	2.150	0.7	284,284	12.3	114

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 26, 2025 to June 1, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/26/2025	20:00:00	7.4	0.560	0.2	284,311	12.4	114
5/26/2025	20:15:00	7.4	2.320	3.9	284,323	12.6	114
5/26/2025	20:30:00	7.4	2.350	0.7	284,350	12.2	114
5/26/2025	20:45:00	7.4	2.309	1.3	284,380	12.3	114
5/26/2025	21:00:00	7.4	2.286	1.5	284,407	12.2	114
5/26/2025	21:15:00	7.4	2.263	1.1	284,441	12.2	263
5/26/2025	21:30:00	7.5	2.248	2.6	284,467	12.1	262
5/26/2025	22:00:00	7.5	1.923	2.5	284,516	12	264
5/26/2025	22:15:00	7.5	2.245	1	284,548	12	266
5/26/2025	22:30:00	7.5	2.226	2.8	284,582	12.1	266
5/26/2025	22:45:00	7.5	2.142	4.8	284,597	12.4	266
5/26/2025	23:15:00	7.5	2.313	6.5	284,637	12.1	266
5/26/2025	23:30:00	7.5	2.301	4.2	284,671	12.1	266
5/26/2025	23:45:00	7.5	1.802	0.2	284,704	12.2	266
5/27/2025	0:00:00	7.5	2.279	4.5	284,736	12.2	266
5/27/2025	0:15:00	7.5	2.222	6.7	284,770	12.2	266
5/27/2025	0:30:00	7.5	2.252	6.1	284,786	12.2	268
5/27/2025	1:00:00	7.5	1.855	11.1	284,834	12.3	268
5/27/2025	1:15:00	7.5	2.339	7.8	284,861	12.2	264
5/27/2025	1:30:00	7.5	2.366	8.4	284,877	12.3	264
5/27/2025	1:45:00	7.4	0.594	3.5	284,903	12.4	264
5/27/2025	2:15:00	7.4	2.388	4.7	284,961	11.9	114
5/27/2025	2:30:00	7.4	2.422	3.3	284,994	11.9	114
5/27/2025	2:45:00	7.4	2.396	2	285,030	11.8	114
5/27/2025	3:00:00	7.4	2.373	3.4	285,066	11.7	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/27/2025	3:15:00	7.4	2.400	2	285,082	11.7	114
5/27/2025	3:30:00	7.4	2.411	2.9	285,114	11.7	114
5/27/2025	3:45:00	7.4	2.419	2	285,134	11.7	114
5/27/2025	4:00:00	7.4	2.407	3.3	285,170	11.6	114
5/27/2025	4:30:00	7.4	2.468	3.3	285,206	11.6	114
5/27/2025	5:00:00	7.4	2.426	2.8	285,258	11.5	114
5/27/2025	5:30:00	7.4	2.403	4.6	285,312	11.6	114
5/27/2025	6:00:00	7.4	1.828	1.7	285,365	11.6	114
5/27/2025	6:15:00	7.4	1.866	0.8	285,387	11.6	114
5/27/2025	6:30:00	7.4	2.472	1.2	285,409	11.5	114
5/27/2025	6:45:00	7.4	1.870	3	285,446	11.5	114
5/27/2025	7:00:00	7.4	0.863	1.9	285,459	12.3	117
5/27/2025	7:15:00	7.4	1.911	1.8	285,485	11.7	114
5/27/2025	7:30:00	7.4	2.347	3.3	285,520	11.6	114
5/27/2025	7:45:00	7.4	2.324	2.8	285,555	11.5	114
5/27/2025	8:00:00	7.4	2.362	1.8	285,576	11.4	114
5/27/2025	8:15:00	7.4	1.885	1.4	285,609	11.4	114
5/27/2025	8:30:00	7.4	1.722	6.4	285,620	11.5	114
5/27/2025	8:45:00	7.4	2.222	7	285,635	11.5	114
5/27/2025	9:00:00	7.4	2.313	3.2	285,670	11.5	114
5/27/2025	9:15:00	7.4	2.343	6.5	285,703	11.5	114
5/27/2025	9:30:00	7.4	2.017	5.2	285,732	11.6	114
5/27/2025	9:45:00	7.4	2.014	0	285,762	11.6	114
5/27/2025	10:00:00	7.4	1.427	11.8	285,789	12.1	114
5/27/2025	10:15:00	7.4	1.877	13.4	285,813	12.3	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/27/2025	10:30:00	7.4	2.241	0	285,843	11.9	114
5/27/2025	10:45:00	7.4	2.104	0.4	285,856	12	261
5/27/2025	11:00:00	7.3	2.097	0	285,887	12.2	263
5/27/2025	11:30:00	7.3	2.055	0	285,930	12.2	264
5/27/2025	11:45:00	7.3	1.650	5.4	285,955	12.5	264
5/27/2025	12:00:00	7.2	1.325	6.6	285,977	13	264
5/27/2025	12:15:00	7.2	2.222	5.4	286,006	14.1	264
5/27/2025	12:30:00	7.3	2.116	0	286,038	12.2	264
5/27/2025	12:45:00	7.3	2.332	0	286,071	12.2	263
5/27/2025	13:00:00	7.3	2.263	1	286,105	12.3	263
5/27/2025	13:15:00	7.3	2.222	0	286,139	12.3	263
5/27/2025	13:30:00	7.3	2.142	0	286,171	12.4	263
5/27/2025	14:00:00	7.3	2.161	0.7	286,211	12.6	263
5/27/2025	14:15:00	7.3	2.089	0.2	286,243	12.5	264
5/27/2025	14:30:00	7.3	1.711	4.1	286,272	12.4	114
5/27/2025	15:00:00	7.4	2.279	1.6	286,326	12.4	116
5/27/2025	15:15:00	7.4	2.229	2	286,341	12.8	117
5/27/2025	15:30:00	7.4	2.207	1.9	286,372	12.4	116
5/27/2025	16:00:00	7.4	2.029	0.4	286,410	12.6	117
5/27/2025	16:15:00	7.3	1.964	0	286,440	12.8	263
5/27/2025	16:30:00	7.1	2.044	0	286,453	12.8	265
5/27/2025	16:45:00	7	2.010	0	286,483	12.7	270
5/27/2025	17:00:00	7	1.514	0	286,512	12.8	270
5/27/2025	17:15:00	7.1	2.233	0	286,540	12.7	268
5/27/2025	17:30:00	7.1	2.226	0	286,573	12.6	267

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 26, 2025 to June 1, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/27/2025	17:45:00	7.2	2.165	0	286,606	12.9	265
5/27/2025	18:00:00	7.2	2.093	0	286,638	13	265
5/27/2025	18:15:00	7.2	2.350	0	286,668	13.6	260
5/27/2025	18:30:00	7.3	2.328	0.6	286,703	12.4	117
5/27/2025	18:45:00	7.3	2.305	2.4	286,738	12.2	116
5/27/2025	19:00:00	7.3	1.575	1.7	286,769	12.5	116
5/27/2025	19:30:00	7.3	2.354	0.7	286,815	12.4	116
5/27/2025	20:00:00	7.3	0.469	0.5	286,860	12.6	114
5/27/2025	20:30:00	7.3	2.350	0.7	286,892	12.3	114
5/27/2025	20:45:00	7.3	2.392	0.4	286,922	12.2	114
5/27/2025	21:00:00	7.3	2.354	1.1	286,957	12.3	263
5/27/2025	21:15:00	7.3	2.358	2.2	286,992	12.3	263
5/27/2025	22:00:00	7.4	1.851	2.4	287,033	12.5	264
5/27/2025	22:15:00	7.4	2.509	2.2	287,052	12.5	261
5/27/2025	22:30:00	7.4	2.422	0.9	287,089	12.4	261
5/27/2025	23:00:00	7.4	2.366	0.9	287,117	12.5	263
5/27/2025	23:30:00	7.4	1.737	1.7	287,152	12.4	262
5/27/2025	23:45:00	7.4	2.430	0.3	287,187	12.3	262
5/28/2025	0:00:00	7.4	2.422	0.3	287,224	12.2	262
5/28/2025	0:15:00	7.4	2.483	16.8	287,235	12.6	262
5/28/2025	0:30:00	7.4	2.483	1.3	287,272	12.1	262
5/28/2025	0:45:00	7.4	2.513	1.9	287,305	12.1	114
5/28/2025	1:00:00	7.4	0.901	2.1	287,338	12.3	263
5/28/2025	1:30:00	7.4	2.339	0.4	287,374	12.1	114
5/28/2025	1:45:00	7.4	2.229	6.3	287,379	12.1	113

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/28/2025	2:00:00	7.4	1.957	1.4	287,406	12.1	114
5/28/2025	2:15:00	7.4	2.396	0.5	287,438	12	114
5/28/2025	2:45:00	7.4	2.350	1.5	287,491	12.1	114
5/28/2025	3:00:00	7.4	2.343	0.8	287,526	12	114
5/28/2025	3:30:00	7.4	2.422	0.7	287,574	12.1	114
5/28/2025	3:45:00	7.4	2.468	1.2	287,593	12.1	114
5/28/2025	4:00:00	7.4	2.422	1.2	287,630	12.1	114
5/28/2025	4:30:00	7.4	1.953	0.3	287,669	12.1	114
5/28/2025	4:45:00	7.4	2.354	1.2	287,688	12.4	114
5/28/2025	5:00:00	7.4	2.483	0.9	287,720	12	114
5/28/2025	5:30:00	7.4	2.562	1.5	287,766	12.6	114
5/28/2025	5:45:00	7.4	1.987	0.7	287,798	12	114
5/28/2025	6:00:00	7.4	2.025	0	287,834	11.9	114
5/28/2025	6:15:00	7.4	2.623	1	287,847	12.3	114
5/28/2025	6:45:00	7.4	1.961	0.3	287,898	11.9	114
5/28/2025	7:00:00	7.4	2.562	0.4	287,931	11.8	114
5/28/2025	7:15:00	7.4	2.536	0.5	287,944	12	114
5/28/2025	7:30:00	7.4	2.339	1	287,980	11.7	114
5/28/2025	7:45:00	7.4	2.385	0.9	288,015	11.7	114
5/28/2025	8:15:00	7.4	1.624	0	288,064	11.9	114
5/28/2025	8:45:00	7.4	2.449	0	288,113	12	114
5/28/2025	9:00:00	7.4	2.419	0	288,150	12	114
5/28/2025	9:15:00	7.4	2.419	0	288,186	12.1	114
5/28/2025	9:30:00	7.4	1.836	0	288,201	12.3	114
5/28/2025	9:45:00	7.4	2.362	1.3	288,221	12.3	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/28/2025	10:00:00	7.4	2.256	0	288,255	12.2	114
5/28/2025	10:30:00	7.4	2.267	0	288,305	12.5	114
5/28/2025	10:45:00	7.4	1.245	1.6	288,328	12.4	114
5/28/2025	11:00:00	7.4	2.161	0	288,355	12.7	114
5/28/2025	11:15:00	7.4	2.120	0	288,387	12.7	114
5/28/2025	11:30:00	7.4	2.120	0	288,419	13	114
5/28/2025	11:45:00	7.4	1.408	2.6	288,443	12.8	114
5/28/2025	12:00:00	7.4	2.139	0	288,469	13	114
5/28/2025	12:15:00	7.3	2.074	0	288,501	14.1	116
5/28/2025	12:45:00	7.3	1.302	0	288,541	14.8	116
5/28/2025	13:00:00	7.3	2.082	3.7	288,549	16.2	255
5/28/2025	13:15:00	7.4	1.575	0	288,578	13.4	116
5/28/2025	13:30:00	7.4	2.135	0	288,608	13.4	116
5/28/2025	13:45:00	7.4	2.104	0	288,640	13.4	116
5/28/2025	14:00:00	7.4	2.074	0.6	288,671	13.3	116
5/28/2025	14:15:00	7.4	2.581	1.3	288,706	13.4	116
5/28/2025	14:30:00	7.4	2.483	1.2	288,743	13.5	116
5/28/2025	14:45:00	7.4	1.658	1.7	288,776	14	117
5/28/2025	15:00:00	7.3	2.173	2.2	288,804	15.3	255
5/28/2025	15:15:00	7.3	2.089	1.1	288,836	15.8	256
5/28/2025	15:30:00	7.3	1.779	3.1	288,851	15.6	256
5/28/2025	15:45:00	7.4	2.324	0.5	288,874	13.4	116
5/28/2025	16:00:00	7.4	2.566	0.2	288,910	13.3	116
5/28/2025	16:15:00	7.4	1.764	0	288,944	13.6	117
5/28/2025	16:45:00	7.4	2.146	0.8	289,005	13.4	117

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/28/2025	17:00:00	7.4	2.157	0	289,037	13.6	117
5/28/2025	17:15:00	7.4	2.146	0	289,070	13.6	117
5/28/2025	17:30:00	7.4	1.616	0	289,101	13.4	117
5/28/2025	18:00:00	7.4	2.309	0	289,136	13.8	117
5/28/2025	18:15:00	7.5	1.760	2.1	289,170	13.1	117
5/28/2025	18:30:00	7.4	2.226	0	289,193	13.2	117
5/28/2025	18:45:00	7.4	2.218	0	289,226	13.2	117
5/28/2025	19:00:00	7.4	2.150	0	289,257	13.1	117
5/28/2025	19:15:00	7.4	2.131	0	289,289	13	117
5/28/2025	19:30:00	7.4	1.669	0	289,320	13.2	116
5/28/2025	19:45:00	7.4	2.192	0	289,350	12.9	116
5/28/2025	20:00:00	7.4	1.450	1	289,380	12.7	116
5/28/2025	20:15:00	7.4	2.631	0	289,413	12.6	117
5/28/2025	20:30:00	7.4	1.760	0	289,447	12.6	116
5/28/2025	20:45:00	7.4	2.699	0	289,469	12.6	116
5/28/2025	21:00:00	7.4	2.676	0	289,489	12.7	117
5/28/2025	21:15:00	7.4	2.574	0	289,529	12.6	116
5/28/2025	21:30:00	7.4	1.972	0	289,563	12.6	117
5/28/2025	21:45:00	7.4	2.396	0	289,599	12.6	116
5/28/2025	22:00:00	7.4	2.358	0	289,611	12.9	116
5/28/2025	22:15:00	7.4	0.840	0	289,630	13.3	117
5/28/2025	22:30:00	7.4	2.286	0	289,654	13	117
5/28/2025	22:45:00	7.4	2.195	0	289,687	12.8	116
5/28/2025	23:00:00	7.4	2.203	0	289,720	12.8	116
5/28/2025	23:15:00	7.4	2.173	0	289,752	12.7	117

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/28/2025	23:30:00	7.4	1.529	0	289,784	12.7	117
5/28/2025	23:45:00	7.4	2.896	0	289,824	12.4	116
5/29/2025	0:00:00	7.4	2.907	0	289,864	12.5	114
5/29/2025	0:15:00	7.4	2.911	0.9	289,889	12.6	117
5/29/2025	0:45:00	7.4	2.861	0.6	289,954	12.6	117
5/29/2025	1:00:00	7.4	2.861	0.5	289,969	12.6	114
5/29/2025	1:15:00	7.4	2.419	0	290,006	12.7	115
5/29/2025	1:30:00	7.4	2.316	0	290,025	12.8	117
5/29/2025	1:45:00	7.4	2.786	0.6	290,065	12.7	117
5/29/2025	2:00:00	7.4	2.835	1.9	290,098	12.7	117
5/29/2025	2:15:00	7.4	2.755	0.8	290,117	13.1	117
5/29/2025	2:30:00	7.5	0.265	0.2	290,151	12.9	116
5/29/2025	2:45:00	7.4	2.525	0	290,171	12.6	117
5/29/2025	3:00:00	7.4	2.070	0	290,207	12.6	117
5/29/2025	3:30:00	7.4	2.665	0	290,254	12.5	117
5/29/2025	4:00:00	7.4	2.600	0	290,312	12.3	115
5/29/2025	4:15:00	7.4	2.578	0	290,351	12.2	115
5/29/2025	4:30:00	7.4	2.555	0.2	290,373	12.4	114
5/29/2025	4:45:00	7.4	2.532	0	290,411	12.1	114
5/29/2025	5:00:00	7.4	2.033	5.5	290,439	12	114
5/29/2025	5:30:00	7.4	2.491	0.7	290,484	11.9	114
5/29/2025	5:45:00	7.4	2.487	0	290,521	11.9	114
5/29/2025	6:00:00	7.4	2.434	0.4	290,558	11.9	114
5/29/2025	6:30:00	7.4	2.525	0	290,607	12	114
5/29/2025	6:45:00	7.4	2.453	0.1	290,644	11.9	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/29/2025	7:15:00	7.4	2.403	0.7	290,674	12	114
5/29/2025	7:30:00	7.4	2.456	0	290,711	11.8	114
5/29/2025	7:45:00	7.4	2.441	0	290,748	11.7	114
5/29/2025	8:00:00	7.4	2.407	0	290,784	11.7	114
5/29/2025	8:15:00	7.4	2.358	0.1	290,820	11.7	114
5/29/2025	8:30:00	7.5	1.347	0.2	290,849	11.8	114
5/29/2025	9:15:00	7.4	2.044	0	290,890	11.8	113
5/29/2025	9:30:00	7.4	2.074	0	290,921	11.9	113
5/29/2025	9:45:00	7.4	2.070	0	290,953	11.8	114
5/29/2025	10:00:00	7.4	2.040	0.1	290,983	11.8	114
5/29/2025	10:15:00	7.4	2.010	0	291,013	11.8	114
5/29/2025	10:30:00	7.4	1.995	0	291,043	11.8	114
5/29/2025	10:45:00	7.4	1.139	0	291,059	11.7	114
5/29/2025	11:00:00	7.4	0.273	0	291,085	12	114
5/29/2025	11:15:00	7.4	2.385	0.8	291,112	12	114
5/29/2025	11:30:00	7.4	2.339	0	291,147	12.3	114
5/29/2025	11:45:00	7.4	1.173	0	291,175	12.9	116
5/29/2025	12:00:00	7.4	2.214	0	291,202	13.2	116
5/29/2025	12:15:00	7.4	2.226	1.2	291,236	12.7	117
5/29/2025	12:30:00	7.4	2.199	2.6	291,258	13.2	117
5/29/2025	12:45:00	7.4	2.441	0.7	291,289	13.2	116
5/29/2025	13:00:00	7.4	2.422	0	291,325	12.6	116
5/29/2025	13:30:00	7.4	2.381	0.3	291,382	12.9	117
5/29/2025	13:45:00	7.4	2.305	0.5	291,417	12.8	114
5/29/2025	14:00:00	7.4	1.347	2.5	291,442	12.5	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/29/2025	14:15:00	7.4	2.309	0.4	291,474	12.5	114
5/29/2025	14:30:00	7.4	1.696	0	291,508	12.6	114
5/29/2025	14:45:00	7.4	2.176	1.3	291,524	13	114
5/29/2025	15:00:00	7.4	2.173	0	291,557	12.8	114
5/29/2025	15:15:00	7.4	2.123	0	291,589	12.9	114
5/29/2025	15:30:00	7.5	0.852	4.7	291,604	12.6	114
5/29/2025	15:45:00	7.4	2.373	0	291,630	12.6	114
5/29/2025	16:00:00	7.4	2.320	0	291,665	12.6	114
5/29/2025	16:15:00	7.4	2.328	0.2	291,694	12.5	114
5/29/2025	16:30:00	7.4	2.267	0.7	291,728	12.5	114
5/29/2025	17:00:00	7.4	2.256	0.3	291,768	12.8	117
5/29/2025	17:15:00	7.5	2.184	0.6	291,802	12.8	119
5/29/2025	17:30:00	7.5	1.813	0.5	291,832	13.1	118
5/29/2025	17:45:00	7.5	2.366	1.7	291,866	12.9	118
5/29/2025	18:00:00	7.5	1.491	4.4	291,881	12.9	117
5/29/2025	18:15:00	7.5	2.320	0	291,909	13	116
5/29/2025	18:30:00	7.5	2.275	0	291,944	13.1	116
5/29/2025	18:45:00	7.4	1.321	0	291,968	14.2	116
5/29/2025	19:00:00	7.4	2.320	0.8	291,988	12.9	116
5/29/2025	19:15:00	7.5	1.457	0.3	292,019	12.8	116
5/29/2025	19:30:00	7.5	2.188	0.9	292,044	12.8	117
5/29/2025	19:45:00	7.5	2.157	0.3	292,076	12.6	116
5/29/2025	20:00:00	7.5	2.131	0.8	292,108	12.5	114
5/29/2025	20:15:00	7.5	2.112	0.5	292,140	12.4	114
5/29/2025	20:30:00	7.5	2.070	1.2	292,171	12.3	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/29/2025	20:45:00	7.4	1.639	5.1	292,199	12.3	114
5/29/2025	21:15:00	7.4	2.286	0.8	292,247	12.1	113
5/29/2025	21:30:00	7.4	2.245	1.8	292,281	12.1	114
5/29/2025	21:45:00	7.4	2.229	0.7	292,314	12.1	114
5/29/2025	22:00:00	7.4	2.256	2.4	292,325	12.3	114
5/29/2025	22:30:00	7.4	2.248	1.6	292,377	12.2	114
5/29/2025	22:45:00	7.4	2.226	1.3	292,404	12.1	114
5/29/2025	23:00:00	7.4	2.173	0.8	292,432	12.1	114
5/29/2025	23:15:00	7.4	2.120	0.5	292,464	12	114
5/29/2025	23:30:00	7.4	2.195	0.1	292,497	12	114
5/29/2025	23:45:00	7.4	2.260	0.4	292,530	12	114
5/30/2025	0:00:00	7.4	2.241	0.4	292,558	12	114
5/30/2025	0:15:00	7.4	0.575	1.3	292,579	12.5	114
5/30/2025	0:30:00	7.4	2.309	0.7	292,588	12.2	114
5/30/2025	1:00:00	7.4	2.297	0.4	292,638	12.1	114
5/30/2025	1:15:00	7.4	2.332	0	292,653	12.2	263
5/30/2025	1:30:00	7.4	2.267	0.2	292,687	12.2	263
5/30/2025	2:00:00	7.4	2.339	0.2	292,728	12.2	264
5/30/2025	2:15:00	7.3	2.400	1.5	292,741	12.7	266
5/30/2025	2:30:00	7.3	2.324	1.3	292,777	12.3	266
5/30/2025	2:45:00	7.3	2.339	2.2	292,794	12.3	266
5/30/2025	3:00:00	7.3	2.309	1.3	292,829	12.2	266
5/30/2025	3:30:00	7.3	1.207	5.1	292,876	12.1	268
5/30/2025	3:45:00	7.3	2.316	5.1	292,900	12	268
5/30/2025	4:00:00	7.3	2.229	0.5	292,934	12	266

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/30/2025	4:15:00	7.3	2.267	2.5	292,940	12.2	268
5/30/2025	4:30:00	7.3	2.256	2.4	292,973	12.1	268
5/30/2025	4:45:00	7.4	2.241	4.5	293,007	12.1	268
5/30/2025	5:00:00	7.4	2.222	4	293,041	12.1	267
5/30/2025	5:15:00	7.4	2.173	4.8	293,073	12	266
5/30/2025	5:30:00	7.4	2.142	6.8	293,106	11.9	266
5/30/2025	5:45:00	7.4	1.344	4	293,134	11.8	114
5/30/2025	6:00:00	7.4	2.173	2.3	293,162	11.7	114
5/30/2025	6:15:00	7.3	2.139	5.7	293,194	11.7	114
5/30/2025	6:30:00	7.3	2.218	10.8	293,205	12.1	115
5/30/2025	6:45:00	7.3	2.108	4.2	293,237	11.7	114
5/30/2025	7:00:00	7.3	2.067	3.9	293,269	11.6	113
5/30/2025	7:15:00	7.3	1.995	2.7	293,299	11.6	114
5/30/2025	7:30:00	7.3	2.207	0.8	293,323	11.5	113
5/30/2025	7:45:00	7.4	2.184	1.2	293,356	11.5	113
5/30/2025	8:00:00	7.4	2.131	1.2	293,388	11.6	114
5/30/2025	8:15:00	7.4	2.108	0.5	293,420	11.6	112
5/30/2025	8:30:00	7.4	2.222	1.2	293,445	11.7	112
5/30/2025	8:45:00	7.4	2.218	0	293,479	11.7	112
5/30/2025	9:00:00	7.4	2.165	0.4	293,512	11.7	112
5/30/2025	9:15:00	7.4	1.419	6.6	293,536	11.7	112
5/30/2025	9:30:00	7.4	2.146	0.4	293,552	11.6	111
5/30/2025	9:45:00	7.4	2.472	0.3	293,585	11.7	112
5/30/2025	10:00:00	7.4	2.419	0.1	293,622	11.7	112
5/30/2025	10:15:00	7.4	2.279	0.2	293,656	11.7	111

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/30/2025	10:30:00	7.4	2.316	1.2	293,691	11.8	112
5/30/2025	10:45:00	7.5	2.570	0.9	293,727	11.8	112
5/30/2025	11:00:00	7.5	1.976	0	293,761	12	112
5/30/2025	11:15:00	7.5	1.351	0.3	293,783	12	112
5/30/2025	11:30:00	7.4	2.248	0	293,814	12	112
5/30/2025	11:45:00	7.4	2.078	0.4	293,846	12	112
5/30/2025	12:00:00	7.4	2.173	0.1	293,870	12.7	113
5/30/2025	12:15:00	7.4	1.665	0.5	293,901	12.1	113
5/30/2025	12:30:00	7.4	1.688	1.9	293,928	12	114
5/30/2025	12:45:00	7.4	2.195	0.9	293,959	12	114
5/30/2025	13:00:00	7.4	2.286	0.4	293,993	12	114
5/30/2025	13:15:00	7.4	2.036	0.8	294,020	11.9	114
5/30/2025	13:30:00	7.4	2.203	1.8	294,046	11.9	114
5/30/2025	13:45:00	7.4	2.214	1.1	294,079	12	114
5/30/2025	14:00:00	7.4	2.343	0.2	294,112	12	114
5/30/2025	14:15:00	7.4	1.768	0	294,146	11.9	114
5/30/2025	14:30:00	7.4	2.222	1.5	294,176	11.9	114
5/30/2025	14:45:00	7.4	2.411	0.9	294,210	12	114
5/30/2025	15:00:00	7.4	2.472	2.5	294,246	11.9	114
5/30/2025	15:15:00	7.4	2.426	2.7	294,283	11.9	114
5/30/2025	15:30:00	7.4	2.373	1.7	294,319	12	114
5/30/2025	15:45:00	7.3	2.438	14.2	294,331	12.3	114
5/30/2025	16:00:00	7.4	1.567	15.2	294,353	11.9	114
5/30/2025	16:15:00	7.4	2.366	1	294,384	12	114
5/30/2025	16:30:00	7.4	2.472	1.6	294,420	12.3	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/30/2025	16:45:00	7.4	2.173	1.3	294,456	12.5	114
5/30/2025	17:00:00	7.3	2.112	0.6	294,487	12.5	114
5/30/2025	17:15:00	7.3	2.123	0.4	294,516	13.3	114
5/30/2025	17:30:00	7.3	2.233	0.8	294,543	12.1	114
5/30/2025	17:45:00	7.3	2.184	0.1	294,575	12.3	114
5/30/2025	18:00:00	7.3	0.916	3.2	294,590	12.7	114
5/30/2025	18:15:00	7.3	0.935	2.7	294,610	12.1	116
5/30/2025	18:30:00	7.3	2.180	0.6	294,637	12.2	116
5/30/2025	18:45:00	7.3	2.180	1	294,670	12.3	114
5/30/2025	19:00:00	7.3	2.222	2	294,704	12.3	114
5/30/2025	19:15:00	7.3	1.540	0.1	294,728	13.1	117
5/30/2025	19:30:00	7.3	2.139	0.3	294,753	12.4	119
5/30/2025	19:45:00	7.3	2.430	1	294,790	12.2	117
5/30/2025	20:00:00	7.3	2.388	0.1	294,826	12.1	116
5/30/2025	20:30:00	7.3	2.316	0.5	294,881	11.8	116
5/30/2025	20:45:00	7.4	2.271	0.2	294,915	11.9	117
5/30/2025	21:00:00	7.4	2.222	0.5	294,949	11.9	116
5/30/2025	21:15:00	7.4	0.814	0.7	294,977	11.8	116
5/30/2025	21:30:00	7.4	2.305	0.9	295,005	11.8	115
5/30/2025	21:45:00	7.4	2.275	1.2	295,040	11.9	114
5/30/2025	22:00:00	7.4	2.301	1.4	295,059	11.9	114
5/30/2025	22:15:00	7.4	2.256	1.4	295,093	11.9	114
5/30/2025	22:30:00	7.3	2.237	2.7	295,127	11.8	115
5/30/2025	22:45:00	7.3	2.226	2.8	295,160	11.8	114
5/30/2025	23:00:00	7.3	2.169	2	295,193	11.8	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/30/2025	23:15:00	7.3	2.188	3.9	295,225	11.8	114
5/30/2025	23:30:00	7.3	2.328	2.1	295,243	11.9	114
5/30/2025	23:45:00	7.3	2.260	1.3	295,277	11.8	114
5/31/2025	0:00:00	7.3	2.263	4.5	295,300	11.7	115
5/31/2025	0:15:00	7.3	2.460	1.2	295,327	11.6	114
5/31/2025	0:45:00	7.3	2.301	2.6	295,382	11.7	115
5/31/2025	1:15:00	7.3	1.064	7.5	295,422	11.7	114
5/31/2025	1:30:00	7.3	2.388	2.3	295,454	11.6	115
5/31/2025	1:45:00	7.3	2.441	2.4	295,475	11.6	114
5/31/2025	2:00:00	7.3	2.350	3.9	295,511	11.6	114
5/31/2025	2:30:00	7.3	2.354	1.3	295,553	11.7	114
5/31/2025	2:45:00	7.3	2.377	1.7	295,588	11.6	114
5/31/2025	3:15:00	7.3	2.385	5.3	295,644	11.7	115
5/31/2025	3:30:00	7.3	2.324	3.5	295,679	11.7	115
5/31/2025	3:45:00	7.3	2.456	3.6	295,694	11.9	115
5/31/2025	4:00:00	7.3	2.385	3.8	295,730	11.7	114
5/31/2025	4:15:00	7.3	2.282	4	295,766	11.7	114
5/31/2025	4:30:00	7.3	2.388	6.1	295,784	11.8	114
5/31/2025	4:45:00	7.3	1.658	4.8	295,817	11.7	114
5/31/2025	5:00:00	7.3	2.354	2.5	295,851	11.7	114
5/31/2025	5:15:00	7.3	2.438	2.6	295,871	11.7	114
5/31/2025	5:30:00	7.3	2.388	2.7	295,907	11.7	114
5/31/2025	5:45:00	7.3	2.381	3.1	295,926	11.7	114
5/31/2025	6:00:00	7.3	0.776	1.8	295,952	11.6	114
5/31/2025	6:15:00	7.3	2.392	1.4	295,983	11.5	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/31/2025	6:30:00	7.3	2.328	1.8	296,018	11.6	114
5/31/2025	6:45:00	7.3	2.373	4.4	296,037	12	114
5/31/2025	7:00:00	7.3	1.181	0.9	296,067	11.5	114
5/31/2025	7:15:00	7.3	2.472	1.6	296,100	11.6	114
5/31/2025	7:30:00	7.3	2.434	1.3	296,137	11.7	114
5/31/2025	7:45:00	7.3	2.464	1.8	296,155	11.8	114
5/31/2025	8:00:00	7.3	2.441	1.9	296,192	11.6	114
5/31/2025	9:00:00	7.3	2.381	5.1	296,252	11.5	112
5/31/2025	9:15:00	7.3	2.555	2.8	296,289	11.5	112
5/31/2025	9:45:00	7.3	2.161	0.5	296,338	11.8	113
5/31/2025	10:00:00	7.3	2.199	0.8	296,370	11.9	113
5/31/2025	10:45:00	7.3	2.078	0	296,445	11.6	112
5/31/2025	11:00:00	7.3	2.044	0	296,477	11.9	114
5/31/2025	11:15:00	7.3	2.017	0.2	296,507	12.3	114
5/31/2025	11:30:00	7.3	2.165	0.9	296,523	12.3	116
5/31/2025	11:45:00	7.3	2.123	1.1	296,555	12.4	116
5/31/2025	12:00:00	7.3	1.998	1.8	296,585	12.3	117
5/31/2025	12:15:00	7.3	2.676	16.9	296,606	12.5	114
5/31/2025	12:30:00	7.3	2.313	3.2	296,637	11.9	114
5/31/2025	12:45:00	7.3	2.210	1.1	296,670	11.8	114
5/31/2025	13:00:00	7.3	2.161	1.2	296,703	11.8	114
5/31/2025	13:15:00	7.3	1.484	0.9	296,720	11.8	114
5/31/2025	13:30:00	7.3	1.930	0.9	296,745	11.8	114
5/31/2025	13:45:00	7.3	2.108	0.2	296,774	11.8	114
5/31/2025	14:00:00	7.3	2.101	2.3	296,806	11.8	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/31/2025	14:30:00	7.3	2.112	1.3	296,849	12	114
5/31/2025	14:45:00	7.3	2.055	1.5	296,880	12.1	116
5/31/2025	15:15:00	7.3	2.403	2.8	296,912	12.3	116
5/31/2025	15:30:00	7.3	2.021	0.9	296,947	12.5	117
5/31/2025	15:45:00	7.3	1.968	0.4	296,976	12.5	117
5/31/2025	16:45:00	7.3	2.192	1.1	297,052	12.4	114
5/31/2025	17:00:00	7.3	1.639	1.7	297,080	12.5	259
5/31/2025	17:30:00	7.3	2.188	1.8	297,130	12.6	261
5/31/2025	17:45:00	7.3	2.313	3.1	297,163	12.5	261
5/31/2025	18:00:00	7.3	2.184	1.4	297,197	12.4	114
5/31/2025	18:15:00	7.3	2.127	2.6	297,229	12.4	114
5/31/2025	18:30:00	7.3	1.571	7.6	297,255	12.5	114
5/31/2025	18:45:00	7.3	1.071	5	297,270	12.9	261
5/31/2025	19:00:00	7.3	1.995	1.4	297,297	12.6	261
5/31/2025	19:15:00	7.3	2.445	3.7	297,328	12.4	114
5/31/2025	19:30:00	7.3	2.332	8.6	297,363	12.2	114
5/31/2025	19:45:00	7.3	2.316	4.8	297,398	12	113
5/31/2025	20:00:00	7.3	0.958	16.1	297,427	11.8	113
5/31/2025	20:15:00	7.3	2.373	2.7	297,458	11.8	113
5/31/2025	20:30:00	7.3	2.237	1.7	297,492	11.8	114
5/31/2025	20:45:00	7.3	0.886	1.1	297,517	11.8	114
5/31/2025	21:00:00	7.3	2.328	1.4	297,550	11.9	114
5/31/2025	21:15:00	7.3	1.836	3.7	297,582	11.9	114
5/31/2025	21:30:00	7.3	2.173	1.9	297,612	11.8	114
5/31/2025	21:45:00	7.3	2.286	2.1	297,634	11.7	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/31/2025	22:00:00	7.3	2.297	1.3	297,668	11.8	114
5/31/2025	22:15:00	7.3	2.192	2.5	297,702	11.9	114
5/31/2025	22:45:00	7.4	2.438	5	297,741	11.9	114
5/31/2025	23:30:00	7.4	1.052	8.3	297,780	11.9	114
5/31/2025	23:45:00	7.4	2.453	7.6	297,801	11.8	114
6/1/2025	0:00:00	7.4	2.358	2.1	297,837	11.8	114
6/1/2025	0:30:00	7.4	2.195	2	297,885	11.9	264
6/1/2025	0:45:00	7.4	2.332	3.3	297,909	11.8	264
6/1/2025	1:00:00	7.4	2.199	1.7	297,942	11.8	264
6/1/2025	1:15:00	7.4	2.180	4.9	297,975	11.8	264
6/1/2025	1:30:00	7.3	0.768	8.8	298,002	11.8	264
6/1/2025	1:45:00	7.3	2.271	7	298,031	11.7	264
6/1/2025	2:00:00	7.3	2.199	6.6	298,065	11.7	114
6/1/2025	2:15:00	7.3	2.131	2.4	298,098	11.7	266
6/1/2025	2:30:00	7.3	0.731	2.6	298,120	11.8	267
6/1/2025	2:45:00	7.3	2.248	4.5	298,152	11.9	276
6/1/2025	3:00:00	7.4	2.226	6.4	298,185	12.1	279
6/1/2025	3:30:00	7.4	0.988	3.5	298,229	12.2	283
6/1/2025	3:45:00	7.4	2.260	4.7	298,262	12.1	279
6/1/2025	4:00:00	7.4	2.199	2.4	298,295	12	278
6/1/2025	4:15:00	7.4	2.157	2.6	298,328	12	273
6/1/2025	4:30:00	7.4	2.199	2.3	298,353	12	271
6/1/2025	4:45:00	7.4	2.116	4.1	298,386	11.9	271
6/1/2025	5:15:00	7.3	2.010	7.7	298,432	11.8	266
6/1/2025	5:30:00	7.3	2.063	5.2	298,442	11.8	266

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/1/2025	5:45:00	7.3	2.184	3.3	298,475	11.7	268
6/1/2025	6:15:00	7.3	2.089	3.7	298,518	11.9	272
6/1/2025	6:30:00	7.3	2.123	4.7	298,546	11.8	269
6/1/2025	6:45:00	7.3	2.154	3.3	298,559	11.9	273
6/1/2025	7:00:00	7.3	2.131	3.4	298,591	11.8	270
6/1/2025	7:15:00	7.3	2.411	6.7	298,616	11.8	273
6/1/2025	7:30:00	7.3	2.453	7.7	298,652	11.7	268
6/1/2025	7:45:00	7.2	2.403	5.2	298,688	11.7	268
6/1/2025	8:00:00	7.2	2.347	4.1	298,724	11.7	268
6/1/2025	8:15:00	7.3	1.609	2.8	298,757	11.7	268
6/1/2025	8:30:00	7.3	2.290	0.9	298,788	11.7	114
6/1/2025	9:00:00	7.3	2.252	2.2	298,833	11.7	113
6/1/2025	9:15:00	7.3	1.612	3.6	298,864	11.8	114
6/1/2025	9:30:00	7.3	2.366	5.9	298,898	11.7	114
6/1/2025	9:45:00	7.3	2.260	6	298,933	11.8	114
6/1/2025	10:15:00	7.4	1.616	13.6	298,981	12	114
6/1/2025	10:30:00	7.4	1.181	6.1	298,999	12	114
6/1/2025	10:45:00	7.4	2.237	2.4	299,025	12	114
6/1/2025	11:00:00	7.4	1.544	4.8	299,057	12.2	114
6/1/2025	11:15:00	7.3	2.475	1.9	299,089	12.2	114
6/1/2025	11:30:00	7.3	2.434	2.2	299,125	12.2	114
6/1/2025	11:45:00	7.3	1.771	1.4	299,159	12.3	114
6/1/2025	12:00:00	7.3	2.339	3	299,188	12.4	114
6/1/2025	12:15:00	7.3	2.245	4.1	299,207	12.7	114
6/1/2025	12:30:00	7.3	1.885	6	299,237	12.4	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/1/2025	12:45:00	7.3	2.517	3.7	299,270	12.3	113
6/1/2025	13:00:00	7.3	2.350	3.4	299,306	12.4	114
6/1/2025	13:15:00	7.3	1.170	2.6	299,336	12.6	114
6/1/2025	13:30:00	7.3	1.802	3.7	299,358	12.3	114
6/1/2025	13:45:00	7.3	1.177	6	299,386	12.3	114
6/1/2025	14:00:00	7.3	2.256	3.3	299,418	12.5	114
6/1/2025	14:15:00	7.3	1.518	1.9	299,451	12.5	114
6/1/2025	14:30:00	7.4	1.397	4.4	299,474	12.4	114
6/1/2025	14:45:00	7.4	2.241	5.9	299,500	12.4	114
6/1/2025	15:00:00	7.4	2.116	17.3	299,528	12.4	115
6/1/2025	15:15:00	7.4	2.256	7.1	299,562	12.5	114
6/1/2025	15:30:00	7.4	2.173	7	299,583	12.5	115
6/1/2025	15:45:00	7.4	2.157	7.2	299,616	12.6	114
6/1/2025	16:00:00	7.4	1.802	16.6	299,634	12.4	114
6/1/2025	16:15:00	7.4	1.908	12.8	299,659	12.5	114
6/1/2025	16:30:00	7.4	2.044	9.3	299,682	12.6	114
6/1/2025	16:45:00	7.4	2.006	7.6	299,712	12.6	114
6/1/2025	17:00:00	7.4	2.006	6.6	299,743	12.7	114
6/1/2025	17:15:00	7.4	1.737	15.1	299,768	12.7	114
6/1/2025	17:30:00	7.4	2.142	4.2	299,797	12.6	114
6/1/2025	17:45:00	7.4	2.116	5.5	299,829	12.6	114
6/1/2025	18:00:00	7.4	1.624	4.2	299,857	12.9	114
6/1/2025	18:15:00	7.4	2.150	4.6	299,884	12.5	115
6/1/2025	18:30:00	7.4	1.987	2	299,916	12.4	114
6/1/2025	18:45:00	7.4	1.938	2.9	299,945	12.5	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/1/2025	19:00:00	7.4	1.370	8.1	299,970	12.6	114
6/1/2025	19:15:00	7.4	2.051	9.5	299,994	12.4	114
6/1/2025	19:30:00	7.4	2.218	7.9	300,026	12.3	114
6/1/2025	19:45:00	7.4	2.112	9.1	300,058	12.2	114
6/1/2025	20:00:00	7.4	2.210	9.8	300,079	12	114
6/1/2025	20:15:00	7.4	2.165	7.8	300,112	11.9	112
6/1/2025	20:30:00	7.4	2.335	6.7	300,133	11.9	112
6/1/2025	20:45:00	7.4	2.275	8	300,168	11.9	112
6/1/2025	21:00:00	7.4	2.245	7.4	300,201	12	112
6/1/2025	21:15:00	7.4	2.419	4.8	300,225	12	114
6/1/2025	21:30:00	7.4	2.248	3.1	300,260	11.9	114
6/1/2025	21:45:00	7.4	2.339	5.6	300,295	11.8	112
6/1/2025	22:00:00	7.3	2.233	7.4	300,330	11.8	112
6/1/2025	22:15:00	7.4	0.348	25.7	300,359	11.8	112

Table 3. In-Situ Parameters

Date	Time	Temperature °C	DO mg/L	Conductivity SPC-uS/cm	SAL-ppt	pH	ORP (mV)	NTU
05/26/2025	04:12:08PM	12.9	10.96	129.9	0.06	7.01	147.8	1.20
05/27/2025	05:07:43PM	12.3	11.17	132.4	0.06	8.22	109.1	1.45
05/28/2025	05:55:04PM	14.3	11.79	123.5	0.06	7.59	134.1	1.82
05/29/2025	09:58:24AM	11.5	11.37	115.6	0.05	7.32	116.5	4.16
05/30/2025	04:22:29PM	12.9	11.00	123.9	0.06	7.37	145.1	3.59
05/31/2025	07:06:21PM	12.5	11.23	130.1	0.06	7.48	131.5	2.78
06/01/2025	05:56:18PM	12.9	11.18	126.1	0.06	7.47	143.0	6.16

3. Calibration Log:

Table 4. Calibration Log

Date	Unit	pH	Conductivity/Temp.	Salinity	NTU
05/28/2025	YSI	✓	✓	✓	✓
05/28/2025	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)
5/26/2025	0:00:00	7.4	1.900	0	282,236	Open	12.2	272
5/26/2025	0:15:00	7.4	2.400	1.3	282,270	Open	12.1	269
5/26/2025	0:30:00	7.4	2.388	0.5	282,284	Open	12.4	271
5/26/2025	0:45:00	7.4	2.366	1.5	282,314	Open	12	271
5/26/2025	1:00:00	7.4	1.472	1.4	282,349	Open	12	271
5/26/2025	1:15:00	7.4	2.358	1.3	282,359	Closed	12	271
5/26/2025	1:30:00	7.3	2.328	1.3	282,375	Open	12	271
5/26/2025	1:45:00	7.3	2.301	0.4	282,410	Open	12	271
5/26/2025	2:00:00	7.3	2.294	2	282,417	Open	12.3	272
5/26/2025	2:15:00	7.4	2.256	0.1	282,452	Open	12	271
5/26/2025	2:30:00	7.3	1.582	0	282,471	Open	11.9	274
5/26/2025	2:45:00	7.3	2.426	1.2	282,496	Open	12	272
5/26/2025	3:00:00	7.4	2.411	0.9	282,532	Open	12.1	273
5/26/2025	3:15:00	7.4	2.388	1	282,568	Open	12.1	273
5/26/2025	3:30:00	7.4	0.318	0.5	282,586	Closed	12.3	276
5/26/2025	3:45:00	7.4	2.025	1.3	282,607	Open	12.1	276
5/26/2025	4:00:00	7.4	1.400	2.8	282,622	Open	12	272
5/26/2025	4:15:00	7.4	2.426	1.4	282,652	Open	12	276
5/26/2025	4:30:00	7.3	1.181	3.7	282,684	Open	12	276
5/26/2025	4:45:00	7.3	2.460	0.4	282,718	Open	12	276
5/26/2025	5:00:00	7.3	0.238	1.1	282,745	Closed	12.1	272
5/26/2025	5:15:00	7.3	2.426	1.5	282,770	Open	11.9	269
5/26/2025	5:30:00	7.3	1.139	10.5	282,799	Open	11.8	267
5/26/2025	5:45:00	7.3	2.407	2	282,832	Open	11.8	267
5/26/2025	6:00:00	7.3	1.238	2.1	282,859	Open	11.7	269

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 26, 2025 to June 1, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/26/2025	6:15:00	7.3	2.316	9.8	282,863	Closed	12.1	269
5/26/2025	6:30:00	7.3	2.173	5.1	282,880	Open	12.8	267
5/26/2025	6:45:00	7.3	2.309	2.4	282,908	Open	11.9	264
5/26/2025	7:00:00	7.3	1.798	2.9	282,939	Open	11.9	268
5/26/2025	7:15:00	7.3	2.260	1.7	282,973	Open	11.9	266
5/26/2025	7:30:00	7.3	2.192	2.6	283,007	Open	12	269
5/26/2025	7:45:00	7.3	2.131	2	283,039	Open	12	269
5/26/2025	8:00:00	7.3	1.711	5.9	283,068	Open	11.9	264
5/26/2025	8:15:00	7.3	1.230	2.5	283,096	Open	11.7	114
5/26/2025	8:30:00	7.3	2.358	1.1	283,120	Open	11.7	114
5/26/2025	8:45:00	7.3	0.148	0.3	283,141	Closed	11.9	114
5/26/2025	9:00:00	7.3	2.388	0.4	283,162	Open	11.8	114
5/26/2025	9:15:00	7.3	1.730	1.6	283,174	Open	12	114
5/26/2025	9:30:00	7.3	0.132	0.7	283,189	Closed	11.9	114
5/26/2025	9:45:00	7.3	1.571	1.1	283,217	Open	11.9	114
5/26/2025	10:00:00	7	2.362	2	283,243	Open	11.8	114
5/26/2025	10:15:00	6.9	2.358	0.2	283,261	Open	12.4	114
5/26/2025	10:30:00	7.3	2.146	0.1	283,294	Open	12.5	114
5/26/2025	10:45:00	7.3	2.093	0	283,325	Open	12.2	115
5/26/2025	11:00:00	7.3	0.148	0.2	283,351	Open	12.6	261
5/26/2025	11:15:00	7.4	0.250	10.4	283,361	Open	12.5	266
5/26/2025	11:30:00	7.4	2.051	1.7	283,390	Open	12.1	266
5/26/2025	11:45:00	7.4	1.499	1.1	283,419	Open	12.2	269
5/26/2025	12:00:00	7.4	2.456	6	283,443	Open	12.3	266
5/26/2025	12:15:00	7.4	2.513	4.4	283,481	Open	12.2	264
5/26/2025	12:30:00	7.4	2.120	3.7	283,513	Open	12.4	264

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/26/2025	12:45:00	7.4	2.263	3.3	283,545	Open	12.7	264
5/26/2025	13:00:00	7.4	1.302	4.5	283,572	Open	13.5	265
5/26/2025	13:15:00	7.4	2.188	3.9	283,591	Open	12.8	261
5/26/2025	13:30:00	7.4	2.180	7.6	283,624	Open	12.8	264
5/26/2025	13:45:00	7.4	2.150	0.8	283,656	Open	12.9	262
5/26/2025	14:00:00	7.4	0.000	0.3	283,685	Closed	13.1	263
5/26/2025	14:15:00	7.4	2.199	0.7	283,703	Open	13.2	264
5/26/2025	14:30:00	7.4	2.127	0	283,735	Open	13.1	261
5/26/2025	14:45:00	7.4	2.093	0	283,761	Open	13.6	264
5/26/2025	15:00:00	7.4	1.991	0	283,782	Open	13.9	267
5/26/2025	15:15:00	7.4	1.998	0	283,812	Open	13.3	263
5/26/2025	15:30:00	7.4	1.991	0	283,842	Open	13.2	262
5/26/2025	15:45:00	7.4	1.972	0	283,872	Open	13.2	261
5/26/2025	16:00:00	7.3	1.332	3.3	283,895	Open	13.9	264
5/26/2025	16:15:00	7.4	2.074	0	283,920	Open	13.5	264
5/26/2025	16:30:00	7.4	2.063	0	283,951	Open	13.4	263
5/26/2025	16:45:00	7.4	2.040	0	283,982	Open	13.4	261
5/26/2025	17:00:00	7.4	2.017	0	284,012	Open	13.4	117
5/26/2025	17:15:00	7.4	0.000	0	284,038	Closed	13.6	117
5/26/2025	17:30:00	7.3	0.428	0	284,049	Open	13.4	256
5/26/2025	17:45:00	7.3	2.101	0	284,060	Open	13	261
5/26/2025	18:00:00	7.3	2.104	0.2	284,092	Open	12.7	261
5/26/2025	18:15:00	7.3	2.074	0	284,123	Open	12.5	114
5/26/2025	18:30:00	7.3	1.136	0	284,145	Open	12.9	114
5/26/2025	18:45:00	7.3	2.229	0	284,171	Open	12.4	114
5/26/2025	19:00:00	7.4	2.116	0	284,204	Open	12.3	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/26/2025	19:15:00	7.4	2.101	0	284,236	Open	12.3	114
5/26/2025	19:30:00	7.4	0.000	0	284,254	Closed	12.6	114
5/26/2025	19:45:00	7.4	2.150	0.7	284,284	Open	12.3	114
5/26/2025	20:00:00	7.4	0.560	0.2	284,311	Open	12.4	114
5/26/2025	20:15:00	7.4	2.320	3.9	284,323	Open	12.6	114
5/26/2025	20:30:00	7.4	2.350	0.7	284,350	Open	12.2	114
5/26/2025	20:45:00	7.4	2.309	1.3	284,380	Open	12.3	114
5/26/2025	21:00:00	7.4	2.286	1.5	284,407	Open	12.2	114
5/26/2025	21:15:00	7.4	2.263	1.1	284,441	Open	12.2	263
5/26/2025	21:30:00	7.5	2.248	2.6	284,467	Open	12.1	262
5/26/2025	21:45:00	7.5	0.000	1.3	284,496	Closed	12.1	262
5/26/2025	22:00:00	7.5	1.923	2.5	284,516	Open	12	264
5/26/2025	22:15:00	7.5	2.245	1	284,548	Open	12	266
5/26/2025	22:30:00	7.5	2.226	2.8	284,582	Open	12.1	266
5/26/2025	22:45:00	7.5	2.142	4.8	284,597	Open	12.4	266
5/26/2025	23:00:00	7.5	0.000	3.8	284,623	Closed	12.2	266
5/26/2025	23:15:00	7.5	2.313	6.5	284,637	Open	12.1	266
5/26/2025	23:30:00	7.5	2.301	4.2	284,671	Open	12.1	266
5/26/2025	23:45:00	7.5	1.802	0.2	284,704	Open	12.2	266
5/27/2025	0:00:00	7.5	2.279	4.5	284,736	Open	12.2	266
5/27/2025	0:15:00	7.5	2.222	6.7	284,770	Open	12.2	266
5/27/2025	0:30:00	7.5	2.252	6.1	284,786	Open	12.2	268
5/27/2025	0:45:00	7.5	1.075	25	284,812	Closed	12.2	266
5/27/2025	1:00:00	7.5	1.855	11.1	284,834	Open	12.3	268
5/27/2025	1:15:00	7.5	2.339	7.8	284,861	Open	12.2	264
5/27/2025	1:30:00	7.5	2.366	8.4	284,877	Open	12.3	264

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
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Data Date Range	**May 26, 2025 to June 1, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/27/2025	1:45:00	7.4	0.594	3.5	284,903	Open	12.4	264
5/27/2025	2:00:00	7.5	2.328	6.2	284,926	Closed	12.4	263
5/27/2025	2:15:00	7.4	2.388	4.7	284,961	Open	11.9	114
5/27/2025	2:30:00	7.4	2.422	3.3	284,994	Open	11.9	114
5/27/2025	2:45:00	7.4	2.396	2	285,030	Open	11.8	114
5/27/2025	3:00:00	7.4	2.373	3.4	285,066	Open	11.7	114
5/27/2025	3:15:00	7.4	2.400	2	285,082	Open	11.7	114
5/27/2025	3:30:00	7.4	2.411	2.9	285,114	Open	11.7	114
5/27/2025	3:45:00	7.4	2.419	2	285,134	Open	11.7	114
5/27/2025	4:00:00	7.4	2.407	3.3	285,170	Open	11.6	114
5/27/2025	4:15:00	7.4	0.000	1.6	285,188	Closed	11.7	114
5/27/2025	4:30:00	7.4	2.468	3.3	285,206	Open	11.6	114
5/27/2025	4:45:00	7.4	0.000	1.5	285,234	Closed	11.7	114
5/27/2025	5:00:00	7.4	2.426	2.8	285,258	Open	11.5	114
5/27/2025	5:15:00	7.4	0.000	3.3	285,288	Closed	11.6	114
5/27/2025	5:30:00	7.4	2.403	4.6	285,312	Open	11.6	114
5/27/2025	5:45:00	7.4	0.000	2.4	285,339	Closed	11.7	114
5/27/2025	6:00:00	7.4	1.828	1.7	285,365	Open	11.6	114
5/27/2025	6:15:00	7.4	1.866	0.8	285,387	Open	11.6	114
5/27/2025	6:30:00	7.4	2.472	1.2	285,409	Open	11.5	114
5/27/2025	6:45:00	7.4	1.870	3	285,446	Open	11.5	114
5/27/2025	7:00:00	7.4	0.863	1.9	285,459	Open	12.3	117
5/27/2025	7:15:00	7.4	1.911	1.8	285,485	Open	11.7	114
5/27/2025	7:30:00	7.4	2.347	3.3	285,520	Open	11.6	114
5/27/2025	7:45:00	7.4	2.324	2.8	285,555	Open	11.5	114
5/27/2025	8:00:00	7.4	2.362	1.8	285,576	Open	11.4	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/27/2025	8:15:00	7.4	1.885	1.4	285,609	Open	11.4	114
5/27/2025	8:30:00	7.4	1.722	6.4	285,620	Open	11.5	114
5/27/2025	8:45:00	7.4	2.222	7	285,635	Open	11.5	114
5/27/2025	9:00:00	7.4	2.313	3.2	285,670	Open	11.5	114
5/27/2025	9:15:00	7.4	2.343	6.5	285,703	Open	11.5	114
5/27/2025	9:30:00	7.4	2.017	5.2	285,732	Open	11.6	114
5/27/2025	9:45:00	7.4	2.014	0	285,762	Open	11.6	114
5/27/2025	10:00:00	7.4	1.427	11.8	285,789	Open	12.1	114
5/27/2025	10:15:00	7.4	1.877	13.4	285,813	Open	12.3	114
5/27/2025	10:30:00	7.4	2.241	0	285,843	Open	11.9	114
5/27/2025	10:45:00	7.4	2.104	0.4	285,856	Open	12	261
5/27/2025	11:00:00	7.3	2.097	0	285,887	Open	12.2	263
5/27/2025	11:15:00	7.3	0.000	0	285,917	Closed	12.3	263
5/27/2025	11:30:00	7.3	2.055	0	285,930	Open	12.2	264
5/27/2025	11:45:00	7.3	1.650	5.4	285,955	Open	12.5	264
5/27/2025	12:00:00	7.2	1.325	6.6	285,977	Open	13	264
5/27/2025	12:15:00	7.2	2.222	5.4	286,006	Open	14.1	264
5/27/2025	12:30:00	7.3	2.116	0	286,038	Open	12.2	264
5/27/2025	12:45:00	7.3	2.332	0	286,071	Open	12.2	263
5/27/2025	13:00:00	7.3	2.263	1	286,105	Open	12.3	263
5/27/2025	13:15:00	7.3	2.222	0	286,139	Open	12.3	263
5/27/2025	13:30:00	7.3	2.142	0	286,171	Open	12.4	263
5/27/2025	13:45:00	7.3	0.000	0.1	286,195	Closed	12.7	263
5/27/2025	14:00:00	7.3	2.161	0.7	286,211	Open	12.6	263
5/27/2025	14:15:00	7.3	2.089	0.2	286,243	Open	12.5	264
5/27/2025	14:30:00	7.3	1.711	4.1	286,272	Open	12.4	114

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 26, 2025 to June 1, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/27/2025	15:00:00	7.4	2.279	1.6	286,326	Open	12.4	116
5/27/2025	15:15:00	7.4	2.229	2	286,341	Open	12.8	117
5/27/2025	15:30:00	7.4	2.207	1.9	286,372	Open	12.4	116
5/27/2025	15:45:00	7.4	0.000	2.5	286,390	Closed	12.8	117
5/27/2025	16:00:00	7.4	2.029	0.4	286,410	Open	12.6	117
5/27/2025	16:15:00	7.3	1.964	0	286,440	Open	12.8	263
5/27/2025	16:30:00	7.1	2.044	0	286,453	Open	12.8	265
5/27/2025	16:45:00	7	2.010	0	286,483	Open	12.7	270
5/27/2025	17:00:00	7	1.514	0	286,512	Open	12.8	270
5/27/2025	17:15:00	7.1	2.233	0	286,540	Open	12.7	268
5/27/2025	17:30:00	7.1	2.226	0	286,573	Open	12.6	267
5/27/2025	17:45:00	7.2	2.165	0	286,606	Open	12.9	265
5/27/2025	18:00:00	7.2	2.093	0	286,638	Open	13	265
5/27/2025	18:15:00	7.2	2.350	0	286,668	Open	13.6	260
5/27/2025	18:30:00	7.3	2.328	0.6	286,703	Open	12.4	117
5/27/2025	18:45:00	7.3	2.305	2.4	286,738	Open	12.2	116
5/27/2025	19:00:00	7.3	1.575	1.7	286,769	Open	12.5	116
5/27/2025	19:15:00	7.3	0.000	0.4	286,785	Closed	12.7	114
5/27/2025	19:30:00	7.3	2.354	0.7	286,815	Open	12.4	116
5/27/2025	19:45:00	7.3	0.000	0.3	286,841	Closed	12.5	114
5/27/2025	20:00:00	7.3	0.469	0.5	286,860	Open	12.6	114
5/27/2025	20:15:00	7.3	0.000	1.6	286,878	Closed	12.3	114
5/27/2025	20:30:00	7.3	2.350	0.7	286,892	Open	12.3	114
5/27/2025	20:45:00	7.3	2.392	0.4	286,922	Open	12.2	114
5/27/2025	21:00:00	7.3	2.354	1.1	286,957	Open	12.3	263
5/27/2025	21:15:00	7.3	2.358	2.2	286,992	Open	12.3	263

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/27/2025	21:30:00	7.3	2.195	3	287,012	Closed	12.3	263
5/27/2025	21:45:00	7.4	2.362	3.7	287,012	Closed	12.4	263
5/27/2025	22:00:00	7.4	1.851	2.4	287,033	Open	12.5	264
5/27/2025	22:15:00	7.4	2.509	2.2	287,052	Open	12.5	261
5/27/2025	22:30:00	7.4	2.422	0.9	287,089	Open	12.4	261
5/27/2025	22:45:00	7.4	0.473	0.5	287,106	Closed	12.7	262
5/27/2025	23:00:00	7.4	2.366	0.9	287,117	Open	12.5	263
5/27/2025	23:15:00	7.5	1.207	1.6	287,139	Closed	13	261
5/27/2025	23:30:00	7.4	1.737	1.7	287,152	Open	12.4	262
5/27/2025	23:45:00	7.4	2.430	0.3	287,187	Open	12.3	262
5/28/2025	0:00:00	7.4	2.422	0.3	287,224	Open	12.2	262
5/28/2025	0:15:00	7.4	2.483	16.8	287,235	Open	12.6	262
5/28/2025	0:30:00	7.4	2.483	1.3	287,272	Open	12.1	262
5/28/2025	0:45:00	7.4	2.513	1.9	287,305	Open	12.1	114
5/28/2025	1:00:00	7.4	0.901	2.1	287,338	Open	12.3	263
5/28/2025	1:15:00	7.4	2.320	0.9	287,350	Closed	12.2	114
5/28/2025	1:30:00	7.4	2.339	0.4	287,374	Open	12.1	114
5/28/2025	1:45:00	7.4	2.229	6.3	287,379	Open	12.1	113
5/28/2025	2:00:00	7.4	1.957	1.4	287,406	Open	12.1	114
5/28/2025	2:15:00	7.4	2.396	0.5	287,438	Open	12	114
5/28/2025	2:30:00	7.4	0.333	0	287,458	Closed	12.4	114
5/28/2025	2:45:00	7.4	2.350	1.5	287,491	Open	12.1	114
5/28/2025	3:00:00	7.4	2.343	0.8	287,526	Open	12	114
5/28/2025	3:15:00	7.4	0.462	0.3	287,544	Closed	12.4	114
5/28/2025	3:30:00	7.4	2.422	0.7	287,574	Open	12.1	114
5/28/2025	3:45:00	7.4	2.468	1.2	287,593	Open	12.1	114

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 26, 2025 to June 1, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/28/2025	4:00:00	7.4	2.422	1.2	287,630	Open	12.1	114
5/28/2025	4:15:00	7.4	0.185	2.5	287,645	Closed	12.4	114
5/28/2025	4:30:00	7.4	1.953	0.3	287,669	Open	12.1	114
5/28/2025	4:45:00	7.4	2.354	1.2	287,688	Open	12.4	114
5/28/2025	5:00:00	7.4	2.483	0.9	287,720	Open	12	114
5/28/2025	5:15:00	7.4	2.290	3.5	287,757	Closed	12	114
5/28/2025	5:30:00	7.4	2.562	1.5	287,766	Open	12.6	114
5/28/2025	5:45:00	7.4	1.987	0.7	287,798	Open	12	114
5/28/2025	6:00:00	7.4	2.025	0	287,834	Open	11.9	114
5/28/2025	6:15:00	7.4	2.623	1	287,847	Open	12.3	114
5/28/2025	6:30:00	7.4	0.000	0	287,875	Closed	12	114
5/28/2025	6:45:00	7.4	1.961	0.3	287,898	Open	11.9	114
5/28/2025	7:00:00	7.4	2.562	0.4	287,931	Open	11.8	114
5/28/2025	7:15:00	7.4	2.536	0.5	287,944	Open	12	114
5/28/2025	7:30:00	7.4	2.339	1	287,980	Open	11.7	114
5/28/2025	7:45:00	7.4	2.385	0.9	288,015	Open	11.7	114
5/28/2025	8:00:00	7.4	0.110	0	288,035	Closed	12	114
5/28/2025	8:15:00	7.4	1.624	0	288,064	Open	11.9	114
5/28/2025	8:30:00	7.4	0.000	1.5	288,089	Closed	12	114
5/28/2025	8:45:00	7.4	2.449	0	288,113	Open	12	114
5/28/2025	9:00:00	7.4	2.419	0	288,150	Open	12	114
5/28/2025	9:15:00	7.4	2.419	0	288,186	Open	12.1	114
5/28/2025	9:30:00	7.4	1.836	0	288,201	Open	12.3	114
5/28/2025	9:45:00	7.4	2.362	1.3	288,221	Open	12.3	114
5/28/2025	10:00:00	7.4	2.256	0	288,255	Open	12.2	114
5/28/2025	10:15:00	7.4	0.000	0	288,272	Closed	12.7	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/28/2025	10:30:00	7.4	2.267	0	288,305	Open	12.5	114
5/28/2025	10:45:00	7.4	1.245	1.6	288,328	Open	12.4	114
5/28/2025	11:00:00	7.4	2.161	0	288,355	Open	12.7	114
5/28/2025	11:15:00	7.4	2.120	0	288,387	Open	12.7	114
5/28/2025	11:30:00	7.4	2.120	0	288,419	Open	13	114
5/28/2025	11:45:00	7.4	1.408	2.6	288,443	Open	12.8	114
5/28/2025	12:00:00	7.4	2.139	0	288,469	Open	13	114
5/28/2025	12:15:00	7.3	2.074	0	288,501	Open	14.1	116
5/28/2025	12:30:00	7.3	0.000	0	288,527	Closed	14.8	257
5/28/2025	12:45:00	7.3	1.302	0	288,541	Open	14.8	116
5/28/2025	13:00:00	7.3	2.082	3.7	288,549	Open	16.2	255
5/28/2025	13:15:00	7.4	1.575	0	288,578	Open	13.4	116
5/28/2025	13:30:00	7.4	2.135	0	288,608	Open	13.4	116
5/28/2025	13:45:00	7.4	2.104	0	288,640	Open	13.4	116
5/28/2025	14:00:00	7.4	2.074	0.6	288,671	Open	13.3	116
5/28/2025	14:15:00	7.4	2.581	1.3	288,706	Open	13.4	116
5/28/2025	14:30:00	7.4	2.483	1.2	288,743	Open	13.5	116
5/28/2025	14:45:00	7.4	1.658	1.7	288,776	Open	14	117
5/28/2025	15:00:00	7.3	2.173	2.2	288,804	Open	15.3	255
5/28/2025	15:15:00	7.3	2.089	1.1	288,836	Open	15.8	256
5/28/2025	15:30:00	7.3	1.779	3.1	288,851	Open	15.6	256
5/28/2025	15:45:00	7.4	2.324	0.5	288,874	Open	13.4	116
5/28/2025	16:00:00	7.4	2.566	0.2	288,910	Open	13.3	116
5/28/2025	16:15:00	7.4	1.764	0	288,944	Open	13.6	117
5/28/2025	16:30:00	7.4	0.000	4	288,966	Closed	13.7	117
5/28/2025	16:45:00	7.4	2.146	0.8	289,005	Open	13.4	117

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/28/2025	17:00:00	7.4	2.157	0	289,037	Open	13.6	117
5/28/2025	17:15:00	7.4	2.146	0	289,070	Open	13.6	117
5/28/2025	17:30:00	7.4	1.616	0	289,101	Open	13.4	117
5/28/2025	17:45:00	7.4	0.000	0	289,119	Closed	13.5	117
5/28/2025	18:00:00	7.4	2.309	0	289,136	Open	13.8	117
5/28/2025	18:15:00	7.5	1.760	2.1	289,170	Open	13.1	117
5/28/2025	18:30:00	7.4	2.226	0	289,193	Open	13.2	117
5/28/2025	18:45:00	7.4	2.218	0	289,226	Open	13.2	117
5/28/2025	19:00:00	7.4	2.150	0	289,257	Open	13.1	117
5/28/2025	19:15:00	7.4	2.131	0	289,289	Open	13	117
5/28/2025	19:30:00	7.4	1.669	0	289,320	Open	13.2	116
5/28/2025	19:45:00	7.4	2.192	0	289,350	Open	12.9	116
5/28/2025	20:00:00	7.4	1.450	1	289,380	Open	12.7	116
5/28/2025	20:15:00	7.4	2.631	0	289,413	Open	12.6	117
5/28/2025	20:30:00	7.4	1.760	0	289,447	Open	12.6	116
5/28/2025	20:45:00	7.4	2.699	0	289,469	Open	12.6	116
5/28/2025	21:00:00	7.4	2.676	0	289,489	Open	12.7	117
5/28/2025	21:15:00	7.4	2.574	0	289,529	Open	12.6	116
5/28/2025	21:30:00	7.4	1.972	0	289,563	Open	12.6	117
5/28/2025	21:45:00	7.4	2.396	0	289,599	Open	12.6	116
5/28/2025	22:00:00	7.4	2.358	0	289,611	Open	12.9	116
5/28/2025	22:15:00	7.4	0.840	0	289,630	Open	13.3	117
5/28/2025	22:30:00	7.4	2.286	0	289,654	Open	13	117
5/28/2025	22:45:00	7.4	2.195	0	289,687	Open	12.8	116
5/28/2025	23:00:00	7.4	2.203	0	289,720	Open	12.8	116
5/28/2025	23:15:00	7.4	2.173	0	289,752	Open	12.7	117

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
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Data Date Range	**May 26, 2025 to June 1, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/28/2025	23:30:00	7.4	1.529	0	289,784	Open	12.7	117
5/28/2025	23:45:00	7.4	2.896	0	289,824	Open	12.4	116
5/29/2025	0:00:00	7.4	2.907	0	289,864	Open	12.5	114
5/29/2025	0:15:00	7.4	2.911	0.9	289,889	Open	12.6	117
5/29/2025	0:30:00	7.4	0.000	0.6	289,925	Closed	12.7	117
5/29/2025	0:45:00	7.4	2.861	0.6	289,954	Open	12.6	117
5/29/2025	1:00:00	7.4	2.861	0.5	289,969	Open	12.6	114
5/29/2025	1:15:00	7.4	2.419	0	290,006	Open	12.7	115
5/29/2025	1:30:00	7.4	2.316	0	290,025	Open	12.8	117
5/29/2025	1:45:00	7.4	2.786	0.6	290,065	Open	12.7	117
5/29/2025	2:00:00	7.4	2.835	1.9	290,098	Open	12.7	117
5/29/2025	2:15:00	7.4	2.755	0.8	290,117	Open	13.1	117
5/29/2025	2:30:00	7.5	0.265	0.2	290,151	Open	12.9	116
5/29/2025	2:45:00	7.4	2.525	0	290,171	Open	12.6	117
5/29/2025	3:00:00	7.4	2.070	0	290,207	Open	12.6	117
5/29/2025	3:15:00	7.4	0.000	0	290,229	Closed	12.8	117
5/29/2025	3:30:00	7.4	2.665	0	290,254	Open	12.5	117
5/29/2025	3:45:00	7.4	0.000	0	290,278	Closed	12.7	117
5/29/2025	4:00:00	7.4	2.600	0	290,312	Open	12.3	115
5/29/2025	4:15:00	7.4	2.578	0	290,351	Open	12.2	115
5/29/2025	4:30:00	7.4	2.555	0.2	290,373	Open	12.4	114
5/29/2025	4:45:00	7.4	2.532	0	290,411	Open	12.1	114
5/29/2025	5:00:00	7.4	2.033	5.5	290,439	Open	12	114
5/29/2025	5:15:00	7.4	0.000	0.1	290,461	Closed	12.2	114
5/29/2025	5:30:00	7.4	2.491	0.7	290,484	Open	11.9	114
5/29/2025	5:45:00	7.4	2.487	0	290,521	Open	11.9	114

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
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Data Date Range	**May 26, 2025 to June 1, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/29/2025	6:00:00	7.4	2.434	0.4	290,558	Open	11.9	114
5/29/2025	6:15:00	7.4	0.000	0.5	290,584	Closed	12.2	114
5/29/2025	6:30:00	7.4	2.525	0	290,607	Open	12	114
5/29/2025	6:45:00	7.4	2.453	0.1	290,644	Open	11.9	114
5/29/2025	7:00:00	7.4	0.000	0	290,658	Closed	12.1	114
5/29/2025	7:15:00	7.4	2.403	0.7	290,674	Open	12	114
5/29/2025	7:30:00	7.4	2.456	0	290,711	Open	11.8	114
5/29/2025	7:45:00	7.4	2.441	0	290,748	Open	11.7	114
5/29/2025	8:00:00	7.4	2.407	0	290,784	Open	11.7	114
5/29/2025	8:15:00	7.4	2.358	0.1	290,820	Open	11.7	114
5/29/2025	8:30:00	7.5	1.347	0.2	290,849	Open	11.8	114
5/29/2025	8:45:00	7.4	0.000	0.7	290,854	Closed	12.2	113
5/29/2025	9:00:00	7.5	0.000	3.3	290,871	Closed	11.7	114
5/29/2025	9:15:00	7.4	2.044	0	290,890	Open	11.8	113
5/29/2025	9:30:00	7.4	2.074	0	290,921	Open	11.9	113
5/29/2025	9:45:00	7.4	2.070	0	290,953	Open	11.8	114
5/29/2025	10:00:00	7.4	2.040	0.1	290,983	Open	11.8	114
5/29/2025	10:15:00	7.4	2.010	0	291,013	Open	11.8	114
5/29/2025	10:30:00	7.4	1.995	0	291,043	Open	11.8	114
5/29/2025	10:45:00	7.4	1.139	0	291,059	Open	11.7	114
5/29/2025	11:00:00	7.4	0.273	0	291,085	Open	12	114
5/29/2025	11:15:00	7.4	2.385	0.8	291,112	Open	12	114
5/29/2025	11:30:00	7.4	2.339	0	291,147	Open	12.3	114
5/29/2025	11:45:00	7.4	1.173	0	291,175	Open	12.9	116
5/29/2025	12:00:00	7.4	2.214	0	291,202	Open	13.2	116
5/29/2025	12:15:00	7.4	2.226	1.2	291,236	Open	12.7	117

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/29/2025	12:30:00	7.4	2.199	2.6	291,258	Open	13.2	117
5/29/2025	12:45:00	7.4	2.441	0.7	291,289	Open	13.2	116
5/29/2025	13:00:00	7.4	2.422	0	291,325	Open	12.6	116
5/29/2025	13:15:00	7.4	0.000	0.4	291,356	Closed	12.9	116
5/29/2025	13:30:00	7.4	2.381	0.3	291,382	Open	12.9	117
5/29/2025	13:45:00	7.4	2.305	0.5	291,417	Open	12.8	114
5/29/2025	14:00:00	7.4	1.347	2.5	291,442	Open	12.5	114
5/29/2025	14:15:00	7.4	2.309	0.4	291,474	Open	12.5	114
5/29/2025	14:30:00	7.4	1.696	0	291,508	Open	12.6	114
5/29/2025	14:45:00	7.4	2.176	1.3	291,524	Open	13	114
5/29/2025	15:00:00	7.4	2.173	0	291,557	Open	12.8	114
5/29/2025	15:15:00	7.4	2.123	0	291,589	Open	12.9	114
5/29/2025	15:30:00	7.5	0.852	4.7	291,604	Open	12.6	114
5/29/2025	15:45:00	7.4	2.373	0	291,630	Open	12.6	114
5/29/2025	16:00:00	7.4	2.320	0	291,665	Open	12.6	114
5/29/2025	16:15:00	7.4	2.328	0.2	291,694	Open	12.5	114
5/29/2025	16:30:00	7.4	2.267	0.7	291,728	Open	12.5	114
5/29/2025	16:45:00	7.4	0.000	0.2	291,759	Closed	12.5	114
5/29/2025	17:00:00	7.4	2.256	0.3	291,768	Open	12.8	117
5/29/2025	17:15:00	7.5	2.184	0.6	291,802	Open	12.8	119
5/29/2025	17:30:00	7.5	1.813	0.5	291,832	Open	13.1	118
5/29/2025	17:45:00	7.5	2.366	1.7	291,866	Open	12.9	118
5/29/2025	18:00:00	7.5	1.491	4.4	291,881	Open	12.9	117
5/29/2025	18:15:00	7.5	2.320	0	291,909	Open	13	116
5/29/2025	18:30:00	7.5	2.275	0	291,944	Open	13.1	116
5/29/2025	18:45:00	7.4	1.321	0	291,968	Open	14.2	116

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 26, 2025 to June 1, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/29/2025	19:00:00	7.4	2.320	0.8	291,988	Open	12.9	116
5/29/2025	19:15:00	7.5	1.457	0.3	292,019	Open	12.8	116
5/29/2025	19:30:00	7.5	2.188	0.9	292,044	Open	12.8	117
5/29/2025	19:45:00	7.5	2.157	0.3	292,076	Open	12.6	116
5/29/2025	20:00:00	7.5	2.131	0.8	292,108	Open	12.5	114
5/29/2025	20:15:00	7.5	2.112	0.5	292,140	Open	12.4	114
5/29/2025	20:30:00	7.5	2.070	1.2	292,171	Open	12.3	114
5/29/2025	20:45:00	7.4	1.639	5.1	292,199	Open	12.3	114
5/29/2025	21:00:00	7.4	0.000	0.3	292,218	Closed	12.4	114
5/29/2025	21:15:00	7.4	2.286	0.8	292,247	Open	12.1	113
5/29/2025	21:30:00	7.4	2.245	1.8	292,281	Open	12.1	114
5/29/2025	21:45:00	7.4	2.229	0.7	292,314	Open	12.1	114
5/29/2025	22:00:00	7.4	2.256	2.4	292,325	Open	12.3	114
5/29/2025	22:15:00	7.4	0.000	1	292,355	Closed	12.2	114
5/29/2025	22:30:00	7.4	2.248	1.6	292,377	Open	12.2	114
5/29/2025	22:45:00	7.4	2.226	1.3	292,404	Open	12.1	114
5/29/2025	23:00:00	7.4	2.173	0.8	292,432	Open	12.1	114
5/29/2025	23:15:00	7.4	2.120	0.5	292,464	Open	12	114
5/29/2025	23:30:00	7.4	2.195	0.1	292,497	Open	12	114
5/29/2025	23:45:00	7.4	2.260	0.4	292,530	Open	12	114
5/30/2025	0:00:00	7.4	2.241	0.4	292,558	Open	12	114
5/30/2025	0:15:00	7.4	0.575	1.3	292,579	Open	12.5	114
5/30/2025	0:30:00	7.4	2.309	0.7	292,588	Open	12.2	114
5/30/2025	0:45:00	7.4	0.000	3.7	292,617	Closed	12.2	114
5/30/2025	1:00:00	7.4	2.297	0.4	292,638	Open	12.1	114
5/30/2025	1:15:00	7.4	2.332	0	292,653	Open	12.2	263

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 26, 2025 to June 1, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/30/2025	1:30:00	7.4	2.267	0.2	292,687	Open	12.2	263
5/30/2025	1:45:00	7.3	0.000	1.6	292,700	Closed	12.5	263
5/30/2025	2:00:00	7.4	2.339	0.2	292,728	Open	12.2	264
5/30/2025	2:15:00	7.3	2.400	1.5	292,741	Open	12.7	266
5/30/2025	2:30:00	7.3	2.324	1.3	292,777	Open	12.3	266
5/30/2025	2:45:00	7.3	2.339	2.2	292,794	Open	12.3	266
5/30/2025	3:00:00	7.3	2.309	1.3	292,829	Open	12.2	266
5/30/2025	3:15:00	7.3	0.000	2.5	292,854	Closed	12.3	266
5/30/2025	3:30:00	7.3	1.207	5.1	292,876	Open	12.1	268
5/30/2025	3:45:00	7.3	2.316	5.1	292,900	Open	12	268
5/30/2025	4:00:00	7.3	2.229	0.5	292,934	Open	12	266
5/30/2025	4:15:00	7.3	2.267	2.5	292,940	Open	12.2	268
5/30/2025	4:30:00	7.3	2.256	2.4	292,973	Open	12.1	268
5/30/2025	4:45:00	7.4	2.241	4.5	293,007	Open	12.1	268
5/30/2025	5:00:00	7.4	2.222	4	293,041	Open	12.1	267
5/30/2025	5:15:00	7.4	2.173	4.8	293,073	Open	12	266
5/30/2025	5:30:00	7.4	2.142	6.8	293,106	Open	11.9	266
5/30/2025	5:45:00	7.4	1.344	4	293,134	Open	11.8	114
5/30/2025	6:00:00	7.4	2.173	2.3	293,162	Open	11.7	114
5/30/2025	6:15:00	7.3	2.139	5.7	293,194	Open	11.7	114
5/30/2025	6:30:00	7.3	2.218	10.8	293,205	Open	12.1	115
5/30/2025	6:45:00	7.3	2.108	4.2	293,237	Open	11.7	114
5/30/2025	7:00:00	7.3	2.067	3.9	293,269	Open	11.6	113
5/30/2025	7:15:00	7.3	1.995	2.7	293,299	Open	11.6	114
5/30/2025	7:30:00	7.3	2.207	0.8	293,323	Open	11.5	113
5/30/2025	7:45:00	7.4	2.184	1.2	293,356	Open	11.5	113

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/30/2025	8:00:00	7.4	2.131	1.2	293,388	Open	11.6	114
5/30/2025	8:15:00	7.4	2.108	0.5	293,420	Open	11.6	112
5/30/2025	8:30:00	7.4	2.222	1.2	293,445	Open	11.7	112
5/30/2025	8:45:00	7.4	2.218	0	293,479	Open	11.7	112
5/30/2025	9:00:00	7.4	2.165	0.4	293,512	Open	11.7	112
5/30/2025	9:15:00	7.4	1.419	6.6	293,536	Open	11.7	112
5/30/2025	9:30:00	7.4	2.146	0.4	293,552	Open	11.6	111
5/30/2025	9:45:00	7.4	2.472	0.3	293,585	Open	11.7	112
5/30/2025	10:00:00	7.4	2.419	0.1	293,622	Open	11.7	112
5/30/2025	10:15:00	7.4	2.279	0.2	293,656	Open	11.7	111
5/30/2025	10:30:00	7.4	2.316	1.2	293,691	Open	11.8	112
5/30/2025	10:45:00	7.5	2.570	0.9	293,727	Open	11.8	112
5/30/2025	11:00:00	7.5	1.976	0	293,761	Open	12	112
5/30/2025	11:15:00	7.5	1.351	0.3	293,783	Open	12	112
5/30/2025	11:30:00	7.4	2.248	0	293,814	Open	12	112
5/30/2025	11:45:00	7.4	2.078	0.4	293,846	Open	12	112
5/30/2025	12:00:00	7.4	2.173	0.1	293,870	Open	12.7	113
5/30/2025	12:15:00	7.4	1.665	0.5	293,901	Open	12.1	113
5/30/2025	12:30:00	7.4	1.688	1.9	293,928	Open	12	114
5/30/2025	12:45:00	7.4	2.195	0.9	293,959	Open	12	114
5/30/2025	13:00:00	7.4	2.286	0.4	293,993	Open	12	114
5/30/2025	13:15:00	7.4	2.036	0.8	294,020	Open	11.9	114
5/30/2025	13:30:00	7.4	2.203	1.8	294,046	Open	11.9	114
5/30/2025	13:45:00	7.4	2.214	1.1	294,079	Open	12	114
5/30/2025	14:00:00	7.4	2.343	0.2	294,112	Open	12	114
5/30/2025	14:15:00	7.4	1.768	0	294,146	Open	11.9	114

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 26, 2025 to June 1, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/30/2025	14:30:00	7.4	2.222	1.5	294,176	Open	11.9	114
5/30/2025	14:45:00	7.4	2.411	0.9	294,210	Open	12	114
5/30/2025	15:00:00	7.4	2.472	2.5	294,246	Open	11.9	114
5/30/2025	15:15:00	7.4	2.426	2.7	294,283	Open	11.9	114
5/30/2025	15:30:00	7.4	2.373	1.7	294,319	Open	12	114
5/30/2025	15:45:00	7.3	2.438	14.2	294,331	Open	12.3	114
5/30/2025	16:00:00	7.4	1.567	15.2	294,353	Open	11.9	114
5/30/2025	16:15:00	7.4	2.366	1	294,384	Open	12	114
5/30/2025	16:30:00	7.4	2.472	1.6	294,420	Open	12.3	114
5/30/2025	16:45:00	7.4	2.173	1.3	294,456	Open	12.5	114
5/30/2025	17:00:00	7.3	2.112	0.6	294,487	Open	12.5	114
5/30/2025	17:15:00	7.3	2.123	0.4	294,516	Open	13.3	114
5/30/2025	17:30:00	7.3	2.233	0.8	294,543	Open	12.1	114
5/30/2025	17:45:00	7.3	2.184	0.1	294,575	Open	12.3	114
5/30/2025	18:00:00	7.3	0.916	3.2	294,590	Open	12.7	114
5/30/2025	18:15:00	7.3	0.935	2.7	294,610	Open	12.1	116
5/30/2025	18:30:00	7.3	2.180	0.6	294,637	Open	12.2	116
5/30/2025	18:45:00	7.3	2.180	1	294,670	Open	12.3	114
5/30/2025	19:00:00	7.3	2.222	2	294,704	Open	12.3	114
5/30/2025	19:15:00	7.3	1.540	0.1	294,728	Open	13.1	117
5/30/2025	19:30:00	7.3	2.139	0.3	294,753	Open	12.4	119
5/30/2025	19:45:00	7.3	2.430	1	294,790	Open	12.2	117
5/30/2025	20:00:00	7.3	2.388	0.1	294,826	Open	12.1	116
5/30/2025	20:15:00	7.3	0.893	1.8	294,847	Closed	11.9	116
5/30/2025	20:30:00	7.3	2.316	0.5	294,881	Open	11.8	116
5/30/2025	20:45:00	7.4	2.271	0.2	294,915	Open	11.9	117

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
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Data Date Range	**May 26, 2025 to June 1, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/30/2025	21:00:00	7.4	2.222	0.5	294,949	Open	11.9	116
5/30/2025	21:15:00	7.4	0.814	0.7	294,977	Open	11.8	116
5/30/2025	21:30:00	7.4	2.305	0.9	295,005	Open	11.8	115
5/30/2025	21:45:00	7.4	2.275	1.2	295,040	Open	11.9	114
5/30/2025	22:00:00	7.4	2.301	1.4	295,059	Open	11.9	114
5/30/2025	22:15:00	7.4	2.256	1.4	295,093	Open	11.9	114
5/30/2025	22:30:00	7.3	2.237	2.7	295,127	Open	11.8	115
5/30/2025	22:45:00	7.3	2.226	2.8	295,160	Open	11.8	114
5/30/2025	23:00:00	7.3	2.169	2	295,193	Open	11.8	114
5/30/2025	23:15:00	7.3	2.188	3.9	295,225	Open	11.8	114
5/30/2025	23:30:00	7.3	2.328	2.1	295,243	Open	11.9	114
5/30/2025	23:45:00	7.3	2.260	1.3	295,277	Open	11.8	114
5/31/2025	0:00:00	7.3	2.263	4.5	295,300	Open	11.7	115
5/31/2025	0:15:00	7.3	2.460	1.2	295,327	Open	11.6	114
5/31/2025	0:30:00	7.3	0.000	1.7	295,348	Closed	12	114
5/31/2025	0:45:00	7.3	2.301	2.6	295,382	Open	11.7	115
5/31/2025	1:00:00	7.3	0.000	1.6	295,399	Closed	12.1	115
5/31/2025	1:15:00	7.3	1.064	7.5	295,422	Open	11.7	114
5/31/2025	1:30:00	7.3	2.388	2.3	295,454	Open	11.6	115
5/31/2025	1:45:00	7.3	2.441	2.4	295,475	Open	11.6	114
5/31/2025	2:00:00	7.3	2.350	3.9	295,511	Open	11.6	114
5/31/2025	2:15:00	7.3	0.000	1.3	295,528	Closed	12	114
5/31/2025	2:30:00	7.3	2.354	1.3	295,553	Open	11.7	114
5/31/2025	2:45:00	7.3	2.377	1.7	295,588	Open	11.6	114
5/31/2025	3:00:00	7.3	0.424	3.3	295,622	Closed	11.7	114
5/31/2025	3:15:00	7.3	2.385	5.3	295,644	Open	11.7	115

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 26, 2025 to June 1, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/31/2025	3:30:00	7.3	2.324	3.5	295,679	Open	11.7	115
5/31/2025	3:45:00	7.3	2.456	3.6	295,694	Open	11.9	115
5/31/2025	4:00:00	7.3	2.385	3.8	295,730	Open	11.7	114
5/31/2025	4:15:00	7.3	2.282	4	295,766	Open	11.7	114
5/31/2025	4:30:00	7.3	2.388	6.1	295,784	Open	11.8	114
5/31/2025	4:45:00	7.3	1.658	4.8	295,817	Open	11.7	114
5/31/2025	5:00:00	7.3	2.354	2.5	295,851	Open	11.7	114
5/31/2025	5:15:00	7.3	2.438	2.6	295,871	Open	11.7	114
5/31/2025	5:30:00	7.3	2.388	2.7	295,907	Open	11.7	114
5/31/2025	5:45:00	7.3	2.381	3.1	295,926	Open	11.7	114
5/31/2025	6:00:00	7.3	0.776	1.8	295,952	Open	11.6	114
5/31/2025	6:15:00	7.3	2.392	1.4	295,983	Open	11.5	114
5/31/2025	6:30:00	7.3	2.328	1.8	296,018	Open	11.6	114
5/31/2025	6:45:00	7.3	2.373	4.4	296,037	Open	12	114
5/31/2025	7:00:00	7.3	1.181	0.9	296,067	Open	11.5	114
5/31/2025	7:15:00	7.3	2.472	1.6	296,100	Open	11.6	114
5/31/2025	7:30:00	7.3	2.434	1.3	296,137	Open	11.7	114
5/31/2025	7:45:00	7.3	2.464	1.8	296,155	Open	11.8	114
5/31/2025	8:00:00	7.3	2.441	1.9	296,192	Open	11.6	114
5/31/2025	8:15:00	7.3	0.000	2.8	296,213	Closed	12	114
5/31/2025	8:30:00	7.3	0.000	1.9	296,235	Closed	11.7	113
5/31/2025	8:45:00	7.3	0.000	5.2	296,243	Closed	11.6	112
5/31/2025	9:00:00	7.3	2.381	5.1	296,252	Open	11.5	112
5/31/2025	9:15:00	7.3	2.555	2.8	296,289	Open	11.5	112
5/31/2025	9:30:00	7.3	0.000	2.3	296,307	Closed	11.5	113
5/31/2025	9:45:00	7.3	2.161	0.5	296,338	Open	11.8	113

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/31/2025	10:00:00	7.3	2.199	0.8	296,370	Open	11.9	113
5/31/2025	10:15:00	7.3	0.000	4.3	296,397	Closed	11.9	113
5/31/2025	10:30:00	7.3	0.852	4.9	296,420	Closed	11.5	114
5/31/2025	10:45:00	7.3	2.078	0	296,445	Open	11.6	112
5/31/2025	11:00:00	7.3	2.044	0	296,477	Open	11.9	114
5/31/2025	11:15:00	7.3	2.017	0.2	296,507	Open	12.3	114
5/31/2025	11:30:00	7.3	2.165	0.9	296,523	Open	12.3	116
5/31/2025	11:45:00	7.3	2.123	1.1	296,555	Open	12.4	116
5/31/2025	12:00:00	7.3	1.998	1.8	296,585	Open	12.3	117
5/31/2025	12:15:00	7.3	2.676	16.9	296,606	Open	12.5	114
5/31/2025	12:30:00	7.3	2.313	3.2	296,637	Open	11.9	114
5/31/2025	12:45:00	7.3	2.210	1.1	296,670	Open	11.8	114
5/31/2025	13:00:00	7.3	2.161	1.2	296,703	Open	11.8	114
5/31/2025	13:15:00	7.3	1.484	0.9	296,720	Open	11.8	114
5/31/2025	13:30:00	7.3	1.930	0.9	296,745	Open	11.8	114
5/31/2025	13:45:00	7.3	2.108	0.2	296,774	Open	11.8	114
5/31/2025	14:00:00	7.3	2.101	2.3	296,806	Open	11.8	114
5/31/2025	14:15:00	7.3	0.000	1.2	296,822	Closed	12.3	114
5/31/2025	14:30:00	7.3	2.112	1.3	296,849	Open	12	114
5/31/2025	14:45:00	7.3	2.055	1.5	296,880	Open	12.1	116
5/31/2025	15:00:00	7.3	1.609	2.4	296,890	Closed	12.1	116
5/31/2025	15:15:00	7.3	2.403	2.8	296,912	Open	12.3	116
5/31/2025	15:30:00	7.3	2.021	0.9	296,947	Open	12.5	117
5/31/2025	15:45:00	7.3	1.968	0.4	296,976	Open	12.5	117
5/31/2025	16:00:00	7.3	1.915	1	297,000	Closed	13	116
5/31/2025	16:15:00	7.3	0.000	0.2	297,023	Closed	12.6	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/31/2025	16:30:00	7.3	0.000	5.8	297,023	Closed	12.7	114
5/31/2025	16:45:00	7.3	2.192	1.1	297,052	Open	12.4	114
5/31/2025	17:00:00	7.3	1.639	1.7	297,080	Open	12.5	259
5/31/2025	17:15:00	7.2	0.000	1.8	297,111	Closed	12.5	114
5/31/2025	17:30:00	7.3	2.188	1.8	297,130	Open	12.6	261
5/31/2025	17:45:00	7.3	2.313	3.1	297,163	Open	12.5	261
5/31/2025	18:00:00	7.3	2.184	1.4	297,197	Open	12.4	114
5/31/2025	18:15:00	7.3	2.127	2.6	297,229	Open	12.4	114
5/31/2025	18:30:00	7.3	1.571	7.6	297,255	Open	12.5	114
5/31/2025	18:45:00	7.3	1.071	5	297,270	Open	12.9	261
5/31/2025	19:00:00	7.3	1.995	1.4	297,297	Open	12.6	261
5/31/2025	19:15:00	7.3	2.445	3.7	297,328	Open	12.4	114
5/31/2025	19:30:00	7.3	2.332	8.6	297,363	Open	12.2	114
5/31/2025	19:45:00	7.3	2.316	4.8	297,398	Open	12	113
5/31/2025	20:00:00	7.3	0.958	16.1	297,427	Open	11.8	113
5/31/2025	20:15:00	7.3	2.373	2.7	297,458	Open	11.8	113
5/31/2025	20:30:00	7.3	2.237	1.7	297,492	Open	11.8	114
5/31/2025	20:45:00	7.3	0.886	1.1	297,517	Open	11.8	114
5/31/2025	21:00:00	7.3	2.328	1.4	297,550	Open	11.9	114
5/31/2025	21:15:00	7.3	1.836	3.7	297,582	Open	11.9	114
5/31/2025	21:30:00	7.3	2.173	1.9	297,612	Open	11.8	114
5/31/2025	21:45:00	7.3	2.286	2.1	297,634	Open	11.7	114
5/31/2025	22:00:00	7.3	2.297	1.3	297,668	Open	11.8	114
5/31/2025	22:15:00	7.3	2.192	2.5	297,702	Open	11.9	114
5/31/2025	22:30:00	7.4	0.000	5.2	297,717	Closed	12	114
5/31/2025	22:45:00	7.4	2.438	5	297,741	Open	11.9	114

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 26, 2025 to June 1, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/31/2025	23:00:00	7.4	2.256	6.4	297,757	Closed	11.9	114
5/31/2025	23:15:00	7.4	0.424	4.4	297,766	Closed	12.2	114
5/31/2025	23:30:00	7.4	1.052	8.3	297,780	Open	11.9	114
5/31/2025	23:45:00	7.4	2.453	7.6	297,801	Open	11.8	114
6/1/2025	0:00:00	7.4	2.358	2.1	297,837	Open	11.8	114
6/1/2025	0:15:00	7.4	0.257	2.3	297,867	Closed	11.9	114
6/1/2025	0:30:00	7.4	2.195	2	297,885	Open	11.9	264
6/1/2025	0:45:00	7.4	2.332	3.3	297,909	Open	11.8	264
6/1/2025	1:00:00	7.4	2.199	1.7	297,942	Open	11.8	264
6/1/2025	1:15:00	7.4	2.180	4.9	297,975	Open	11.8	264
6/1/2025	1:30:00	7.3	0.768	8.8	298,002	Open	11.8	264
6/1/2025	1:45:00	7.3	2.271	7	298,031	Open	11.7	264
6/1/2025	2:00:00	7.3	2.199	6.6	298,065	Open	11.7	114
6/1/2025	2:15:00	7.3	2.131	2.4	298,098	Open	11.7	266
6/1/2025	2:30:00	7.3	0.731	2.6	298,120	Open	11.8	267
6/1/2025	2:45:00	7.3	2.248	4.5	298,152	Open	11.9	276
6/1/2025	3:00:00	7.4	2.226	6.4	298,185	Open	12.1	279
6/1/2025	3:15:00	7.4	0.114	5.4	298,209	Closed	12.3	282
6/1/2025	3:30:00	7.4	0.988	3.5	298,229	Open	12.2	283
6/1/2025	3:45:00	7.4	2.260	4.7	298,262	Open	12.1	279
6/1/2025	4:00:00	7.4	2.199	2.4	298,295	Open	12	278
6/1/2025	4:15:00	7.4	2.157	2.6	298,328	Open	12	273
6/1/2025	4:30:00	7.4	2.199	2.3	298,353	Open	12	271
6/1/2025	4:45:00	7.4	2.116	4.1	298,386	Open	11.9	271
6/1/2025	5:00:00	7.3	0.000	3.3	298,412	Closed	12	270
6/1/2025	5:15:00	7.3	2.010	7.7	298,432	Open	11.8	266

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 26, 2025 to June 1, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/1/2025	5:30:00	7.3	2.063	5.2	298,442	Open	11.8	266
6/1/2025	5:45:00	7.3	2.184	3.3	298,475	Open	11.7	268
6/1/2025	6:00:00	7.3	0.250	4.4	298,507	Closed	11.8	268
6/1/2025	6:15:00	7.3	2.089	3.7	298,518	Open	11.9	272
6/1/2025	6:30:00	7.3	2.123	4.7	298,546	Open	11.8	269
6/1/2025	6:45:00	7.3	2.154	3.3	298,559	Open	11.9	273
6/1/2025	7:00:00	7.3	2.131	3.4	298,591	Open	11.8	270
6/1/2025	7:15:00	7.3	2.411	6.7	298,616	Open	11.8	273
6/1/2025	7:30:00	7.3	2.453	7.7	298,652	Open	11.7	268
6/1/2025	7:45:00	7.2	2.403	5.2	298,688	Open	11.7	268
6/1/2025	8:00:00	7.2	2.347	4.1	298,724	Open	11.7	268
6/1/2025	8:15:00	7.3	1.609	2.8	298,757	Open	11.7	268
6/1/2025	8:30:00	7.3	2.290	0.9	298,788	Open	11.7	114
6/1/2025	8:45:00	7.3	0.000	1.2	298,812	Closed	11.8	114
6/1/2025	9:00:00	7.3	2.252	2.2	298,833	Open	11.7	113
6/1/2025	9:15:00	7.3	1.612	3.6	298,864	Open	11.8	114
6/1/2025	9:30:00	7.3	2.366	5.9	298,898	Open	11.7	114
6/1/2025	9:45:00	7.3	2.260	6	298,933	Open	11.8	114
6/1/2025	10:00:00	7.3	0.000	4.8	298,965	Closed	11.9	112
6/1/2025	10:15:00	7.4	1.616	13.6	298,981	Open	12	114
6/1/2025	10:30:00	7.4	1.181	6.1	298,999	Open	12	114
6/1/2025	10:45:00	7.4	2.237	2.4	299,025	Open	12	114
6/1/2025	11:00:00	7.4	1.544	4.8	299,057	Open	12.2	114
6/1/2025	11:15:00	7.3	2.475	1.9	299,089	Open	12.2	114
6/1/2025	11:30:00	7.3	2.434	2.2	299,125	Open	12.2	114
6/1/2025	11:45:00	7.3	1.771	1.4	299,159	Open	12.3	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/1/2025	12:00:00	7.3	2.339	3	299,188	Open	12.4	114
6/1/2025	12:15:00	7.3	2.245	4.1	299,207	Open	12.7	114
6/1/2025	12:30:00	7.3	1.885	6	299,237	Open	12.4	114
6/1/2025	12:45:00	7.3	2.517	3.7	299,270	Open	12.3	113
6/1/2025	13:00:00	7.3	2.350	3.4	299,306	Open	12.4	114
6/1/2025	13:15:00	7.3	1.170	2.6	299,336	Open	12.6	114
6/1/2025	13:30:00	7.3	1.802	3.7	299,358	Open	12.3	114
6/1/2025	13:45:00	7.3	1.177	6	299,386	Open	12.3	114
6/1/2025	14:00:00	7.3	2.256	3.3	299,418	Open	12.5	114
6/1/2025	14:15:00	7.3	1.518	1.9	299,451	Open	12.5	114
6/1/2025	14:30:00	7.4	1.397	4.4	299,474	Open	12.4	114
6/1/2025	14:45:00	7.4	2.241	5.9	299,500	Open	12.4	114
6/1/2025	15:00:00	7.4	2.116	17.3	299,528	Open	12.4	115
6/1/2025	15:15:00	7.4	2.256	7.1	299,562	Open	12.5	114
6/1/2025	15:30:00	7.4	2.173	7	299,583	Open	12.5	115
6/1/2025	15:45:00	7.4	2.157	7.2	299,616	Open	12.6	114
6/1/2025	16:00:00	7.4	1.802	16.6	299,634	Open	12.4	114
6/1/2025	16:15:00	7.4	1.908	12.8	299,659	Open	12.5	114
6/1/2025	16:30:00	7.4	2.044	9.3	299,682	Open	12.6	114
6/1/2025	16:45:00	7.4	2.006	7.6	299,712	Open	12.6	114
6/1/2025	17:00:00	7.4	2.006	6.6	299,743	Open	12.7	114
6/1/2025	17:15:00	7.4	1.737	15.1	299,768	Open	12.7	114
6/1/2025	17:30:00	7.4	2.142	4.2	299,797	Open	12.6	114
6/1/2025	17:45:00	7.4	2.116	5.5	299,829	Open	12.6	114
6/1/2025	18:00:00	7.4	1.624	4.2	299,857	Open	12.9	114
6/1/2025	18:15:00	7.4	2.150	4.6	299,884	Open	12.5	115

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/1/2025	18:30:00	7.4	1.987	2	299,916	Open	12.4	114
6/1/2025	18:45:00	7.4	1.938	2.9	299,945	Open	12.5	114
6/1/2025	19:00:00	7.4	1.370	8.1	299,970	Open	12.6	114
6/1/2025	19:15:00	7.4	2.051	9.5	299,994	Open	12.4	114
6/1/2025	19:30:00	7.4	2.218	7.9	300,026	Open	12.3	114
6/1/2025	19:45:00	7.4	2.112	9.1	300,058	Open	12.2	114
6/1/2025	20:00:00	7.4	2.210	9.8	300,079	Open	12	114
6/1/2025	20:15:00	7.4	2.165	7.8	300,112	Open	11.9	112
6/1/2025	20:30:00	7.4	2.335	6.7	300,133	Open	11.9	112
6/1/2025	20:45:00	7.4	2.275	8	300,168	Open	11.9	112
6/1/2025	21:00:00	7.4	2.245	7.4	300,201	Open	12	112
6/1/2025	21:15:00	7.4	2.419	4.8	300,225	Open	12	114
6/1/2025	21:30:00	7.4	2.248	3.1	300,260	Open	11.9	114
6/1/2025	21:45:00	7.4	2.339	5.6	300,295	Open	11.8	112
6/1/2025	22:00:00	7.3	2.233	7.4	300,330	Open	11.8	112
6/1/2025	22:15:00	7.4	0.348	25.7	300,359	Open	11.8	112
6/1/2025	22:30:00	7.4	2.025	74.7	300,375	Closed	11.8	112
6/1/2025	22:45:00	7.4	2.320	166.2	300,375	Closed	11.8	111
6/1/2025	23:00:00	7.4	2.343	173.3	300,375	Closed	11.8	112
6/1/2025	23:15:00	7.4	2.157	92.6	300,375	Closed	11.7	112
6/1/2025	23:30:00	7.4	2.294	43.8	300,375	Closed	11.7	112
6/1/2025	23:45:00	7.4	0.768	29	300,375	Closed	11.6	112

Appendix B: Photos

Photo 1: No visible sheen observed in the WTP water, May 26

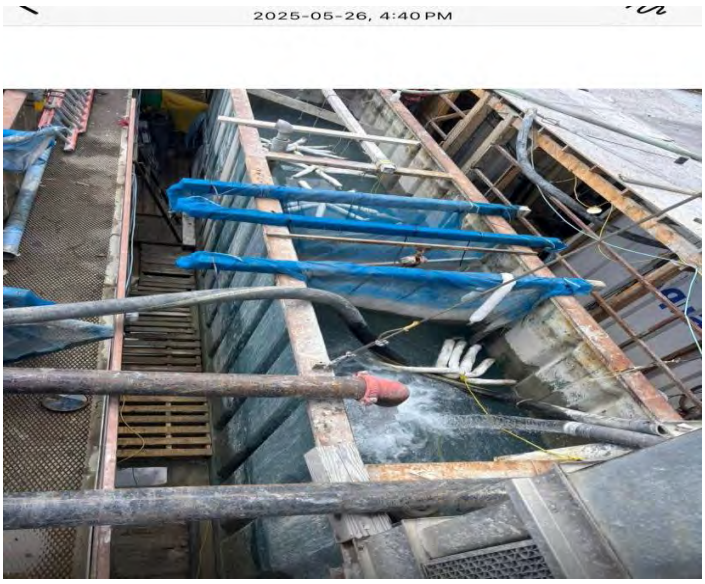



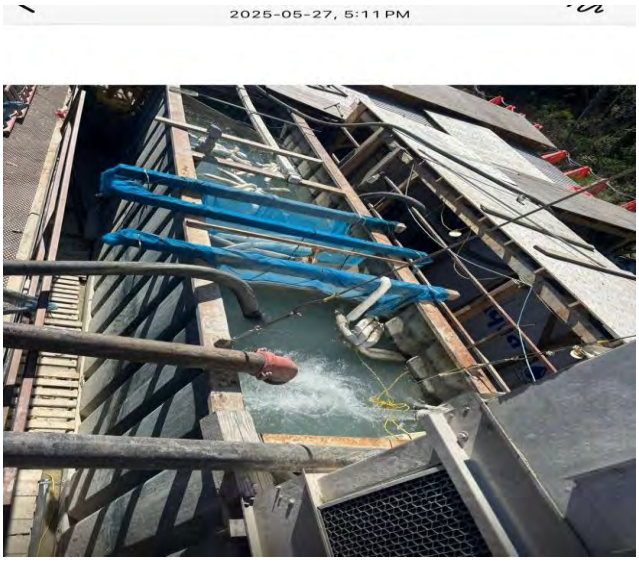
Photo 2: No visible sheen observed in the WTP water, May 27


Photo 3: No visible sheen observed in the WTP water, May 28

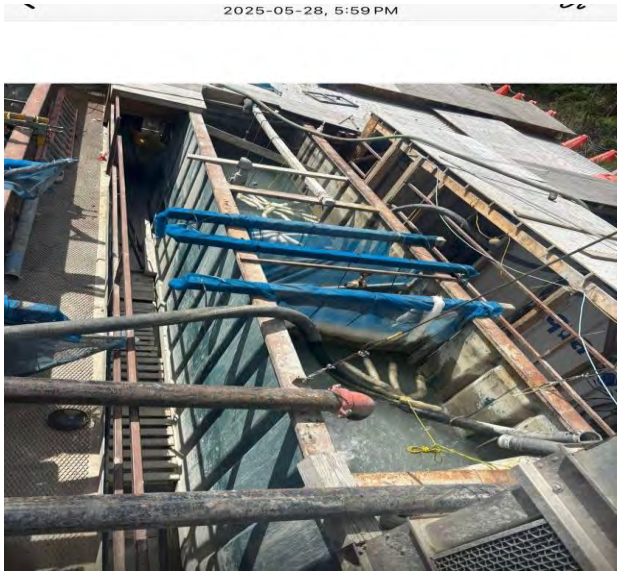



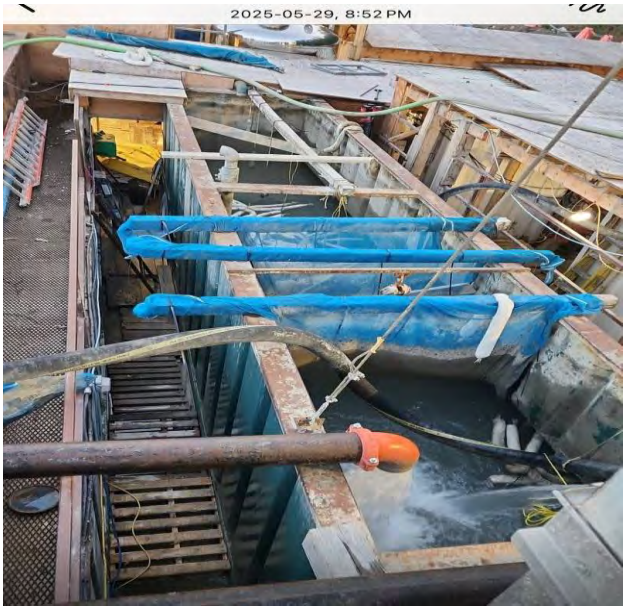
Photo 4: No visible sheen observed in the WTP water, May 29


Photo 5: No visible sheen observed in the WTP water, May 30

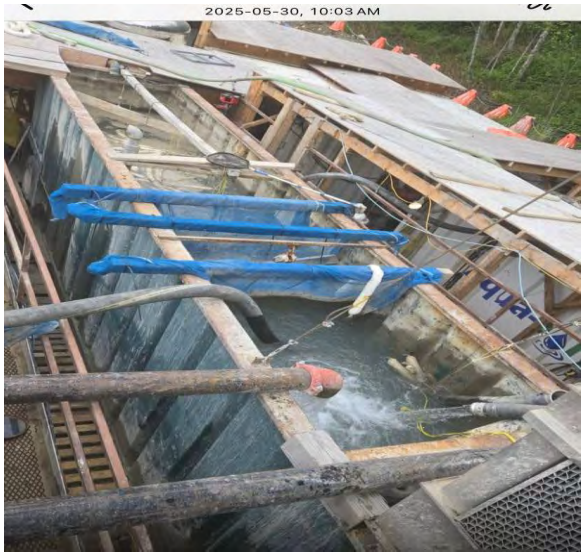



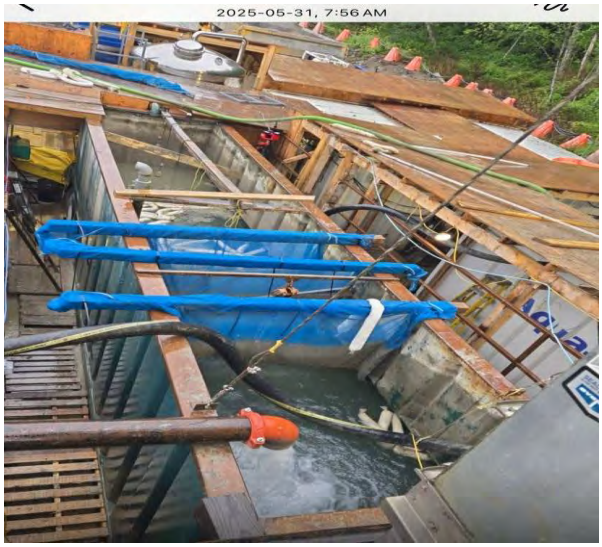
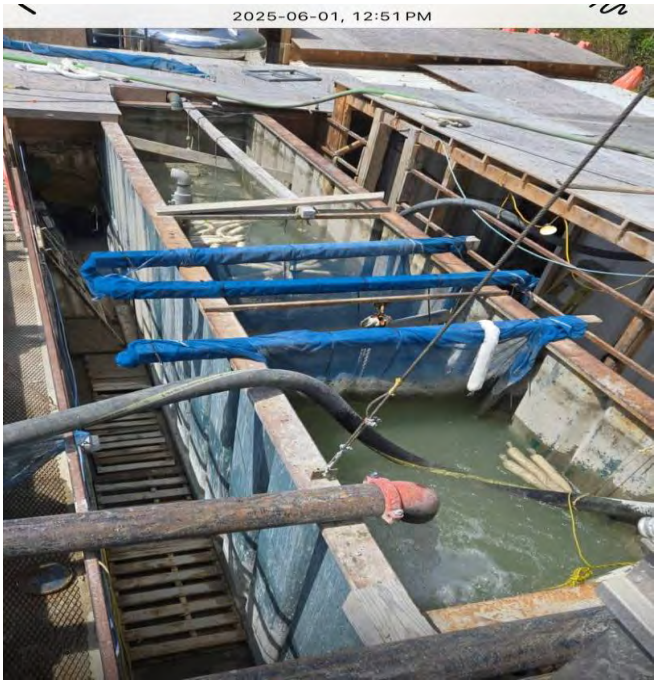
Photo 6: No visible sheen observed in the WTP water, May 31


Photo 7: No visible sheen observed in the WTP water, June 01


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 [1,2]	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1,2]	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1,2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average [1,2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max [1,2]	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average [1,2]	WLNG US 2025-05-27 09:12:00 [3]	WLNG DS 2025-05-27 10:11:00 [3]
In situ Parameters									
Field pH	pH Units	6.5 - 9			7 - 8.7			**6.32**	7.3
Field Temperature	°C	18	19					10.6	10.9
General Parameters									
pH	pH Units							6.5	7.22
Alkalinity (Total as $CaCO_3$)	mg/L							5.9	36
Alkalinity (PP as $CaCO_3$)	mg/L							<1	<1
Hardness ($CaCO_3$)-Total	mg/L							6.32	36.3
Hardness ($CaCO_3$)-Dissolved	mg/L							6.53	40.3
Sulphide-Total	mg/L							<0.0018	<0.0018
Sulphide (as H2S)	mg/L			0.002				<0.002	<0.002
Un-ionized Hydrogen Sulfide as H2S-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	1.82	15.9		12	131		<0.015	<0.015
Bicarbonate (HCO_3)	mg/L							7.2	44
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							0.093	0.102
Phosphorus (P)-Total (4500-P)	mg/L							0.0079	0.0056
Bromide (Br)	mg/L							<0.01	<0.01
Chloride (Cl)	mg/L	150	600					<1	5.9
Fluoride (F)	mg/L		0.4			1.5		<0.05	0.1
Sulphate (SO_4)-Dissolved	mg/L	128						1.8	5.5
Total Metals									
Aluminum (Al)-Total	mg/L	0.021873						**0.0801**	**0.195**
Antimony (Sb)-Total	mg/L	0.074	0.25					0.000026	0.000351
Arsenic (As)-Total	mg/L	0.005			0.0125			0.000091	0.000712
Barium (Ba)-Total	mg/L			1				0.0038	0.00509
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	0.0000079	0.0000058
Calcium (Ca)-Total	mg/L							2.14	13.4
Cesium (Cs)-Total	mg/L							<0.00005	<0.00005
Chromium (Cr)-Total	mg/L							<0.0001	0.00014
Chromium III-Total	mg/L							<0.00099	<0.00099
Chromium (Cr VI)-Total	mg/L			0.0025			0.0015	<0.00099	<0.00099
Cobalt (Co)-Total	mg/L	0.000389	0.11					0.000031	0.000064
Copper (Cu)-Total	mg/L				0.002	0.003		0.000602	0.00045
Iron (Fe)-Total	mg/L		1					0.0546	0.128
Lead (Pb)-Total	mg/L				0.002	0.14		0.0000392	0.000086
Lithium (Li)-Total	mg/L							<0.0005	0.00229
Magnesium (Mg)-Total	mg/L							0.237	0.71
Manganese (Mn)-Total	mg/L	0.633	0.61				0.1	0.00216	0.0117
Mercury (Hg)-Total	mg/L	0.00002			0.00002			<0.0000019	<0.0000019
Molybdenum (Mo)-Total	mg/L	7.6	46					0.000329	0.0109
Nickel (Ni)-Total	mg/L						0.0083	0.000256	0.00013
Phosphorus (P)-Total (ICPMS)	mg/L							0.009	<0.005
Potassium (K)-Total	mg/L							0.186	1.07
Rubidium (Rb)-Total	mg/L							0.000438	0.00267
Selenium (Se)-Total	mg/L	0.002			0.002			<0.00004	<0.00004
Silicon (Si)-Total	mg/L							3.77	4.9
Silver (Ag)-Total	mg/L	0.00012				0.0037	0.0005	0.0000108	<0.00001
Sodium (Na)-Total	mg/L							1.32	3.6
Strontium (Sr)-Total	mg/L							0.0111	0.0286
Sulphur (S)-Total	mg/L							<3	<3
Tellurium (Te)-Total	mg/L							<0.00002	<0.00002
Thallium (Tl)-Total	mg/L			0.00003				0.0000023	0.0000099
Thorium (Th)-Total	mg/L							<0.00005	<0.00005
Tin (Sn)-Total	mg/L							<0.0002	<0.0002
Titanium (Ti)-Total	mg/L							0.00139	0.0067
Uranium (U)-Total	mg/L		0.0165	0.0075				0.0000775	0.000729
Vanadium (V)-Total	mg/L			0.06			0.005	<0.0002	0.00032
Zinc (Zn)-Total	mg/L				0.01	0.055		0.00142	0.0017
Zirconium (Zr)-Total	mg/L							<0.0001	<0.0001
Dissolved Metals									
Aluminum (Al)-Dissolved	mg/L							0.0862	0.217
Antimony (Sb)-Dissolved	mg/L							0.000026	0.000403
Arsenic (As)-Dissolved	mg/L							0.000096	0.000762
Barium (Ba)-Dissolved	mg/L							0.00391	0.00589
Beryllium (Be)-Dissolved	mg/L							<0.00001	<0.00001
Bismuth (Bi)-Dissolved	mg/L							<0.000005	0.0000209
Boron (B)-Dissolved	mg/L							<0.01	0.012
Cadmium (Cd)-Dissolved	mg/L	0.000028	0.000038					<0.000005	0.0000066
Calcium (Ca)-Dissolved	mg/L							2.19	14.8
Cesium (Cs)-Dissolved	mg/L							<0.00005	<0.00005
Chromium (Cr)-Dissolved	mg/L							<0.0001	0.00013
Cobalt (Co)-Dissolved	mg/L							0.0000327	0.0000686
Copper (Cu)-Dissolved	mg/L	0.0002	0.00029					**0.000617**	**0.000433**
Iron (Fe)-Dissolved	mg/L		0.35					0.0606	0.151

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1] [2]	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1] [2]	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1] [2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average [1] [2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max [1] [2]	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average [1] [2]	**WLNG US 2025-05-27 09:12:00** [3]	**WLNG DS 2025-05-27 10:11:00** [3]
Lead (Pb)-Dissolved	mg/L	0.001418						0.0000315	0.00005
Lithium (Li)-Dissolved	mg/L							<0.0005	0.00277
Manganese (Mn)-Dissolved	mg/L							0.0025	0.0133
Magnesium (Mg)-Dissolved	mg/L							0.256	0.789
Mercury (Hg)-Dissolved	mg/L							<0.0000019	<0.0000019
Molybdenum (Mo)-Dissolved	mg/L							0.000344	0.0122
Nickel (Ni)-Dissolved	mg/L	0.0007	0.0107					0.000227	0.000165
Phosphorus (P)-Dissolved	mg/L							0.0044	0.007
Potassium (K)-Dissolved	mg/L							0.176	1.2
Rubidium (Rb)-Dissolved	mg/L							0.000461	0.00286
Selenium (Se)-Dissolved	mg/L							<0.00004	<0.00004
Silicon (Si)-Dissolved	mg/L							3.94	5.39
Silver (Ag)-Dissolved	mg/L							<0.000005	<0.000005
Sodium (Na)-Dissolved	mg/L							1.37	4.08
Strontium (Sr)-Dissolved	mg/L			1.25				0.0112	0.0312
Sulphur (S)-Dissolved	mg/L							<3	<3
Tellurium (Te)-Dissolved	mg/L							<0.00002	<0.00002
Thallium (Tl)-Dissolved	mg/L							0.0000024	0.0000119
Thorium (Th)-Dissolved	mg/L							<0.00005	<0.00005
Tin (Sn)-Dissolved	mg/L							<0.0002	<0.0002
Titanium (Ti)-Dissolved	mg/L							0.00203	0.008
Uranium (U)-Dissolved	mg/L							0.0000813	0.000804
Vanadium (V)-Dissolved	mg/L							0.00022	0.0004
Zinc (Zn)-Dissolved	mg/L	0.00352	0.008787					0.00117	0.00176
Zirconium (Zr)-Dissolved	mg/L							<0.0001	<0.0001
Inorganics									
Organic Carbon (C)-Total	mg/L							2	1
Organic Carbon (C)-Dissolved	mg/L							1.9	0.73
Solids-Total Dissolved	mg/L							12	54
Solids-Total Suspended	mg/L	6	26					<1	4.4

[1] Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as $CaCO_3$) – total, Dissolved Organic Carbon (DOC), Total Alkalinity ($CaCO_3$), and Chloride).
[2] Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.
[3] Bold text denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per [1] and [2] above. Note: Not all exceedances are project related.

Woodfibre Site Receiving Environment Field Notes and Logs

Water Quality Field Data Sheet

Project: FORTIS11234

Hatfie

Location Information

Site ID: WINGs - DS / EASDS

Site Name: WINGs

Site UTM: Zone: E: 123° 14' 53.421"

(NAD83) N: 49° 40' 8.736"

Date: May 27, 2025

Time: 10:11

Crew: Will Sherwin

Weather: Clear Foggy (Cloudy) Rain Snow Windy

In Situ Parameters

pH: 7.3

Temp.: 10.9 (°C)

Turbidity: 5.41 NTU

Visible Sheen: Y / (N)

DO: 42.9 (mg/L)

Cond: 125.7 (us)

Water Surface Condition: (Clear) Turbid Foaming Ice

Photo Record

Photo

Photo

Photo

May 27, 2025 10:54:53 a.m.
149° SE
Squamish-Lillooet
British Columbia

Observations

Some Sedimentation, Water was very clear

Water Quality Field Data Sheet

Project: FORTIS11234

Hatfield

Location Information

Site ID: WING - EOP

Site Name: WING

Site UTM: Zone: E: 123° 14' 59.265"

(NAD83) N: 49° 40' 9.605

Date: May 27, 2025

Time: 09: 47

Crew: Will Sherwin

Weather: Clear Foggy (Cloudy) Rain Snow Windy

In Situ Parameters

pH: 6.92

Temp.: 11.1 °C (°C)

Turbidity: 2.15 NTU

DO: 30.2 (mg/L)

Cond: 152.9 (us)

Visible Sheen: Y (N)

Water Surface Condition: (Clear) Turbid Foaming Ice

Photo Record

Photo

Photo

Photo

May 27, 2025 10:55:03 a.m.
143° SE
Squamish-Lillooet
British Columbia

Observations

Surrounding area extremely muddy.

Water Quality Field Data Sheet

Project: FORTIS11234

Location Information

Site ID: WING-US/EASUS
Site Name: WING
Site UTM: Zone: E: 123 15 1.844
(NAD83) N: 49 40 9.674"

Date: May 27, 2025
Time: 09:12
Crew: Will Sherwin

Weather: Clear Foggy (Cloudy) Rain Snow Windy

In Situ Parameters

pH: 6.32
Temp.: 10.6 (°C)
Turbidity: 3.34 NTU
Visible Sheen: Y / (N)
Water Surface Condition: (Clear) Turbid Foaming Ice

DO: 30.4 (mg/L)
Cond: 39.1 (us)

Photo Record

Photo

Photo

Photo

Observations

Some Algae growth observed

May 27, 2025 10:54:40 a.m.
155° SE
Squamish-Lillooet
British Columbia

WLNG Site (East Creek)							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
WLNG-DS	2025-05-26 00:00:00	11.6	131.1	0.016	8.57	10.05	2.33
WLNG-DS	2025-05-26 01:00:00	11.4	129.4	0.017	8.56	10.09	3.38
WLNG-DS	2025-05-26 02:00:00	11.4	5.9	0.010	8.60	9.76	5.66
WLNG-DS	2025-05-26 03:00:00	11.4	133.5	0.018	8.56	10.05	2.02
WLNG-DS	2025-05-26 04:00:00	11.4	128.3	0.019	8.54	10.05	2.89
WLNG-DS	2025-05-26 05:00:00	11.3	122.8	0.018	8.52	10.09	2.36
WLNG-DS	2025-05-26 06:00:00	11.2	112.8	0.019	8.49	10.14	7.96
WLNG-DS	2025-05-26 07:00:00	11.2	119.2	0.020	8.49	10.13	4.30
WLNG-DS	2025-05-26 08:00:00	11.2	121.1	0.019	8.53	10.15	1.87
WLNG-DS	2025-05-26 09:00:00	11.1	109.6	0.027	8.49	10.21	3.55
WLNG-DS	2025-05-26 10:00:00	11.2	132.4	0.022	8.54	10.18	30.97
WLNG-DS	2025-05-26 11:00:00	11.4	126.9	0.024	8.51	10.15	21.56
WLNG-DS	2025-05-26 12:00:00	11.5	114.5	0.023	8.55	10.11	8.84
WLNG-DS	2025-05-26 13:00:00	11.8	103.2	0.024	8.54	10.06	10.03
WLNG-DS	2025-05-26 14:00:00	12.2	114.3	0.024	8.57	9.97	3.38
WLNG-DS	2025-05-26 15:00:00	12.4	105.2	0.022	8.55	9.92	1.58
WLNG-DS	2025-05-26 16:00:00	12.4	101.0	0.024	8.54	9.92	7.26
WLNG-DS	2025-05-26 17:00:00	12.0	110.0	0.025	8.56	10.02	0.85
WLNG-DS	2025-05-26 18:00:00	11.8	110.6	0.024	8.56	10.07	8.59
WLNG-DS	2025-05-26 19:00:00	11.6	112.1	0.023	8.56	10.13	2.44
WLNG-DS	2025-05-26 20:00:00	11.5	113.4	0.023	8.56	10.14	1.01
WLNG-DS	2025-05-26 21:00:00	11.5	116.2	0.023	8.56	10.16	3.71
WLNG-DS	2025-05-26 22:00:00	11.4	116.8	0.022	8.58	10.20	6.67
WLNG-DS	2025-05-26 23:00:00	11.4	120.7	0.020	8.59	10.18	3.02
WLNG-DS	2025-05-27 00:00:00	11.4	122.6	0.019	8.59	10.18	4.52
WLNG-DS	2025-05-27 01:00:00	11.4	115.9	0.022	8.55	10.18	9.84
WLNG-DS	2025-05-27 02:00:00	11.3	118.2	0.023	8.54	10.22	8.26
WLNG-DS	2025-05-27 03:00:00	11.0	115.0	0.023	8.53	10.28	3.37
WLNG-DS	2025-05-27 04:00:00	10.9	114.5	0.025	8.52	10.34	2.59
WLNG-DS	2025-05-27 05:00:00	10.8	113.7	0.025	8.52	10.35	2.68
WLNG-DS	2025-05-27 06:00:00	10.7	108.3	0.026	8.52	10.38	6.86
WLNG-DS	2025-05-27 07:00:00	10.7	90.6	0.026	8.47	10.36	2.76
WLNG-DS	2025-05-27 08:00:00	10.7	109.4	0.027	8.52	10.38	4.10
WLNG-DS	2025-05-27 09:00:00	10.8	110.6	0.027	8.54	10.40	3.96
WLNG-DS	2025-05-27 10:00:00	11.0	106.0	0.024	8.55	10.33	5.10
WLNG-DS	2025-05-27 11:00:00	11.1	115.7	0.023	8.54	10.32	2.70
WLNG-DS	2025-05-27 12:00:00	11.4	107.0	0.024	8.50	10.23	13.19
WLNG-DS	2025-05-27 13:00:00	11.8	120.0	0.025	8.54	10.13	1.26
WLNG-DS	2025-05-27 14:00:00	12.6	106.9	0.030	8.51	9.87	2.68
WLNG-DS	2025-05-27 15:00:00	12.2	114.3	0.030	8.56	10.05	9.23
WLNG-DS	2025-05-27 16:00:00	12.4	110.1	0.029	8.57	9.96	2.99
WLNG-DS	2025-05-27 17:00:00	12.1	118.9	0.031	8.47	10.02	4.06
WLNG-DS	2025-05-27 18:00:00	11.9	115.1	0.031	8.53	10.06	1.03
WLNG-DS	2025-05-27 19:00:00	11.6	110.8	0.029	8.53	10.10	7.76
WLNG-DS	2025-05-27 20:00:00	11.7	107.1	0.026	8.53	10.06	7.61
WLNG-DS	2025-05-27 21:00:00	11.7	121.5	0.028	8.53	10.09	0.78
WLNG-DS	2025-05-27 22:00:00	11.8	117.9	0.028	8.54	10.06	8.55
WLNG-DS	2025-05-27 23:00:00	11.9	67.8	0.024	8.38	9.91	3.38

WLNG Site (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-DS	2025-05-28 00:00:00	11.7	120.8	0.025	8.56	10.09	1.83
WLNG-DS	2025-05-28 01:00:00	11.5	118.8	0.026	8.56	10.12	4.77
WLNG-DS	2025-05-28 02:00:00	11.5	116.2	0.027	8.54	10.13	3.91
WLNG-DS	2025-05-28 03:00:00	11.3	117.6	0.027	8.55	10.16	2.20
WLNG-DS	2025-05-28 04:00:00	11.3	118.3	0.026	8.56	10.16	0.50
WLNG-DS	2025-05-28 05:00:00	11.3	117.2	0.027	8.55	10.14	2.92
WLNG-DS	2025-05-28 06:00:00	11.2	115.2	0.027	8.54	10.16	2.28
WLNG-DS	2025-05-28 07:00:00	11.1	113.4	0.027	8.53	10.18	3.30
WLNG-DS	2025-05-28 08:00:00	11.1	72.7	0.026	8.57	10.15	0.00
WLNG-DS	2025-05-28 09:00:00	11.4	114.5	0.026	8.55	10.14	3.63
WLNG-DS	2025-05-28 10:00:00	11.7	112.1	0.026	8.55	10.06	1.46
WLNG-DS	2025-05-28 11:00:00	12.1	111.4	0.026	8.56	9.95	0.13
WLNG-DS	2025-05-28 12:00:00	12.4	111.5	0.027	8.57	9.85	1.06
WLNG-DS	2025-05-28 13:00:00	13.4	5.1	0.000	8.58	9.52	1.65
WLNG-DS	2025-05-28 14:00:00	13.1	114.6	0.022	8.59	9.71	2.60
WLNG-DS	2025-05-28 15:00:00	13.1	109.2	0.023	8.58	9.69	4.53
WLNG-DS	2025-05-28 16:00:00	13.0	116.9	0.024	8.60	9.72	2.09
WLNG-DS	2025-05-28 17:00:00	13.0	118.1	0.023	8.60	9.71	2.62
WLNG-DS	2025-05-28 18:00:00	12.6	90.0	0.024	8.60	9.78	0.00
WLNG-DS	2025-05-28 19:00:00	12.4	113.5	0.022	8.57	9.84	4.36
WLNG-DS	2025-05-28 20:00:00	12.2	114.0	0.023	8.56	9.89	0.00
WLNG-DS	2025-05-28 21:00:00	12.5	77.9	0.021	8.44	9.74	0.13
WLNG-DS	2025-05-28 22:00:00	12.2	0.1	-0.002	8.58	9.71	0.78
WLNG-DS	2025-05-28 23:00:00	12.1	116.9	0.020	8.54	9.91	2.37
WLNG-DS	2025-05-29 00:00:00	11.8	117.2	0.021	8.53	10.01	6.06
WLNG-DS	2025-05-29 01:00:00	12.3	92.5	0.022	8.44	9.80	4.45
WLNG-DS	2025-05-29 02:00:00	12.1	112.2	0.019	8.56	9.94	15.33
WLNG-DS	2025-05-29 03:00:00	11.8	118.0	0.020	8.56	10.03	0.81
WLNG-DS	2025-05-29 04:00:00	11.7	116.9	0.021	8.55	10.09	2.66
WLNG-DS	2025-05-29 05:00:00	11.6	106.1	0.022	8.54	10.09	2.36
WLNG-DS	2025-05-29 06:00:00	11.4	110.5	0.022	8.54	10.15	0.52
WLNG-DS	2025-05-29 07:00:00	11.7	89.5	0.023	8.46	10.01	3.77
WLNG-DS	2025-05-29 08:00:00	11.3	106.6	0.023	8.56	10.20	0.00
WLNG-DS	2025-05-29 09:00:00	11.5	95.5	0.027	8.53	10.15	2.08
WLNG-DS	2025-05-29 10:00:00	11.5	110.6	0.027	8.53	10.15	8.36
WLNG-DS	2025-05-29 11:00:00	11.6	113.1	0.028	8.54	10.13	49.43
WLNG-DS	2025-05-29 12:00:00	11.8	109.4	0.025	8.54	10.11	28.13
WLNG-DS	2025-05-29 13:00:00	11.9	103.2	0.025	8.55	10.09	8.91
WLNG-DS	2025-05-29 14:00:00	12.5	96.0	0.024	8.56	9.96	2.44
WLNG-DS	2025-05-29 15:00:00	12.3	101.3	0.025	8.55	10.00	2.52
WLNG-DS	2025-05-29 16:00:00	12.0	102.9	0.024	8.55	10.07	0.59
WLNG-DS	2025-05-29 17:00:00	12.4	74.1	0.033	8.38	9.88	3.69
WLNG-DS	2025-05-29 18:00:00	12.2	94.9	0.028	8.53	10.03	6.08
WLNG-DS	2025-05-29 19:00:00	12.0	103.8	0.027	8.54	10.07	7.88
WLNG-DS	2025-05-29 20:00:00	11.8	105.4	0.024	8.56	10.13	1.52
WLNG-DS	2025-05-29 21:00:00	11.8	87.2	0.025	8.49	10.10	0.99
WLNG-DS	2025-05-29 22:00:00	11.7	56.5	0.023	8.57	10.03	0.39
WLNG-DS	2025-05-29 23:00:00	11.5	110.8	0.024	8.53	10.20	1.53

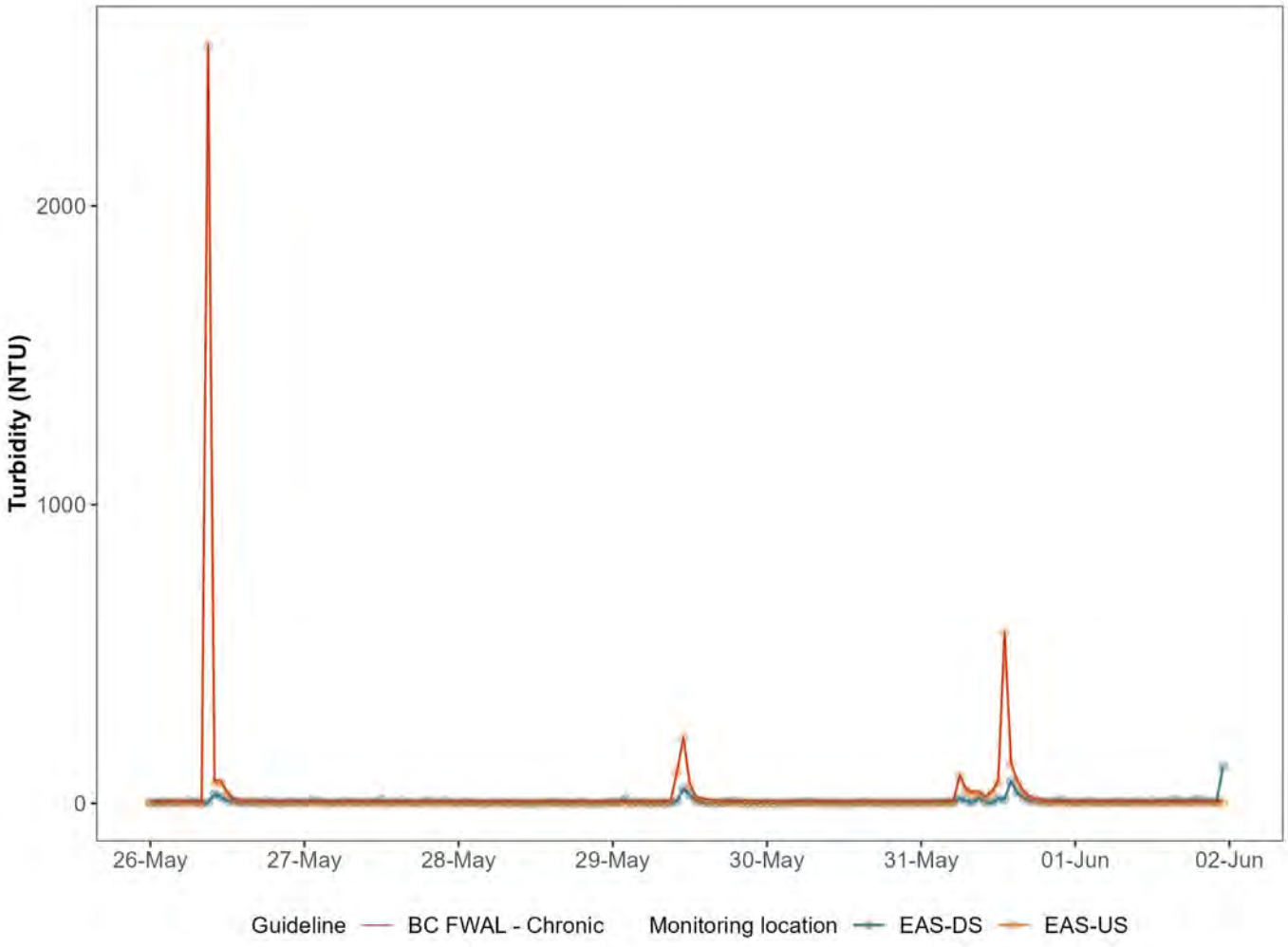
WLNG Site (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-DS	2025-05-30 00:00:00	11.4	110.9	0.023	8.52	10.25	2.11
WLNG-DS	2025-05-30 01:00:00	11.4	113.8	0.024	8.51	10.24	0.90
WLNG-DS	2025-05-30 02:00:00	11.5	119.3	0.023	8.50	10.23	0.55
WLNG-DS	2025-05-30 03:00:00	11.4	121.2	0.022	8.50	10.24	1.04
WLNG-DS	2025-05-30 04:00:00	11.3	119.7	0.022	8.52	10.26	2.38
WLNG-DS	2025-05-30 05:00:00	11.3	120.8	0.022	8.54	10.25	3.92
WLNG-DS	2025-05-30 06:00:00	11.0	113.3	0.023	8.50	10.32	5.07
WLNG-DS	2025-05-30 07:00:00	11.0	110.6	0.023	8.50	10.36	5.51
WLNG-DS	2025-05-30 08:00:00	11.0	104.8	0.024	8.53	10.33	1.37
WLNG-DS	2025-05-30 09:00:00	11.1	102.8	0.025	8.55	10.31	1.82
WLNG-DS	2025-05-30 10:00:00	11.3	104.2	0.025	8.57	10.27	0.57
WLNG-DS	2025-05-30 11:00:00	11.5	100.9	0.025	8.59	10.23	2.75
WLNG-DS	2025-05-30 12:00:00	11.8	96.5	0.026	8.56	10.14	0.22
WLNG-DS	2025-05-30 13:00:00	11.4	106.9	0.027	8.55	10.25	0.95
WLNG-DS	2025-05-30 14:00:00	11.4	108.5	0.027	8.56	10.23	2.90
WLNG-DS	2025-05-30 15:00:00	11.3	108.2	0.026	8.56	10.26	4.88
WLNG-DS	2025-05-30 16:00:00	11.6	98.2	0.027	8.52	10.13	1.92
WLNG-DS	2025-05-30 17:00:00	11.7	109.8	0.027	8.55	10.16	1.46
WLNG-DS	2025-05-30 18:00:00	11.7	86.2	0.025	8.57	10.05	1.09
WLNG-DS	2025-05-30 19:00:00	11.4	108.7	0.026	8.53	10.20	2.80
WLNG-DS	2025-05-30 20:00:00	11.2	109.7	0.026	8.53	10.23	1.99
WLNG-DS	2025-05-30 21:00:00	11.2	109.1	0.026	8.53	10.23	1.64
WLNG-DS	2025-05-30 22:00:00	11.2	107.3	0.028	8.50	10.23	2.21
WLNG-DS	2025-05-30 23:00:00	11.0	109.1	0.027	8.50	10.28	1.68
WLNG-DS	2025-05-31 00:00:00	11.1	97.9	0.027	8.47	10.24	2.77
WLNG-DS	2025-05-31 01:00:00	11.0	30.7	0.028	8.51	10.19	0.55
WLNG-DS	2025-05-31 02:00:00	10.9	113.1	0.029	8.50	10.30	2.84
WLNG-DS	2025-05-31 03:00:00	10.9	114.7	0.028	8.51	10.28	4.18
WLNG-DS	2025-05-31 04:00:00	10.9	113.9	0.028	8.50	10.31	3.82
WLNG-DS	2025-05-31 05:00:00	10.8	112.0	0.027	8.51	10.30	5.17
WLNG-DS	2025-05-31 06:00:00	10.9	96.2	0.027	8.48	10.29	16.24
WLNG-DS	2025-05-31 07:00:00	11.0	104.7	0.028	8.49	10.25	8.80
WLNG-DS	2025-05-31 08:00:00	11.0	107.8	0.029	8.50	10.27	3.55
WLNG-DS	2025-05-31 09:00:00	11.2	93.8	0.034	8.42	10.17	18.21
WLNG-DS	2025-05-31 10:00:00	11.0	105.9	0.028	8.51	10.26	4.34
WLNG-DS	2025-05-31 11:00:00	11.1	101.8	0.028	8.51	10.24	2.41
WLNG-DS	2025-05-31 12:00:00	11.2	103.4	0.028	8.50	10.24	15.54
WLNG-DS	2025-05-31 13:00:00	11.3	93.9	0.028	8.45	10.22	13.55
WLNG-DS	2025-05-31 14:00:00	11.5	98.9	0.028	8.49	10.19	74.96
WLNG-DS	2025-05-31 15:00:00	11.6	65.4	0.032	8.37	10.16	35.59
WLNG-DS	2025-05-31 16:00:00	11.7	77.5	0.031	8.42	10.13	17.84
WLNG-DS	2025-05-31 17:00:00	11.8	85.0	0.033	8.43	10.11	8.28
WLNG-DS	2025-05-31 18:00:00	11.8	96.3	0.032	8.44	10.11	9.32
WLNG-DS	2025-05-31 19:00:00	11.8	94.8	0.033	8.43	10.13	2.45
WLNG-DS	2025-05-31 20:00:00	11.4	90.3	0.032	8.44	10.20	5.79
WLNG-DS	2025-05-31 21:00:00	11.2	96.6	0.033	8.44	10.25	7.54
WLNG-DS	2025-05-31 22:00:00	11.1	95.7	0.032	8.45	10.30	11.78
WLNG-DS	2025-05-31 23:00:00	11.1	42.0	0.029	8.24	10.26	2.49

WLNG Site (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-DS	2025-06-01 00:00:00	11.0	100.3	0.032	8.47	10.32	5.14
WLNG-DS	2025-06-01 01:00:00	11.0	103.9	0.030	8.45	10.34	3.32
WLNG-DS	2025-06-01 02:00:00	10.9	102.6	0.030	8.44	10.36	7.68
WLNG-DS	2025-06-01 03:00:00	11.1	118.6	0.028	8.51	10.32	4.85
WLNG-DS	2025-06-01 04:00:00	10.9	115.7	0.027	8.49	10.35	3.38
WLNG-DS	2025-06-01 05:00:00	10.8	108.4	0.027	8.46	10.40	3.55
WLNG-DS	2025-06-01 06:00:00	10.7	109.1	0.028	8.43	10.44	4.85
WLNG-DS	2025-06-01 07:00:00	10.7	111.6	0.029	8.42	10.42	5.70
WLNG-DS	2025-06-01 08:00:00	10.7	110.4	0.028	8.43	10.43	4.28
WLNG-DS	2025-06-01 09:00:00	10.7	103.1	0.030	8.47	10.44	3.70
WLNG-DS	2025-06-01 10:00:00	11.0	100.2	0.031	8.52	10.36	8.06
WLNG-DS	2025-06-01 11:00:00	11.4	102.3	0.031	8.52	10.28	2.01
WLNG-DS	2025-06-01 12:00:00	11.8	97.5	0.032	8.51	10.16	8.48
WLNG-DS	2025-06-01 13:00:00	12.1	102.2	0.032	8.54	10.12	3.83
WLNG-DS	2025-06-01 14:00:00	12.3	101.6	0.031	8.55	10.06	5.49
WLNG-DS	2025-06-01 15:00:00	12.2	92.3	0.032	8.53	10.05	9.88
WLNG-DS	2025-06-01 16:00:00	12.2	93.5	0.033	8.54	10.03	10.21
WLNG-DS	2025-06-01 17:00:00	12.1	104.1	0.032	8.57	10.05	7.05
WLNG-DS	2025-06-01 18:00:00	11.9	96.1	0.033	8.53	10.11	6.60
WLNG-DS	2025-06-01 19:00:00	11.7	98.8	0.039	8.53	10.15	13.45
WLNG-DS	2025-06-01 20:00:00	11.6	77.9	0.034	8.43	10.15	9.17
WLNG-DS	2025-06-01 21:00:00	11.4	104.1	0.031	8.55	10.22	7.02
WLNG-DS	2025-06-01 22:00:00	11.3	102.9	0.031	8.53	10.26	6.23
WLNG-DS	2025-06-01 23:00:00	11.3	79.3	0.032	8.51	10.16	123.80
WLNG-US	2025-05-26 00:00:00	11.6	17.8	0.317	7.05	9.67	1.22
WLNG-US	2025-05-26 01:00:00	11.5	17.9	0.317	7.06	9.70	1.13
WLNG-US	2025-05-26 02:00:00	11.4	17.7	0.307	7.08	9.72	1.16
WLNG-US	2025-05-26 03:00:00	11.4	17.7	0.300	7.01	9.73	1.40
WLNG-US	2025-05-26 04:00:00	11.3	17.6	0.280	6.96	9.74	3.03
WLNG-US	2025-05-26 05:00:00	11.3	17.5	0.272	7.04	9.79	1.91
WLNG-US	2025-05-26 06:00:00	11.2	33.7	0.264	7.12	9.80	1.26
WLNG-US	2025-05-26 07:00:00	11.2	65.7	0.264	7.26	9.83	1.39
WLNG-US	2025-05-26 08:00:00	11.3	62.7	0.266	7.26	9.81	1.16
WLNG-US	2025-05-26 09:00:00	11.7	248.9	0.205	8.30	9.74	2534.56
WLNG-US	2025-05-26 10:00:00	11.6	127.5	0.225	7.72	9.79	70.49
WLNG-US	2025-05-26 11:00:00	11.8	106.7	0.224	7.70	9.85	68.40
WLNG-US	2025-05-26 12:00:00	11.6	52.6	0.233	7.50	9.86	31.76
WLNG-US	2025-05-26 13:00:00	11.8	39.2	0.238	7.46	9.92	7.06
WLNG-US	2025-05-26 14:00:00	12.2	33.8	0.241	7.37	9.83	4.49
WLNG-US	2025-05-26 15:00:00	12.3	31.2	0.249	7.36	9.79	3.43
WLNG-US	2025-05-26 16:00:00	12.4	28.3	0.243	7.31	9.72	2.52
WLNG-US	2025-05-26 17:00:00	12.4	24.0	0.257	7.18	9.69	2.68
WLNG-US	2025-05-26 18:00:00	12.3	20.7	0.254	7.20	9.69	2.09
WLNG-US	2025-05-26 19:00:00	12.2	19.5	0.256	7.16	9.67	2.43
WLNG-US	2025-05-26 20:00:00	12.0	19.3	0.259	7.11	9.70	2.03
WLNG-US	2025-05-26 21:00:00	11.9	19.0	0.274	7.04	9.73	2.04
WLNG-US	2025-05-26 22:00:00	11.7	18.8	0.263	7.09	9.77	1.80
WLNG-US	2025-05-26 23:00:00	11.5	18.5	0.273	7.08	9.78	1.58

WLNG Site (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-US	2025-05-27 00:00:00	11.3	18.3	0.269	7.06	9.83	1.50
WLNG-US	2025-05-27 01:00:00	11.2	18.0	0.267	7.09	9.86	1.66
WLNG-US	2025-05-27 02:00:00	11.1	18.3	0.251	7.07	9.91	1.38
WLNG-US	2025-05-27 03:00:00	11.1	18.0	0.250	7.08	9.90	1.41
WLNG-US	2025-05-27 04:00:00	11.0	18.0	0.267	6.85	9.94	1.28
WLNG-US	2025-05-27 05:00:00	10.9	17.8	0.262	7.00	9.93	1.43
WLNG-US	2025-05-27 06:00:00	10.9	17.8	0.253	7.09	9.98	1.63
WLNG-US	2025-05-27 07:00:00	10.8	17.6	0.254	7.09	10.00	2.56
WLNG-US	2025-05-27 08:00:00	10.9	17.6	0.255	7.04	10.05	1.55
WLNG-US	2025-05-27 09:00:00	10.9	17.4	0.258	7.08	10.07	1.30
WLNG-US	2025-05-27 10:00:00	11.0	17.6	0.253	7.11	10.09	1.40
WLNG-US	2025-05-27 11:00:00	11.2	17.2	0.258	7.09	10.11	1.34
WLNG-US	2025-05-27 12:00:00	11.5	17.2	0.273	6.92	10.13	1.32
WLNG-US	2025-05-27 13:00:00	11.9	17.1	0.254	7.14	9.99	1.72
WLNG-US	2025-05-27 14:00:00	12.2	17.6	0.255	7.17	9.79	1.40
WLNG-US	2025-05-27 15:00:00	12.5	17.4	0.248	7.17	9.69	1.42
WLNG-US	2025-05-27 16:00:00	12.8	17.5	0.258	7.10	9.61	1.48
WLNG-US	2025-05-27 17:00:00	12.7	17.6	0.260	7.13	9.55	1.44
WLNG-US	2025-05-27 18:00:00	12.7	17.5	0.253	7.11	9.49	1.41
WLNG-US	2025-05-27 19:00:00	12.6	18.1	0.261	7.07	9.51	1.38
WLNG-US	2025-05-27 20:00:00	12.5	18.2	0.280	6.82	9.52	1.66
WLNG-US	2025-05-27 21:00:00	12.4	18.1	0.279	6.84	9.51	1.36
WLNG-US	2025-05-27 22:00:00	12.3	18.2	0.252	7.06	9.54	1.34
WLNG-US	2025-05-27 23:00:00	12.2	18.0	0.260	7.06	9.54	1.35
WLNG-US	2025-05-28 00:00:00	12.1	17.9	0.265	7.04	9.58	1.25
WLNG-US	2025-05-28 01:00:00	11.9	17.8	0.264	7.00	9.61	1.26
WLNG-US	2025-05-28 02:00:00	11.8	17.7	0.259	7.03	9.63	1.24
WLNG-US	2025-05-28 03:00:00	11.7	17.8	0.284	7.05	9.64	1.29
WLNG-US	2025-05-28 04:00:00	11.6	17.7	0.277	7.01	9.68	1.24
WLNG-US	2025-05-28 05:00:00	11.6	17.6	0.274	7.07	9.68	1.31
WLNG-US	2025-05-28 06:00:00	11.5	17.5	0.274	7.09	9.72	1.31
WLNG-US	2025-05-28 07:00:00	11.5	17.5	0.265	7.12	9.74	1.39
WLNG-US	2025-05-28 08:00:00	11.5	17.6	0.278	6.97	9.73	1.20
WLNG-US	2025-05-28 09:00:00	11.6	17.6	0.283	6.87	9.77	1.27
WLNG-US	2025-05-28 10:00:00	11.8	17.5	0.262	7.07	9.74	1.26
WLNG-US	2025-05-28 11:00:00	12.3	17.4	0.266	7.14	9.76	1.25
WLNG-US	2025-05-28 12:00:00	12.8	17.4	0.271	7.11	9.73	1.33
WLNG-US	2025-05-28 13:00:00	13.0	17.5	0.277	7.11	9.55	1.41
WLNG-US	2025-05-28 14:00:00	13.3	17.8	0.291	7.15	9.44	2.52
WLNG-US	2025-05-28 15:00:00	13.7	17.7	0.285	7.12	9.39	1.42
WLNG-US	2025-05-28 16:00:00	13.9	17.9	0.290	7.07	9.30	1.47
WLNG-US	2025-05-28 17:00:00	13.9	17.8	0.271	7.22	9.24	1.48
WLNG-US	2025-05-28 18:00:00	13.7	18.0	0.272	7.11	9.23	1.34
WLNG-US	2025-05-28 19:00:00	13.6	18.3	0.254	7.10	9.22	1.40
WLNG-US	2025-05-28 20:00:00	13.5	18.3	0.268	6.79	9.21	1.44
WLNG-US	2025-05-28 21:00:00	13.4	18.2	0.280	6.77	9.20	1.41
WLNG-US	2025-05-28 22:00:00	13.3	18.4	0.263	7.07	9.22	1.35
WLNG-US	2025-05-28 23:00:00	13.2	18.2	0.256	7.08	9.27	1.27

WLNG Site (East Creek)							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
WLNG-US	2025-05-29 00:00:00	13.1	18.3	0.301	6.79	9.27	1.48
WLNG-US	2025-05-29 01:00:00	13.0	18.4	0.277	7.09	9.33	1.34
WLNG-US	2025-05-29 02:00:00	13.0	18.2	0.281	7.17	9.33	1.30
WLNG-US	2025-05-29 03:00:00	12.9	18.4	0.289	7.08	9.37	1.35
WLNG-US	2025-05-29 04:00:00	12.8	17.9	0.285	7.16	9.38	1.27
WLNG-US	2025-05-29 05:00:00	12.6	18.1	0.288	7.09	9.43	3.03
WLNG-US	2025-05-29 06:00:00	12.5	17.9	0.296	7.05	9.49	1.87
WLNG-US	2025-05-29 07:00:00	12.4	17.6	0.285	7.14	9.51	1.32
WLNG-US	2025-05-29 08:00:00	12.3	18.2	0.299	7.11	9.55	1.37
WLNG-US	2025-05-29 09:00:00	12.3	20.1	0.286	6.89	9.61	4.11
WLNG-US	2025-05-29 10:00:00	12.7	91.3	0.207	7.64	9.56	102.87
WLNG-US	2025-05-29 11:00:00	12.9	94.1	0.187	7.81	9.54	217.64
WLNG-US	2025-05-29 12:00:00	13.0	68.4	0.208	7.64	9.55	60.35
WLNG-US	2025-05-29 13:00:00	13.0	40.3	0.230	7.47	9.66	14.77
WLNG-US	2025-05-29 14:00:00	13.1	30.8	0.229	7.43	9.58	9.81
WLNG-US	2025-05-29 15:00:00	13.3	26.9	0.239	7.30	9.48	4.26
WLNG-US	2025-05-29 16:00:00	13.1	25.2	0.236	7.29	9.53	3.73
WLNG-US	2025-05-29 17:00:00	13.0	24.6	0.255	7.20	9.54	2.65
WLNG-US	2025-05-29 18:00:00	13.0	23.7	0.272	6.95	9.49	2.52
WLNG-US	2025-05-29 19:00:00	12.9	22.4	0.250	7.19	9.50	2.26
WLNG-US	2025-05-29 20:00:00	12.7	20.8	0.251	7.20	9.53	2.18
WLNG-US	2025-05-29 21:00:00	12.5	19.5	0.267	6.94	9.56	2.12
WLNG-US	2025-05-29 22:00:00	12.3	18.7	0.256	7.16	9.61	1.82
WLNG-US	2025-05-29 23:00:00	12.1	18.0	0.254	7.14	9.68	1.57
WLNG-US	2025-05-30 00:00:00	11.9	17.9	0.252	7.09	9.72	1.74
WLNG-US	2025-05-30 01:00:00	11.8	17.7	0.254	7.15	9.75	1.68
WLNG-US	2025-05-30 02:00:00	11.7	17.6	0.259	7.09	9.77	1.69
WLNG-US	2025-05-30 03:00:00	11.6	17.5	0.256	7.08	9.83	1.81
WLNG-US	2025-05-30 04:00:00	11.5	17.5	0.267	7.08	9.86	1.48
WLNG-US	2025-05-30 05:00:00	11.4	17.4	0.275	6.97	9.86	1.69
WLNG-US	2025-05-30 06:00:00	11.3	17.3	0.265	7.02	9.89	1.42
WLNG-US	2025-05-30 07:00:00	11.3	17.4	0.263	7.08	9.95	1.95
WLNG-US	2025-05-30 08:00:00	11.3	17.2	0.261	7.10	9.94	2.42
WLNG-US	2025-05-30 09:00:00	11.5	17.1	0.271	7.03	9.98	1.47
WLNG-US	2025-05-30 10:00:00	11.6	17.1	0.263		9.95	1.38
WLNG-US	2025-05-30 11:00:00	11.8	17.0	0.284	6.86	9.96	1.71
WLNG-US	2025-05-30 12:00:00	12.0	17.1	0.263	7.17	9.93	1.56
WLNG-US	2025-05-30 13:00:00	12.0	17.3	0.269	7.14	9.83	1.57
WLNG-US	2025-05-30 14:00:00	12.0	17.3	0.285	7.09	9.83	1.31
WLNG-US	2025-05-30 15:00:00	12.1	17.2	0.277	7.13	9.82	1.32
WLNG-US	2025-05-30 16:00:00	12.1	17.8	0.283	7.06	9.74	1.44
WLNG-US	2025-05-30 17:00:00	12.3	17.5	0.283	7.14	9.75	3.17
WLNG-US	2025-05-30 18:00:00	12.3	17.6	0.290	7.05	9.64	1.40
WLNG-US	2025-05-30 19:00:00	12.2	17.6	0.304	7.09	9.66	1.32
WLNG-US	2025-05-30 20:00:00	12.2	17.5	0.306	7.09	9.62	1.48
WLNG-US	2025-05-30 21:00:00	12.1	17.6	0.312	7.09	9.60	1.35
WLNG-US	2025-05-30 22:00:00	12.1	17.7	0.316	6.98	9.64	1.49
WLNG-US	2025-05-30 23:00:00	12.0	17.7	0.300	6.97	9.65	1.29

WLNG Site (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-US	2025-05-31 00:00:00	11.9	17.5	0.289	7.08	9.67	1.36
WLNG-US	2025-05-31 01:00:00	11.8	17.7	0.291	7.08	9.70	1.26
WLNG-US	2025-05-31 02:00:00	11.7	17.7	0.291	7.07	9.69	1.65
WLNG-US	2025-05-31 03:00:00	11.7	17.6	0.273	7.09	9.72	1.39
WLNG-US	2025-05-31 04:00:00	11.6	17.6	0.273	7.05	9.71	1.33
WLNG-US	2025-05-31 05:00:00	11.6	17.5	0.290	7.00	9.72	2.27
WLNG-US	2025-05-31 06:00:00	11.6	50.5	0.260	7.25	9.75	90.28
WLNG-US	2025-05-31 07:00:00	11.7	61.6	0.231	7.45	9.77	42.91
WLNG-US	2025-05-31 08:00:00	11.7	63.0	0.240	7.49	9.77	31.60
WLNG-US	2025-05-31 09:00:00	11.8	50.7	0.234	7.49	9.77	32.95
WLNG-US	2025-05-31 10:00:00	11.7	35.2	0.253	7.18	9.81	16.71
WLNG-US	2025-05-31 11:00:00	11.7	46.5	0.243	7.42	9.80	34.06
WLNG-US	2025-05-31 12:00:00	11.8	46.4	0.236	7.40	9.77	69.20
WLNG-US	2025-05-31 13:00:00	12.0	65.7	0.216	7.71	9.76	569.88
WLNG-US	2025-05-31 14:00:00	11.9	39.4	0.223	7.51	9.81	130.28
WLNG-US	2025-05-31 15:00:00	11.9	28.5	0.257	7.41	9.84	70.85
WLNG-US	2025-05-31 16:00:00	12.0	23.7	0.256	7.33	9.83	33.96
WLNG-US	2025-05-31 17:00:00	12.0	22.0	0.257	7.27	9.78	14.91
WLNG-US	2025-05-31 18:00:00	12.0	20.5	0.272	7.09	9.75	9.11
WLNG-US	2025-05-31 19:00:00	12.0	19.4	0.262	7.11	9.76	4.23
WLNG-US	2025-05-31 20:00:00	11.8	18.9	0.270	7.06	9.80	2.98
WLNG-US	2025-05-31 21:00:00	11.6	18.7	0.275	7.12	9.83	2.45
WLNG-US	2025-05-31 22:00:00	11.4	18.4	0.279	7.10	9.90	2.56
WLNG-US	2025-05-31 23:00:00	11.2	18.1	0.281	7.05	9.93	1.88
WLNG-US	2025-06-01 00:00:00	11.0	17.8	0.275	6.96	9.99	1.93
WLNG-US	2025-06-01 01:00:00	10.9	17.5	0.281	6.99	9.99	1.69
WLNG-US	2025-06-01 02:00:00	10.7	17.5	0.279	7.05	10.04	1.55
WLNG-US	2025-06-01 03:00:00	10.6	17.3	0.296	6.95	10.06	2.40
WLNG-US	2025-06-01 04:00:00	10.5	17.1	0.299	7.02	10.11	1.72
WLNG-US	2025-06-01 05:00:00	10.4	17.1	0.302	7.01	10.12	1.38
WLNG-US	2025-06-01 06:00:00	10.4	17.1	0.289	6.94	10.13	1.46
WLNG-US	2025-06-01 07:00:00	10.4	17.0	0.271	6.93	10.17	2.47
WLNG-US	2025-06-01 08:00:00	10.5	16.8	0.274	6.94	10.17	1.63
WLNG-US	2025-06-01 09:00:00	10.5	16.9	0.271	7.05	10.20	1.53
WLNG-US	2025-06-01 10:00:00	10.7	16.6	0.298	6.95	10.23	1.45
WLNG-US	2025-06-01 11:00:00	11.1	16.6	0.305	7.01	10.17	1.28
WLNG-US	2025-06-01 12:00:00	11.6	16.6	0.310	6.97	10.07	1.63
WLNG-US	2025-06-01 13:00:00	11.9	16.6	0.304	7.10	9.94	1.73
WLNG-US	2025-06-01 14:00:00	12.1	16.6	0.328	6.80	9.82	1.54
WLNG-US	2025-06-01 15:00:00	12.4	16.8	0.312	7.11	9.73	1.42
WLNG-US	2025-06-01 16:00:00	12.4	16.7	0.310	7.10	9.71	1.52
WLNG-US	2025-06-01 17:00:00	12.4	16.9	0.313	7.03	9.66	1.51
WLNG-US	2025-06-01 18:00:00	12.3	17.1	0.316	7.04	9.67	2.10
WLNG-US	2025-06-01 19:00:00	12.2	16.9	0.325	6.87	9.66	1.70
WLNG-US	2025-06-01 20:00:00	12.1	17.3	0.319	6.95	9.69	1.57
WLNG-US	2025-06-01 21:00:00	11.9	17.1	0.326	7.01	9.70	1.56
WLNG-US	2025-06-01 22:00:00	11.7	17.5	0.327	7.00	9.76	1.52
WLNG-US	2025-06-01 23:00:00	11.6	17.2	0.323	6.99	9.81	1.45


Turbidity (NTU)
2000
1000
0
26-May
27-May
28-May
29-May
30-May
31-May
01-Jun
02-Jun
Guideline
BC FWAL - Chronic
Monitoring location
EAS-DS
EAS-US

Appendix E: Lab Documentation

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 105332

Attention: Jennifer Choyce

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

Report Date: 2025/06/04
Report #: R3669605
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C548205
Received: 2025/05/27, 17:31

Sample Matrix: Water
Samples Received: 7

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity @25C (pp, total), CO3,HCO3,OH	5	N/A	2025/05/28	BBY6SOP-00026	SM 24 2320 B m
Alkalinity @25C (pp, total), CO3,HCO3,OH	2	N/A	2025/05/29	BBY6SOP-00026	SM 24 2320 B m
Chloride/Sulphate by Auto Colourimetry	7	N/A	2025/06/03	BBY6SOP-00011 / BBY6SOP-00017	SM24-4500-Cl/SO4-E m
Chromium III (Calc'd)	4	N/A	2025/05/30		
Chromium III (Calc'd)	3	N/A	2025/06/02		
Total Hexavalent Chromium	7	N/A	2025/05/28	BBY6SOP-00054	SM 24 3500-Cr B m
Carbon (DOC) -Lab Filtered (2)	6	N/A	2025/06/03	BBY6SOP-00053	SM 24 5310 B m
Carbon (DOC) (2)	1	N/A	2025/06/02	BBY6SOP-00053	SM 24 5310 B m
Fluoride	7	N/A	2025/05/30	BBY6SOP-00037	SM 24 4500-F C m
Glycols in Water by GC/FID (1)	1	N/A	2025/06/02	CAL SOP-00093	BCMOE Glycols 09/17
Sulphide (as H2S) (1)	7	N/A	2025/06/02		Auto Calc
Un-ionized Hydrogen Sulphide as S Calc	5	N/A	2025/06/04	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (3)	4	N/A	2025/05/30	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (3)	3	N/A	2025/06/02	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3)	7	N/A	2025/06/02	BBY WI-00033	Auto Calc
Mercury (Dissolved) by CV (4)	7	2025/06/02	2025/06/03	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Total) by CV	7	2025/06/02	2025/06/02	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Bromide as Bromine (Br) by ICPMS	7	N/A	2025/05/30	BBY7SOP-00002	EPA 6020B R2 m
EPH in Water when PAH required	1	2025/05/30	2025/05/30	BBY8SOP-00029	BCMOE BCLM Sep2017 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	7	N/A	2025/06/02	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (dissolved) (4)	7	N/A	2025/05/31	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Digested LL (total)	3	2025/05/30	2025/06/02	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total)	4	N/A	2025/05/30	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (total)	3	N/A	2025/06/02	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total)	4	N/A	2025/05/29	BBY7SOP-00002	EPA 6020b R2 m
Nitrogen (Total)	7	N/A	2025/06/04	BBY6SOP-00016	SM 24 4500-N C m
Ammonia-N (Total)	6	N/A	2025/05/28	AB SOP-00007	SM 24 4500 NH3 A G m
Ammonia-N (Total)	1	N/A	2025/06/02	AB SOP-00007	SM 24 4500 NH3 A G m
Nitrate + Nitrite (N)	7	N/A	2025/05/29	BBY6SOP-00010	SM 24 4500-NO3- H m

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 105332

Attention: Jennifer Choyce

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

Report Date: 2025/06/04
Report #: R3669605
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C548205
Received: 2025/05/27, 17:31

Sample Matrix: Water
Samples Received: 7

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Nitrite (N) Regular Level Water	7	N/A	2025/05/29	BBY6SOP-00010	SM 24 4500-NO2- m
Nitrogen - Nitrate (as N)	7	N/A	2025/05/30	BBY WI-00033	Auto Calc
PAH in Water by GC/MS (SIM)	1	2025/05/30	2025/05/30	BBY8SOP-00021	BCMOE BCLM Jul2017m
Total LMW, HMW, Total PAH Calc (5)	1	N/A	2025/06/02	BBY WI-00033	Auto Calc
pH @25°C (6)	5	N/A	2025/05/28	BBY6SOP-00026	SM 24 4500-H+ B m
pH @25°C (6)	2	N/A	2025/05/29	BBY6SOP-00026	SM 24 4500-H+ B m
Phenols (4-AAP) (1)	1	N/A	2025/06/02	AB SOP-00088	EPA 9066 R0 m
Total Sulphide (1)	7	2025/06/02	2025/06/02	AB SOP-00080	SM 24 4500 S2-A D Fm
Total Dissolved Solids (Filt. Residue)	1	2025/05/30	2025/06/03	BBY6SOP-00033	SM 24 2540 C m
Total Dissolved Solids (Filt. Residue)	6	2025/06/02	2025/06/03	BBY6SOP-00033	SM 24 2540 C m
EPH less PAH in Water by GC/FID (7)	1	N/A	2025/06/02	BBY WI-00033	Auto Calc
Carbon (Total Organic) (8)	7	N/A	2025/05/30	BBY6SOP-00053	SM 24 5310 B m
Total Phosphorus Low Level Total	3	2025/05/29	2025/06/04	BBY6SOP-00013	SM 24 4500-P E m
Total Phosphorus Low Level Total	4	2025/06/03	2025/06/04	BBY6SOP-00013	SM 24 4500-P E m
Total Suspended Solids (NFR)	7	2025/05/30	2025/06/02	BBY6SOP-00034	SM 24 2540 D m
Field pH	5	N/A	2025/06/02	Field Test	Field Test
Field Temperature	5	N/A	2025/06/02	Field Test	Field Test
VOCs, VH, F1, LH in Water by HS GC/MS	1	N/A	2025/06/02	BBY8SOP-00009 / BBY8SOP-00011 / BBY8SOP-00012	BCMOE BCLM Jul2017 m
Volatile HC-BTEX (9)	1	N/A	2025/06/03	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 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.

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 105332

Attention: Jennifer Choyce

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

Report Date: 2025/06/04
Report #: R3669605
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C548205

Received: 2025/05/27, 17:31

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.
This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

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

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

(1) This test was performed by Bureau Veritas Calgary, 4000 - 19 St. , Calgary, AB, T2E 6P8
(2) DOC present in the sample should be considered as non-purgeable DOC. Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.
(3) "Total Hardness" was calculated from Total Ca and Mg concentrations and may be biased high (Hardness, or Dissolved Hardness, calculated from Dissolved Ca and Mg, should be used for compliance if available).
(4) Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.
(5) 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)

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

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DLV128			DLV128			DLV129		
Sampling Date		2025/05/27 10:11			2025/05/27 10:11			2025/05/27 09:47		
COC Number		105332			105332			105332		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	ND	0.0050	B966267				ND	0.0050	B966267
Calculated Parameters										
Total Chromium III	mg/L	ND	0.00099	B964385				ND	0.00099	B964385
Dissolved Hardness (CaCO3)	mg/L	40.3	0.50	B964016				50.2	0.50	B964016
Total Hardness (CaCO3)	mg/L	36.3	0.50	B964158				48.3	0.50	B964158
Nitrate (N)	mg/L	ND	0.020	B964020				ND	0.020	B964020
Sulphide (as H2S)	mg/L	ND	0.0020	B963917				ND	0.0020	B964397
Field Parameters										
Field pH	pH	7.3	N/A	ONSITE				6.92	N/A	ONSITE
Field Temperature	°C	10.9	N/A	ONSITE				11.3	N/A	ONSITE
Misc. Inorganics										
pH	pH	7.22	N/A	B965046				7.40	N/A	B965046
Total Organic Carbon (C)	mg/L	1.0	0.50	B968609				0.67	0.50	B968609
Total Dissolved Solids	mg/L	54	10	B970391				70	10	B970391
Total Suspended Solids	mg/L	4.4	1.0	B967272	4.0	1.0	B967272	1.2	1.0	B967272
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	0.73	0.50	B972711				0.54	0.50	B972711
Anions										
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	B965052				ND	1.0	B965052
Alkalinity (Total as CaCO3)	mg/L	36	1.0	B965052				45	1.0	B965052
Bicarbonate (HCO3)	mg/L	44	1.0	B965052				55	1.0	B965052
Carbonate (CO3)	mg/L	ND	1.0	B965052				ND	1.0	B965052
Dissolved Fluoride (F)	mg/L	0.10	0.050	B968129				0.14	0.050	B968308
Hydroxide (OH)	mg/L	ND	1.0	B965052				ND	1.0	B965052
Total Sulphide	mg/L	ND	0.0018	B970315				ND	0.0018	B970315
Chloride (Cl)	mg/L	5.9	1.0	B972060				7.6	1.0	B972060
Sulphate (SO4)	mg/L	5.5	1.0	B972060				6.5	1.0	B972060

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
N/A = Not Applicable

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

Bureau Veritas Job #: C548205
Report Date: 2025/06/04

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		DLV128			DLV128			DLV129		
Sampling Date		2025/05/27 10:11			2025/05/27 10:11			2025/05/27 09:47		
COC Number		105332			105332			105332		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	RDL	QC Batch
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	B964863				ND	0.00099	B964863
Nutrients										
Total Ammonia (N)	mg/L	ND	0.015	B964962				ND	0.015	B964962
Total Phosphorus (P)	mg/L	0.0056	0.0010	B971792				0.0016	0.0010	B971792
Nitrate plus Nitrite (N)	mg/L	ND	0.020	B966258				ND	0.020	B966258
Total Nitrogen (N)	mg/L	0.102	0.020	B971856				0.075	0.020	B971856
Misc. Organics										
Phenols	mg/L							ND	0.0015	B970790

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

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

Bureau Veritas Job #: C548205
Report Date: 2025/06/04

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		DLV129			DLV130			DLV130		
Sampling Date		2025/05/27 09:47			2025/05/27 09:12			2025/05/27 09:12		
COC Number		105332			105332			105332		
	UNITS	WLNG -EOP Lab-Dup	RDL	QC Batch	WLNG-US	RDL	QC Batch	WLNG-US Lab-Dup	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L				ND	0.0050	B966267			
Calculated Parameters										
Total Chromium III	mg/L				ND	0.00099	B964385			
Dissolved Hardness (CaCO3)	mg/L				6.53	0.50	B964016			
Total Hardness (CaCO3)	mg/L				6.32	0.50	B964158			
Nitrate (N)	mg/L				ND	0.020	B964020			
Sulphide (as H2S)	mg/L				ND	0.0020	B963917			
Field Parameters										
Field pH	pH				6.32	N/A	ONSITE			
Field Temperature	°C				10.6	N/A	ONSITE			
Misc. Inorganics										
pH	pH				6.50	N/A	B965046			
Total Organic Carbon (C)	mg/L				2.0	0.50	B968609			
Total Dissolved Solids	mg/L				12	10	B970391			
Total Suspended Solids	mg/L				ND	1.0	B967272			
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L				1.9	0.50	B972711			
Anions										
Alkalinity (PP as CaCO3)	mg/L				ND	1.0	B965052			
Alkalinity (Total as CaCO3)	mg/L				5.9	1.0	B965052			
Bicarbonate (HCO3)	mg/L				7.2	1.0	B965052			
Carbonate (CO3)	mg/L				ND	1.0	B965052			
Dissolved Fluoride (F)	mg/L				ND	0.050	B968129			
Hydroxide (OH)	mg/L				ND	1.0	B965052			
Total Sulphide	mg/L				ND	0.0018	B970315	ND	0.0018	B970315
Chloride (Cl)	mg/L				ND	1.0	B972060			
Sulphate (SO4)	mg/L				1.8	1.0	B972060			

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
N/A = Not Applicable

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

Bureau Veritas Job #: C548205
Report Date: 2025/06/04

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		DLV129			DLV130			DLV130		
Sampling Date		2025/05/27 09:47			2025/05/27 09:12			2025/05/27 09:12		
COC Number		105332			105332			105332		
	UNITS	WLNG -EOP Lab-Dup	RDL	QC Batch	WLNG-US	RDL	QC Batch	WLNG-US Lab-Dup	RDL	QC Batch
Metals										
Total Hex. Chromium (Cr 6+)	mg/L				ND	0.00099	B964863			
Nutrients										
Total Ammonia (N)	mg/L				ND	0.015	B964962			
Total Phosphorus (P)	mg/L				0.0079	0.0010	B971792			
Nitrate plus Nitrite (N)	mg/L				ND	0.020	B966258			
Total Nitrogen (N)	mg/L				0.093	0.020	B971856			
Misc. Organics										
Phenols	mg/L	ND	0.0015	B970790						

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

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

Bureau Veritas Job #: C548205
Report Date: 2025/06/04

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		DLV131			DLV131			DLV132		
Sampling Date		2025/05/27 14:06			2025/05/27 14:06			2025/05/27 14:30		
COC Number		105332			105332			105332		
	UNITS	SQRI-US	RDL	QC Batch	SQRI-US Lab-Dup	RDL	QC Batch	SQRI-DS	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	ND	0.0050	B966267				ND	0.0050	B966267
Calculated Parameters										
Total Chromium III	mg/L	ND	0.00099	B964385				ND	0.00099	B964385
Dissolved Hardness (CaCO3)	mg/L	11.2	0.50	B964016				11.0	0.50	B964016
Total Hardness (CaCO3)	mg/L	10.6	0.50	B964158				10.7	0.50	B964158
Nitrate (N)	mg/L	0.028	0.020	B964020				0.026	0.020	B964020
Sulphide (as H2S)	mg/L	ND	0.0020	B963917				ND	0.0020	B963917
Field Parameters										
Field pH	pH	6.27	N/A	ONSITE				6.6	N/A	ONSITE
Field Temperature	°C	10.6	N/A	ONSITE				10.4	N/A	ONSITE
Misc. Inorganics										
pH	pH	6.55	N/A	B965046				6.57	N/A	B965046
Total Organic Carbon (C)	mg/L	1.5	0.50	B968609				1.4	0.50	B968609
Total Dissolved Solids	mg/L	18	10	B970391				16	10	B970391
Total Suspended Solids	mg/L	20	1.0	B967272				22	1.0	B967272
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	1.4	0.50	B972711				1.4	0.50	B972711
Anions										
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	B965052				ND	1.0	B965052
Alkalinity (Total as CaCO3)	mg/L	9.5	1.0	B965052				9.1	1.0	B965052
Bicarbonate (HCO3)	mg/L	12	1.0	B965052				11	1.0	B965052
Carbonate (CO3)	mg/L	ND	1.0	B965052				ND	1.0	B965052
Dissolved Fluoride (F)	mg/L	ND	0.050	B968129				ND	0.050	B968129
Hydroxide (OH)	mg/L	ND	1.0	B965052				ND	1.0	B965052
Total Sulphide	mg/L	ND	0.0018	B970315				ND	0.0018	B970315
Chloride (Cl)	mg/L	ND	1.0	B972060				ND	1.0	B972060
Sulphate (SO4)	mg/L	2.3	1.0	B972060				2.2	1.0	B972060

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
N/A = Not Applicable

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

Bureau Veritas Job #: C548205
Report Date: 2025/06/04

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		DLV131			DLV131			DLV132		
Sampling Date		2025/05/27 14:06			2025/05/27 14:06			2025/05/27 14:30		
COC Number		105332			105332			105332		
	UNITS	SQRI-US	RDL	QC Batch	SQRI-US Lab-Dup	RDL	QC Batch	SQRI-DS	RDL	QC Batch
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	B964863				ND	0.00099	B964863
Nutrients										
Total Ammonia (N)	mg/L	0.018	0.015	B968493	0.017	0.015	B968493	ND	0.015	B964962
Total Phosphorus (P)	mg/L	0.037	0.0010	B971792				0.022	0.0010	B971792
Nitrate plus Nitrite (N)	mg/L	0.028	0.020	B966258				0.026	0.020	B966258
Total Nitrogen (N)	mg/L	0.095	0.020	B971856				0.107	0.020	B971856

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

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

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		DLV133			DLV133			DLV134		
Sampling Date		2025/05/27			2025/05/27			2025/05/27		
COC Number		105332			105332			105332		
	UNITS	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch	Trip Blank	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	ND	0.0050	B966267				ND	0.0050	B966267
Calculated Parameters										
Total Chromium III	mg/L	ND	0.00099	B964385				ND	0.00099	B964385
Dissolved Hardness (CaCO3)	mg/L	ND	0.50	B964016				ND	0.50	B964016
Total Hardness (CaCO3)	mg/L	ND	0.50	B964158				ND	0.50	B964158
Nitrate (N)	mg/L	ND	0.020	B964020				ND	0.020	B964020
Sulphide (as H2S)	mg/L	ND	0.0020	B964397				ND	0.0020	B964394
Misc. Inorganics										
Dissolved Organic Carbon (C)	mg/L							ND	0.50	B970524
pH	pH	6.43	N/A	B966823				5.97	N/A	B966823
Total Organic Carbon (C)	mg/L	ND	0.50	B968609				ND	0.50	B968609
Total Dissolved Solids	mg/L	ND	10	B970391				ND	10	B970391
Total Suspended Solids	mg/L	ND	1.0	B967272				ND	1.0	B967272
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	0.60	0.50	B971182						
Anions										
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	B966843				ND	1.0	B966843
Alkalinity (Total as CaCO3)	mg/L	ND	1.0	B966843				ND	1.0	B966843
Bicarbonate (HCO3)	mg/L	ND	1.0	B966843				ND	1.0	B966843
Carbonate (CO3)	mg/L	ND	1.0	B966843				ND	1.0	B966843
Dissolved Fluoride (F)	mg/L	ND	0.050	B968077	ND	0.050	B968077	ND	0.050	B968077
Hydroxide (OH)	mg/L	ND	1.0	B966843				ND	1.0	B966843
Total Sulphide	mg/L	ND	0.0018	B970315				ND	0.0018	B970315
Chloride (Cl)	mg/L	ND	1.0	B972060				ND	1.0	B972060
Sulphate (SO4)	mg/L	ND	1.0	B972060				ND	1.0	B972060

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
N/A = Not Applicable

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

Bureau Veritas Job #: C548205
Report Date: 2025/06/04

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		DLV133			DLV133			DLV134		
Sampling Date		2025/05/27			2025/05/27			2025/05/27		
COC Number		105332			105332			105332		
	UNITS	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch	Trip Blank	RDL	QC Batch
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	B964863				ND	0.00099	B964863
Nutrients										
Total Ammonia (N)	mg/L	ND	0.015	B964962				ND	0.015	B964962
Total Phosphorus (P)	mg/L	ND	0.0010	B971792	0.0011	0.0010	B971792	ND	0.0010	B971792
Nitrate plus Nitrite (N)	mg/L	ND	0.020	B966258				ND	0.020	B966258
Total Nitrogen (N)	mg/L	ND	0.020	B971856	ND	0.020	B971856	ND	0.020	B971856

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

Bureau Veritas ID		DLV134		
Sampling Date		2025/05/27		
COC Number		105332		
	UNITS	Trip Blank Lab-Dup	RDL	QC Batch
Metals				
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	B964863

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate

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

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GLYCOLS BY GC-FID (WATER)

Bureau Veritas ID		DLV129		
Sampling Date		2025/05/27 09:47		
COC Number		105332		
	UNITS	WLNG -EOP	RDL	QC Batch
Glycols				
Ethylene Glycol	mg/L	ND	3.0	B969996
Diethylene Glycol	mg/L	ND	5.0	B969996
Triethylene Glycol	mg/L	ND	5.0	B969996
Propylene Glycol	mg/L	ND	5.0	B969996
Surrogate Recovery (%)				
Methyl Sulfone (sur.)	%	92		B969996

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

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

Bureau Veritas Job #: C548205
Report Date: 2025/06/04

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

MERCURY BY COLD VAPOR (WATER)

Bureau Veritas ID		DLV128	DLV129	DLV130	DLV131	DLV132	DLV133	DLV134		
Sampling Date		2025/05/27 10:11	2025/05/27 09:47	2025/05/27 09:12	2025/05/27 14:06	2025/05/27 14:30	2025/05/27	2025/05/27		
COC Number		105332	105332	105332	105332	105332	105332	105332		
	UNITS	WLNG-DS	WLNG -EOP	WLNG-US	SQRI-US	SQRI-DS	Field Blank	Trip Blank	RDL	QC Batch
Elements										
Dissolved Mercury (Hg)	ug/L	ND (1)	ND (1)	ND (1)	ND (1)	0.0022 (1)	ND (1)	ND	0.0019	B971039
Total Mercury (Hg)	ug/L	ND	ND	ND	ND	ND	ND	ND	0.0019	B970642

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

Bureau Veritas Job #: C548205
Report Date: 2025/06/04

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DLV128			DLV128			DLV129	DLV130		
Sampling Date		2025/05/27 10:11			2025/05/27 10:11			2025/05/27 09:47	2025/05/27 09:12		
COC Number		105332			105332			105332	105332		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	WLNG-US	RDL	QC Batch
ANIONS											
Bromide (Br)	mg/L	ND	0.010	B967854				ND	ND	0.010	B967854
Dissolved Metals by ICPMS											
Dissolved Aluminum (Al)	ug/L	217	0.50	B967978				28.1	86.2	0.50	B967978
Dissolved Antimony (Sb)	ug/L	0.403	0.020	B967978				0.376	0.026	0.020	B967978
Dissolved Arsenic (As)	ug/L	0.762	0.020	B967978				0.870	0.096	0.020	B967978
Dissolved Barium (Ba)	ug/L	5.89	0.020	B967978				1.31	3.91	0.020	B967978
Dissolved Beryllium (Be)	ug/L	ND	0.010	B967978				ND	ND	0.010	B967978
Dissolved Bismuth (Bi)	ug/L	0.0209	0.0050	B967978				ND	ND	0.0050	B967978
Dissolved Boron (B)	ug/L	12	10	B967978				13	ND	10	B967978
Dissolved Cadmium (Cd)	ug/L	0.0066	0.0050	B967978				ND	ND	0.0050	B967978
Dissolved Cesium (Cs)	ug/L	ND	0.050	B967978				ND	ND	0.050	B967978
Dissolved Chromium (Cr)	ug/L	0.13	0.10	B967978				ND	ND	0.10	B967978
Dissolved Cobalt (Co)	ug/L	0.0686	0.0050	B967978				0.0288	0.0327	0.0050	B967978
Dissolved Copper (Cu)	ug/L	0.433	0.050	B967978				0.229	0.617	0.050	B967978
Dissolved Iron (Fe)	ug/L	151	1.0	B967978				2.1	60.6	1.0	B967978
Dissolved Lead (Pb)	ug/L	0.0500	0.0050	B967978				0.0246	0.0315	0.0050	B967978
Dissolved Lithium (Li)	ug/L	2.77	0.50	B967978				2.61	ND	0.50	B967978
Dissolved Manganese (Mn)	ug/L	13.3	0.050	B967978				8.80	2.50	0.050	B967978
Dissolved Molybdenum (Mo)	ug/L	12.2	0.050	B967978				15.6	0.344	0.050	B967978
Dissolved Nickel (Ni)	ug/L	0.165	0.020	B967978				0.043	0.227	0.020	B967978
Dissolved Phosphorus (P)	ug/L	7.0	2.0	B967978				2.0	4.4	2.0	B967978
Dissolved Rubidium (Rb)	ug/L	2.86	0.050	B967978				3.41	0.461	0.050	B967978
Dissolved Selenium (Se)	ug/L	ND	0.040	B967978				0.051	ND	0.040	B967978
Dissolved Silicon (Si)	ug/L	5390	50	B967978				5640	3940	50	B967978
Dissolved Silver (Ag)	ug/L	ND	0.0050	B967978				ND	ND	0.0050	B967978
Dissolved Strontium (Sr)	ug/L	31.2	0.050	B967978				36.1	11.2	0.050	B967978
Dissolved Tellurium (Te)	ug/L	ND	0.020	B967978				ND	ND	0.020	B967978
Dissolved Thallium (Tl)	ug/L	0.0119	0.0020	B967978				0.0130	0.0024	0.0020	B967978
Dissolved Thorium (Th)	ug/L	ND	0.050	B967978				ND	ND	0.050	B967978

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
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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		DLV128			DLV128			DLV129	DLV130		
Sampling Date		2025/05/27 10:11			2025/05/27 10:11			2025/05/27 09:47	2025/05/27 09:12		
COC Number		105332			105332			105332	105332		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	WLNG-US	RDL	QC Batch
Dissolved Tin (Sn)	ug/L	ND	0.20	B967978				ND	ND	0.20	B967978
Dissolved Titanium (Ti)	ug/L	8.00	0.50	B967978				ND	2.03	0.50	B967978
Dissolved Uranium (U)	ug/L	0.804	0.0020	B967978				0.573	0.0813	0.0020	B967978
Dissolved Vanadium (V)	ug/L	0.40	0.20	B967978				0.25	0.22	0.20	B967978
Dissolved Zinc (Zn)	ug/L	1.76	0.10	B967978				0.55	1.17	0.10	B967978
Dissolved Zirconium (Zr)	ug/L	ND	0.10	B967978				ND	ND	0.10	B967978
Dissolved Calcium (Ca)	mg/L	14.8	0.050	B964167				18.6	2.19	0.050	B964167
Dissolved Magnesium (Mg)	mg/L	0.789	0.050	B964167				0.906	0.256	0.050	B964167
Dissolved Potassium (K)	mg/L	1.20	0.050	B964167				1.52	0.176	0.050	B964167
Dissolved Sodium (Na)	mg/L	4.08	0.050	B964167				4.59	1.37	0.050	B964167
Dissolved Sulphur (S)	mg/L	ND	3.0	B964167				ND	ND	3.0	B964167
Total Metals by ICPMS											
Total Aluminum (Al)	ug/L	195	3.0	B967312	188	3.0	B967312	27.8	80.1	0.50	B964855
Total Antimony (Sb)	ug/L	0.351	0.020	B967312	0.367	0.020	B967312	0.375	0.026	0.020	B964855
Total Arsenic (As)	ug/L	0.712	0.020	B967312	0.695	0.020	B967312	0.869	0.091	0.020	B964855
Total Barium (Ba)	ug/L	5.09	0.050	B967312	5.15	0.050	B967312	1.38	3.80	0.020	B964855
Total Beryllium (Be)	ug/L	ND	0.010	B967312	ND	0.010	B967312	ND	ND	0.010	B964855
Total Bismuth (Bi)	ug/L	ND	0.010	B967312	ND	0.010	B967312	ND	ND	0.0050	B964855
Total Boron (B)	ug/L	ND	10	B967312	ND	10	B967312	12	ND	10	B964855
Total Cadmium (Cd)	ug/L	0.0058	0.0050	B967312	0.0074	0.0050	B967312	ND	0.0079	0.0050	B964855
Total Cesium (Cs)	ug/L	ND	0.050	B967312	ND	0.050	B967312	ND	ND	0.050	B964855
Total Chromium (Cr)	ug/L	0.14	0.10	B967312	0.18	0.10	B967312	ND	ND	0.10	B964855
Total Cobalt (Co)	ug/L	0.064	0.010	B967312	0.061	0.010	B967312	0.0267	0.0310	0.0050	B964855
Total Copper (Cu)	ug/L	0.45	0.10	B967312	0.43	0.10	B967312	0.259	0.602	0.050	B964855
Total Iron (Fe)	ug/L	128	5.0	B967312	117	5.0	B967312	3.8	54.6	1.0	B964855
Total Lead (Pb)	ug/L	0.086	0.020	B967312	0.061	0.020	B967312	0.0330	0.0392	0.0050	B964855
Total Lithium (Li)	ug/L	2.29	0.50	B967312	2.28	0.50	B967312	2.53	ND	0.50	B964855
Total Manganese (Mn)	ug/L	11.7	0.10	B967312	10.8	0.10	B967312	8.74	2.16	0.050	B964855
Total Molybdenum (Mo)	ug/L	10.9	0.050	B967312	10.9	0.050	B967312	15.0	0.329	0.050	B964855
Total Nickel (Ni)	ug/L	0.13	0.10	B967312	0.19	0.10	B967312	ND	0.256	0.020	B964855

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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		DLV128			DLV128			DLV129	DLV130		
Sampling Date		2025/05/27 10:11			2025/05/27 10:11			2025/05/27 09:47	2025/05/27 09:12		
COC Number		105332			105332			105332	105332		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	WLNG-US	RDL	QC Batch
Total Phosphorus (P)	ug/L	ND	5.0	B967312	5.3	5.0	B967312	3.0	9.0	2.0	B964855
Total Rubidium (Rb)	ug/L	2.67	0.050	B967312	2.60	0.050	B967312	3.37	0.438	0.050	B964855
Total Selenium (Se)	ug/L	ND	0.040	B967312	ND	0.040	B967312	ND	ND	0.040	B964855
Total Silicon (Si)	ug/L	4900	50	B967312	4890	50	B967312	5290	3770	50	B964855
Total Silver (Ag)	ug/L	ND	0.010	B967312	ND	0.010	B967312	ND	0.0108	0.0050	B964855
Total Strontium (Sr)	ug/L	28.6	0.050	B967312	29.2	0.050	B967312	35.3	11.1	0.050	B964855
Total Tellurium (Te)	ug/L	ND	0.020	B967312	ND	0.020	B967312	ND	ND	0.020	B964855
Total Thallium (Tl)	ug/L	0.0099	0.0020	B967312	0.0104	0.0020	B967312	0.0131	0.0023	0.0020	B964855
Total Thorium (Th)	ug/L	ND	0.050	B967312	ND	0.050	B967312	ND	ND	0.050	B964855
Total Tin (Sn)	ug/L	ND	0.20	B967312	ND	0.20	B967312	ND	ND	0.20	B964855
Total Titanium (Ti)	ug/L	6.7	2.0	B967312	5.2	2.0	B967312	ND	1.39	0.50	B964855
Total Uranium (U)	ug/L	0.729	0.0050	B967312	0.712	0.0050	B967312	0.550	0.0775	0.0020	B964855
Total Vanadium (V)	ug/L	0.32	0.20	B967312	0.30	0.20	B967312	ND	ND	0.20	B964855
Total Zinc (Zn)	ug/L	1.7	1.0	B967312	1.6	1.0	B967312	0.71	1.42	0.10	B964855
Total Zirconium (Zr)	ug/L	ND	0.10	B967312	ND	0.10	B967312	ND	ND	0.10	B964855
Total Calcium (Ca)	mg/L	13.4	0.25	B964169				17.9	2.14	0.050	B964169
Total Magnesium (Mg)	mg/L	0.71	0.25	B964169				0.853	0.237	0.050	B964169
Total Potassium (K)	mg/L	1.07	0.25	B964169				1.54	0.186	0.050	B964169
Total Sodium (Na)	mg/L	3.60	0.25	B964169				4.29	1.32	0.050	B964169
Total Sulphur (S)	mg/L	ND	3.0	B964169				ND	ND	3.0	B964169

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DLV131	DLV132			DLV133			DLV133		
Sampling Date		2025/05/27 14:06	2025/05/27 14:30			2025/05/27			2025/05/27		
COC Number		105332	105332			105332			105332		
	UNITS	SQRI-US	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
ANIONS											
Bromide (Br)	mg/L	ND	ND	0.010	B967854	ND	0.010	B967854			
Dissolved Metals by ICPMS											
Dissolved Aluminum (Al)	ug/L	294	331	0.50	B967978	ND	0.50	B967978			
Dissolved Antimony (Sb)	ug/L	ND	ND	0.020	B967978	ND	0.020	B967978			
Dissolved Arsenic (As)	ug/L	0.110	0.114	0.020	B967978	ND	0.020	B967978			
Dissolved Barium (Ba)	ug/L	9.07	9.72	0.020	B967978	0.026	0.020	B967978			
Dissolved Beryllium (Be)	ug/L	ND	ND	0.010	B967978	ND	0.010	B967978			
Dissolved Bismuth (Bi)	ug/L	ND	ND	0.0050	B967978	ND	0.0050	B967978			
Dissolved Boron (B)	ug/L	ND	ND	10	B967978	ND	10	B967978			
Dissolved Cadmium (Cd)	ug/L	0.0061	ND	0.0050	B967978	ND	0.0050	B967978			
Dissolved Cesium (Cs)	ug/L	ND	ND	0.050	B967978	ND	0.050	B967978			
Dissolved Chromium (Cr)	ug/L	0.15	0.19	0.10	B967978	ND	0.10	B967978			
Dissolved Cobalt (Co)	ug/L	0.159	0.191	0.0050	B967978	ND	0.0050	B967978			
Dissolved Copper (Cu)	ug/L	1.23	1.34	0.050	B967978	ND	0.050	B967978			
Dissolved Iron (Fe)	ug/L	298	331	1.0	B967978	ND	1.0	B967978			
Dissolved Lead (Pb)	ug/L	0.0558	0.0570	0.0050	B967978	ND	0.0050	B967978			
Dissolved Lithium (Li)	ug/L	0.63	0.72	0.50	B967978	ND	0.50	B967978			
Dissolved Manganese (Mn)	ug/L	9.22	10.6	0.050	B967978	ND	0.050	B967978			
Dissolved Molybdenum (Mo)	ug/L	0.398	0.375	0.050	B967978	ND	0.050	B967978			
Dissolved Nickel (Ni)	ug/L	0.162	0.202	0.020	B967978	ND	0.020	B967978			
Dissolved Phosphorus (P)	ug/L	19.5	25.0	2.0	B967978	ND	2.0	B967978			
Dissolved Rubidium (Rb)	ug/L	0.824	1.00	0.050	B967978	ND	0.050	B967978			
Dissolved Selenium (Se)	ug/L	ND	ND	0.040	B967978	ND	0.040	B967978			
Dissolved Silicon (Si)	ug/L	3150	3000	50	B967978	ND	50	B967978			
Dissolved Silver (Ag)	ug/L	ND	ND	0.0050	B967978	ND	0.0050	B967978			
Dissolved Strontium (Sr)	ug/L	22.9	22.1	0.050	B967978	ND	0.050	B967978			
Dissolved Tellurium (Te)	ug/L	ND	ND	0.020	B967978	ND	0.020	B967978			
Dissolved Thallium (Tl)	ug/L	0.0021	0.0034	0.0020	B967978	ND	0.0020	B967978			
Dissolved Thorium (Th)	ug/L	ND	ND	0.050	B967978	ND	0.050	B967978			

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
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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		DLV131	DLV132			DLV133			DLV133		
Sampling Date		2025/05/27 14:06	2025/05/27 14:30			2025/05/27			2025/05/27		
COC Number		105332	105332			105332			105332		
	UNITS	SQRI-US	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
Dissolved Tin (Sn)	ug/L	ND	ND	0.20	B967978	ND	0.20	B967978			
Dissolved Titanium (Ti)	ug/L	16.3	20.7	0.50	B967978	ND	0.50	B967978			
Dissolved Uranium (U)	ug/L	0.0408	0.0449	0.0020	B967978	ND	0.0020	B967978			
Dissolved Vanadium (V)	ug/L	1.24	1.37	0.20	B967978	ND	0.20	B967978			
Dissolved Zinc (Zn)	ug/L	1.54	1.38	0.10	B967978	0.21	0.10	B967978			
Dissolved Zirconium (Zr)	ug/L	ND	ND	0.10	B967978	ND	0.10	B967978			
Dissolved Calcium (Ca)	mg/L	3.76	3.64	0.050	B964167	ND	0.050	B964167			
Dissolved Magnesium (Mg)	mg/L	0.452	0.461	0.050	B964167	ND	0.050	B964167			
Dissolved Potassium (K)	mg/L	0.394	0.422	0.050	B964167	ND	0.050	B964167			
Dissolved Sodium (Na)	mg/L	1.11	1.04	0.050	B964167	ND	0.050	B964167			
Dissolved Sulphur (S)	mg/L	ND	ND	3.0	B964167	ND	3.0	B964167			
Total Metals by ICPMS											
Total Aluminum (Al)	ug/L	272	321	3.0	B967312	0.61	0.50	B964855	1.10	0.50	B964855
Total Antimony (Sb)	ug/L	ND	ND	0.020	B967312	ND	0.020	B964855	ND	0.020	B964855
Total Arsenic (As)	ug/L	0.107	0.105	0.020	B967312	ND	0.020	B964855	ND	0.020	B964855
Total Barium (Ba)	ug/L	8.13	9.06	0.050	B967312	0.024	0.020	B964855	0.024	0.020	B964855
Total Beryllium (Be)	ug/L	ND	ND	0.010	B967312	ND	0.010	B964855	ND	0.010	B964855
Total Bismuth (Bi)	ug/L	ND	ND	0.010	B967312	ND	0.0050	B964855	ND	0.0050	B964855
Total Boron (B)	ug/L	ND	ND	10	B967312	ND	10	B964855	ND	10	B964855
Total Cadmium (Cd)	ug/L	ND	0.0053	0.0050	B967312	ND	0.0050	B964855	ND	0.0050	B964855
Total Cesium (Cs)	ug/L	ND	ND	0.050	B967312	ND	0.050	B964855	ND	0.050	B964855
Total Chromium (Cr)	ug/L	0.22	0.19	0.10	B967312	ND	0.10	B964855	ND	0.10	B964855
Total Cobalt (Co)	ug/L	0.144	0.167	0.010	B967312	ND	0.0050	B964855	ND	0.0050	B964855
Total Copper (Cu)	ug/L	1.18	1.25	0.10	B967312	ND	0.050	B964855	ND	0.050	B964855
Total Iron (Fe)	ug/L	270	309	5.0	B967312	ND	1.0	B964855	ND	1.0	B964855
Total Lead (Pb)	ug/L	0.061	0.065	0.020	B967312	0.0073	0.0050	B964855	0.0058	0.0050	B964855
Total Lithium (Li)	ug/L	0.50	0.63	0.50	B967312	ND	0.50	B964855	ND	0.50	B964855
Total Manganese (Mn)	ug/L	8.08	9.21	0.10	B967312	ND	0.050	B964855	ND	0.050	B964855
Total Molybdenum (Mo)	ug/L	0.404	0.356	0.050	B967312	ND	0.050	B964855	ND	0.050	B964855
Total Nickel (Ni)	ug/L	0.18	0.19	0.10	B967312	ND	0.020	B964855	ND	0.020	B964855

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DLV131	DLV132			DLV133			DLV133		
Sampling Date		2025/05/27 14:06	2025/05/27 14:30			2025/05/27			2025/05/27		
COC Number		105332	105332			105332			105332		
	UNITS	SQRI-US	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
Total Phosphorus (P)	ug/L	18.8	19.7	5.0	B967312	2.8	2.0	B964855	2.7	2.0	B964855
Total Rubidium (Rb)	ug/L	0.808	0.930	0.050	B967312	ND	0.050	B964855	ND	0.050	B964855
Total Selenium (Se)	ug/L	ND	ND	0.040	B967312	ND	0.040	B964855	ND	0.040	B964855
Total Silicon (Si)	ug/L	2780	2710	50	B967312	ND	50	B964855	ND	50	B964855
Total Silver (Ag)	ug/L	ND	ND	0.010	B967312	ND	0.0050	B964855	ND	0.0050	B964855
Total Strontium (Sr)	ug/L	21.7	21.6	0.050	B967312	ND	0.050	B964855	ND	0.050	B964855
Total Tellurium (Te)	ug/L	ND	ND	0.020	B967312	ND	0.020	B964855	ND	0.020	B964855
Total Thallium (Tl)	ug/L	0.0030	0.0038	0.0020	B967312	ND	0.0020	B964855	ND	0.0020	B964855
Total Thorium (Th)	ug/L	ND	ND	0.050	B967312	ND	0.050	B964855	ND	0.050	B964855
Total Tin (Sn)	ug/L	ND	ND	0.20	B967312	ND	0.20	B964855	ND	0.20	B964855
Total Titanium (Ti)	ug/L	14.1	18.2	2.0	B967312	ND	0.50	B964855	ND	0.50	B964855
Total Uranium (U)	ug/L	0.0370	0.0437	0.0050	B967312	ND	0.0020	B964855	ND	0.0020	B964855
Total Vanadium (V)	ug/L	1.14	1.23	0.20	B967312	ND	0.20	B964855	ND	0.20	B964855
Total Zinc (Zn)	ug/L	1.4	1.7	1.0	B967312	0.25	0.10	B964855	0.26	0.10	B964855
Total Zirconium (Zr)	ug/L	ND	ND	0.10	B967312	ND	0.10	B964855	ND	0.10	B964855
Total Calcium (Ca)	mg/L	3.57	3.56	0.25	B964169	ND	0.050	B964169			
Total Magnesium (Mg)	mg/L	0.41	0.44	0.25	B964169	ND	0.050	B964169			
Total Potassium (K)	mg/L	0.36	0.40	0.25	B964169	ND	0.050	B964169			
Total Sodium (Na)	mg/L	1.01	1.01	0.25	B964169	ND	0.050	B964169			
Total Sulphur (S)	mg/L	ND	ND	3.0	B964169	ND	3.0	B964169			

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DLV134		
Sampling Date		2025/05/27		
COC Number		105332		
	UNITS	Trip Blank	RDL	QC Batch
ANIONS				
Bromide (Br)	mg/L	ND	0.010	B967854
Dissolved Metals by ICPMS				
Dissolved Aluminum (Al)	ug/L	ND	0.50	B967978
Dissolved Antimony (Sb)	ug/L	ND	0.020	B967978
Dissolved Arsenic (As)	ug/L	ND	0.020	B967978
Dissolved Barium (Ba)	ug/L	ND	0.020	B967978
Dissolved Beryllium (Be)	ug/L	ND	0.010	B967978
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	B967978
Dissolved Boron (B)	ug/L	ND	10	B967978
Dissolved Cadmium (Cd)	ug/L	ND	0.0050	B967978
Dissolved Cesium (Cs)	ug/L	ND	0.050	B967978
Dissolved Chromium (Cr)	ug/L	ND	0.10	B967978
Dissolved Cobalt (Co)	ug/L	ND	0.0050	B967978
Dissolved Copper (Cu)	ug/L	ND	0.050	B967978
Dissolved Iron (Fe)	ug/L	ND	1.0	B967978
Dissolved Lead (Pb)	ug/L	ND	0.0050	B967978
Dissolved Lithium (Li)	ug/L	ND	0.50	B967978
Dissolved Manganese (Mn)	ug/L	ND	0.050	B967978
Dissolved Molybdenum (Mo)	ug/L	ND	0.050	B967978
Dissolved Nickel (Ni)	ug/L	ND	0.020	B967978
Dissolved Phosphorus (P)	ug/L	ND	2.0	B967978
Dissolved Rubidium (Rb)	ug/L	ND	0.050	B967978
Dissolved Selenium (Se)	ug/L	ND	0.040	B967978
Dissolved Silicon (Si)	ug/L	ND	50	B967978
Dissolved Silver (Ag)	ug/L	ND	0.0050	B967978
Dissolved Strontium (Sr)	ug/L	ND	0.050	B967978
Dissolved Tellurium (Te)	ug/L	ND	0.020	B967978
Dissolved Thallium (Tl)	ug/L	ND	0.0020	B967978
Dissolved Thorium (Th)	ug/L	ND	0.050	B967978

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

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DLV134		
Sampling Date		2025/05/27		
COC Number		105332		
	UNITS	**Trip Blank**	**RDL**	**QC Batch**
Dissolved Tin (Sn)	ug/L	ND	0.20	B967978
Dissolved Titanium (Ti)	ug/L	ND	0.50	B967978
Dissolved Uranium (U)	ug/L	ND	0.0020	B967978
Dissolved Vanadium (V)	ug/L	ND	0.20	B967978
Dissolved Zinc (Zn)	ug/L	ND	0.10	B967978
Dissolved Zirconium (Zr)	ug/L	ND	0.10	B967978
Dissolved Calcium (Ca)	mg/L	ND	0.050	B964167
Dissolved Magnesium (Mg)	mg/L	ND	0.050	B964167
Dissolved Potassium (K)	mg/L	ND	0.050	B964167
Dissolved Sodium (Na)	mg/L	ND	0.050	B964167
Dissolved Sulphur (S)	mg/L	ND	3.0	B964167
Total Metals by ICPMS				
Total Aluminum (Al)	ug/L	ND	0.50	B964855
Total Antimony (Sb)	ug/L	ND	0.020	B964855
Total Arsenic (As)	ug/L	ND	0.020	B964855
Total Barium (Ba)	ug/L	ND	0.020	B964855
Total Beryllium (Be)	ug/L	ND	0.010	B964855
Total Bismuth (Bi)	ug/L	ND	0.0050	B964855
Total Boron (B)	ug/L	ND	10	B964855
Total Cadmium (Cd)	ug/L	ND	0.0050	B964855
Total Cesium (Cs)	ug/L	ND	0.050	B964855
Total Chromium (Cr)	ug/L	ND	0.10	B964855
Total Cobalt (Co)	ug/L	ND	0.0050	B964855
Total Copper (Cu)	ug/L	ND	0.050	B964855
Total Iron (Fe)	ug/L	ND	1.0	B964855
Total Lead (Pb)	ug/L	ND	0.0050	B964855
Total Lithium (Li)	ug/L	ND	0.50	B964855
Total Manganese (Mn)	ug/L	ND	0.050	B964855
Total Molybdenum (Mo)	ug/L	ND	0.050	B964855
Total Nickel (Ni)	ug/L	ND	0.020	B964855

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

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ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DLV134		
Sampling Date		2025/05/27		
COC Number		105332		
	UNITS	**Trip Blank**	**RDL**	**QC Batch**
Total Phosphorus (P)	ug/L	ND	2.0	B964855
Total Rubidium (Rb)	ug/L	ND	0.050	B964855
Total Selenium (Se)	ug/L	ND	0.040	B964855
Total Silicon (Si)	ug/L	ND	50	B964855
Total Silver (Ag)	ug/L	ND	0.0050	B964855
Total Strontium (Sr)	ug/L	ND	0.050	B964855
Total Tellurium (Te)	ug/L	ND	0.020	B964855
Total Thallium (Tl)	ug/L	ND	0.0020	B964855
Total Thorium (Th)	ug/L	ND	0.050	B964855
Total Tin (Sn)	ug/L	ND	0.20	B964855
Total Titanium (Ti)	ug/L	ND	0.50	B964855
Total Uranium (U)	ug/L	ND	0.0020	B964855
Total Vanadium (V)	ug/L	ND	0.20	B964855
Total Zinc (Zn)	ug/L	ND	0.10	B964855
Total Zirconium (Zr)	ug/L	ND	0.10	B964855
Total Calcium (Ca)	mg/L	ND	0.050	B964169
Total Magnesium (Mg)	mg/L	ND	0.050	B964169
Total Potassium (K)	mg/L	ND	0.050	B964169
Total Sodium (Na)	mg/L	ND	0.050	B964169
Total Sulphur (S)	mg/L	ND	3.0	B964169

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

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MISCELLANEOUS (WATER)

Bureau Veritas ID		DLV128	DLV129	DLV130	DLV131	DLV132		
Sampling Date		2025/05/27 10:11	2025/05/27 09:47	2025/05/27 09:12	2025/05/27 14:06	2025/05/27 14:30		
COC Number		105332	105332	105332	105332	105332		
	UNITS	WLNG-DS	WLNG -EOP	WLNG-US	SQRI-US	SQRI-DS	RDL	QC Batch
Calculated Parameters								
Total Un-ionized Hydrogen Sulfide as S	mg/L	ND	ND	ND	ND	ND	0.0050	B964386
Total Un-ionized Hydrogen Sulfide as H2S	mg/L	ND	ND	ND	ND	ND	0.0050	B964386

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

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

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

Bureau Veritas ID		DLV129		
Sampling Date		2025/05/27 09:47		
COC Number		105332		
	UNITS	WLNG -EOP	RDL	QC Batch
Calculated Parameters				
Low Molecular Weight PAH`s	ug/L	ND	0.10	B964389
High Molecular Weight PAH`s	ug/L	ND	0.050	B964389
Total PAH	ug/L	ND	0.10	B964389
Polycyclic Aromatics				
Quinoline	ug/L	ND	0.020	B967548
Naphthalene	ug/L	ND	0.10	B967548
1-Methylnaphthalene	ug/L	ND	0.050	B967548
2-Methylnaphthalene	ug/L	ND	0.10	B967548
Acenaphthylene	ug/L	ND	0.050	B967548
Acenaphthene	ug/L	ND	0.050	B967548
Fluorene	ug/L	ND	0.050	B967548
Phenanthrene	ug/L	ND	0.050	B967548
Anthracene	ug/L	ND	0.010	B967548
Acridine	ug/L	ND	0.050	B967548
Fluoranthene	ug/L	ND	0.020	B967548
Pyrene	ug/L	ND	0.020	B967548
Benzo(a)anthracene	ug/L	ND	0.010	B967548
Chrysene	ug/L	ND	0.020	B967548
Benzo(b&j)fluoranthene	ug/L	ND	0.030	B967548
Benzo(k)fluoranthene	ug/L	ND	0.050	B967548
Benzo(a)pyrene	ug/L	ND	0.0050	B967548
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.050	B967548
Dibenz(a,h)anthracene	ug/L	ND	0.0030	B967548
Benzo(g,h,i)perylene	ug/L	ND	0.050	B967548
Calculated Parameters				
LEPH (C10-C19 less PAH)	mg/L	ND	0.20	B964390
HEPH (C19-C32 less PAH)	mg/L	ND	0.20	B964390
Ext. Pet. Hydrocarbon				
EPH (C10-C19)	mg/L	ND	0.20	B967556
EPH (C19-C32)	mg/L	ND	0.20	B967556

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

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

Bureau Veritas ID		DLV129		
Sampling Date		2025/05/27 09:47		
COC Number		105332		
	UNITS	WLNG -EOP	RDL	QC Batch
Surrogate Recovery (%)				
O-TERPHENYL (sur.)	%	104		B967556
D10-ANTHRACENE (sur.)	%	93		B967548
D8-ACENAPHTHYLENE (sur.)	%	84		B967548
D8-NAPHTHALENE (sur.)	%	75		B967548
TERPHENYL-D14 (sur.)	%	92		B967548
RDL = Reportable Detection Limit				

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CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DLV129		
Sampling Date		2025/05/27 09:47		
COC Number		105332		
	UNITS	WLNG -EOP	RDL	QC Batch
Calculated Parameters				
VPH (VH6 to 10 - BTEX)	ug/L	ND	300	B964268
Volatiles				
VH C6-C10	ug/L	ND	300	B966221
1,1,1,2-tetrachloroethane	ug/L	ND	0.50	B966221
1,1,1-trichloroethane	ug/L	ND	0.50	B966221
1,1,2,2-tetrachloroethane	ug/L	ND	0.50	B966221
1,1,2Trichloro-1,2,2Trifluoroethane	ug/L	ND	2.0	B966221
1,1,2-trichloroethane	ug/L	ND	0.50	B966221
1,1-dichloroethane	ug/L	ND	0.50	B966221
1,1-dichloroethene	ug/L	ND	0.50	B966221
1,2,3-trichlorobenzene	ug/L	ND	2.0	B966221
1,2,4-trichlorobenzene	ug/L	ND	2.0	B966221
1,2-dibromoethane	ug/L	ND	0.20	B966221
1,2-dichlorobenzene	ug/L	ND	0.50	B966221
1,2-dichloroethane	ug/L	ND	0.50	B966221
1,2-dichloropropane	ug/L	ND	0.50	B966221
1,3,5-trimethylbenzene	ug/L	ND	2.0	B966221
1,3-Butadiene	ug/L	ND	0.50	B966221
1,3-dichlorobenzene	ug/L	ND	0.50	B966221
1,3-dichloropropane	ug/L	ND	1.0	B966221
1,4-dichlorobenzene	ug/L	ND	0.50	B966221
Benzene	ug/L	ND	0.40	B966221
Bromobenzene	ug/L	ND	2.0	B966221
Bromodichloromethane	ug/L	ND	1.0	B966221
Bromoform	ug/L	ND	1.0	B966221
Bromomethane	ug/L	ND	1.0	B966221
Carbon tetrachloride	ug/L	ND	0.50	B966221
Chlorobenzene	ug/L	ND	0.50	B966221
Dibromochloromethane	ug/L	ND	1.0	B966221
Chloroethane	ug/L	ND	1.0	B966221

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

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CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DLV129		
Sampling Date		2025/05/27 09:47		
COC Number		105332		
	UNITS	WLNG -EOP	RDL	QC Batch
Chloroform	ug/L	ND	1.0	B966221
Chloromethane	ug/L	ND	1.0	B966221
cis-1,2-dichloroethene	ug/L	ND	1.0	B966221
cis-1,3-dichloropropene	ug/L	ND	1.0	B966221
Dichlorodifluoromethane	ug/L	ND	2.0	B966221
Dichloromethane	ug/L	ND	2.0	B966221
Ethylbenzene	ug/L	ND	0.40	B966221
Hexachlorobutadiene	ug/L	ND	0.50	B966221
Isopropylbenzene	ug/L	ND	2.0	B966221
Methyl-tert-butylether (MTBE)	ug/L	ND	4.0	B966221
Styrene	ug/L	ND	0.50	B966221
Tetrachloroethene	ug/L	ND	0.50	B966221
Toluene	ug/L	ND	0.40	B966221
trans-1,2-dichloroethene	ug/L	ND	1.0	B966221
trans-1,3-dichloropropene	ug/L	ND	1.0	B966221
Trichloroethene	ug/L	ND	0.50	B966221
Trichlorofluoromethane	ug/L	ND	4.0	B966221
Vinyl chloride	ug/L	ND	0.50	B966221
m & p-Xylene	ug/L	ND	0.40	B966221
o-Xylene	ug/L	ND	0.40	B966221
Xylenes (Total)	ug/L	ND	0.40	B966221
Surrogate Recovery (%)				
1,4-Difluorobenzene (sur.)	%	98		B966221
4-Bromofluorobenzene (sur.)	%	72		B966221
D4-1,2-Dichloroethane (sur.)	%	86		B966221

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 bottles for dissolved mercury were preserved and unfiltered.
Dissolved Mercury analyzed via dissolved metals bottles.

MERCURY BY COLD VAPOR (WATER) Comments

Sample DLV128 [WLNG-DS] Mercury (Dissolved) by CV: Mercury sample analyzed using the HDPE container and nitric acid preservative, these non-conformances can cause stability and high or low biases, results for this test are qualified.
Sample DLV129 [WLNG -EOP] Mercury (Dissolved) by CV: Mercury sample analyzed using the HDPE container and nitric acid preservative, these non-conformances can cause stability and high or low biases, results for this test are qualified.
Sample DLV130 [WLNG-US] Mercury (Dissolved) by CV: Mercury sample analyzed using the HDPE container and nitric acid preservative, these non-conformances can cause stability and high or low biases, results for this test are qualified.
Sample DLV131 [SQRI-US] Mercury (Dissolved) by CV: Mercury sample analyzed using the HDPE container and nitric acid preservative, these non-conformances can cause stability and high or low biases, results for this test are qualified.
Sample DLV132 [SQRI-DS] Mercury (Dissolved) by CV: Mercury sample analyzed using the HDPE container and nitric acid preservative, these non-conformances can cause stability and high or low biases, results for this test are qualified.
Sample DLV133 [Field Blank] Mercury (Dissolved) by CV: Mercury sample analyzed using the HDPE container and nitric acid preservative, these non-conformances can cause stability and high or low biases, results for this test are qualified.
Sample DLV134 [Trip Blank] Mercury (Dissolved) by CV: Mercury sample analyzed using the HDPE container and nitric acid preservative, these non-conformances can cause stability and high or low biases, results for this test are qualified.

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
B964855	AA1	Matrix Spike	Total Aluminum (Al)	2025/05/29		92	%	80 - 120
			Total Antimony (Sb)	2025/05/29		98	%	80 - 120
			Total Arsenic (As)	2025/05/29		99	%	80 - 120
			Total Barium (Ba)	2025/05/29		99	%	80 - 120
			Total Beryllium (Be)	2025/05/29		95	%	80 - 120
			Total Bismuth (Bi)	2025/05/29		97	%	80 - 120
			Total Boron (B)	2025/05/29		92	%	80 - 120
			Total Cadmium (Cd)	2025/05/29		98	%	80 - 120
			Total Cesium (Cs)	2025/05/29		100	%	80 - 120
			Total Chromium (Cr)	2025/05/29		99	%	80 - 120
			Total Cobalt (Co)	2025/05/29		94	%	80 - 120
			Total Copper (Cu)	2025/05/29		94	%	80 - 120
			Total Iron (Fe)	2025/05/29		99	%	80 - 120
			Total Lead (Pb)	2025/05/29		95	%	80 - 120
			Total Lithium (Li)	2025/05/29		108	%	80 - 120
			Total Manganese (Mn)	2025/05/29		97	%	80 - 120
			Total Molybdenum (Mo)	2025/05/29		98	%	80 - 120
			Total Nickel (Ni)	2025/05/29		98	%	80 - 120
			Total Phosphorus (P)	2025/05/29		93	%	80 - 120
			Total Rubidium (Rb)	2025/05/29		104	%	80 - 120
			Total Selenium (Se)	2025/05/29		97	%	80 - 120
			Total Silicon (Si)	2025/05/29		96	%	80 - 120
			Total Silver (Ag)	2025/05/29		98	%	80 - 120
			Total Strontium (Sr)	2025/05/29		98	%	80 - 120
			Total Tellurium (Te)	2025/05/29		97	%	80 - 120
			Total Thallium (Tl)	2025/05/29		99	%	80 - 120
			Total Thorium (Th)	2025/05/29		107	%	80 - 120
			Total Tin (Sn)	2025/05/29		97	%	80 - 120
			Total Titanium (Ti)	2025/05/29		99	%	80 - 120
			Total Uranium (U)	2025/05/29		107	%	80 - 120
			Total Vanadium (V)	2025/05/29		99	%	80 - 120
			Total Zinc (Zn)	2025/05/29		100	%	80 - 120
			Total Zirconium (Zr)	2025/05/29		96	%	80 - 120
B964855	AA1	Spiked Blank	Total Aluminum (Al)	2025/05/29		96	%	80 - 120
			Total Antimony (Sb)	2025/05/29		102	%	80 - 120
			Total Arsenic (As)	2025/05/29		102	%	80 - 120
			Total Barium (Ba)	2025/05/29		101	%	80 - 120
			Total Beryllium (Be)	2025/05/29		98	%	80 - 120
			Total Bismuth (Bi)	2025/05/29		99	%	80 - 120
			Total Boron (B)	2025/05/29		92	%	80 - 120
			Total Cadmium (Cd)	2025/05/29		101	%	80 - 120
			Total Cesium (Cs)	2025/05/29		101	%	80 - 120
			Total Chromium (Cr)	2025/05/29		103	%	80 - 120
			Total Cobalt (Co)	2025/05/29		97	%	80 - 120
			Total Copper (Cu)	2025/05/29		97	%	80 - 120
			Total Iron (Fe)	2025/05/29		103	%	80 - 120
			Total Lead (Pb)	2025/05/29		100	%	80 - 120
			Total Lithium (Li)	2025/05/29		107	%	80 - 120
			Total Manganese (Mn)	2025/05/29		101	%	80 - 120
			Total Molybdenum (Mo)	2025/05/29		101	%	80 - 120
			Total Nickel (Ni)	2025/05/29		101	%	80 - 120
			Total Phosphorus (P)	2025/05/29		98	%	80 - 120
			Total Rubidium (Rb)	2025/05/29		110	%	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 Selenium (Se)	2025/05/29		100	%	80 - 120
			Total Silicon (Si)	2025/05/29		102	%	80 - 120
			Total Silver (Ag)	2025/05/29		101	%	80 - 120
			Total Strontium (Sr)	2025/05/29		101	%	80 - 120
			Total Tellurium (Te)	2025/05/29		101	%	80 - 120
			Total Thallium (Tl)	2025/05/29		100	%	80 - 120
			Total Thorium (Th)	2025/05/29		109	%	80 - 120
			Total Tin (Sn)	2025/05/29		100	%	80 - 120
			Total Titanium (Ti)	2025/05/29		103	%	80 - 120
			Total Uranium (U)	2025/05/29		110	%	80 - 120
			Total Vanadium (V)	2025/05/29		104	%	80 - 120
			Total Zinc (Zn)	2025/05/29		105	%	80 - 120
			Total Zirconium (Zr)	2025/05/29		101	%	80 - 120
B964855	AA1	Method Blank	Total Aluminum (Al)	2025/05/29	ND, RDL=0.50		ug/L	
			Total Antimony (Sb)	2025/05/29	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/05/29	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/05/29	ND, RDL=0.020		ug/L	
			Total Beryllium (Be)	2025/05/29	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/05/29	ND, RDL=0.0050		ug/L	
			Total Boron (B)	2025/05/29	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/05/29	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/05/29	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/05/29	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/05/29	ND, RDL=0.0050		ug/L	
			Total Copper (Cu)	2025/05/29	ND, RDL=0.050		ug/L	
			Total Iron (Fe)	2025/05/29	ND, RDL=1.0		ug/L	
			Total Lead (Pb)	2025/05/29	ND, RDL=0.0050		ug/L	
			Total Lithium (Li)	2025/05/29	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/05/29	ND, RDL=0.050		ug/L	
			Total Molybdenum (Mo)	2025/05/29	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/05/29	ND, RDL=0.020		ug/L	
			Total Phosphorus (P)	2025/05/29	ND, RDL=2.0		ug/L	
			Total Rubidium (Rb)	2025/05/29	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
			Total Selenium (Se)	2025/05/29	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/05/29	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/05/29	ND, RDL=0.0050		ug/L	
			Total Strontium (Sr)	2025/05/29	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/05/29	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/05/29	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/05/29	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/05/29	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/05/29	ND, RDL=0.50		ug/L	
			Total Uranium (U)	2025/05/29	ND, RDL=0.0020		ug/L	
			Total Vanadium (V)	2025/05/29	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/05/29	ND, RDL=0.10		ug/L	
			Total Zirconium (Zr)	2025/05/29	ND, RDL=0.10		ug/L	
B964855	AA1	RPD	Total Aluminum (Al)	2025/05/29	NC		%	20
			Total Antimony (Sb)	2025/05/29	NC		%	20
			Total Arsenic (As)	2025/05/29	NC		%	20
			Total Barium (Ba)	2025/05/29	NC		%	20
			Total Beryllium (Be)	2025/05/29	NC		%	20
			Total Bismuth (Bi)	2025/05/29	NC		%	20
			Total Boron (B)	2025/05/29	NC		%	20
			Total Cadmium (Cd)	2025/05/29	NC		%	20
			Total Chromium (Cr)	2025/05/29	NC		%	20
			Total Cobalt (Co)	2025/05/29	NC		%	20
			Total Copper (Cu)	2025/05/29	NC		%	20
			Total Iron (Fe)	2025/05/29	NC		%	20
			Total Lead (Pb)	2025/05/29	NC		%	20
			Total Lithium (Li)	2025/05/29	NC		%	20
			Total Manganese (Mn)	2025/05/29	NC		%	20
			Total Molybdenum (Mo)	2025/05/29	NC		%	20
			Total Nickel (Ni)	2025/05/29	NC		%	20
			Total Selenium (Se)	2025/05/29	NC		%	20
			Total Silicon (Si)	2025/05/29	NC		%	20
			Total Silver (Ag)	2025/05/29	NC		%	20
			Total Strontium (Sr)	2025/05/29	NC		%	20
			Total Thallium (Tl)	2025/05/29	NC		%	20
			Total Tin (Sn)	2025/05/29	NC		%	20
			Total Titanium (Ti)	2025/05/29	NC		%	20
			Total Uranium (U)	2025/05/29	NC		%	20
			Total Vanadium (V)	2025/05/29	NC		%	20
			Total Zinc (Zn)	2025/05/29	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
			Total Zirconium (Zr)	2025/05/29	NC		%	20
			Total Aluminum (Al)	2025/05/29	13		%	20
			Total Antimony (Sb)	2025/05/29	NC		%	20
			Total Arsenic (As)	2025/05/29	NC		%	20
			Total Barium (Ba)	2025/05/29	5.9		%	20
			Total Beryllium (Be)	2025/05/29	NC		%	20
			Total Bismuth (Bi)	2025/05/29	NC		%	20
			Total Boron (B)	2025/05/29	NC		%	20
			Total Cadmium (Cd)	2025/05/29	NC		%	20
			Total Chromium (Cr)	2025/05/29	NC		%	20
			Total Cobalt (Co)	2025/05/29	NC		%	20
			Total Copper (Cu)	2025/05/29	NC		%	20
			Total Iron (Fe)	2025/05/29	0.24		%	20
			Total Lead (Pb)	2025/05/29	14		%	20
			Total Lithium (Li)	2025/05/29	NC		%	20
			Total Manganese (Mn)	2025/05/29	NC		%	20
			Total Molybdenum (Mo)	2025/05/29	NC		%	20
			Total Nickel (Ni)	2025/05/29	NC		%	20
			Total Phosphorus (P)	2025/05/29	7.7		%	20
			Total Selenium (Se)	2025/05/29	NC		%	20
			Total Silicon (Si)	2025/05/29	NC		%	20
			Total Silver (Ag)	2025/05/29	NC		%	20
			Total Strontium (Sr)	2025/05/29	NC		%	20
			Total Thallium (Tl)	2025/05/29	NC		%	20
			Total Tin (Sn)	2025/05/29	NC		%	20
			Total Titanium (Ti)	2025/05/29	NC		%	20
			Total Uranium (U)	2025/05/29	NC		%	20
			Total Vanadium (V)	2025/05/29	NC		%	20
			Total Zinc (Zn)	2025/05/29	12		%	20
			Total Zirconium (Zr)	2025/05/29	NC		%	20
B964855	AA1	RPD [DLV133-08]	Total Aluminum (Al)	2025/05/29	NC		%	20
			Total Antimony (Sb)	2025/05/29	NC		%	20
			Total Arsenic (As)	2025/05/29	NC		%	20
			Total Barium (Ba)	2025/05/29	1.7		%	20
			Total Beryllium (Be)	2025/05/29	NC		%	20
			Total Bismuth (Bi)	2025/05/29	NC		%	20
			Total Boron (B)	2025/05/29	NC		%	20
			Total Cadmium (Cd)	2025/05/29	NC		%	20
			Total Cesium (Cs)	2025/05/29	NC		%	20
			Total Chromium (Cr)	2025/05/29	NC		%	20
			Total Cobalt (Co)	2025/05/29	NC		%	20
			Total Copper (Cu)	2025/05/29	NC		%	20
			Total Iron (Fe)	2025/05/29	NC		%	20
			Total Lead (Pb)	2025/05/29	NC		%	20
			Total Lithium (Li)	2025/05/29	NC		%	20
			Total Manganese (Mn)	2025/05/29	NC		%	20
			Total Molybdenum (Mo)	2025/05/29	NC		%	20
			Total Nickel (Ni)	2025/05/29	NC		%	20
			Total Phosphorus (P)	2025/05/29	0.12		%	20
			Total Rubidium (Rb)	2025/05/29	NC		%	20
			Total Selenium (Se)	2025/05/29	NC		%	20
			Total Silicon (Si)	2025/05/29	NC		%	20
			Total Silver (Ag)	2025/05/29	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
			Total Strontium (Sr)	2025/05/29	NC		%	20
			Total Tellurium (Te)	2025/05/29	NC		%	20
			Total Thallium (Tl)	2025/05/29	NC		%	20
			Total Thorium (Th)	2025/05/29	NC		%	20
			Total Tin (Sn)	2025/05/29	NC		%	20
			Total Titanium (Ti)	2025/05/29	NC		%	20
			Total Uranium (U)	2025/05/29	NC		%	20
			Total Vanadium (V)	2025/05/29	NC		%	20
			Total Zinc (Zn)	2025/05/29	3.7		%	20
			Total Zirconium (Zr)	2025/05/29	NC		%	20
B964863	JLP	Matrix Spike [DLV134-02]	Total Hex. Chromium (Cr 6+)	2025/05/28		108	%	80 - 120
B964863	JLP	Spiked Blank	Total Hex. Chromium (Cr 6+)	2025/05/28		108	%	80 - 120
B964863	JLP	Method Blank	Total Hex. Chromium (Cr 6+)	2025/05/28	ND, RDL=0.00099		mg/L	
B964863	JLP	RPD [DLV134-02]	Total Hex. Chromium (Cr 6+)	2025/05/28	NC		%	20
B964962	TSO	Matrix Spike	Total Ammonia (N)	2025/05/28		98	%	80 - 120
B964962	TSO	Spiked Blank	Total Ammonia (N)	2025/05/28		104	%	80 - 120
B964962	TSO	Method Blank	Total Ammonia (N)	2025/05/28	ND, RDL=0.015		mg/L	
B964962	TSO	RPD	Total Ammonia (N)	2025/05/28	3.1		%	20
B965046	BB3	Spiked Blank	pH	2025/05/28		100	%	97 - 103
B965046	BB3	RPD	pH	2025/05/28	0.31		%	N/A
B965052	BB3	Spiked Blank	Alkalinity (Total as CaCO3)	2025/05/28		100	%	80 - 120
B965052	BB3	Method Blank	Alkalinity (PP as CaCO3)	2025/05/28	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/05/28	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/05/28	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/05/28	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/05/28	ND, RDL=1.0		mg/L	
B965052	BB3	RPD	Alkalinity (PP as CaCO3)	2025/05/28	NC		%	20
			Alkalinity (Total as CaCO3)	2025/05/28	0.32		%	20
			Bicarbonate (HCO3)	2025/05/28	0.32		%	20
			Carbonate (CO3)	2025/05/28	NC		%	20
			Hydroxide (OH)	2025/05/28	NC		%	20
B966221	NGU	Matrix Spike	1,4-Difluorobenzene (sur.)	2025/05/29		99	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/05/29		101	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/05/29		98	%	50 - 140
			1,1,1,2-tetrachloroethane	2025/05/29		91	%	50 - 140
			1,1,1-trichloroethane	2025/05/29		93	%	50 - 140
			1,1,2,2-tetrachloroethane	2025/05/29		97	%	50 - 140
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/05/29		94	%	50 - 140
			1,1,2-trichloroethane	2025/05/29		95	%	50 - 140
			1,1-dichloroethane	2025/05/29		98	%	50 - 140
			1,1-dichloroethene	2025/05/29		110	%	50 - 140
			1,2,3-trichlorobenzene	2025/05/29		84	%	50 - 140
			1,2,4-trichlorobenzene	2025/05/29		105	%	50 - 140
			1,2-dibromoethane	2025/05/29		95	%	50 - 140
			1,2-dichlorobenzene	2025/05/29		106	%	50 - 140
			1,2-dichloroethane	2025/05/29		98	%	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
			1,2-dichloropropane	2025/05/29		99	%	50 - 140
			1,3,5-trimethylbenzene	2025/05/29		98	%	50 - 140
			1,3-Butadiene	2025/05/29		59	%	50 - 140
			1,3-dichlorobenzene	2025/05/29		109	%	50 - 140
			1,3-dichloropropane	2025/05/29		94	%	50 - 140
			1,4-dichlorobenzene	2025/05/29		96	%	50 - 140
			Benzene	2025/05/29		NC	%	50 - 140
			Bromobenzene	2025/05/29		102	%	50 - 140
			Bromodichloromethane	2025/05/29		95	%	50 - 140
			Bromoform	2025/05/29		96	%	50 - 140
			Bromomethane	2025/05/29		93	%	50 - 140
			Carbon tetrachloride	2025/05/29		99	%	50 - 140
			Chlorobenzene	2025/05/29		96	%	50 - 140
			Dibromochloromethane	2025/05/29		85	%	50 - 140
			Chloroethane	2025/05/29		103	%	50 - 140
			Chloroform	2025/05/29		96	%	50 - 140
			Chloromethane	2025/05/29		118	%	50 - 140
			cis-1,2-dichloroethene	2025/05/29		104	%	50 - 140
			cis-1,3-dichloropropene	2025/05/29		76	%	50 - 140
			Dichlorodifluoromethane	2025/05/29		94	%	50 - 140
			Dichloromethane	2025/05/29		86	%	50 - 140
			Ethylbenzene	2025/05/29		73	%	50 - 140
			Hexachlorobutadiene	2025/05/29		106	%	50 - 140
			Isopropylbenzene	2025/05/29		82	%	50 - 140
			Methyl-tert-butylether (MTBE)	2025/05/29		96	%	50 - 140
			Styrene	2025/05/29		78	%	50 - 140
			Tetrachloroethene	2025/05/29		95	%	50 - 140
			Toluene	2025/05/29		77	%	50 - 140
			trans-1,2-dichloroethene	2025/05/29		105	%	50 - 140
			trans-1,3-dichloropropene	2025/05/29		67	%	50 - 140
			Trichloroethene	2025/05/29		100	%	50 - 140
			Trichlorofluoromethane	2025/05/29		100	%	50 - 140
			Vinyl chloride	2025/05/29		104	%	50 - 140
			m & p-Xylene	2025/05/29		74	%	50 - 140
			o-Xylene	2025/05/29		72	%	50 - 140
B966221	NGU	Spiked Blank	1,4-Difluorobenzene (sur.)	2025/05/29		97	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/05/29		71	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/05/29		82	%	50 - 140
			VH C6-C10	2025/05/29		89	%	70 - 130
			1,1,1,2-tetrachloroethane	2025/05/29		87	%	60 - 130
			1,1,1-trichloroethane	2025/05/29		90	%	60 - 130
			1,1,2,2-tetrachloroethane	2025/05/29		91	%	60 - 130
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/05/29		90	%	60 - 130
			1,1,2-trichloroethane	2025/05/29		91	%	60 - 130
			1,1-dichloroethane	2025/05/29		93	%	60 - 130
			1,1-dichloroethene	2025/05/29		104	%	60 - 130
			1,2,3-trichlorobenzene	2025/05/29		81	%	60 - 130
			1,2,4-trichlorobenzene	2025/05/29		102	%	60 - 130
			1,2-dibromoethane	2025/05/29		91	%	60 - 130
			1,2-dichlorobenzene	2025/05/29		101	%	60 - 130
			1,2-dichloroethane	2025/05/29		94	%	60 - 130
			1,2-dichloropropane	2025/05/29		94	%	60 - 130
			1,3,5-trimethylbenzene	2025/05/29		94	%	60 - 130

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			1,3-Butadiene	2025/05/29		57	%	50 - 140
			1,3-dichlorobenzene	2025/05/29		105	%	60 - 130
			1,3-dichloropropane	2025/05/29		90	%	60 - 130
			1,4-dichlorobenzene	2025/05/29		92	%	60 - 130
			Benzene	2025/05/29		100	%	60 - 130
			Bromobenzene	2025/05/29		98	%	60 - 130
			Bromodichloromethane	2025/05/29		90	%	60 - 130
			Bromoform	2025/05/29		90	%	60 - 130
			Bromomethane	2025/05/29		86	%	50 - 140
			Carbon tetrachloride	2025/05/29		95	%	60 - 130
			Chlorobenzene	2025/05/29		92	%	60 - 130
			Dibromochloromethane	2025/05/29		81	%	60 - 130
			Chloroethane	2025/05/29		69	%	50 - 140
			Chloroform	2025/05/29		91	%	60 - 130
			Chloromethane	2025/05/29		114	%	50 - 140
			cis-1,2-dichloroethene	2025/05/29		99	%	60 - 130
			cis-1,3-dichloropropene	2025/05/29		73	%	50 - 140
			Dichlorodifluoromethane	2025/05/29		93	%	50 - 140
			Dichloromethane	2025/05/29		81	%	60 - 130
			Ethylbenzene	2025/05/29		70	%	60 - 130
			Hexachlorobutadiene	2025/05/29		102	%	60 - 130
			Isopropylbenzene	2025/05/29		79	%	60 - 130
			Methyl-tert-butylether (MTBE)	2025/05/29		94	%	60 - 130
			Styrene	2025/05/29		76	%	60 - 130
			Tetrachloroethene	2025/05/29		94	%	60 - 130
			Toluene	2025/05/29		74	%	60 - 130
			trans-1,2-dichloroethene	2025/05/29		101	%	60 - 130
			trans-1,3-dichloropropene	2025/05/29		67	%	50 - 140
			Trichloroethene	2025/05/29		97	%	60 - 130
			Trichlorofluoromethane	2025/05/29		94	%	60 - 130
			Vinyl chloride	2025/05/29		99	%	50 - 140
			m & p-Xylene	2025/05/29		71	%	60 - 130
			o-Xylene	2025/05/29		70	%	60 - 130
B966221	NGU	Method Blank	1,4-Difluorobenzene (sur.)	2025/05/29		99	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/05/29		71	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/05/29		87	%	50 - 140
			VH C6-C10	2025/05/29	ND, RDL=300		ug/L	
			1,1,1,2-tetrachloroethane	2025/05/29	ND, RDL=0.50		ug/L	
			1,1,1-trichloroethane	2025/05/29	ND, RDL=0.50		ug/L	
			1,1,2,2-tetrachloroethane	2025/05/29	ND, RDL=0.50		ug/L	
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/05/29	ND, RDL=2.0		ug/L	
			1,1,2-trichloroethane	2025/05/29	ND, RDL=0.50		ug/L	
			1,1-dichloroethane	2025/05/29	ND, RDL=0.50		ug/L	
			1,1-dichloroethene	2025/05/29	ND, RDL=0.50		ug/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			1,2,3-trichlorobenzene	2025/05/29	ND, RDL=2.0		ug/L	
			1,2,4-trichlorobenzene	2025/05/29	ND, RDL=2.0		ug/L	
			1,2-dibromoethane	2025/05/29	ND, RDL=0.20		ug/L	
			1,2-dichlorobenzene	2025/05/29	ND, RDL=0.50		ug/L	
			1,2-dichloroethane	2025/05/29	ND, RDL=0.50		ug/L	
			1,2-dichloropropane	2025/05/29	ND, RDL=0.50		ug/L	
			1,3,5-trimethylbenzene	2025/05/29	ND, RDL=2.0		ug/L	
			1,3-Butadiene	2025/05/29	ND, RDL=0.50		ug/L	
			1,3-dichlorobenzene	2025/05/29	ND, RDL=0.50		ug/L	
			1,3-dichloropropane	2025/05/29	ND, RDL=1.0		ug/L	
			1,4-dichlorobenzene	2025/05/29	ND, RDL=0.50		ug/L	
			Benzene	2025/05/29	ND, RDL=0.40		ug/L	
			Bromobenzene	2025/05/29	ND, RDL=2.0		ug/L	
			Bromodichloromethane	2025/05/29	ND, RDL=1.0		ug/L	
			Bromoform	2025/05/29	ND, RDL=1.0		ug/L	
			Bromomethane	2025/05/29	ND, RDL=1.0		ug/L	
			Carbon tetrachloride	2025/05/29	ND, RDL=0.50		ug/L	
			Chlorobenzene	2025/05/29	ND, RDL=0.50		ug/L	
			Dibromochloromethane	2025/05/29	ND, RDL=1.0		ug/L	
			Chloroethane	2025/05/29	ND, RDL=1.0		ug/L	
			Chloroform	2025/05/29	ND, RDL=1.0		ug/L	
			Chloromethane	2025/05/29	ND, RDL=1.0		ug/L	
			cis-1,2-dichloroethene	2025/05/29	ND, RDL=1.0		ug/L	
			cis-1,3-dichloropropene	2025/05/29	ND, RDL=1.0		ug/L	
			Dichlorodifluoromethane	2025/05/29	ND, RDL=2.0		ug/L	
			Dichloromethane	2025/05/29	ND, RDL=2.0		ug/L	
			Ethylbenzene	2025/05/29	ND, RDL=0.40		ug/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Hexachlorobutadiene	2025/05/29	ND, RDL=0.50		ug/L	
			Isopropylbenzene	2025/05/29	ND, RDL=2.0		ug/L	
			Methyl-tert-butylether (MTBE)	2025/05/29	ND, RDL=4.0		ug/L	
			Styrene	2025/05/29	ND, RDL=0.50		ug/L	
			Tetrachloroethene	2025/05/29	ND, RDL=0.50		ug/L	
			Toluene	2025/05/29	ND, RDL=0.40		ug/L	
			trans-1,2-dichloroethene	2025/05/29	ND, RDL=1.0		ug/L	
			trans-1,3-dichloropropene	2025/05/29	ND, RDL=1.0		ug/L	
			Trichloroethene	2025/05/29	ND, RDL=0.50		ug/L	
			Trichlorofluoromethane	2025/05/29	ND, RDL=4.0		ug/L	
			Vinyl chloride	2025/05/29	ND, RDL=0.50		ug/L	
			m & p-Xylene	2025/05/29	ND, RDL=0.40		ug/L	
			o-Xylene	2025/05/29	ND, RDL=0.40		ug/L	
			Xylenes (Total)	2025/05/29	ND, RDL=0.40		ug/L	
B966221	NGU	RPD	VH C6-C10	2025/05/29	NC		%	30
			1,2-dibromoethane	2025/05/29	NC		%	30
			1,2-dichloroethane	2025/05/29	NC		%	30
			1,3,5-trimethylbenzene	2025/05/29	NC		%	30
			1,3-Butadiene	2025/05/29	0.24		%	30
			Benzene	2025/05/29	0.88		%	30
			Ethylbenzene	2025/05/29	0.51		%	30
			Isopropylbenzene	2025/05/29	NC		%	30
			Methyl-tert-butylether (MTBE)	2025/05/29	NC		%	30
			Styrene	2025/05/29	NC		%	30
			Toluene	2025/05/29	2.6		%	30
			m & p-Xylene	2025/05/29	1.4		%	30
			o-Xylene	2025/05/29	0		%	30
			Xylenes (Total)	2025/05/29	0.97		%	30
B966258	C2L	Matrix Spike	Nitrate plus Nitrite (N)	2025/05/29		118	%	80 - 120
B966258	C2L	Spiked Blank	Nitrate plus Nitrite (N)	2025/05/29		108	%	80 - 120
B966258	C2L	Method Blank	Nitrate plus Nitrite (N)	2025/05/29	ND, RDL=0.020		mg/L	
B966258	C2L	RPD	Nitrate plus Nitrite (N)	2025/05/29	0.88		%	25
B966267	C2L	Matrix Spike	Nitrite (N)	2025/05/29		114	%	80 - 120
B966267	C2L	Spiked Blank	Nitrite (N)	2025/05/29		103	%	80 - 120
B966267	C2L	Method Blank	Nitrite (N)	2025/05/29	ND, RDL=0.0050		mg/L	
B966267	C2L	RPD	Nitrite (N)	2025/05/29	NC		%	20
B966823	BB3	Spiked Blank	pH	2025/05/29		100	%	97 - 103
B966823	BB3	RPD	pH	2025/05/29	0.20		%	N/A

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			pH	2025/05/29	0.78		%	N/A
B966843	BB3	Spiked Blank	Alkalinity (Total as CaCO3)	2025/05/29		98	%	80 - 120
B966843	BB3	Method Blank	Alkalinity (PP as CaCO3)	2025/05/29	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/05/29	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/05/29	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/05/29	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/05/29	ND, RDL=1.0		mg/L	
B966843	BB3	RPD	Alkalinity (PP as CaCO3)	2025/05/29	NC		%	20
			Alkalinity (Total as CaCO3)	2025/05/29	0.081		%	20
			Bicarbonate (HCO3)	2025/05/29	0.081		%	20
			Carbonate (CO3)	2025/05/29	NC		%	20
			Hydroxide (OH)	2025/05/29	NC		%	20
			Alkalinity (PP as CaCO3)	2025/05/29	NC		%	20
			Alkalinity (Total as CaCO3)	2025/05/29	0.16		%	20
			Bicarbonate (HCO3)	2025/05/29	0.16		%	20
			Carbonate (CO3)	2025/05/29	NC		%	20
			Hydroxide (OH)	2025/05/29	NC		%	20
B967272	BTM	Matrix Spike	Total Suspended Solids	2025/06/02		104	%	80 - 120
B967272	BTM	Spiked Blank	Total Suspended Solids	2025/06/02		99	%	80 - 120
B967272	BTM	Method Blank	Total Suspended Solids	2025/06/02	ND, RDL=1.0		mg/L	
B967272	BTM	RPD [DLV128-01]	Total Suspended Solids	2025/06/02	9.5		%	20
B967312	MEM	Matrix Spike	Total Aluminum (Al)	2025/06/02		96	%	80 - 120
			Total Antimony (Sb)	2025/06/02		104	%	80 - 120
			Total Arsenic (As)	2025/06/02		110	%	80 - 120
			Total Barium (Ba)	2025/06/02		206 (1)	%	80 - 120
			Total Beryllium (Be)	2025/06/02		103	%	80 - 120
			Total Bismuth (Bi)	2025/06/02		37 (1)	%	80 - 120
			Total Boron (B)	2025/06/02		101	%	80 - 120
			Total Cadmium (Cd)	2025/06/02		105	%	80 - 120
			Total Cesium (Cs)	2025/06/02		101	%	80 - 120
			Total Chromium (Cr)	2025/06/02		98	%	80 - 120
			Total Cobalt (Co)	2025/06/02		96	%	80 - 120
			Total Copper (Cu)	2025/06/02		94	%	80 - 120
			Total Iron (Fe)	2025/06/02		259 (1)	%	80 - 120
			Total Lead (Pb)	2025/06/02		102	%	80 - 120
			Total Lithium (Li)	2025/06/02		104	%	80 - 120
			Total Manganese (Mn)	2025/06/02		226 (1)	%	80 - 120
			Total Molybdenum (Mo)	2025/06/02		48 (1)	%	80 - 120
			Total Nickel (Ni)	2025/06/02		94	%	80 - 120
			Total Phosphorus (P)	2025/06/02		107	%	80 - 120
			Total Rubidium (Rb)	2025/06/02		105	%	80 - 120
			Total Selenium (Se)	2025/06/02		110	%	80 - 120
			Total Silicon (Si)	2025/06/02		97	%	80 - 120
			Total Silver (Ag)	2025/06/02		100	%	80 - 120
			Total Strontium (Sr)	2025/06/02		NC	%	80 - 120
			Total Tellurium (Te)	2025/06/02		108	%	80 - 120
			Total Thallium (Tl)	2025/06/02		102	%	80 - 120

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Thorium (Th)	2025/06/02		111	%	80 - 120
			Total Tin (Sn)	2025/06/02		100	%	80 - 120
			Total Titanium (Ti)	2025/06/02		100	%	80 - 120
			Total Uranium (U)	2025/06/02		111	%	80 - 120
			Total Vanadium (V)	2025/06/02		101	%	80 - 120
			Total Zinc (Zn)	2025/06/02		104	%	80 - 120
			Total Zirconium (Zr)	2025/06/02		106	%	80 - 120
B967312	MEM	Spiked Blank	Total Aluminum (Al)	2025/06/02		100	%	80 - 120
			Total Antimony (Sb)	2025/06/02		103	%	80 - 120
			Total Arsenic (As)	2025/06/02		104	%	80 - 120
			Total Barium (Ba)	2025/06/02		104	%	80 - 120
			Total Beryllium (Be)	2025/06/02		103	%	80 - 120
			Total Bismuth (Bi)	2025/06/02		105	%	80 - 120
			Total Boron (B)	2025/06/02		106	%	80 - 120
			Total Cadmium (Cd)	2025/06/02		105	%	80 - 120
			Total Cesium (Cs)	2025/06/02		104	%	80 - 120
			Total Chromium (Cr)	2025/06/02		105	%	80 - 120
			Total Cobalt (Co)	2025/06/02		105	%	80 - 120
			Total Copper (Cu)	2025/06/02		104	%	80 - 120
			Total Iron (Fe)	2025/06/02		107	%	80 - 120
			Total Lead (Pb)	2025/06/02		105	%	80 - 120
			Total Lithium (Li)	2025/06/02		106	%	80 - 120
			Total Manganese (Mn)	2025/06/02		106	%	80 - 120
			Total Molybdenum (Mo)	2025/06/02		103	%	80 - 120
			Total Nickel (Ni)	2025/06/02		105	%	80 - 120
			Total Phosphorus (P)	2025/06/02		103	%	80 - 120
			Total Rubidium (Rb)	2025/06/02		116	%	80 - 120
			Total Selenium (Se)	2025/06/02		105	%	80 - 120
			Total Silicon (Si)	2025/06/02		105	%	80 - 120
			Total Silver (Ag)	2025/06/02		103	%	80 - 120
			Total Strontium (Sr)	2025/06/02		103	%	80 - 120
			Total Tellurium (Te)	2025/06/02		102	%	80 - 120
			Total Thallium (Tl)	2025/06/02		104	%	80 - 120
			Total Thorium (Th)	2025/06/02		104	%	80 - 120
			Total Tin (Sn)	2025/06/02		105	%	80 - 120
			Total Titanium (Ti)	2025/06/02		105	%	80 - 120
			Total Uranium (U)	2025/06/02		113	%	80 - 120
			Total Vanadium (V)	2025/06/02		106	%	80 - 120
			Total Zinc (Zn)	2025/06/02		105	%	80 - 120
			Total Zirconium (Zr)	2025/06/02		104	%	80 - 120
B967312	MEM	Method Blank	Total Aluminum (Al)	2025/05/31	ND, RDL=3.0		ug/L	
			Total Antimony (Sb)	2025/05/31	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/05/31	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/05/31	ND, RDL=0.050		ug/L	
			Total Beryllium (Be)	2025/05/31	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/05/31	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 Boron (B)	2025/05/31	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/05/31	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/05/31	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/05/31	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/05/31	ND, RDL=0.010		ug/L	
			Total Copper (Cu)	2025/05/31	ND, RDL=0.10		ug/L	
			Total Iron (Fe)	2025/05/31	ND, RDL=5.0		ug/L	
			Total Lead (Pb)	2025/05/31	ND, RDL=0.020		ug/L	
			Total Lithium (Li)	2025/05/31	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/05/31	ND, RDL=0.10		ug/L	
			Total Molybdenum (Mo)	2025/05/31	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/05/31	ND, RDL=0.10		ug/L	
			Total Phosphorus (P)	2025/05/31	ND, RDL=5.0		ug/L	
			Total Rubidium (Rb)	2025/05/31	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/05/31	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/05/31	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/05/31	ND, RDL=0.010		ug/L	
			Total Strontium (Sr)	2025/05/31	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/05/31	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/05/31	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/05/31	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/05/31	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/05/31	ND, RDL=2.0		ug/L	
			Total Uranium (U)	2025/05/31	ND, RDL=0.0050		ug/L	
			Total Vanadium (V)	2025/05/31	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/05/31	ND, RDL=1.0		ug/L	
			Total Zirconium (Zr)	2025/05/31	ND, RDL=0.10		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
B967312	MEM	RPD [DLV128-08]	Total Aluminum (Al)	2025/06/02	3.7		%	20
			Total Antimony (Sb)	2025/06/02	4.5		%	20
			Total Arsenic (As)	2025/06/02	2.4		%	20
			Total Barium (Ba)	2025/06/02	1.2		%	20
			Total Beryllium (Be)	2025/06/02	NC		%	20
			Total Bismuth (Bi)	2025/06/02	NC		%	20
			Total Boron (B)	2025/06/02	NC		%	20
			Total Cadmium (Cd)	2025/06/02	NC		%	20
			Total Cesium (Cs)	2025/06/02	NC		%	20
			Total Chromium (Cr)	2025/06/02	NC		%	20
			Total Cobalt (Co)	2025/06/02	4.5		%	20
			Total Copper (Cu)	2025/06/02	5.4		%	20
			Total Iron (Fe)	2025/06/02	8.9		%	20
			Total Lead (Pb)	2025/06/02	NC		%	20
			Total Lithium (Li)	2025/06/02	0.43		%	20
			Total Manganese (Mn)	2025/06/02	7.3		%	20
			Total Molybdenum (Mo)	2025/06/02	0.49		%	20
			Total Nickel (Ni)	2025/06/02	NC		%	20
			Total Phosphorus (P)	2025/06/02	6.6		%	20
			Total Rubidium (Rb)	2025/06/02	2.7		%	20
			Total Selenium (Se)	2025/06/02	NC		%	20
			Total Silicon (Si)	2025/06/02	0.16		%	20
			Total Silver (Ag)	2025/06/02	NC		%	20
			Total Strontium (Sr)	2025/06/02	2.1		%	20
			Total Tellurium (Te)	2025/06/02	NC		%	20
			Total Thallium (Tl)	2025/06/02	4.9		%	20
			Total Thorium (Th)	2025/06/02	NC		%	20
			Total Tin (Sn)	2025/06/02	NC		%	20
			Total Titanium (Ti)	2025/06/02	NC		%	20
			Total Uranium (U)	2025/06/02	2.3		%	20
			Total Vanadium (V)	2025/06/02	5.8		%	20
			Total Zinc (Zn)	2025/06/02	6.0		%	20
			Total Zirconium (Zr)	2025/06/02	NC		%	20
B967548	JP1	Matrix Spike	D10-ANTHRACENE (sur.)	2025/05/30		86	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/05/30		82	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/05/30		79	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/05/30		89	%	50 - 140
			Quinoline	2025/05/30		110	%	50 - 140
			Naphthalene	2025/05/30		75	%	50 - 140
			1-Methylnaphthalene	2025/05/30		77	%	50 - 140
			2-Methylnaphthalene	2025/05/30		73	%	50 - 140
			Acenaphthylene	2025/05/30		80	%	50 - 140
			Acenaphthene	2025/05/30		76	%	50 - 140
			Fluorene	2025/05/30		88	%	50 - 140
			Phenanthrene	2025/05/30		82	%	50 - 140
			Anthracene	2025/05/30		81	%	50 - 140
			Acridine	2025/05/30		96	%	50 - 140
			Fluoranthene	2025/05/30		89	%	50 - 140
			Pyrene	2025/05/30		83	%	50 - 140
			Benzo(a)anthracene	2025/05/30		79	%	50 - 140
			Chrysene	2025/05/30		78	%	50 - 140
			Benzo(b&j)fluoranthene	2025/05/30		80	%	50 - 140
			Benzo(k)fluoranthene	2025/05/30		83	%	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
			Benzo(a)pyrene	2025/05/30		77	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/05/30		82	%	50 - 140
			Dibenz(a,h)anthracene	2025/05/30		81	%	50 - 140
			Benzo(g,h,i)perylene	2025/05/30		81	%	50 - 140
B967548	JP1	Spiked Blank	D10-ANTHRACENE (sur.)	2025/05/30		93	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/05/30		87	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/05/30		81	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/05/30		94	%	50 - 140
			Quinoline	2025/05/30		101	%	50 - 140
			Naphthalene	2025/05/30		73	%	50 - 140
			1-Methylnaphthalene	2025/05/30		75	%	50 - 140
			2-Methylnaphthalene	2025/05/30		71	%	50 - 140
			Acenaphthylene	2025/05/30		80	%	50 - 140
			Acenaphthene	2025/05/30		76	%	50 - 140
			Fluorene	2025/05/30		87	%	50 - 140
			Phenanthrene	2025/05/30		81	%	50 - 140
			Anthracene	2025/05/30		77	%	50 - 140
			Acridine	2025/05/30		87	%	50 - 140
			Fluoranthene	2025/05/30		86	%	50 - 140
			Pyrene	2025/05/30		81	%	50 - 140
			Benzo(a)anthracene	2025/05/30		77	%	50 - 140
			Chrysene	2025/05/30		76	%	50 - 140
			Benzo(b&j)fluoranthene	2025/05/30		77	%	50 - 140
			Benzo(k)fluoranthene	2025/05/30		80	%	50 - 140
			Benzo(a)pyrene	2025/05/30		75	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/05/30		78	%	50 - 140
			Dibenz(a,h)anthracene	2025/05/30		79	%	50 - 140
			Benzo(g,h,i)perylene	2025/05/30		78	%	50 - 140
B967548	JP1	Method Blank	D10-ANTHRACENE (sur.)	2025/05/30		96	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/05/30		87	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/05/30		82	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/05/30		97	%	50 - 140
			Quinoline	2025/05/30	ND, RDL=0.020		ug/L	
			Naphthalene	2025/05/30	ND, RDL=0.10		ug/L	
			1-Methylnaphthalene	2025/05/30	ND, RDL=0.050		ug/L	
			2-Methylnaphthalene	2025/05/30	ND, RDL=0.10		ug/L	
			Acenaphthylene	2025/05/30	ND, RDL=0.050		ug/L	
			Acenaphthene	2025/05/30	ND, RDL=0.050		ug/L	
			Fluorene	2025/05/30	ND, RDL=0.050		ug/L	
			Phenanthrene	2025/05/30	ND, RDL=0.050		ug/L	
			Anthracene	2025/05/30	ND, RDL=0.010		ug/L	
			Acridine	2025/05/30	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
			Fluoranthene	2025/05/30	ND, RDL=0.020		ug/L	
			Pyrene	2025/05/30	ND, RDL=0.020		ug/L	
			Benzo(a)anthracene	2025/05/30	ND, RDL=0.010		ug/L	
			Chrysene	2025/05/30	ND, RDL=0.020		ug/L	
			Benzo(b&j)fluoranthene	2025/05/30	ND, RDL=0.030		ug/L	
			Benzo(k)fluoranthene	2025/05/30	ND, RDL=0.050		ug/L	
			Benzo(a)pyrene	2025/05/30	ND, RDL=0.0050		ug/L	
			Indeno(1,2,3-cd)pyrene	2025/05/30	ND, RDL=0.050		ug/L	
			Dibenz(a,h)anthracene	2025/05/30	ND, RDL=0.0030		ug/L	
			Benzo(g,h,i)perylene	2025/05/30	ND, RDL=0.050		ug/L	
B967548	JP1	RPD	Quinoline	2025/05/31	NC		%	40
			Naphthalene	2025/05/31	NC		%	40
			1-Methylnaphthalene	2025/05/31	NC		%	40
			2-Methylnaphthalene	2025/05/31	NC		%	40
			Acenaphthylene	2025/05/31	NC		%	40
			Acenaphthene	2025/05/31	NC		%	40
			Fluorene	2025/05/31	NC		%	40
			Phenanthrene	2025/05/31	NC		%	40
			Anthracene	2025/05/31	NC		%	40
			Acridine	2025/05/31	NC		%	40
			Fluoranthene	2025/05/31	NC		%	40
			Pyrene	2025/05/31	NC		%	40
			Benzo(a)anthracene	2025/05/31	NC		%	40
			Chrysene	2025/05/31	NC		%	40
			Benzo(b&j)fluoranthene	2025/05/31	NC		%	40
			Benzo(k)fluoranthene	2025/05/31	NC		%	40
			Benzo(a)pyrene	2025/05/31	NC		%	40
			Indeno(1,2,3-cd)pyrene	2025/05/31	NC		%	40
			Dibenz(a,h)anthracene	2025/05/31	NC		%	40
			Benzo(g,h,i)perylene	2025/05/31	NC		%	40
B967556	IT1	Matrix Spike	O-TERPHENYL (sur.)	2025/05/30		100	%	60 - 140
			EPH (C10-C19)	2025/05/30		77	%	60 - 140
			EPH (C19-C32)	2025/05/30		102	%	60 - 140
B967556	IT1	Spiked Blank	O-TERPHENYL (sur.)	2025/05/30		103	%	60 - 140
			EPH (C10-C19)	2025/05/30		79	%	70 - 130
			EPH (C19-C32)	2025/05/30		108	%	70 - 130
B967556	IT1	Method Blank	O-TERPHENYL (sur.)	2025/05/30		108	%	60 - 140
			EPH (C10-C19)	2025/05/30	ND, RDL=0.20		mg/L	
			EPH (C19-C32)	2025/05/30	ND, RDL=0.20		mg/L	
B967556	IT1	RPD	EPH (C10-C19)	2025/05/30	NC		%	30
			EPH (C19-C32)	2025/05/30	NC		%	30

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B967854	SOM	Matrix Spike	Bromide (Br)	2025/05/30		97	%	78 - 120
B967854	SOM	Spiked Blank	Bromide (Br)	2025/05/30		93	%	80 - 120
B967854	SOM	Method Blank	Bromide (Br)	2025/05/30	ND, RDL=0.010		mg/L	
B967854	SOM	RPD	Bromide (Br)	2025/05/30	0.38		%	20
B967978	MEM	Matrix Spike	Dissolved Aluminum (Al)	2025/05/31		96	%	80 - 120
			Dissolved Antimony (Sb)	2025/05/31		NC	%	80 - 120
			Dissolved Arsenic (As)	2025/05/31		103	%	80 - 120
			Dissolved Barium (Ba)	2025/05/31		100	%	80 - 120
			Dissolved Beryllium (Be)	2025/05/31		93	%	80 - 120
			Dissolved Bismuth (Bi)	2025/05/31		96	%	80 - 120
			Dissolved Boron (B)	2025/05/31		101	%	80 - 120
			Dissolved Cadmium (Cd)	2025/05/31		99	%	80 - 120
			Dissolved Cesium (Cs)	2025/05/31		97	%	80 - 120
			Dissolved Chromium (Cr)	2025/05/31		98	%	80 - 120
			Dissolved Cobalt (Co)	2025/05/31		95	%	80 - 120
			Dissolved Copper (Cu)	2025/05/31		90	%	80 - 120
			Dissolved Iron (Fe)	2025/05/31		102	%	80 - 120
			Dissolved Lead (Pb)	2025/05/31		99	%	80 - 120
			Dissolved Lithium (Li)	2025/05/31		102	%	80 - 120
			Dissolved Manganese (Mn)	2025/05/31		NC	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/05/31		NC	%	80 - 120
			Dissolved Nickel (Ni)	2025/05/31		91	%	80 - 120
			Dissolved Phosphorus (P)	2025/05/31		100	%	80 - 120
			Dissolved Rubidium (Rb)	2025/05/31		NC	%	80 - 120
			Dissolved Selenium (Se)	2025/05/31		100	%	80 - 120
			Dissolved Silicon (Si)	2025/05/31		100	%	80 - 120
			Dissolved Silver (Ag)	2025/05/31		101	%	80 - 120
			Dissolved Strontium (Sr)	2025/05/31		NC	%	80 - 120
			Dissolved Tellurium (Te)	2025/05/31		92	%	80 - 120
			Dissolved Thallium (Tl)	2025/05/31		100	%	80 - 120
			Dissolved Thorium (Th)	2025/05/31		112	%	80 - 120
			Dissolved Tin (Sn)	2025/05/31		101	%	80 - 120
			Dissolved Titanium (Ti)	2025/05/31		102	%	80 - 120
			Dissolved Uranium (U)	2025/05/31		134 (1)	%	80 - 120
			Dissolved Vanadium (V)	2025/05/31		101	%	80 - 120
			Dissolved Zinc (Zn)	2025/05/31		88	%	80 - 120
			Dissolved Zirconium (Zr)	2025/05/31		107	%	80 - 120
B967978	MEM	Spiked Blank	Dissolved Aluminum (Al)	2025/05/31		100	%	80 - 120
			Dissolved Antimony (Sb)	2025/05/31		103	%	80 - 120
			Dissolved Arsenic (As)	2025/05/31		105	%	80 - 120
			Dissolved Barium (Ba)	2025/05/31		103	%	80 - 120
			Dissolved Beryllium (Be)	2025/05/31		104	%	80 - 120
			Dissolved Bismuth (Bi)	2025/05/31		101	%	80 - 120
			Dissolved Boron (B)	2025/05/31		108	%	80 - 120
			Dissolved Cadmium (Cd)	2025/05/31		104	%	80 - 120
			Dissolved Cesium (Cs)	2025/05/31		101	%	80 - 120
			Dissolved Chromium (Cr)	2025/05/31		104	%	80 - 120
			Dissolved Cobalt (Co)	2025/05/31		104	%	80 - 120
			Dissolved Copper (Cu)	2025/05/31		103	%	80 - 120
			Dissolved Iron (Fe)	2025/05/31		105	%	80 - 120
			Dissolved Lead (Pb)	2025/05/31		102	%	80 - 120
			Dissolved Lithium (Li)	2025/05/31		107	%	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
			Dissolved Manganese (Mn)	2025/05/31		103	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/05/31		104	%	80 - 120
			Dissolved Nickel (Ni)	2025/05/31		103	%	80 - 120
			Dissolved Phosphorus (P)	2025/05/31		102	%	80 - 120
			Dissolved Rubidium (Rb)	2025/05/31		109	%	80 - 120
			Dissolved Selenium (Se)	2025/05/31		103	%	80 - 120
			Dissolved Silicon (Si)	2025/05/31		104	%	80 - 120
			Dissolved Silver (Ag)	2025/05/31		102	%	80 - 120
			Dissolved Strontium (Sr)	2025/05/31		103	%	80 - 120
			Dissolved Tellurium (Te)	2025/05/31		103	%	80 - 120
			Dissolved Thallium (Tl)	2025/05/31		101	%	80 - 120
			Dissolved Thorium (Th)	2025/05/31		108	%	80 - 120
			Dissolved Tin (Sn)	2025/05/31		104	%	80 - 120
			Dissolved Titanium (Ti)	2025/05/31		103	%	80 - 120
			Dissolved Uranium (U)	2025/05/31		109	%	80 - 120
			Dissolved Vanadium (V)	2025/05/31		105	%	80 - 120
			Dissolved Zinc (Zn)	2025/05/31		106	%	80 - 120
			Dissolved Zirconium (Zr)	2025/05/31		101	%	80 - 120
B967978	MEM	Method Blank	Dissolved Aluminum (Al)	2025/05/31	ND, RDL=0.50		ug/L	
			Dissolved Antimony (Sb)	2025/05/31	ND, RDL=0.020		ug/L	
			Dissolved Arsenic (As)	2025/05/31	ND, RDL=0.020		ug/L	
			Dissolved Barium (Ba)	2025/05/31	ND, RDL=0.020		ug/L	
			Dissolved Beryllium (Be)	2025/05/31	ND, RDL=0.010		ug/L	
			Dissolved Bismuth (Bi)	2025/05/31	ND, RDL=0.0050		ug/L	
			Dissolved Boron (B)	2025/05/31	ND, RDL=10		ug/L	
			Dissolved Cadmium (Cd)	2025/05/31	ND, RDL=0.0050		ug/L	
			Dissolved Cesium (Cs)	2025/05/31	ND, RDL=0.050		ug/L	
			Dissolved Chromium (Cr)	2025/05/31	ND, RDL=0.10		ug/L	
			Dissolved Cobalt (Co)	2025/05/31	ND, RDL=0.0050		ug/L	
			Dissolved Copper (Cu)	2025/05/31	ND, RDL=0.050		ug/L	
			Dissolved Iron (Fe)	2025/05/31	ND, RDL=1.0		ug/L	
			Dissolved Lead (Pb)	2025/05/31	ND, RDL=0.0050		ug/L	
			Dissolved Lithium (Li)	2025/05/31	ND, RDL=0.50		ug/L	
			Dissolved Manganese (Mn)	2025/05/31	ND, RDL=0.050		ug/L	
			Dissolved Molybdenum (Mo)	2025/05/31	ND, RDL=0.050		ug/L	
			Dissolved Nickel (Ni)	2025/05/31	ND, RDL=0.020		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
			Dissolved Phosphorus (P)	2025/05/31	ND, RDL=2.0		ug/L	
			Dissolved Rubidium (Rb)	2025/05/31	ND, RDL=0.050		ug/L	
			Dissolved Selenium (Se)	2025/05/31	ND, RDL=0.040		ug/L	
			Dissolved Silicon (Si)	2025/05/31	ND, RDL=50		ug/L	
			Dissolved Silver (Ag)	2025/05/31	ND, RDL=0.0050		ug/L	
			Dissolved Strontium (Sr)	2025/05/31	ND, RDL=0.050		ug/L	
			Dissolved Tellurium (Te)	2025/05/31	ND, RDL=0.020		ug/L	
			Dissolved Thallium (Tl)	2025/05/31	ND, RDL=0.0020		ug/L	
			Dissolved Thorium (Th)	2025/05/31	ND, RDL=0.050		ug/L	
			Dissolved Tin (Sn)	2025/05/31	ND, RDL=0.20		ug/L	
			Dissolved Titanium (Ti)	2025/05/31	ND, RDL=0.50		ug/L	
			Dissolved Uranium (U)	2025/05/31	ND, RDL=0.0020		ug/L	
			Dissolved Vanadium (V)	2025/05/31	ND, RDL=0.20		ug/L	
			Dissolved Zinc (Zn)	2025/05/31	ND, RDL=0.10		ug/L	
			Dissolved Zirconium (Zr)	2025/05/31	ND, RDL=0.10		ug/L	
B967978	MEM	RPD	Dissolved Aluminum (Al)	2025/05/31	7.6		%	20
			Dissolved Antimony (Sb)	2025/05/31	0.36		%	20
			Dissolved Arsenic (As)	2025/05/31	0.59		%	20
			Dissolved Barium (Ba)	2025/05/31	0.60		%	20
			Dissolved Beryllium (Be)	2025/05/31	NC		%	20
			Dissolved Bismuth (Bi)	2025/05/31	NC		%	20
			Dissolved Boron (B)	2025/05/31	1.8		%	20
			Dissolved Cadmium (Cd)	2025/05/31	NC		%	20
			Dissolved Chromium (Cr)	2025/05/31	11		%	20
			Dissolved Cobalt (Co)	2025/05/31	1.1		%	20
			Dissolved Copper (Cu)	2025/05/31	NC		%	20
			Dissolved Iron (Fe)	2025/05/31	2.4		%	20
			Dissolved Lead (Pb)	2025/05/31	1.6		%	20
			Dissolved Lithium (Li)	2025/05/31	0.14		%	20
			Dissolved Manganese (Mn)	2025/05/31	0.55		%	20
			Dissolved Molybdenum (Mo)	2025/05/31	0.70		%	20
			Dissolved Nickel (Ni)	2025/05/31	1.4		%	20
			Dissolved Selenium (Se)	2025/05/31	2.5		%	20
			Dissolved Silicon (Si)	2025/05/31	0.25		%	20
			Dissolved Silver (Ag)	2025/05/31	NC		%	20
			Dissolved Strontium (Sr)	2025/05/31	0.62		%	20
			Dissolved Thallium (Tl)	2025/05/31	2.2		%	20
			Dissolved Tin (Sn)	2025/05/31	NC		%	20
			Dissolved Titanium (Ti)	2025/05/31	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
			Dissolved Uranium (U)	2025/05/31	3.5		%	20
			Dissolved Vanadium (V)	2025/05/31	NC		%	20
			Dissolved Zinc (Zn)	2025/05/31	1.2		%	20
			Dissolved Zirconium (Zr)	2025/05/31	NC		%	20
B968077	CJY	Matrix Spike [DLV134-12]	Dissolved Fluoride (F)	2025/05/30		94	%	80 - 120
B968077	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/05/30		98	%	80 - 120
B968077	CJY	Method Blank	Dissolved Fluoride (F)	2025/05/30	ND, RDL=0.050		mg/L	
B968077	CJY	RPD [DLV133-12]	Dissolved Fluoride (F)	2025/05/30	NC		%	20
B968129	CJY	Matrix Spike	Dissolved Fluoride (F)	2025/05/30		102	%	80 - 120
B968129	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/05/30		99	%	80 - 120
B968129	CJY	Method Blank	Dissolved Fluoride (F)	2025/05/30	ND, RDL=0.050		mg/L	
B968129	CJY	RPD	Dissolved Fluoride (F)	2025/05/30	NC		%	20
B968308	CJY	Matrix Spike	Dissolved Fluoride (F)	2025/05/30		102	%	80 - 120
B968308	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/05/30		100	%	80 - 120
B968308	CJY	Method Blank	Dissolved Fluoride (F)	2025/05/30	ND, RDL=0.050		mg/L	
B968308	CJY	RPD	Dissolved Fluoride (F)	2025/05/30	NC		%	20
B968493	TSO	Matrix Spike [DLV131-09]	Total Ammonia (N)	2025/06/02		100	%	80 - 120
B968493	TSO	Spiked Blank	Total Ammonia (N)	2025/06/02		102	%	80 - 120
B968493	TSO	Method Blank	Total Ammonia (N)	2025/06/02	ND, RDL=0.015		mg/L	
B968493	TSO	RPD [DLV131-09]	Total Ammonia (N)	2025/06/02	2.3		%	20
B968609	CBK	Matrix Spike	Total Organic Carbon (C)	2025/05/30		98	%	80 - 120
B968609	CBK	Spiked Blank	Total Organic Carbon (C)	2025/05/30		99	%	80 - 120
B968609	CBK	Method Blank	Total Organic Carbon (C)	2025/05/30	ND, RDL=0.50		mg/L	
B968609	CBK	RPD	Total Organic Carbon (C)	2025/05/30	NC		%	20
B969996	AAX	Matrix Spike	Methyl Sulfone (sur.)	2025/06/02		90	%	50 - 140
			Ethylene Glycol	2025/06/02		90	%	60 - 140
			Diethylene Glycol	2025/06/02		109	%	60 - 140
			Triethylene Glycol	2025/06/02		102	%	60 - 140
			Propylene Glycol	2025/06/02		95	%	60 - 140
B969996	AAX	Spiked Blank	Methyl Sulfone (sur.)	2025/06/02		91	%	50 - 140
			Ethylene Glycol	2025/06/02		86	%	70 - 130
			Diethylene Glycol	2025/06/02		105	%	70 - 130
			Triethylene Glycol	2025/06/02		98	%	70 - 130
			Propylene Glycol	2025/06/02		92	%	70 - 130
B969996	AAX	Method Blank	Methyl Sulfone (sur.)	2025/06/02		85	%	50 - 140
			Ethylene Glycol	2025/06/02	ND, RDL=3.0		mg/L	
			Diethylene Glycol	2025/06/02	ND, RDL=5.0		mg/L	
			Triethylene Glycol	2025/06/02	ND, RDL=5.0		mg/L	
			Propylene Glycol	2025/06/02	ND, RDL=5.0		mg/L	
B969996	AAX	RPD	Ethylene Glycol	2025/06/02	NC		%	30
			Diethylene Glycol	2025/06/02	NC		%	30
			Triethylene Glycol	2025/06/02	NC		%	30
			Propylene Glycol	2025/06/02	NC		%	30
B970315	NJD	Matrix Spike [DLV134-04]	Total Sulphide	2025/06/02		102	%	80 - 120

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B970315	NJD	Spiked Blank	Total Sulphide	2025/06/02		100	%	80 - 120
B970315	NJD	Method Blank	Total Sulphide	2025/06/02	ND, RDL=0.0018		mg/L	
B970315	NJD	RPD [DLV130-04]	Total Sulphide	2025/06/02	NC		%	20
B970391	BTM	Matrix Spike [DLV134-11]	Total Dissolved Solids	2025/06/03		101	%	80 - 120
B970391	BTM	Spiked Blank	Total Dissolved Solids	2025/06/03		102	%	80 - 120
B970391	BTM	Method Blank	Total Dissolved Solids	2025/06/03	ND, RDL=10		mg/L	
B970391	BTM	RPD	Total Dissolved Solids	2025/06/03	9.6		%	20
B970524	CBK	Matrix Spike	Dissolved Organic Carbon (C)	2025/06/02		104	%	80 - 120
B970524	CBK	Spiked Blank	Dissolved Organic Carbon (C)	2025/06/02		98	%	80 - 120
B970524	CBK	Method Blank	Dissolved Organic Carbon (C)	2025/06/02	ND, RDL=0.50		mg/L	
B970524	CBK	RPD	Dissolved Organic Carbon (C)	2025/06/02	NC		%	20
B970642	IC4	Matrix Spike	Total Mercury (Hg)	2025/06/02		94	%	80 - 120
B970642	IC4	Spiked Blank	Total Mercury (Hg)	2025/06/02		92	%	80 - 120
B970642	IC4	Method Blank	Total Mercury (Hg)	2025/06/02	ND, RDL=0.0019		ug/L	
B970642	IC4	RPD	Total Mercury (Hg)	2025/06/02	NC		%	20
B970790	MDO	Matrix Spike [DLV129-16]	Phenols	2025/06/02		106	%	80 - 120
B970790	MDO	Spiked Blank	Phenols	2025/06/02		104	%	80 - 120
B970790	MDO	Method Blank	Phenols	2025/06/02	ND, RDL=0.0015		mg/L	
B970790	MDO	RPD [DLV129-16]	Phenols	2025/06/02	NC		%	20
B971039	IC4	Matrix Spike	Dissolved Mercury (Hg)	2025/06/03		103	%	80 - 120
B971039	IC4	Spiked Blank	Dissolved Mercury (Hg)	2025/06/03		110	%	80 - 120
B971039	IC4	Method Blank	Dissolved Mercury (Hg)	2025/06/03	ND, RDL=0.0019		ug/L	
B971039	IC4	RPD	Dissolved Mercury (Hg)	2025/06/03	15		%	20
B971182	CBK	Spiked Blank	Dissolved Organic Carbon (C)	2025/06/03		99	%	80 - 120
B971182	CBK	Method Blank	Dissolved Organic Carbon (C)	2025/06/03	ND, RDL=0.50		mg/L	
B971792	GCM	Matrix Spike [DLV133-09]	Total Phosphorus (P)	2025/06/04		92	%	N/A
B971792	GCM	Spiked Blank	Total Phosphorus (P)	2025/06/04		114	%	80 - 120
B971792	GCM	Method Blank	Total Phosphorus (P)	2025/06/04	ND, RDL=0.0010		mg/L	
B971792	GCM	RPD [DLV133-09]	Total Phosphorus (P)	2025/06/04	11		%	20
B971856	TSO	Matrix Spike [DLV133-09]	Total Nitrogen (N)	2025/06/04		103	%	80 - 120
B971856	TSO	Spiked Blank	Total Nitrogen (N)	2025/06/04		100	%	80 - 120
B971856	TSO	Method Blank	Total Nitrogen (N)	2025/06/04	ND, RDL=0.020		mg/L	
B971856	TSO	RPD [DLV133-09]	Total Nitrogen (N)	2025/06/04	NC		%	20
B972060	JLP	Matrix Spike	Chloride (Cl)	2025/06/03		NC	%	80 - 120
			Sulphate (SO4)	2025/06/03		NC	%	80 - 120
B972060	JLP	Spiked Blank	Chloride (Cl)	2025/06/03		102	%	80 - 120
			Sulphate (SO4)	2025/06/03		97	%	80 - 120
B972060	JLP	Method Blank	Chloride (Cl)	2025/06/03	ND, RDL=1.0		mg/L	
			Sulphate (SO4)	2025/06/03	ND, RDL=1.0		mg/L	
B972060	JLP	RPD	Chloride (Cl)	2025/06/03	7.4		%	20
			Sulphate (SO4)	2025/06/03	3.8		%	20
B972711	CBK	Spiked Blank	Dissolved Organic Carbon (C)	2025/06/03		105	%	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
B972711	CBK	Method Blank	Dissolved Organic Carbon (C)	2025/06/03	ND, RDL=0.50		mg/L	

N/A = Not Applicable

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

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

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

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

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

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

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

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

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

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

Elizabeth Chacko, Senior Analyst, Organics

Levi Manchak, Project Manager SR

Mauro Oselin, P.Chem., QP, Scientific Specialist

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

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

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

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

C548205
2025/05/27 17:31

eCOC: W105332

Expected TAT:	Standard TAT
Expected Arrival:	2025/05/27 17:00
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
200-850 Harbourside Dr
North Vancouver , BC , V7P 0A3
Email to:
jchoyce@hatfieldgroup.com
rmaharaj@hatfieldgroup.com
mwhelly@hatfieldgroup.com

Project Information

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

Analytical Summary

A: Standard TAT

Client Sample ID	Clnt Ref	Sampling Date/Time	Matrix	#Cont	Woodfibre 2025	Woodfibre Additional 2025	Woodfibre Blank 2025	Set Number
WLNG-DS	1	2025/05/27 10:11	WATER	15	A			1
WLNG-EOP	2	2025/05/27 09:47	WATER	19	A	A		2
WLNG-US	3	2025/05/27 09:12	WATER	15	A			1
SQRI-US	4	2025/05/27 14:06	WATER	15	A			1
SQRI-DS	5	2025/05/27 14:30	WATER	15	A			1
Field Blank	6	2025/05/27	WATER	15			A	3
Trip Blank	7	2025/05/27	WATER	15			A	3

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

Submission Information

# of Samples: 7

Details:
WLNG-DS: pH 7.3, Temp 10.9oC, DO 4.74 (mg/L)
WLNG-EOP: pH 6.92, Temp 11.3oC, DO 3.32 (mg/L)
WLNG-US: pH 6.32, Temp 10.6oC, DO 2.51 (mg/L)
SQU-US: pH 6.27, Temp 10.6oC
SQU-DS pH 6.60, Temp 10.4oC

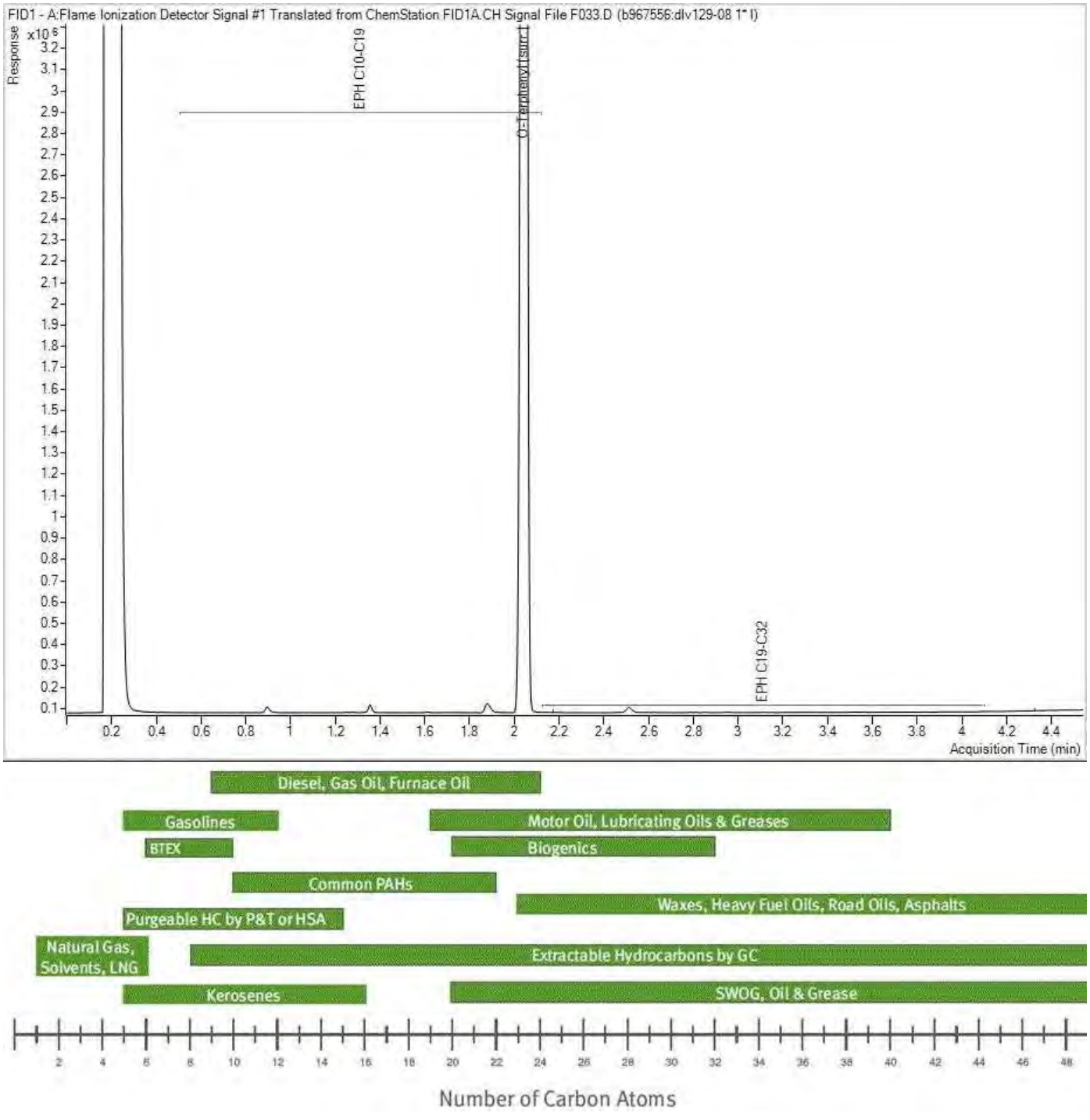
Received by Ashish Thomas Varghese
2025/05/27 17:31
Temps:- 19,18,17 / 17,14,14

MVAN-2025-05-1960

Bureau Veritas Job #: C548205
Report Date: 2025/06/04
Bureau Veritas Sample: DLV129

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Reference: WOODFIBRE PIPELINE PROJECT
Client ID: WLNG -EOP

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: W105332

Project Information:	C548205
Job Received:	2025/05/27 17:31
Expected TAT:	Standard TAT
Expected Arrival:	2025/05/27 17:00
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
200-850 Harbourside Dr
North Vancouver , BC , V7P 0A3
Email to:
jchoyce@hatfieldgroup.com
rmaharaj@hatfieldgroup.com
mwhelly@hatfieldgroup.com

Project Information

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

Analytical Summary

A: Standard TAT

Client Sample ID	Clnt Ref	Sampling Date/Time	Matrix	#Cont	Woodfibre 2025	Woodfibre Additional 2025	Woodfibre Blank 2025	Set Number
WLNG-DS	1	2025/05/27 10:11	WATER	15	A			1
WLNG -EOP	2	2025/05/27 09:47	WATER	19	A	A		2
WLNG-US	3	2025/05/27 09:12	WATER	15	A			1
SQRI-US	4	2025/05/27 14:06	WATER	15	A			1
SQRI-DS	5	2025/05/27 14:30	WATER	15	A			1
Field Blank	6	2025/05/27	WATER	15			A	3
Trip Blank	7	2025/05/27	WATER	15			A	3

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

Submission Information

# of Samples: 7

Details:
WLNG-DS: pH 7.3, Temp 10.9oC, DO 4.74 (mg/L)
WLNG-EOP: pH 6.92, Temp 11.3oC, DO 3.32 (mg/L)
WLNG-US: pH 6.32, Temp 10.6oC, DO 2.51 (mg/L)
SQU-US: pH 6.27, Temp 10.6oC
SQU-DS pH 6.60, Temp 10.4oC

eCOC: W105332

Project Information:	C548205
Job Received:	2025/05/27 17:31
Expected TAT:	Standard TAT
Expected Arrival:	2025/05/27 17:00
Submitted By:	Jennifer Choyce
Submitted To:	Burnaby ENV: 4606 Canada Way

Sample Set Listing

Set 1 (4 samples)	Set 2 (1 sample)	Set 3 (2 samples)
WLNG-DS	WLNG -EOP	Field Blank
WLNG-US		Trip Blank
SQRI-US		
SQRI-DS		