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	2025-07-29	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	2025-07-29	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. Turbidity reported at 0 NTU (suspect malfunctioning probe) suddenly from July 30 at 23:45 to July 31 at 14:45 when it jumped back up to 143 NTU.

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.
- The D-Cu concentration from the sample at WLNG EOP on July 29 (0.00234 mg/L) was above the BC short-term WQGPAL (freshwater) of 0.00020 mg/L by a factor of 11.7 times. Despite the D-Cu concentration at EOP being 4 to 9x higher than the upstream concentration, the downstream station had the lowest D-Cu concentration (only 65% of the upstream concentration). The results suggest variability in EOP discharge concentrations, or possibly surface flows or groundwater input entering lower East Creek between the EOP discharge and the WLNG DS station.
    - D-Cu concentrations were also above the BC short-term WQGPAL at both WLNG US (0.000579 mg/L) and at WLNG DS (0.000380 mg/L), by factors of 1.93x and 1.9x, respectively.
    - The BC WQGPAL is derived with an uncertainty factor of 2. The results indicate there is naturally elevated copper upstream, but the effluent exceeded this value during monitoring. However, the resulting concentration downstream is lower than upstream concentrations and within the range of the uncertainty factor associated with the guideline.
    - Therefore, the results suggest that D-Cu in the EOP sample did not result in concentrations that would be expected to elicit adverse effects on aquatic life at the EAS-DS station.
- Field pH was 6.32 which was lower than the recommended range of 6.5 to 9 for the BC WQGPAL for freshwater aquatic life. Of note, the field pH upstream at WLNG-US was 6.39, similar to the EOP reading and also slightly below the BC WQGPAL. The field pH at WLNG-DS was 6.76, which is compliant with the WQGPAL for freshwater but below the range for protection of marine life (pH 7 to 8.7). However, these field pH readings were not validated by the laboratory pH readings, which may suggest an issue with the field meter. The continuous discharge data could be reviewed in order to verify the accuracy of this field pH reading and to confirm whether this is a reportable exceedance event.

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	2025-07-28	Yes-Appendix C	2,201 m^3
Woodfibre	2025-07-29	Yes-Appendix C	2,186 m^3
Woodfibre	2025-07-30	Yes-Appendix C	2,086 m^3
Woodfibre	2025-07-31	Yes-Appendix C	2,173 m^3
Woodfibre	2025-08-01	Yes-Appendix C	2,290 m^3
Woodfibre	2025-08-02	Yes-Appendix C	2,475 m^3
Woodfibre	2025-08-03	Yes-Appendix C	2,476 m^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	2025-07-29	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	2025-07-29	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).

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

BCR Site Batch Sample Analysis

No Discharges

BCR Site WTP Discharge Field Notes and Logs
No Discharges

Appendix B: BCR Site Receiving Environment Documentation

BCR Site Receiving Environment Sample Analysis

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [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 2025-07-29 13:18:00** [3]	**SQU DS 2025-07-29 13:42:00** [3]
In situ Parameters									
Field pH	**pH Units**	6.5 - 9			7 - 8.7			**6.69**	**6.62**
Field Temperature	**°C**	18	19					15	15.3
General Parameters									
pH	**pH Units**							6.86	6.78
Alkalinity (Total as $CaCO_3$)	**mg/L**							9.5	8.2
Alkalinity (PP as $CaCO_3$)	**mg/L**							<1	<1
Hardness ($CaCO_3$)-Total	**mg/L**							16	14.7
Hardness ($CaCO_3$)-Dissolved	**mg/L**							10	9.16
Sulphide-Total	**mg/L**							0.0069	0.0073
Sulphide (as H_2S)	**mg/L**			0.002				**0.0073**	**0.0078**
Un-ionized Hydrogen Sulfide as H_2S-Total	**mg/L**							0.0053	0.0059
Un-ionized Hydrogen Sulfide as S-Total	**mg/L**							0.005	0.0055
Anions and Nutrients									
Ammonia (N)-Total	**mg/L**	1.64	22.8		14	92		0.029	0.019
Bicarbonate (HCO_3)	**mg/L**							12	10
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**							0.099	0.049
Phosphorus (P)-Total (4500-P)	**mg/L**							0.16	0.15
Bromide (Br)	**mg/L**							<0.01	<0.01
Chloride (Cl)	**mg/L**	150	600					1.1	<1
Fluoride (F)	**mg/L**		0.563			1.5		<0.05	<0.05
Sulphate (SO_4)-Dissolved	**mg/L**	128						2.6	2.5

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 2025-07-29 13:18:00** [3]	**SQU DS 2025-07-29 13:42:00** [3]
Total Metals									
Aluminum (Al)-Total	**mg/L**	0.016585						**2.64**	**2.32**
Antimony (Sb)-Total	**mg/L**	0.074	0.25					<0.00002	<0.00002
Arsenic (As)-Total	**mg/L**	0.005			0.0125			0.00028	0.000274
Barium (Ba)-Total	**mg/L**			1				0.0396	0.039
Beryllium (Be)-Total	**mg/L**			0.00013			0.1	0.000026	0.000038
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	0.0000104	0.0000157
Calcium (Ca)-Total	**mg/L**							4.27	3.86
Cesium (Cs)-Total	**mg/L**							0.000114	0.000097
Chromium (Cr)-Total	**mg/L**							0.00096	0.0009
Chromium (Cr III)-Total	**mg/L**			0.0089			0.056	<0.00099	<0.00099
Chromium (Cr VI)-Total	**mg/L**			0.0025			0.0015	<0.00099	<0.00099
Cobalt (Co)-Total	**mg/L**							0.000965	0.000979
Copper (Cu)-Total	**mg/L**				0.002	0.003		**0.00384**	**0.00384**
Iron (Fe)-Total	**mg/L**		1					**1.97**	**1.96**
Lead (Pb)-Total	**mg/L**				0.002	0.14		0.000391	0.000371
Lithium (Li)-Total	**mg/L**							0.00218	0.00193
Magnesium (Mg)-Total	**mg/L**							1.28	1.22
Manganese (Mn)-Total	**mg/L**	0.67	0.702				0.1	0.0592	0.059
Mercury (Hg)-Total	**mg/L**	0.00002			0.00002			0.0000027	0.0000038
Molybdenum (Mo)-Total	**mg/L**	7.6	46					0.000384	0.000392
Nickel (Ni)-Total	**mg/L**						0.0083	0.00114	0.0012
Phosphorus (P)-Total (ICPMS)	**mg/L**							0.151	0.135
Potassium (K)-Total	**mg/L**							1.16	1.11
Rubidium (Rb)-Total	**mg/L**							0.00327	0.00326
Selenium (Se)-Total	**mg/L**	0.002			0.002			<0.00004	<0.00004
Silicon (Si)-Total	**mg/L**							6.21	5.34
Silver (Ag)-Total	**mg/L**	0.00012			0.0005	0.0037	0.0005	<0.00001	<0.00001
Sodium (Na)-Total	**mg/L**							1.65	1.42
Strontium (Sr)-Total	**mg/L**							0.0386	0.0335
Sulphur (S)-Total	**mg/L**							<3	<3
Tellurium (Te)-Total	**mg/L**							<0.00002	<0.00002
Thallium (Tl)-Total	**mg/L**			0.00003				0.0000217	0.0000217
Thorium (Th)-Total	**mg/L**							0.000107	0.000109
Tin (Sn)-Total	**mg/L**							<0.0002	<0.0002
Titanium (Ti)-Total	**mg/L**							0.12	0.116
Uranium (U)-Total	**mg/L**		0.0165	0.0075				0.0000664	0.0000703
Vanadium (V)-Total	**mg/L**			0.06			0.005	**0.0051**	0.00494
Zinc (Zn)-Total	**mg/L**				0.01	0.055		0.0065	0.0081
Zirconium (Zr)-Total	**mg/L**							0.00041	0.00034

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 2025-07-29 13:18:00 [3]**	**SQU DS 2025-07-29 13:42:00 [3]**
Dissolved Metals									
Aluminum (Al)-Dissolved	**mg/L**							0.0298	0.0287
Antimony (Sb)-Dissolved	**mg/L**							<0.00002	<0.00002
Arsenic (As)-Dissolved	**mg/L**							0.000126	0.000115
Barium (Ba)-Dissolved	**mg/L**							0.00424	0.00446
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**	0.000052	0.000082					<0.000005	<0.000005
Calcium (Ca)-Dissolved	**mg/L**							3.37	3.1
Cesium (Cs)-Dissolved	**mg/L**							<0.00005	<0.00005
Chromium (Cr)-Dissolved	**mg/L**							<0.0001	<0.0001
Cobalt (Co)-Dissolved	**mg/L**	0.000389						0.0000368	0.0000361
Copper (Cu)-Dissolved	**mg/L**	0.0002	0.0002					**0.000308**	**0.000325**
Iron (Fe)-Dissolved	**mg/L**		0.35					0.0221	0.0206
Lead (Pb)-Dissolved	**mg/L**	0.00098						0.0000093	0.0000121
Lithium (Li)-Dissolved	**mg/L**							0.00071	0.00067
Manganese (Mn)-Dissolved	**mg/L**							0.00916	0.0092
Magnesium (Mg)-Dissolved	**mg/L**							0.385	0.346
Mercury (Hg)-Dissolved	**mg/L**							<0.0000019	<0.0000019
Molybdenum (Mo)-Dissolved	**mg/L**							0.00043	0.000366
Nickel (Ni)-Dissolved	**mg/L**	0.0005	0.009					0.000101	0.000092
Phosphorus (P)-Dissolved	**mg/L**							0.0134	0.0122
Potassium (K)-Dissolved	**mg/L**							0.507	0.504
Rubidium (Rb)-Dissolved	**mg/L**							0.000814	0.000784
Selenium (Se)-Dissolved	**mg/L**							<0.00004	<0.00004
Silicon (Si)-Dissolved	**mg/L**							2.71	2.41
Silver (Ag)-Dissolved	**mg/L**							<0.000005	<0.000005
Sodium (Na)-Dissolved	**mg/L**							1.27	1.13
Strontium (Sr)-Dissolved	**mg/L**			1.25				0.0209	0.0193
Sulphur (S)-Dissolved	**mg/L**							<3	<3
Tellurium (Te)-Dissolved	**mg/L**							<0.00002	<0.00002
Thallium (Tl)-Dissolved	**mg/L**							<0.000002	<0.000002
Thorium (Th)-Dissolved	**mg/L**							<0.000005	<0.000005
Tin (Sn)-Dissolved	**mg/L**							<0.0002	<0.0002
Titanium (Ti)-Dissolved	**mg/L**							0.00102	0.00107
Uranium (U)-Dissolved	**mg/L**							0.0000125	0.0000117
Vanadium (V)-Dissolved	**mg/L**							0.00098	0.00082
Zinc (Zn)-Dissolved	**mg/L**	0.003285	0.006817					0.00019	0.00061
Zirconium (Zr)-Dissolved	**mg/L**							<0.0001	<0.0001

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 2025-07-29 13:18:00** [3]	**SQU DS 2025-07-29 13:42:00** [3]
Inorganics									
Organic Carbon (C)-Total	**mg/L**							0.63	0.69
Organic Carbon (C)-Dissolved	**mg/L**							<0.5	0.53
Solids-Total Dissolved	**mg/L**							<10	<10
Solids-Total Suspended	**mg/L**	135	155					130	**150**

[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

Project: FORTIS11234

Location Information

Site ID:	SQU DS	**Date:**	July 29, 2025
Site Name:	Squamish River	**Time:**	13:42
Site UTM: Zone:	E:	**Crew:**	WS
(NAD83)	N:	**Weather:**	Clear

In Situ Parameters

pH:	6.62	DO:	N/A (mg/L)
Temp.:	15.3 (°C)	Cond:	43 (us)
Turbidity:	138 NTU		

Visible Sheen: N

Water Surface Condition: Turbid

Photo Record

Photo

Photo

Photo

Observations

Location Information

Site ID: SQU US **Date:** July 29, 2025

Site Name: Squamish River **Time:** 13:18

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

(NAD83) N: **Weather:** Clear

In Situ Parameters

pH: 6.69 DO: N/A (mg/L)

Temp.: 15 (°C) Cond: 77 (us)

Turbidity: 132 NTU

Visible Sheen: N

Water Surface Condition: Turbid

Photo Record

Photo

Photo

Photo

Observations

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-28 00:00:00	13.34	33.88	0.35	7.16	9.43	94.17
SQU-DS	2025-07-28 00:15:00	13.31	33.75	0.35	7.06	9.43	107.96
SQU-DS	2025-07-28 00:30:00	13.27	33.60	0.34	7.15	9.44	92.94
SQU-DS	2025-07-28 00:45:00	13.23	32.98	0.35	7.12	9.43	94.17
SQU-DS	2025-07-28 01:00:00	13.19	33.18	0.35	7.09	9.46	81.55
SQU-DS	2025-07-28 01:15:00	13.15	32.42	0.35	7.04	9.46	107.80
SQU-DS	2025-07-28 01:30:00	13.09	32.22	0.35	7.10	9.47	121.07
SQU-DS	2025-07-28 01:45:00	13.03	32.14	0.35	7.13	9.47	93.56
SQU-DS	2025-07-28 02:00:00	12.98	31.56	0.35	7.07	9.50	99.04
SQU-DS	2025-07-28 02:15:00	12.92	31.74	0.35	7.11	9.51	100.43
SQU-DS	2025-07-28 02:30:00	12.87	31.22	0.35	7.12	9.53	98.58
SQU-DS	2025-07-28 02:45:00	12.81	31.16	0.35	7.12	9.53	109.99
SQU-DS	2025-07-28 03:00:00	12.75	30.78	0.35	7.12	9.54	133.77
SQU-DS	2025-07-28 03:15:00	12.69	30.77	0.35	7.11	9.55	114.27
SQU-DS	2025-07-28 03:30:00	12.60	30.38	0.36	7.07	9.57	103.00
SQU-DS	2025-07-28 03:45:00	12.51	30.44	0.36	7.00	9.59	113.25
SQU-DS	2025-07-28 04:00:00	12.42	30.06	0.36	7.02	9.61	160.31
SQU-DS	2025-07-28 04:15:00	12.32	29.54	0.36	7.04	9.64	157.64
SQU-DS	2025-07-28 04:30:00	12.23	29.29	0.36	7.04	9.65	147.76
SQU-DS	2025-07-28 04:45:00	12.14	29.45	0.36	7.00	9.67	160.72
SQU-DS	2025-07-28 05:00:00	12.06	29.16	0.37	6.99	9.69	178.55
SQU-DS	2025-07-28 05:15:00	11.98	28.79	0.36	7.05	9.72	165.16
SQU-DS	2025-07-28 05:30:00	11.90	28.61	0.36	7.06	9.74	160.30
SQU-DS	2025-07-28 05:45:00	11.84	28.47	0.36	7.09	9.76	140.13
SQU-DS	2025-07-28 06:00:00	11.77	28.32	0.36	7.11	9.78	154.62
SQU-DS	2025-07-28 06:15:00	11.71	27.88	0.36	7.07	9.79	166.48
SQU-DS	2025-07-28 06:30:00	11.66	27.56	0.36	7.03	9.81	176.59
SQU-DS	2025-07-28 06:45:00	11.61	27.90	0.36	7.06	9.83	153.69
SQU-DS	2025-07-28 07:00:00	11.57	27.39	0.37	7.05	9.84	147.67
SQU-DS	2025-07-28 07:15:00	11.54	27.40	0.36	7.10	9.86	196.59
SQU-DS	2025-07-28 07:30:00	11.51	27.48	0.37	7.12	9.87	163.87
SQU-DS	2025-07-28 07:45:00	11.50	27.59	0.37	7.08	9.88	174.37
SQU-DS	2025-07-28 08:00:00	11.49	27.29	0.37	7.12	9.88	180.07
SQU-DS	2025-07-28 08:15:00	11.49	27.20	0.36	7.10	9.90	169.40
SQU-DS	2025-07-28 08:30:00	11.50	26.99	0.37	7.12	9.92	189.57
SQU-DS	2025-07-28 08:45:00	11.52	26.86	0.37	7.10	9.92	186.85
SQU-DS	2025-07-28 09:00:00	11.54	27.40	0.37	7.07	9.92	169.97
SQU-DS	2025-07-28 09:15:00	11.59	27.56	0.36	7.09	9.91	172.88
SQU-DS	2025-07-28 09:30:00	11.64	27.41	0.36	7.07	9.92	178.34
SQU-DS	2025-07-28 09:45:00	11.70	27.03	0.36	7.10	9.91	173.29
SQU-DS	2025-07-28 10:00:00	11.77	27.45	0.36	7.09	9.92	165.46
SQU-DS	2025-07-28 10:15:00	11.84	27.38	0.36	7.05	9.91	155.58
SQU-DS	2025-07-28 10:30:00	11.93	27.16	0.36	7.05	9.91	135.16
SQU-DS	2025-07-28 10:45:00	12.01	27.31	0.36	7.05	9.89	157.11
SQU-DS	2025-07-28 11:00:00	12.11	26.88	0.36	7.07	9.91	163.84
SQU-DS	2025-07-28 11:15:00	12.20	26.84	0.33	7.09	9.90	192.38
SQU-DS	2025-07-28 11:30:00	12.28	26.97	0.35	7.04	9.92	127.31
SQU-DS	2025-07-28 11:45:00	12.37	27.02	0.35	7.10	9.90	132.70
SQU-DS	2025-07-28 12:00:00	12.46	27.04	0.35	7.09	9.89	161.87
SQU-DS	2025-07-28 12:15:00	12.55	26.84	0.35	7.09	9.90	155.28
SQU-DS	2025-07-28 12:30:00	12.65	26.80	0.35	7.06	9.89	134.26
SQU-DS	2025-07-28 12:45:00	12.73	26.97	0.36	7.08	9.88	165.97
SQU-DS	2025-07-28 13:00:00	12.85	27.27	0.36	7.07	9.86	170.66
SQU-DS	2025-07-28 13:15:00	12.96	27.44	0.36	7.09	9.83	160.38
SQU-DS	2025-07-28 13:30:00	13.08	27.70	0.36	7.11	9.84	108.95
SQU-DS	2025-07-28 13:45:00	13.20	28.09	0.36	7.08	9.82	111.14
SQU-DS	2025-07-28 14:00:00	13.30	28.57	0.36	7.12	9.82	151.98
SQU-DS	2025-07-28 14:15:00	13.39	28.85	0.36	7.11	9.80	139.47
SQU-DS	2025-07-28 14:30:00	13.49	28.98	0.36	7.11	9.78	137.27

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-28 14:45:00	13.56	29.23	0.36	7.08	9.77	102.31
SQU-DS	2025-07-28 15:00:00	13.64	29.47	0.36	7.14	9.76	136.91
SQU-DS	2025-07-28 15:15:00	13.70	29.14	0.36	7.17	9.78	132.05
SQU-DS	2025-07-28 15:30:00	13.76	29.77	0.36	7.11	9.75	99.53
SQU-DS	2025-07-28 15:45:00	13.81	29.46	0.36	7.16	9.75	120.68
SQU-DS	2025-07-28 16:00:00	13.86	29.98	0.36	7.09	9.73	113.06
SQU-DS	2025-07-28 16:15:00	13.90	30.17	0.36	7.11	9.73	106.91
SQU-DS	2025-07-28 16:30:00	13.94	30.32	0.37	7.06	9.73	104.55
SQU-DS	2025-07-28 16:45:00	13.98	30.21	0.36	7.14	9.73	121.00
SQU-DS	2025-07-28 17:00:00	14.00	30.51	0.36	7.13	9.70	90.66
SQU-DS	2025-07-28 17:15:00	14.03	30.34	0.36	7.16	9.70	97.69
SQU-DS	2025-07-28 17:30:00	14.05	30.30	0.36	7.13	9.69	91.37
SQU-DS	2025-07-28 17:45:00	14.06	30.83	0.36	7.11	9.68	114.58
SQU-DS	2025-07-28 18:00:00	14.06	30.96	0.36	7.12	9.66	114.77
SQU-DS	2025-07-28 18:15:00	14.05	30.84	0.36	7.15	9.66	108.38
SQU-DS	2025-07-28 18:30:00	14.05	30.95	0.36	7.12	9.66	93.45
SQU-DS	2025-07-28 18:45:00	14.04	31.31	0.36	7.10	9.63	92.22
SQU-DS	2025-07-28 19:00:00	14.02	30.83	0.36	7.20	9.63	101.24
SQU-DS	2025-07-28 19:15:00	14.00	30.81	0.36	7.20	9.63	103.55
SQU-DS	2025-07-28 19:30:00	13.98	31.00	0.36	7.17	9.62	90.76
SQU-DS	2025-07-28 19:45:00	13.95	31.00	0.36	7.18	9.61	101.39
SQU-DS	2025-07-28 20:00:00	13.92	30.70	0.37	7.14	9.59	78.45
SQU-DS	2025-07-28 20:15:00	13.89	30.77	0.37	7.21	9.58	107.27
SQU-DS	2025-07-28 20:30:00	13.87	30.89	0.37	7.18	9.57	104.97
SQU-DS	2025-07-28 20:45:00	13.84	30.93	0.37	7.20	9.56	89.25
SQU-DS	2025-07-28 21:00:00	13.83	30.84	0.38	7.20	9.54	111.21
SQU-DS	2025-07-28 21:15:00	13.81	30.74	0.38	7.24	9.53	91.39
SQU-DS	2025-07-28 21:30:00	13.80	30.82	0.38	7.21	9.52	109.88
SQU-DS	2025-07-28 21:45:00	13.78	30.97	0.38	7.21	9.51	96.73
SQU-DS	2025-07-28 22:00:00	13.76	31.12	0.38	7.20	9.49	99.42
SQU-DS	2025-07-28 22:15:00	13.73	32.16	0.38	7.18	9.49	83.02
SQU-DS	2025-07-28 22:30:00	13.72	32.75	0.38	7.14	9.47	106.32
SQU-DS	2025-07-28 22:45:00	13.72	32.71	0.38	7.18	9.47	109.08
SQU-DS	2025-07-28 23:00:00	13.71	33.14	0.38	7.17	9.45	110.40
SQU-DS	2025-07-28 23:15:00	13.69	33.55	0.38	7.17	9.44	115.71
SQU-DS	2025-07-28 23:30:00	13.68	33.61	0.38	7.16	9.44	114.04
SQU-DS	2025-07-28 23:45:00	13.66	33.53	0.37	7.14	9.42	128.10
SQU-DS	2025-07-29 00:00:00	13.63	33.58	0.36	7.09	9.42	113.88
SQU-DS	2025-07-29 00:15:00	13.61	33.13	0.35	7.14	9.39	117.00
SQU-DS	2025-07-29 00:30:00	13.56	33.60	0.35	7.09	9.41	135.21
SQU-DS	2025-07-29 00:45:00	13.53	32.72	0.35	7.06	9.41	100.72
SQU-DS	2025-07-29 01:00:00	13.48	32.28	0.35	7.11	9.44	126.90
SQU-DS	2025-07-29 01:15:00	13.41	31.72	0.35	7.15	9.46	134.23
SQU-DS	2025-07-29 01:30:00	13.35	31.94	0.35	7.14	9.46	123.85
SQU-DS	2025-07-29 01:45:00	13.28	31.59	0.36	7.06	9.47	134.17
SQU-DS	2025-07-29 02:00:00	13.22	31.25	0.35	7.13	9.49	144.36
SQU-DS	2025-07-29 02:15:00	13.15	30.43	0.36	7.05	9.51	141.53
SQU-DS	2025-07-29 02:30:00	13.06	30.70	0.36	7.08	9.51	138.93
SQU-DS	2025-07-29 02:45:00	12.98	30.25	0.35	7.12	9.54	134.90
SQU-DS	2025-07-29 03:00:00	12.89	30.36	0.36	7.11	9.56	140.03
SQU-DS	2025-07-29 03:15:00	12.79	29.42	0.35	7.12	9.59	157.37
SQU-DS	2025-07-29 03:30:00	12.70	28.95	0.36	7.07	9.61	132.74
SQU-DS	2025-07-29 03:45:00	12.60	28.69	0.36	7.11	9.62	152.73
SQU-DS	2025-07-29 04:00:00	12.50	28.11	0.36	6.98	9.65	166.85
SQU-DS	2025-07-29 04:15:00	12.40	28.17	0.36	7.04	9.68	146.85
SQU-DS	2025-07-29 04:30:00	12.33	28.31	0.36	7.07	9.68	188.85
SQU-DS	2025-07-29 04:45:00	12.25	27.89	0.36	7.05	9.70	184.76
SQU-DS	2025-07-29 05:00:00	12.17	27.41	0.37	7.03	9.73	152.97
SQU-DS	2025-07-29 05:15:00	12.09	27.20	0.37	7.02	9.76	181.65

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-29 05:30:00	12.02	27.42	0.37	6.96	9.75	207.63
SQU-DS	2025-07-29 05:45:00	11.95	26.78	0.37	6.94	9.79	207.81
SQU-DS	2025-07-29 06:00:00	11.88	26.76	0.36	7.06	9.80	214.91
SQU-DS	2025-07-29 06:15:00	11.82	27.20	0.36	7.07	9.81	219.57
SQU-DS	2025-07-29 06:30:00	11.75	27.11	0.37	7.00	9.84	153.48
SQU-DS	2025-07-29 06:45:00	11.70	26.67	0.37	7.00	9.86	171.57
SQU-DS	2025-07-29 07:00:00	11.66	26.51	0.36	7.08	9.86	205.63
SQU-DS	2025-07-29 07:15:00	11.63	26.00	0.37	6.99	9.88	166.26
SQU-DS	2025-07-29 07:30:00	11.61	26.54	0.37	7.03	9.89	202.35
SQU-DS	2025-07-29 07:45:00	11.60	26.19	0.37	7.00	9.89	183.47
SQU-DS	2025-07-29 08:00:00	11.59	26.02	0.36	7.09	9.92	184.74
SQU-DS	2025-07-29 08:15:00	11.61	26.09	0.36	7.07	9.92	158.90
SQU-DS	2025-07-29 08:30:00	11.63	26.08	0.37	7.03	9.92	211.17
SQU-DS	2025-07-29 08:45:00	11.66	25.76	0.36	7.09	9.93	229.72
SQU-DS	2025-07-29 09:00:00	11.70	25.76	0.37	6.98	9.92	151.26
SQU-DS	2025-07-29 09:15:00	11.75	25.82	0.37	6.99	9.94	172.72
SQU-DS	2025-07-29 09:30:00	11.81	25.63	0.37	7.07	9.93	146.58
SQU-DS	2025-07-29 09:45:00	11.87	25.58	0.36	7.11	9.93	154.30
SQU-DS	2025-07-29 10:00:00	11.94	25.91	0.37	7.07	9.94	161.82
SQU-DS	2025-07-29 10:15:00	12.02	25.73	0.37	7.03	9.92	162.12
SQU-DS	2025-07-29 10:30:00	12.09	25.88	0.36	7.08	9.94	121.43
SQU-DS	2025-07-29 10:45:00	12.17	25.76	0.37	7.10	9.92	138.61
SQU-DS	2025-07-29 11:00:00	12.26	25.88	0.37	7.00	9.92	164.65
SQU-DS	2025-07-29 11:15:00	12.34	25.57	0.37	7.05	9.93	119.33
SQU-DS	2025-07-29 11:30:00	12.43	25.59	0.36	7.13	9.92	167.52
SQU-DS	2025-07-29 11:45:00	12.51	25.55	0.37	6.99	9.91	131.98
SQU-DS	2025-07-29 12:00:00	12.59	25.52	0.37	7.01	9.90	114.23
SQU-DS	2025-07-29 12:15:00	12.68	25.73	0.36	7.12	9.89	174.90
SQU-DS	2025-07-29 12:30:00	12.77	25.73	0.37	7.07	9.89	124.16
SQU-DS	2025-07-29 12:45:00	12.87	25.62	0.37	7.07	9.87	139.57
SQU-DS	2025-07-29 13:00:00	12.99	26.18	0.37	7.03	9.86	116.23
SQU-DS	2025-07-29 13:15:00	13.11	26.15	0.36	7.11	9.87	139.38
SQU-DS	2025-07-29 13:30:00	13.23	26.68	0.37	7.05	9.86	124.84
SQU-DS	2025-07-29 13:45:00	13.33	26.91	0.37	7.09	9.82	129.00
SQU-DS	2025-07-29 14:00:00	13.43	27.03	0.36	7.11	9.82	139.69
SQU-DS	2025-07-29 14:15:00	13.51	27.52	0.37	7.09	9.81	115.98
SQU-DS	2025-07-29 14:30:00	13.59	27.74	0.37	7.09	9.80	129.18
SQU-DS	2025-07-29 14:45:00	13.67	27.78	0.37	7.13	9.80	142.25
SQU-DS	2025-07-29 15:00:00	13.73	28.00	0.37	7.11	9.79	125.71
SQU-DS	2025-07-29 15:15:00	13.80	28.01	0.37	7.09	9.78	139.53
SQU-DS	2025-07-29 15:30:00	13.86	28.50	0.37	7.09	9.78	113.86
SQU-DS	2025-07-29 15:45:00	13.92	28.42	0.37	7.10	9.77	128.70
SQU-DS	2025-07-29 16:00:00	13.96	28.92	0.37	7.10	9.74	95.99
SQU-DS	2025-07-29 16:15:00	14.01	28.89	0.37	7.09	9.74	114.44
SQU-DS	2025-07-29 16:30:00	14.05	28.84	0.37	7.15	9.74	97.80
SQU-DS	2025-07-29 16:45:00	14.09	29.05	0.37	7.10	9.73	124.20
SQU-DS	2025-07-29 17:00:00	14.12	29.27	0.37	7.08	9.72	111.99
SQU-DS	2025-07-29 17:15:00	14.14	29.53	0.37	7.10	9.70	114.75
SQU-DS	2025-07-29 17:30:00	14.16	29.39	0.37	7.07	9.71	107.05
SQU-DS	2025-07-29 17:45:00	14.17	29.64	0.36	7.14	9.68	104.11
SQU-DS	2025-07-29 18:00:00	14.17	29.64	0.37	7.13	9.67	109.47
SQU-DS	2025-07-29 18:15:00	14.16	29.81	0.37	7.09	9.67	110.69
SQU-DS	2025-07-29 18:30:00	14.15	30.00	0.37	7.12	9.65	101.13
SQU-DS	2025-07-29 18:45:00	14.13	29.78	0.37	7.06	9.65	96.96
SQU-DS	2025-07-29 19:00:00	14.13	29.67	0.37	7.16	9.63	97.13
SQU-DS	2025-07-29 19:15:00	14.10	30.12	0.37	7.07	9.62	99.29
SQU-DS	2025-07-29 19:30:00	14.09	29.56	0.37	7.09	9.62	100.46
SQU-DS	2025-07-29 19:45:00	14.05	29.80	0.37	7.18	9.59	105.85
SQU-DS	2025-07-29 20:00:00	14.03	29.47	0.37	7.12	9.57	92.06

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-29 20:15:00	13.99	29.56	0.38	7.13	9.58	88.54
SQU-DS	2025-07-29 20:30:00	13.97	29.67	0.38	7.12	9.55	111.44
SQU-DS	2025-07-29 20:45:00	13.94	29.52	0.38	7.21	9.54	93.43
SQU-DS	2025-07-29 21:00:00	13.93	29.50	0.38	7.21	9.53	85.97
SQU-DS	2025-07-29 21:15:00	13.91	29.69	0.39	7.11	9.52	89.73
SQU-DS	2025-07-29 21:30:00	13.89	29.71	0.39	7.15	9.50	99.94
SQU-DS	2025-07-29 21:45:00	13.88	29.66	0.39	7.18	9.50	103.47
SQU-DS	2025-07-29 22:00:00	13.88	29.59	0.39	7.18	9.48	111.16
SQU-DS	2025-07-29 22:15:00	13.87	29.54	0.39	7.15	9.47	92.67
SQU-DS	2025-07-29 22:30:00	13.84	29.92	0.39	7.22	9.46	113.86
SQU-DS	2025-07-29 22:45:00	13.83	30.26	0.39	7.20	9.44	94.32
SQU-DS	2025-07-29 23:00:00	13.81	30.71	0.39	7.14	9.44	116.79
SQU-DS	2025-07-29 23:15:00	13.78	31.03	0.39	7.15	9.43	124.39
SQU-DS	2025-07-29 23:30:00	13.76	31.10	0.39	7.12	9.44	120.41
SQU-DS	2025-07-29 23:45:00	13.73	30.85	0.39	7.13	9.43	107.78
SQU-DS	2025-07-30 00:00:00	13.69	31.05	0.39	7.12	9.42	136.43
SQU-DS	2025-07-30 00:15:00	13.66	30.82	0.38	7.17	9.43	114.83
SQU-DS	2025-07-30 00:30:00	13.61	30.49	0.38	7.14	9.43	109.65
SQU-DS	2025-07-30 00:45:00	13.56	30.33	0.37	7.15	9.43	127.19
SQU-DS	2025-07-30 01:00:00	13.49	30.20	0.37	7.11	9.44	135.20
SQU-DS	2025-07-30 01:15:00	13.43	29.58	0.37	7.05	9.45	160.01
SQU-DS	2025-07-30 01:30:00	13.36	29.15	0.38	7.05	9.46	155.56
SQU-DS	2025-07-30 01:45:00	13.29	28.78	0.37	7.10	9.49	147.62
SQU-DS	2025-07-30 02:00:00	13.22	28.73	0.38	7.07	9.51	188.77
SQU-DS	2025-07-30 02:15:00	13.16	28.30	0.38	7.09	9.52	171.08
SQU-DS	2025-07-30 02:30:00	13.08	27.93	0.38	7.07	9.54	146.33
SQU-DS	2025-07-30 02:45:00	13.01	27.63	0.38	7.08	9.55	176.24
SQU-DS	2025-07-30 03:00:00	12.94	27.63	0.38	7.04	9.56	171.70
SQU-DS	2025-07-30 03:15:00	12.86	27.18	0.38	7.05	9.59	192.27
SQU-DS	2025-07-30 03:30:00	12.78	27.03	0.38	7.10	9.60	187.94
SQU-DS	2025-07-30 03:45:00	12.71	26.86	0.38	7.08	9.61	182.86
SQU-DS	2025-07-30 04:00:00	12.64	26.72	0.38	7.12	9.63	184.44
SQU-DS	2025-07-30 04:15:00	12.56	26.38	0.38	7.06	9.65	202.69
SQU-DS	2025-07-30 04:30:00	12.49	26.22	0.38	7.04	9.65	204.74
SQU-DS	2025-07-30 04:45:00	12.43	26.01	0.38	7.10	9.67	237.29
SQU-DS	2025-07-30 05:00:00	12.36	25.79	0.38	7.09	9.69	203.12
SQU-DS	2025-07-30 05:15:00	12.29	25.70	0.38	7.02	9.71	207.56
SQU-DS	2025-07-30 05:30:00	12.23	25.35	0.38	7.08	9.73	198.62
SQU-DS	2025-07-30 05:45:00	12.17	25.02	0.38	7.02	9.74	221.87
SQU-DS	2025-07-30 06:00:00	12.11	24.76	0.37	7.09	9.75	193.61
SQU-DS	2025-07-30 06:15:00	12.05	24.35	0.38	7.01	9.77	205.37
SQU-DS	2025-07-30 06:30:00	11.99	24.43	0.38	7.00	9.78	188.54
SQU-DS	2025-07-30 06:45:00	11.92	23.99	0.38	6.99	9.80	207.62
SQU-DS	2025-07-30 07:00:00	11.86	23.43	0.38	7.00	9.81	170.50
SQU-DS	2025-07-30 07:15:00	11.81	23.47	0.38	7.04	9.82	199.67
SQU-DS	2025-07-30 07:30:00	11.77	23.18	0.38	7.00	9.84	189.62
SQU-DS	2025-07-30 07:45:00	11.75	22.93	0.38	7.02	9.85	196.14
SQU-DS	2025-07-30 08:00:00	11.75	23.09	0.38	6.98	9.85	202.08
SQU-DS	2025-07-30 08:15:00	11.75	22.94	0.38	7.04	9.85	173.51
SQU-DS	2025-07-30 08:30:00	11.78	22.72	0.38	7.02	9.87	201.68
SQU-DS	2025-07-30 08:45:00	11.81	22.60	0.38	7.05	9.87	164.38
SQU-DS	2025-07-30 09:00:00	11.84	22.58	0.38	7.01	9.88	173.00
SQU-DS	2025-07-30 09:15:00	11.88	22.63	0.38	6.97	9.88	159.94
SQU-DS	2025-07-30 09:30:00	11.94	22.41	0.37	7.09	9.86	185.09
SQU-DS	2025-07-30 09:45:00	12.00	22.63	0.38	6.97	9.87	179.98
SQU-DS	2025-07-30 10:00:00	12.07	22.75	0.38	7.01	9.88	166.96
SQU-DS	2025-07-30 10:15:00	12.14	22.43	0.38	7.03	9.88	149.49
SQU-DS	2025-07-30 10:30:00	12.21	21.87	0.38	7.04	9.88	155.81
SQU-DS	2025-07-30 10:45:00	12.29	22.08	0.38	7.12	9.86	148.66

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-30 11:00:00	12.37	21.97	0.38	7.02	9.86	146.61
SQU-DS	2025-07-30 11:15:00	12.46	22.05	0.38	7.07	9.86	152.71
SQU-DS	2025-07-30 11:30:00	12.55	22.12	0.38	7.05	9.86	139.59
SQU-DS	2025-07-30 11:45:00	12.63	21.76	0.38	7.02	9.86	144.64
SQU-DS	2025-07-30 12:00:00	12.72	21.70	0.38	7.03	9.86	126.08
SQU-DS	2025-07-30 12:15:00	12.81	22.06	0.37	7.08	9.84	119.30
SQU-DS	2025-07-30 12:30:00	12.90	21.84	0.37	7.10	9.85	111.70
SQU-DS	2025-07-30 12:45:00	12.99	22.00	0.38	6.98	9.84	166.13
SQU-DS	2025-07-30 13:00:00	13.08	21.00	0.38	7.09	9.83	120.02
SQU-DS	2025-07-30 13:15:00	13.16	20.98	0.38	7.05	9.83	108.75
SQU-DS	2025-07-30 13:30:00	13.25	21.21	0.38	7.06	9.80	125.37
SQU-DS	2025-07-30 13:45:00	13.35	21.32	0.37	7.08	9.80	119.19
SQU-DS	2025-07-30 14:00:00	13.42	21.22	0.38	6.99	9.79	118.33
SQU-DS	2025-07-30 14:15:00	13.50	21.40	0.38	7.07	9.80	110.11
SQU-DS	2025-07-30 14:30:00	13.57	21.41	0.38	7.05	9.79	123.10
SQU-DS	2025-07-30 14:45:00	13.63	21.32	0.38	7.00	9.79	111.89
SQU-DS	2025-07-30 15:00:00	13.68	21.35	0.38	7.00	9.78	126.13
SQU-DS	2025-07-30 15:15:00	13.72	21.41	0.38	7.07	9.78	101.10
SQU-DS	2025-07-30 15:30:00	13.78	21.57	0.38	7.08	9.78	94.16
SQU-DS	2025-07-30 15:45:00	13.83	21.61	0.38	7.08	9.77	94.57
SQU-DS	2025-07-30 16:00:00	13.87	21.73	0.38	7.02	9.74	225.01
SQU-DS	2025-07-30 16:15:00	13.92	21.72	0.38	7.07	9.75	100.99
SQU-DS	2025-07-30 16:30:00	13.95	21.87	0.38	7.08	9.74	88.02
SQU-DS	2025-07-30 16:45:00	13.98	21.99	0.39	7.00	9.71	95.43
SQU-DS	2025-07-30 17:00:00	14.00	22.04	0.38	7.13	9.72	95.72
SQU-DS	2025-07-30 17:15:00	14.03	22.05	0.38	7.04	9.69	89.08
SQU-DS	2025-07-30 17:30:00	14.05	22.27	0.38	7.06	9.71	86.03
SQU-DS	2025-07-30 17:45:00	14.07	22.29	0.38	7.02	9.68	83.20
SQU-DS	2025-07-30 18:00:00	14.07	22.48	0.38	7.09	9.66	87.10
SQU-DS	2025-07-30 18:15:00	14.05	22.58	0.38	7.10	9.65	106.67
SQU-DS	2025-07-30 18:30:00	14.04	22.59	0.38	7.12	9.65	83.18
SQU-DS	2025-07-30 18:45:00	14.03	22.72	0.38	7.11	9.63	74.44
SQU-DS	2025-07-30 19:00:00	14.02	22.70	0.38	7.06	9.63	70.39
SQU-DS	2025-07-30 19:15:00	14.00	22.90	0.38	7.10	9.60	68.93
SQU-DS	2025-07-30 19:30:00	13.99	22.97	0.38	7.11	9.60	69.06
SQU-DS	2025-07-30 19:45:00	13.96	23.02	0.38	7.16	9.58	67.34
SQU-DS	2025-07-30 20:00:00	13.93	23.05	0.39	7.10	9.57	66.86
SQU-DS	2025-07-30 20:15:00	13.90	23.14	0.38	7.14	9.55	66.80
SQU-DS	2025-07-30 20:30:00	13.89	23.28	0.38	7.19	9.53	64.12
SQU-DS	2025-07-30 20:45:00	13.87	23.49	0.39	7.16	9.52	65.47
SQU-DS	2025-07-30 21:00:00	13.88	23.49	0.39	7.14	9.51	64.67
SQU-DS	2025-07-30 21:15:00	13.88	23.66	0.39	7.15	9.48	65.09
SQU-DS	2025-07-30 21:30:00	13.87	23.77	0.39	7.18	9.48	67.28
SQU-DS	2025-07-30 21:45:00	13.87	23.83	0.40	7.13	9.46	72.30
SQU-DS	2025-07-30 22:00:00	13.87	23.90	0.40	7.13	9.45	74.37
SQU-DS	2025-07-30 22:15:00	13.86	23.92	0.40	7.17	9.45	75.29
SQU-DS	2025-07-30 22:30:00	13.85	24.07	0.40	7.18	9.43	79.53
SQU-DS	2025-07-30 22:45:00	13.84	24.18	0.40	7.15	9.43	76.25
SQU-DS	2025-07-30 23:00:00	13.83	24.39	0.40	7.16	9.40	78.13
SQU-DS	2025-07-30 23:15:00	13.82	24.40	0.40	7.09	9.40	78.93
SQU-DS	2025-07-30 23:30:00	13.78	24.54	0.40	7.11	9.40	96.92
SQU-DS	2025-07-30 23:45:00	13.75	24.66	0.40	7.13	9.41	0.00
SQU-DS	2025-07-31 00:00:00	13.72	24.66	0.40	7.12	9.41	0.00
SQU-DS	2025-07-31 00:15:00	13.68	24.69	0.39	7.15	9.40	0.00
SQU-DS	2025-07-31 00:30:00	13.62	24.73	0.40	7.08	9.40	0.00
SQU-DS	2025-07-31 00:45:00	13.57	24.57	0.40	7.02	9.41	0.00
SQU-DS	2025-07-31 01:00:00	13.51	24.54	0.39	7.09	9.40	0.00
SQU-DS	2025-07-31 01:15:00	13.43	23.62	0.39	7.02	9.44	0.00
SQU-DS	2025-07-31 01:30:00	13.37	23.79	0.39	7.11	9.44	0.00

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-31 01:45:00	13.30	23.80	0.39	7.13	9.44	0.00
SQU-DS	2025-07-31 02:00:00	13.22	23.83	0.39	7.08	9.48	0.00
SQU-DS	2025-07-31 02:15:00	13.15	23.49	0.39	7.06	9.50	0.00
SQU-DS	2025-07-31 02:30:00	13.08	23.39	0.39	7.10	9.50	0.00
SQU-DS	2025-07-31 02:45:00	13.00	23.39	0.40	7.04	9.52	0.00
SQU-DS	2025-07-31 03:00:00	12.93	23.09	0.39	7.05	9.55	0.00
SQU-DS	2025-07-31 03:15:00	12.84	22.98	0.39	7.12	9.57	0.00
SQU-DS	2025-07-31 03:30:00	12.76	22.92	0.40	7.06	9.59	0.00
SQU-DS	2025-07-31 03:45:00	12.69	22.92	0.39	7.09	9.60	0.00
SQU-DS	2025-07-31 04:00:00	12.61	22.68	0.39	7.10	9.62	0.00
SQU-DS	2025-07-31 04:15:00	12.54	22.65	0.40	7.05	9.64	0.00
SQU-DS	2025-07-31 04:30:00	12.48	22.33	0.40	7.03	9.65	0.00
SQU-DS	2025-07-31 04:45:00	12.42	22.28	0.39	7.10	9.67	0.00
SQU-DS	2025-07-31 05:00:00	12.36	22.26	0.40	7.03	9.68	0.00
SQU-DS	2025-07-31 05:15:00	12.30	22.17	0.40	7.06	9.70	0.00
SQU-DS	2025-07-31 05:30:00	12.25	22.04	0.40	7.04	9.71	0.00
SQU-DS	2025-07-31 05:45:00	12.21	22.00	0.40	7.08	9.72	0.00
SQU-DS	2025-07-31 06:00:00	12.16	21.86	0.40	7.03	9.73	0.00
SQU-DS	2025-07-31 06:15:00	12.12	21.93	0.40	6.96	9.74	0.00
SQU-DS	2025-07-31 06:30:00	12.09	21.99	0.40	7.03	9.75	0.00
SQU-DS	2025-07-31 06:45:00	12.07	22.05	0.40	7.03	9.76	0.00
SQU-DS	2025-07-31 07:00:00	12.06	22.19	0.40	6.99	9.75	0.00
SQU-DS	2025-07-31 07:15:00	12.05	22.35	0.40	7.07	9.76	0.00
SQU-DS	2025-07-31 07:30:00	12.04	22.63	0.40	7.03	9.76	0.00
SQU-DS	2025-07-31 07:45:00	12.05	22.84	0.40	7.07	9.77	0.00
SQU-DS	2025-07-31 08:00:00	12.06	22.90	0.40	7.05	9.77	0.00
SQU-DS	2025-07-31 08:15:00	12.07	23.00	0.40	7.05	9.78	0.00
SQU-DS	2025-07-31 08:30:00	12.10	23.13	0.40	7.05	9.79	0.00
SQU-DS	2025-07-31 08:45:00	12.12	23.18	0.40	7.03	9.78	0.00
SQU-DS	2025-07-31 09:00:00	12.14	23.11	0.40	7.00	9.78	0.00
SQU-DS	2025-07-31 09:15:00	12.17	23.20	0.40	7.04	9.78	0.00
SQU-DS	2025-07-31 09:30:00	12.22	23.26	0.40	7.02	9.78	0.00
SQU-DS	2025-07-31 09:45:00	12.28	23.28	0.40	7.00	9.80	0.00
SQU-DS	2025-07-31 10:00:00	12.33	23.42	0.39	7.08	9.79	0.00
SQU-DS	2025-07-31 10:15:00	12.38	23.56	0.40	6.97	9.80	0.00
SQU-DS	2025-07-31 10:30:00	12.44	23.61	0.40	7.03	9.81	0.00
SQU-DS	2025-07-31 10:45:00	12.48	23.63	0.40	7.03	9.81	0.00
SQU-DS	2025-07-31 11:00:00	12.53	23.67	0.40	7.04	9.82	0.00
SQU-DS	2025-07-31 11:15:00	12.59	23.67	0.39	7.07	9.81	0.00
SQU-DS	2025-07-31 11:30:00	12.65	23.68	0.39	7.09	9.81	0.00
SQU-DS	2025-07-31 11:45:00	12.69	23.69	0.40	7.06	9.82	0.00
SQU-DS	2025-07-31 12:00:00	12.73	23.75	0.40	7.05	9.82	0.00
SQU-DS	2025-07-31 12:15:00	12.79	23.83	0.40	7.09	9.81	0.00
SQU-DS	2025-07-31 12:30:00	12.88	23.87	0.40	6.99	9.81	0.00
SQU-DS	2025-07-31 12:45:00	12.96	23.96	0.40	7.10	9.82	0.00
SQU-DS	2025-07-31 13:00:00	13.05	24.03	0.40	7.04	9.80	0.00
SQU-DS	2025-07-31 13:15:00	13.15	24.17	0.40	7.05	9.80	0.00
SQU-DS	2025-07-31 13:30:00	13.25	24.29	0.40	7.10	9.79	0.00
SQU-DS	2025-07-31 13:45:00	13.36	24.39	0.40	7.11	9.80	0.00
SQU-DS	2025-07-31 14:00:00	13.46	24.56	0.40	7.05	9.79	0.00
SQU-DS	2025-07-31 14:15:00	13.55	24.67	0.40	7.09	9.76	0.00
SQU-DS	2025-07-31 14:30:00	13.63	24.89	0.40	7.12	9.76	0.00
SQU-DS	2025-07-31 14:45:00	13.70	24.98	0.40	7.09	9.77	0.00
SQU-DS	2025-07-31 15:00:00	13.79	26.35	0.39	7.10	9.74	143.39
SQU-DS	2025-07-31 15:15:00	13.84	26.43	0.38	7.16	9.74	180.32
SQU-DS	2025-07-31 15:30:00	13.89	26.40	0.39	7.16	9.73	122.75
SQU-DS	2025-07-31 15:45:00	13.93	26.54	0.39	7.14	9.71	133.49
SQU-DS	2025-07-31 16:00:00	13.98	26.89	0.39	7.14	9.72	117.85
SQU-DS	2025-07-31 16:15:00	14.02	27.01	0.39	7.18	9.70	136.19

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-31 16:30:00	14.06	27.02	0.39	7.16	9.70	142.34
SQU-DS	2025-07-31 16:45:00	14.10	27.00	0.39	7.17	9.70	137.65
SQU-DS	2025-07-31 17:00:00	14.14	26.95	0.40	7.14	9.68	159.55
SQU-DS	2025-07-31 17:15:00	14.16	26.98	0.39	7.16	9.67	122.42
SQU-DS	2025-07-31 17:30:00	14.19	27.15	0.40	7.17	9.67	132.37
SQU-DS	2025-07-31 17:45:00	14.20	27.14	0.39	7.19	9.67	114.09
SQU-DS	2025-07-31 18:00:00	14.20	27.31	0.40	7.12	9.65	127.36
SQU-DS	2025-07-31 18:15:00	14.20	27.59	0.39	7.17	9.64	137.59
SQU-DS	2025-07-31 18:30:00	14.21	27.32	0.39	7.18	9.63	104.96
SQU-DS	2025-07-31 18:45:00	14.23	27.19	0.39	7.19	9.61	122.49
SQU-DS	2025-07-31 19:00:00	14.25	27.01	0.40	7.14	9.62	118.21
SQU-DS	2025-07-31 19:15:00	14.26	27.44	0.39	7.17	9.59	95.78
SQU-DS	2025-07-31 19:30:00	14.26	26.99	0.40	7.10	9.59	108.06
SQU-DS	2025-07-31 19:45:00	14.24	27.52	0.39	7.20	9.56	128.31
SQU-DS	2025-07-31 20:00:00	14.23	27.69	0.39	7.19	9.55	130.82
SQU-DS	2025-07-31 20:15:00	14.23	27.62	0.40	7.17	9.53	107.63
SQU-DS	2025-07-31 20:30:00	14.23	27.80	0.40	7.10	9.51	92.14
SQU-DS	2025-07-31 20:45:00	14.22	27.91	0.39	7.21	9.50	119.80
SQU-DS	2025-07-31 21:00:00	14.21	27.69	0.40	7.20	9.49	112.16
SQU-DS	2025-07-31 21:15:00	14.20	27.68	0.40	7.12	9.48	140.10
SQU-DS	2025-07-31 21:30:00	14.19	27.43	0.40	7.17	9.46	109.08
SQU-DS	2025-07-31 21:45:00	14.18	27.56	0.40	7.17	9.44	114.82
SQU-DS	2025-07-31 22:00:00	14.17	27.69	0.41	7.09	9.44	102.77
SQU-DS	2025-07-31 22:15:00	14.16	27.52	0.40	7.18	9.42	131.13
SQU-DS	2025-07-31 22:30:00	14.15	28.06	0.40	7.21	9.42	114.78
SQU-DS	2025-07-31 22:45:00	14.12	28.25	0.40	7.16	9.40	118.32
SQU-DS	2025-07-31 23:00:00	14.10	28.25	0.40	7.17	9.40	120.56
SQU-DS	2025-07-31 23:15:00	14.07	28.17	0.40	7.19	9.40	169.08
SQU-DS	2025-07-31 23:30:00	14.03	28.17	0.40	7.18	9.40	154.44
SQU-DS	2025-07-31 23:45:00	13.99	28.41	0.40	7.15	9.39	163.14
SQU-DS	2025-08-01 00:00:00	13.94	28.24	0.40	7.16	9.41	161.64
SQU-DS	2025-08-01 00:15:00	13.89	28.51	0.40	7.17	9.41	141.44
SQU-DS	2025-08-01 00:30:00	13.84	28.40	0.40	7.13	9.40	132.99
SQU-DS	2025-08-01 00:45:00	13.79	28.66	0.40	7.15	9.41	167.71
SQU-DS	2025-08-01 01:00:00	13.73	28.22	0.40	7.16	9.43	180.90
SQU-DS	2025-08-01 01:15:00	13.67	28.17	0.40	7.11	9.42	153.93
SQU-DS	2025-08-01 01:30:00	13.62	28.14	0.40	7.13	9.43	201.72
SQU-DS	2025-08-01 01:45:00	13.56	28.20	0.40	7.14	9.45	211.88
SQU-DS	2025-08-01 02:00:00	13.50	27.83	0.39	7.15	9.45	173.46
SQU-DS	2025-08-01 02:15:00	13.44	27.84	0.39	7.13	9.46	189.09
SQU-DS	2025-08-01 02:30:00	13.36	27.13	0.40	7.05	9.48	207.75
SQU-DS	2025-08-01 02:45:00	13.30	27.15	0.40	7.10	9.50	176.22
SQU-DS	2025-08-01 03:00:00	13.23	26.85	0.40	7.10	9.51	185.32
SQU-DS	2025-08-01 03:15:00	13.16	26.56	0.40	7.07	9.53	189.78
SQU-DS	2025-08-01 03:30:00	13.09	26.41	0.40	7.12	9.55	205.56
SQU-DS	2025-08-01 03:45:00	13.03	26.24	0.40	7.13	9.55	205.65
SQU-DS	2025-08-01 04:00:00	12.97	26.20	0.40	7.14	9.56	261.51
SQU-DS	2025-08-01 04:15:00	12.88	25.68	0.40	7.11	9.60	222.37
SQU-DS	2025-08-01 04:30:00	12.80	25.27	0.40	7.08	9.61	232.35
SQU-DS	2025-08-01 04:45:00	12.72	25.06	0.40	7.08	9.62	205.03
SQU-DS	2025-08-01 05:00:00	12.63	24.40	0.41	7.04	9.65	239.11
SQU-DS	2025-08-01 05:15:00	12.57	24.41	0.40	7.09	9.66	236.98
SQU-DS	2025-08-01 05:30:00	12.49	23.85	0.41	7.01	9.68	270.84
SQU-DS	2025-08-01 05:45:00	12.45	24.08	0.40	7.09	9.70	273.23
SQU-DS	2025-08-01 06:00:00	12.39	23.75	0.41	6.91	9.70	265.16
SQU-DS	2025-08-01 06:15:00	12.35	23.77	0.40	7.08	9.71	196.51
SQU-DS	2025-08-01 06:30:00	12.32	23.67	0.40	7.10	9.71	211.55
SQU-DS	2025-08-01 06:45:00	12.29	23.81	0.41	6.97	9.72	259.08
SQU-DS	2025-08-01 07:00:00	12.27	23.33	0.41	7.06	9.73	282.37

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-08-01 07:15:00	12.25	23.35	0.40	7.06	9.74	203.18
SQU-DS	2025-08-01 07:30:00	12.24	23.36	0.40	7.06	9.74	211.31
SQU-DS	2025-08-01 07:45:00	12.23	23.05	0.40	7.09	9.75	299.97
SQU-DS	2025-08-01 08:00:00	12.24	23.17	0.40	7.09	9.74	249.56
SQU-DS	2025-08-01 08:15:00	12.26	23.11	0.40	7.07	9.76	234.96
SQU-DS	2025-08-01 08:30:00	12.29	23.28	0.40	7.06	9.76	194.37
SQU-DS	2025-08-01 08:45:00	12.33	23.17	0.39	7.09	9.76	221.17
SQU-DS	2025-08-01 09:00:00	12.37	22.95	0.39	7.09	9.78	202.14
SQU-DS	2025-08-01 09:15:00	12.42	23.10	0.39	7.08	9.79	184.53
SQU-DS	2025-08-01 09:30:00	12.48	23.03	0.39	7.09	9.79	193.85
SQU-DS	2025-08-01 09:45:00	12.54	22.90	0.39	7.11	9.79	213.83
SQU-DS	2025-08-01 10:00:00	12.60	23.27	0.39	7.07	9.78	257.24
SQU-DS	2025-08-01 10:15:00	12.66	23.19	0.39	7.09	9.78	246.78
SQU-DS	2025-08-01 10:30:00	12.71	22.97	0.39	7.11	9.81	203.99
SQU-DS	2025-08-01 10:45:00	12.78	22.96	0.39	7.13	9.81	191.34
SQU-DS	2025-08-01 11:00:00	12.85	23.11	0.39	7.11	9.80	249.96
SQU-DS	2025-08-01 11:15:00	12.91	22.85	0.39	7.07	9.81	197.82
SQU-DS	2025-08-01 11:30:00	12.95	22.55	0.39	7.11	9.82	196.02
SQU-DS	2025-08-01 11:45:00	13.01	22.60	0.39	7.12	9.82	170.51
SQU-DS	2025-08-01 12:00:00	13.07	22.49	0.40	7.06	9.83	177.34
SQU-DS	2025-08-01 12:15:00	13.13	22.80	0.39	7.10	9.82	156.13
SQU-DS	2025-08-01 12:30:00	13.18	22.61	0.39	7.12	9.83	170.76
SQU-DS	2025-08-01 12:45:00	13.25	22.70	0.39	7.16	9.84	181.32
SQU-DS	2025-08-01 13:00:00	13.33	23.14	0.39	7.14	9.83	214.28
SQU-DS	2025-08-01 13:15:00	13.41	23.22	0.40	7.08	9.82	302.39
SQU-DS	2025-08-01 13:30:00	13.50	23.80	0.39	7.14	9.81	209.15
SQU-DS	2025-08-01 13:45:00	13.59	24.04	0.39	7.11	9.80	182.51
SQU-DS	2025-08-01 14:00:00	13.69	24.18	0.39	7.14	9.80	165.07
SQU-DS	2025-08-01 14:15:00	13.78	24.91	0.39	7.16	9.78	139.90
SQU-DS	2025-08-01 14:30:00	13.86	25.28	0.39	7.12	9.76	138.76
SQU-DS	2025-08-01 14:45:00	13.94	25.10	0.39	7.16	9.76	145.00
SQU-DS	2025-08-01 15:00:00	14.00	25.10	0.39	7.17	9.76	173.13
SQU-DS	2025-08-01 15:15:00	14.08	25.82	0.39	7.17	9.74	189.13
SQU-DS	2025-08-01 15:30:00	14.14	25.60	0.39	7.15	9.74	170.89
SQU-DS	2025-08-01 15:45:00	14.20	25.79	0.39	7.16	9.73	155.11
SQU-DS	2025-08-01 16:00:00	14.25	25.84	0.39	7.12	9.72	164.02
SQU-DS	2025-08-01 16:15:00	14.27	25.99	0.39	7.16	9.70	146.55
SQU-DS	2025-08-01 16:30:00	14.28	25.19	0.39	7.15	9.68	158.44
SQU-DS	2025-08-01 16:45:00	14.30	26.39	0.39	7.18	9.70	148.25
SQU-DS	2025-08-01 17:00:00	14.31	26.10	0.39	7.15	9.67	127.32
SQU-DS	2025-08-01 17:15:00	14.34	26.39	0.39	7.18	9.67	130.45
SQU-DS	2025-08-01 17:30:00	14.38	26.38	0.39	7.14	9.64	170.49
SQU-DS	2025-08-01 17:45:00	14.40	26.54	0.39	7.12	9.64	124.28
SQU-DS	2025-08-01 18:00:00	14.43	26.95	0.39	7.15	9.64	125.14
SQU-DS	2025-08-01 18:15:00	14.44	26.84	0.38	7.19	9.62	112.40
SQU-DS	2025-08-01 18:30:00	14.45	26.96	0.39	7.19	9.60	95.18
SQU-DS	2025-08-01 18:45:00	14.45	27.17	0.39	7.18	9.59	113.76
SQU-DS	2025-08-01 19:00:00	14.46	27.20	0.39	7.18	9.58	150.52
SQU-DS	2025-08-01 19:15:00	14.47	27.06	0.39	7.17	9.58	136.20
SQU-DS	2025-08-01 19:30:00	14.46	27.20	0.39	7.17	9.55	134.12
SQU-DS	2025-08-01 19:45:00	14.45	27.26	0.39	7.17	9.54	112.24
SQU-DS	2025-08-01 20:00:00	14.44	26.90	0.39	7.17	9.52	113.42
SQU-DS	2025-08-01 20:15:00	14.44	26.80	0.39	7.17	9.50	90.86
SQU-DS	2025-08-01 20:30:00	14.42	27.11	0.39	7.14	9.48	120.17
SQU-DS	2025-08-01 20:45:00	14.40	26.90	0.39	7.18	9.46	126.03
SQU-DS	2025-08-01 21:00:00	14.38	26.88	0.40	7.15	9.46	102.81
SQU-DS	2025-08-01 21:15:00	14.36	26.93	0.40	7.16	9.45	120.73
SQU-DS	2025-08-01 21:30:00	14.34	26.63	0.40	7.18	9.43	127.03
SQU-DS	2025-08-01 21:45:00	14.33	26.67	0.40	7.19	9.43	136.90

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-08-01 22:00:00	14.31	26.66	0.40	7.15	9.42	140.45
SQU-DS	2025-08-01 22:15:00	14.29	26.60	0.40	7.19	9.42	142.72
SQU-DS	2025-08-01 22:30:00	14.26	26.86	0.40	7.16	9.41	125.71
SQU-DS	2025-08-01 22:45:00	14.24	26.56	0.40	7.18	9.41	132.66
SQU-DS	2025-08-01 23:00:00	14.20	26.53	0.41	7.03	9.42	168.52
SQU-DS	2025-08-01 23:15:00	14.16	26.58	0.40	7.16	9.41	171.15
SQU-DS	2025-08-01 23:30:00	14.12	26.62	0.40	7.16	9.42	170.64
SQU-DS	2025-08-01 23:45:00	14.09	26.90	0.40	7.11	9.41	161.22
SQU-DS	2025-08-02 00:00:00	14.03	26.79	0.40	7.18	9.42	144.94
SQU-DS	2025-08-02 00:15:00	13.98	26.62	0.40	7.13	9.43	150.26
SQU-DS	2025-08-02 00:30:00	13.92	26.80	0.40	7.15	9.44	181.32
SQU-DS	2025-08-02 00:45:00	13.84	26.73	0.40	7.14	9.44	172.67
SQU-DS	2025-08-02 01:00:00	13.79	26.80	0.40	7.16	9.43	181.52
SQU-DS	2025-08-02 01:15:00	13.72	26.51	0.40	7.16	9.46	164.80
SQU-DS	2025-08-02 01:30:00	13.65	26.37	0.40	7.13	9.47	204.87
SQU-DS	2025-08-02 01:45:00	13.58	26.48	0.41	7.06	9.48	178.13
SQU-DS	2025-08-02 02:00:00	13.51	25.97	0.40	7.10	9.49	195.08
SQU-DS	2025-08-02 02:15:00	13.44	25.92	0.40	7.14	9.50	190.62
SQU-DS	2025-08-02 02:30:00	13.36	25.66	0.40	7.13	9.53	277.08
SQU-DS	2025-08-02 02:45:00	13.28	25.54	0.41	7.00	9.54	251.42
SQU-DS	2025-08-02 03:00:00	13.21	25.29	0.40	7.13	9.57	216.78
SQU-DS	2025-08-02 03:15:00	13.14	25.19	0.40	7.11	9.57	201.78
SQU-DS	2025-08-02 03:30:00	13.07	24.94	0.40	7.12	9.59	280.75
SQU-DS	2025-08-02 03:45:00	13.02	25.01	0.40	7.12	9.59	214.30
SQU-DS	2025-08-02 04:00:00	12.96	24.52	0.40	7.12	9.60	252.68
SQU-DS	2025-08-02 04:15:00	12.91	24.61	0.40	7.12	9.62	237.80
SQU-DS	2025-08-02 04:30:00	12.87	24.47	0.40	7.10	9.62	260.19
SQU-DS	2025-08-02 04:45:00	12.82	24.46	0.41	7.05	9.63	238.77
SQU-DS	2025-08-02 05:00:00	12.78	23.91	0.41	7.09	9.65	295.47
SQU-DS	2025-08-02 05:15:00	12.74	24.06	0.40	7.10	9.64	275.48
SQU-DS	2025-08-02 05:30:00	12.70	23.89	0.41	7.08	9.67	278.09
SQU-DS	2025-08-02 05:45:00	12.66	23.64	0.41	7.06	9.66	288.43
SQU-DS	2025-08-02 06:00:00	12.62	23.56	0.41	7.10	9.66	245.32
SQU-DS	2025-08-02 06:15:00	12.58	23.41	0.41	7.05	9.61	243.33
SQU-DS	2025-08-02 06:30:00	12.53	22.95	0.41	7.04	9.70	278.23
SQU-DS	2025-08-02 06:45:00	12.50	23.08	0.41	7.05	9.70	246.42
SQU-DS	2025-08-02 07:00:00	12.46	23.00	0.41	7.09	9.68	336.08
SQU-DS	2025-08-02 07:15:00	12.43	22.62	0.41	7.05	9.73	385.05
SQU-DS	2025-08-02 07:30:00	12.42	22.52	0.41	7.01	9.72	306.09
SQU-DS	2025-08-02 07:45:00	12.40	22.24	0.41	7.04	9.71	241.06
SQU-DS	2025-08-02 08:00:00	12.40	22.02	0.41	7.01	9.70	245.71
SQU-DS	2025-08-02 08:15:00	12.40	22.00	0.41	7.04	9.72	222.28
SQU-DS	2025-08-02 08:30:00	12.41	22.21	0.41	7.03	9.65	243.79
SQU-DS	2025-08-02 08:45:00	12.41	21.93	0.41	7.00	9.67	236.55
SQU-DS	2025-08-02 09:00:00	12.43	21.95	0.41	7.04	9.68	155.80
SQU-DS	2025-08-02 09:15:00	12.45	21.96	0.40	7.07	9.75	211.09
SQU-DS	2025-08-02 09:30:00	12.48	21.81	0.40	7.06	9.68	218.88
SQU-DS	2025-08-02 09:45:00	12.51	21.74	0.41	7.04	9.73	191.49
SQU-DS	2025-08-02 10:00:00	12.56	22.12	0.40	7.03	9.70	199.16
SQU-DS	2025-08-02 10:15:00	12.61	21.94	0.40	7.07	9.73	205.38
SQU-DS	2025-08-02 10:30:00	12.67	22.23	0.40	7.09	9.74	153.00
SQU-DS	2025-08-02 10:45:00	12.72	22.36	0.40	7.05	9.73	200.93
SQU-DS	2025-08-02 11:00:00	12.78	22.26	0.40	7.06	9.72	169.41
SQU-DS	2025-08-02 11:15:00	12.83	22.19	0.40	7.09	9.71	177.81
SQU-DS	2025-08-02 11:30:00	12.89	22.44	0.40	7.07	9.69	218.71
SQU-DS	2025-08-02 11:45:00	12.95	22.36	0.40	7.10	9.68	162.80
SQU-DS	2025-08-02 12:00:00	13.02	22.37	0.41	7.05	9.70	198.00
SQU-DS	2025-08-02 12:15:00	13.09	22.73	0.41	7.06	9.71	189.93
SQU-DS	2025-08-02 12:30:00	13.15	22.71	0.41	7.08	9.66	151.77

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-08-02 12:45:00	13.22	22.88	0.40	7.09	9.55	155.46
SQU-DS	2025-08-02 13:00:00	13.30	22.93	0.40	7.12	9.50	212.81
SQU-DS	2025-08-02 13:15:00	13.38	23.09	0.41	7.10	9.54	199.15
SQU-DS	2025-08-02 13:30:00	13.45	23.31	0.40	7.14	9.49	150.43
SQU-DS	2025-08-02 13:45:00	13.52	23.55	0.40	7.12	9.46	150.75
SQU-DS	2025-08-02 14:00:00	13.60	23.61	0.40	7.09	9.43	173.46
SQU-DS	2025-08-02 14:15:00	13.65	23.47	0.40	7.13	9.34	151.61
SQU-DS	2025-08-02 14:30:00	13.73	23.91	0.40	7.16	9.28	126.25
SQU-DS	2025-08-02 14:45:00	13.80	24.36	0.40	7.12	9.08	163.19
SQU-DS	2025-08-02 15:00:00	13.86	24.50	0.40	7.18	9.15	147.64
SQU-DS	2025-08-02 15:15:00	13.91	24.53	0.40	7.11	9.16	167.04
SQU-DS	2025-08-02 15:30:00	13.98	25.02	0.40	7.14	9.11	113.71
SQU-DS	2025-08-02 15:45:00	14.02	25.06	0.40	7.16	9.06	151.87
SQU-DS	2025-08-02 16:00:00	14.06	24.96	0.40	7.11	9.00	146.88
SQU-DS	2025-08-02 16:15:00	14.09	25.07	0.40	7.11	8.99	130.07
SQU-DS	2025-08-02 16:30:00	14.11	25.24	0.40	7.12	9.07	138.96
SQU-DS	2025-08-02 16:45:00	14.13	25.22	0.40	7.15	9.04	122.59
SQU-DS	2025-08-02 17:00:00	14.16	25.39	0.40	7.13	8.98	180.39
SQU-DS	2025-08-02 17:15:00	14.18	25.63	0.40	7.15	8.88	115.91
SQU-DS	2025-08-02 17:30:00	14.22	26.50	0.40	7.13	8.82	125.14
SQU-DS	2025-08-02 17:45:00	14.24	26.38	0.40	7.15	8.77	111.13
SQU-DS	2025-08-02 18:00:00	14.23	26.09	0.40	7.14	8.74	110.35
SQU-DS	2025-08-02 18:15:00	14.21	26.36	0.40	7.14	8.68	136.36
SQU-DS	2025-08-02 18:30:00	14.20	26.41	0.40	7.14	8.73	99.38
SQU-DS	2025-08-02 18:45:00	14.20	27.01	0.40	7.13	8.76	108.04
SQU-DS	2025-08-02 19:00:00	14.19	26.83	0.40	7.08	8.73	135.57
SQU-DS	2025-08-02 19:15:00	14.18	26.73	0.40	7.04	8.66	112.72
SQU-DS	2025-08-02 19:30:00	14.16	26.63	0.40	7.11	8.71	110.06
SQU-DS	2025-08-02 19:45:00	14.12	26.79	0.40	7.12	8.69	147.07
SQU-DS	2025-08-02 20:00:00	14.07	26.64	0.40	7.08	8.60	119.60
SQU-DS	2025-08-02 20:15:00	14.04	26.62	0.40	7.14	8.51	181.95
SQU-DS	2025-08-02 20:30:00	14.01	27.08	0.40	7.11	8.38	114.75
SQU-DS	2025-08-02 20:45:00	13.96	27.03	0.40	7.08	8.27	124.51
SQU-DS	2025-08-02 21:00:00	13.94	26.94	0.40	7.09	8.07	110.44
SQU-DS	2025-08-02 21:15:00	13.91	26.87	0.40	7.13	8.00	117.56
SQU-DS	2025-08-02 21:30:00	13.91	26.43	0.40	7.10	7.69	148.25
SQU-DS	2025-08-02 21:45:00	13.92	26.51	0.40	7.16	7.43	133.69
SQU-DS	2025-08-02 22:00:00	13.92	26.42	0.40	7.12	7.27	109.72
SQU-DS	2025-08-02 22:15:00	13.94	26.24	0.40	7.09	6.98	180.33
SQU-DS	2025-08-02 22:30:00	13.94	26.45	0.40	7.10	6.65	94.69
SQU-DS	2025-08-02 22:45:00	13.94	26.27	0.40	7.13	6.39	165.85
SQU-DS	2025-08-02 23:00:00	13.92	26.65	0.40	7.16	6.29	124.98
SQU-DS	2025-08-02 23:15:00	13.90	26.23	0.41	7.00	6.08	266.36
SQU-DS	2025-08-02 23:30:00	13.86	25.99	0.40	7.16	5.76	139.53
SQU-DS	2025-08-02 23:45:00	13.81	25.99	0.41	7.11	5.44	131.66
SQU-DS	2025-08-03 00:00:00	13.76	26.26	0.41	7.09	5.01	151.91
SQU-DS	2025-08-03 00:15:00	13.69	25.92	0.40	7.15	4.64	213.66
SQU-DS	2025-08-03 00:30:00	13.61	26.01	0.41	7.05	4.21	161.69
SQU-DS	2025-08-03 00:45:00	13.52	25.94	0.41	7.10	3.85	149.35
SQU-DS	2025-08-03 01:00:00	13.44	25.97	0.40	7.13	3.75	186.96
SQU-DS	2025-08-03 01:15:00	13.34	26.16	0.41	7.10	3.54	154.55
SQU-DS	2025-08-03 01:30:00	13.26	26.28	0.41	7.08	3.42	166.30
SQU-DS	2025-08-03 01:45:00	13.18	25.98	0.40	7.09	3.39	179.04
SQU-DS	2025-08-03 02:00:00	13.10	26.25	0.40	7.10	3.58	165.69
SQU-DS	2025-08-03 02:15:00	13.02	25.59	0.40	7.09	3.60	205.44
SQU-DS	2025-08-03 02:30:00	12.93	25.48	0.40	7.09	3.75	192.06
SQU-DS	2025-08-03 02:45:00	12.85	25.39	0.41	7.03	4.31	157.42
SQU-DS	2025-08-03 03:00:00	12.77	25.16	0.40	7.10	4.50	155.24
SQU-DS	2025-08-03 03:15:00	12.69	24.78	0.40	7.06	4.68	241.69

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-08-03 03:30:00	12.61	24.60	0.41	7.05	5.00	193.67
SQU-DS	2025-08-03 03:45:00	12.54	24.69	0.41	7.05	5.30	200.94
SQU-DS	2025-08-03 04:00:00	12.47	24.44	0.41	7.08	5.33	218.41
SQU-DS	2025-08-03 04:15:00	12.40	24.33	0.41	7.07	5.10	223.09
SQU-DS	2025-08-03 04:30:00	12.34	23.97	0.41	7.02	5.10	221.23
SQU-DS	2025-08-03 04:45:00	12.29	23.82	0.41	7.07	5.64	258.57
SQU-DS	2025-08-03 05:00:00	12.24	23.40	0.41	7.07	5.60	252.82
SQU-DS	2025-08-03 05:15:00	12.20	23.26	0.41	6.95	5.54	190.67
SQU-DS	2025-08-03 05:30:00	12.17	23.26	0.41	7.11	5.87	212.56
SQU-DS	2025-08-03 05:45:00	12.13	22.79	0.41	7.08	5.71	172.62
SQU-DS	2025-08-03 06:00:00	12.10	22.88	0.41	6.99	5.95	217.44
SQU-DS	2025-08-03 06:15:00	12.07	22.56	0.41	7.08	5.85	207.76
SQU-DS	2025-08-03 06:30:00	12.06	22.55	0.41	7.09	5.81	228.60
SQU-DS	2025-08-03 06:45:00	12.05	22.34	0.40	7.08	5.68	196.87
SQU-DS	2025-08-03 07:00:00	12.05	22.39	0.40	7.09	5.56	221.61
SQU-DS	2025-08-03 07:15:00	12.06	22.27	0.40	7.09	5.38	191.84
SQU-DS	2025-08-03 07:30:00	12.08	22.47	0.40	7.07	5.41	219.22
SQU-DS	2025-08-03 07:45:00	12.10	22.23	0.40	7.12	5.35	229.79
SQU-DS	2025-08-03 08:00:00	12.10	22.49	0.40	7.12	5.23	296.89
SQU-DS	2025-08-03 08:15:00	12.12	22.19	0.40	7.13	4.95	207.33
SQU-DS	2025-08-03 08:30:00	12.13	22.17	0.40	7.12	5.20	205.39
SQU-DS	2025-08-03 08:45:00	12.14	22.36	0.40	7.12	5.44	165.92
SQU-DS	2025-08-03 09:00:00	12.16	22.12	0.40	7.12	5.41	169.74
SQU-DS	2025-08-03 09:15:00	12.20	22.51	0.40	7.14	5.37	150.63
SQU-DS	2025-08-03 09:30:00	12.24	22.03	0.40	7.14	5.31	247.47
SQU-DS	2025-08-03 09:45:00	12.29	22.52	0.41	7.14	5.44	211.89
SQU-DS	2025-08-03 10:00:00	12.35	22.65	0.41	7.15	5.45	165.23
SQU-DS	2025-08-03 10:15:00	12.41	22.75	0.41	7.18	5.38	186.35
SQU-DS	2025-08-03 10:30:00	12.46	22.78	0.41	7.15	5.69	133.18
SQU-DS	2025-08-03 10:45:00	12.53	23.06	0.41	7.17	5.70	159.63
SQU-DS	2025-08-03 11:00:00	12.61	23.36	0.41	7.19	5.68	161.53
SQU-DS	2025-08-03 11:15:00	12.69	23.17	0.41	7.20	5.53	170.72
SQU-DS	2025-08-03 11:30:00	12.76	23.43	0.41	7.18	5.46	162.42
SQU-DS	2025-08-03 11:45:00	12.83	23.36	0.41	7.19	5.32	173.56
SQU-DS	2025-08-03 12:00:00	12.88	23.64	0.42	7.18	5.38	214.90
SQU-DS	2025-08-03 12:15:00	12.94	23.65	0.42	7.17	5.26	123.95
SQU-DS	2025-08-03 12:30:00	13.00	23.75	0.42	7.18	5.19	156.53
SQU-DS	2025-08-03 12:45:00	13.03	23.91	0.42	7.17	5.19	147.04
SQU-DS	2025-08-03 13:00:00	13.07	24.06	0.42	7.17	4.99	126.02
SQU-DS	2025-08-03 13:15:00	13.12	24.43	0.42	7.18	4.90	170.14
SQU-DS	2025-08-03 13:30:00	13.16	24.64	0.42	7.18	4.79	123.99
SQU-DS	2025-08-03 13:45:00	13.20	24.67	0.42	7.18	4.58	174.98
SQU-DS	2025-08-03 14:00:00	13.24	24.81	0.42	7.18	4.36	137.17
SQU-DS	2025-08-03 14:15:00	13.29	24.98	0.42	7.18	4.22	127.20
SQU-DS	2025-08-03 14:30:00	13.36	24.76	0.41	7.19	3.93	147.00
SQU-DS	2025-08-03 14:45:00	13.45	25.39	0.41	7.16	3.86	151.75
SQU-DS	2025-08-03 15:00:00	13.52	25.36	0.41	7.17	3.70	164.51
SQU-DS	2025-08-03 15:15:00	13.58	25.58	0.41	7.13	3.45	102.01
SQU-DS	2025-08-03 15:30:00	13.63	25.70	0.41	7.15	3.13	120.05
SQU-DS	2025-08-03 15:45:00	13.68	26.04	0.41	7.16	2.88	118.78
SQU-DS	2025-08-03 16:00:00	13.73	26.58	0.41	7.14	2.60	102.81
SQU-DS	2025-08-03 16:15:00	13.77	26.92	0.41	7.15	2.40	131.81
SQU-DS	2025-08-03 16:30:00	13.79	27.07	0.41	7.14	2.19	104.42
SQU-DS	2025-08-03 16:45:00	13.80	26.74	0.41	7.13	1.99	131.70
SQU-DS	2025-08-03 17:00:00	13.80	27.30	0.41	7.15	1.86	115.97
SQU-DS	2025-08-03 17:15:00	13.81	27.77	0.41	7.11	1.79	113.51
SQU-DS	2025-08-03 17:30:00	13.81	28.31	0.41	7.08	1.62	119.59
SQU-DS	2025-08-03 17:45:00	13.81	28.39	0.41	7.10	1.55	126.64
SQU-DS	2025-08-03 18:00:00	13.80	28.21	0.41	7.07	1.53	126.71

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-08-03 18:15:00	13.79	28.47	0.41	7.11	1.44	101.26
SQU-DS	2025-08-03 18:30:00	13.79	28.93	0.41	7.06	1.48	98.18
SQU-DS	2025-08-03 18:45:00	13.76	29.02	0.42	7.04	1.59	109.82
SQU-DS	2025-08-03 19:00:00	13.71	28.93	0.41	6.99	1.66	110.85
SQU-DS	2025-08-03 19:15:00	13.67	29.16	0.42	6.94	1.63	107.72
SQU-DS	2025-08-03 19:30:00	13.64	29.40	0.42	6.94	1.67	123.57
SQU-DS	2025-08-03 19:45:00	13.59	29.28	0.42	6.90	1.87	109.27
SQU-DS	2025-08-03 20:00:00	13.54	29.15	0.42	6.91	1.96	117.25
SQU-DS	2025-08-03 20:15:00	13.51	28.91	0.42	6.92	2.04	107.63
SQU-DS	2025-08-03 20:30:00	13.49	29.05	0.42	6.86	1.95	140.74
SQU-DS	2025-08-03 20:45:00	13.48	28.97	0.42	6.91	1.90	117.63
SQU-DS	2025-08-03 21:00:00	13.48	29.30	0.42	6.91	1.82	108.72
SQU-DS	2025-08-03 21:15:00	13.48	29.24	0.42	6.87	1.79	111.47
SQU-DS	2025-08-03 21:30:00	13.50	29.02	0.42	6.85	1.77	115.42
SQU-DS	2025-08-03 21:45:00	13.52	28.89	0.42	6.84	1.72	81.75
SQU-DS	2025-08-03 22:00:00	13.55	28.98	0.42	6.90	1.72	129.70
SQU-DS	2025-08-03 22:15:00	13.57	28.43	0.42	6.86	1.63	94.20
SQU-DS	2025-08-03 22:30:00	13.58	28.58	0.42	6.84	1.51	110.24
SQU-DS	2025-08-03 22:45:00	13.60	28.31	0.42	6.87	1.61	124.72
SQU-DS	2025-08-03 23:00:00	13.61	28.27	0.41	6.83	1.62	112.51
SQU-DS	2025-08-03 23:15:00	13.62	28.24	0.41	6.85	1.63	112.00
SQU-DS	2025-08-03 23:30:00	13.62	27.80	0.41	6.89	1.43	151.25
SQU-DS	2025-08-03 23:45:00	13.61	27.70	0.41	6.92	1.42	109.03
SQU-US	2025-07-28 00:00:00	13.19	40.39	0.34	7.11	9.89	139.99
SQU-US	2025-07-28 00:15:00	13.17	40.42	0.34	7.11	9.90	119.10
SQU-US	2025-07-28 00:30:00	13.14	39.37	0.34	7.13	9.92	116.76
SQU-US	2025-07-28 00:45:00	13.11	38.76	0.34	7.08	9.94	128.71
SQU-US	2025-07-28 01:00:00	13.08	38.43	0.35	7.12	9.95	122.68
SQU-US	2025-07-28 01:15:00	13.03	37.95	0.35	7.14	9.97	108.85
SQU-US	2025-07-28 01:30:00	12.98	37.72	0.35	7.09	9.97	122.81
SQU-US	2025-07-28 01:45:00	12.93	37.27	0.36	7.06	9.99	119.44
SQU-US	2025-07-28 02:00:00	12.88	36.90	0.35	7.10	9.99	122.02
SQU-US	2025-07-28 02:15:00	12.82	36.59	0.36	7.06	10.01	134.65
SQU-US	2025-07-28 02:30:00	12.78	36.43	0.36	7.03	10.02	121.19
SQU-US	2025-07-28 02:45:00	12.72	36.23	0.36	7.08	10.04	134.09
SQU-US	2025-07-28 03:00:00	12.66	35.84	0.36	6.99	10.05	122.59
SQU-US	2025-07-28 03:15:00	12.59	35.75	0.36	7.03	10.07	157.68
SQU-US	2025-07-28 03:30:00	12.52	35.24	0.37	6.95	10.09	171.55
SQU-US	2025-07-28 03:45:00	12.45	35.11	0.37	6.94	10.09	170.25
SQU-US	2025-07-28 04:00:00	12.35	34.60	0.36	7.14	10.12	182.91
SQU-US	2025-07-28 04:15:00	12.26	34.37	0.36	7.13	10.15	194.68
SQU-US	2025-07-28 04:30:00	12.18	33.94	0.36	7.14	10.16	173.09
SQU-US	2025-07-28 04:45:00	12.09	33.88	0.36	7.11	10.19	213.99
SQU-US	2025-07-28 05:00:00	12.02	33.67	0.36	7.10	10.21	178.55
SQU-US	2025-07-28 05:15:00	11.94	33.46	0.36	7.12	10.24	222.80
SQU-US	2025-07-28 05:30:00	11.87	33.23	0.37	7.06	10.26	195.05
SQU-US	2025-07-28 05:45:00	11.80	33.00	0.36	7.13	10.27	179.47
SQU-US	2025-07-28 06:00:00	11.73	32.97	0.37	6.97	10.30	183.74
SQU-US	2025-07-28 06:15:00	11.68	32.76	0.36	7.13	10.30	152.40
SQU-US	2025-07-28 06:30:00	11.63	32.29	0.37	7.04	10.32	202.97
SQU-US	2025-07-28 06:45:00	11.58	32.18	0.36	7.14	10.34	200.13
SQU-US	2025-07-28 07:00:00	11.54	32.38	0.37	7.12	10.36	167.11
SQU-US	2025-07-28 07:15:00	11.51	32.17	0.36	7.14	10.37	187.67
SQU-US	2025-07-28 07:30:00	11.49	32.28	0.36	7.18	10.39	146.52
SQU-US	2025-07-28 07:45:00	11.48	32.10	0.37	7.18	10.40	230.69
SQU-US	2025-07-28 08:00:00	11.47	32.17	0.37	7.14	10.42	206.24
SQU-US	2025-07-28 08:15:00	11.48	32.18	0.37	7.10	10.44	212.19
SQU-US	2025-07-28 08:30:00	11.49	32.23	0.36	7.15	10.44	164.40
SQU-US	2025-07-28 08:45:00	11.52	32.10	0.36	7.15	10.46	144.63

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-28 09:00:00	11.55	32.39	0.36	7.22	10.44	177.30
SQU-US	2025-07-28 09:15:00	11.61	32.27	0.36	7.16	10.45	190.96
SQU-US	2025-07-28 09:30:00	11.67	32.25	0.36	7.18	10.45	188.71
SQU-US	2025-07-28 09:45:00	11.74	32.11	0.37	7.10	10.46	154.72
SQU-US	2025-07-28 10:00:00	11.82	32.22	0.36	7.17	10.46	219.21
SQU-US	2025-07-28 10:15:00	11.91	32.23	0.36	7.15	10.46	175.02
SQU-US	2025-07-28 10:30:00	12.01	32.14	0.37	7.01	10.44	164.92
SQU-US	2025-07-28 10:45:00	12.10	31.86	0.37	7.08	10.44	158.43
SQU-US	2025-07-28 11:00:00	12.20	32.21	0.37	7.04	10.43	155.84
SQU-US	2025-07-28 11:15:00	12.29	31.92	0.36	7.16	10.44	194.31
SQU-US	2025-07-28 11:30:00	12.40	31.83	0.36	7.14	10.42	144.72
SQU-US	2025-07-28 11:45:00	12.50	31.85	0.37	7.00	10.42	143.12
SQU-US	2025-07-28 12:00:00	12.60	31.78	0.36	7.19	10.42	153.13
SQU-US	2025-07-28 12:15:00	12.69	31.48	0.36	7.14	10.42	150.67
SQU-US	2025-07-28 12:30:00	12.80	31.67	0.37	7.06	10.42	153.62
SQU-US	2025-07-28 12:45:00	12.91	31.86	0.37	7.10	10.40	154.98
SQU-US	2025-07-28 13:00:00	13.02	32.17	0.37	7.02	10.39	133.22
SQU-US	2025-07-28 13:15:00	13.13	32.31	0.36	7.17	10.37	193.09
SQU-US	2025-07-28 13:30:00	13.25	33.09	0.37	7.06	10.34	133.94
SQU-US	2025-07-28 13:45:00	13.36	32.99	0.36	7.10	10.34	130.09
SQU-US	2025-07-28 14:00:00	13.47	33.32	0.37	7.08	10.32	141.99
SQU-US	2025-07-28 14:15:00	13.56	33.85	0.36	7.18	10.30	117.65
SQU-US	2025-07-28 14:30:00	13.65	34.00	0.36	7.08	10.30	132.22
SQU-US	2025-07-28 14:45:00	13.73	33.97	0.37	7.00	10.28	168.71
SQU-US	2025-07-28 15:00:00	13.80	34.04	0.37	7.05	10.29	120.16
SQU-US	2025-07-28 15:15:00	13.86	34.34	0.36	7.19	10.27	124.83
SQU-US	2025-07-28 15:30:00	13.92	34.30	0.35	7.24	10.26	98.31
SQU-US	2025-07-28 15:45:00	13.97	34.93	0.36	7.16	10.25	125.88
SQU-US	2025-07-28 16:00:00	14.00	34.94	0.36	7.16	10.24	114.30
SQU-US	2025-07-28 16:15:00	14.04	34.96	0.35	7.21	10.24	136.36
SQU-US	2025-07-28 16:30:00	14.07	34.99	0.36	7.04	10.23	122.35
SQU-US	2025-07-28 16:45:00	14.09	35.13	0.36	7.11	10.24	117.01
SQU-US	2025-07-28 17:00:00	14.11	35.40	0.36	7.07	10.21	114.84
SQU-US	2025-07-28 17:15:00	14.12	35.26	0.36	7.16	10.21	113.17
SQU-US	2025-07-28 17:30:00	14.12	35.50	0.36	7.12	10.20	118.69
SQU-US	2025-07-28 17:45:00	14.12	35.79	0.36	7.12	10.19	112.58
SQU-US	2025-07-28 18:00:00	14.10	35.90	0.36	7.07	10.17	96.78
SQU-US	2025-07-28 18:15:00	14.07	36.02	0.36	7.07	10.16	108.35
SQU-US	2025-07-28 18:30:00	14.04	36.16	0.36	7.15	10.15	95.77
SQU-US	2025-07-28 18:45:00	14.02	36.58	0.36	7.14	10.15	105.83
SQU-US	2025-07-28 19:00:00	13.96	36.14	0.35	7.26	10.15	103.29
SQU-US	2025-07-28 19:15:00	13.94	36.24	0.35	7.28	10.14	96.05
SQU-US	2025-07-28 19:30:00	13.90	35.83	0.36	7.20	10.13	105.80
SQU-US	2025-07-28 19:45:00	13.87	35.29	0.36	7.28	10.12	98.26
SQU-US	2025-07-28 20:00:00	13.80	35.43	0.36	7.23	10.12	167.30
SQU-US	2025-07-28 20:15:00	13.77	35.44	0.37	7.20	10.10	106.96
SQU-US	2025-07-28 20:30:00	13.74	35.06	0.37	7.22	10.09	112.91
SQU-US	2025-07-28 20:45:00	13.68	35.38	0.37	7.24	10.08	80.28
SQU-US	2025-07-28 21:00:00	13.65	35.25	0.37	7.28	10.08	135.87
SQU-US	2025-07-28 21:15:00	13.63	35.14	0.37	7.28	10.07	119.64
SQU-US	2025-07-28 21:30:00	13.62	35.47	0.37	7.29	10.05	111.87
SQU-US	2025-07-28 21:45:00	13.59	35.81	0.37	7.25	10.05	119.41
SQU-US	2025-07-28 22:00:00	13.56	36.24	0.38	7.20	10.03	131.71
SQU-US	2025-07-28 22:15:00	13.55	37.46	0.38	7.19	10.01	116.39
SQU-US	2025-07-28 22:30:00	13.54	37.67	0.38	7.18	10.01	136.25
SQU-US	2025-07-28 22:45:00	13.55	37.97	0.38	7.13	9.99	117.67
SQU-US	2025-07-28 23:00:00	13.54	38.57	0.37	7.25	9.96	154.27
SQU-US	2025-07-28 23:15:00	13.53	38.75	0.37	7.25	9.96	145.94
SQU-US	2025-07-28 23:30:00	13.53	38.99	0.37	7.21	9.94	138.19

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-28 23:45:00	13.52	39.94	0.36	7.23	9.89	151.46
SQU-US	2025-07-29 00:00:00	13.51	39.40	0.35	7.14	9.89	162.29
SQU-US	2025-07-29 00:15:00	13.47	39.46	0.34	7.14	9.88	167.20
SQU-US	2025-07-29 00:30:00	13.44	39.15	0.34	7.12	9.89	139.25
SQU-US	2025-07-29 00:45:00	13.40	38.28	0.35	7.06	9.92	135.53
SQU-US	2025-07-29 01:00:00	13.36	38.06	0.35	7.19	9.93	178.84
SQU-US	2025-07-29 01:15:00	13.31	37.46	0.35	7.25	9.95	138.94
SQU-US	2025-07-29 01:30:00	13.25	37.24	0.35	7.20	9.96	155.24
SQU-US	2025-07-29 01:45:00	13.19	36.80	0.35	7.16	9.98	148.76
SQU-US	2025-07-29 02:00:00	13.12	36.16	0.36	7.14	9.99	161.66
SQU-US	2025-07-29 02:15:00	13.06	35.87	0.36	7.03	10.01	155.23
SQU-US	2025-07-29 02:30:00	12.98	35.52	0.36	7.08	10.04	146.56
SQU-US	2025-07-29 02:45:00	12.91	35.02	0.37	7.00	10.06	168.38
SQU-US	2025-07-29 03:00:00	12.82	34.71	0.37	6.98	10.07	157.45
SQU-US	2025-07-29 03:15:00	12.73	34.42	0.36	7.10	10.08	154.49
SQU-US	2025-07-29 03:30:00	12.64	33.99	0.37	7.03	10.10	195.40
SQU-US	2025-07-29 03:45:00	12.54	33.19	0.37	7.03	10.16	172.73
SQU-US	2025-07-29 04:00:00	12.46	33.39	0.36	7.07	10.15	179.25
SQU-US	2025-07-29 04:15:00	12.37	32.82	0.36	7.08	10.18	205.91
SQU-US	2025-07-29 04:30:00	12.30	32.83	0.37	7.01	10.20	226.19
SQU-US	2025-07-29 04:45:00	12.21	32.43	0.37	7.00	10.22	176.14
SQU-US	2025-07-29 05:00:00	12.14	32.15	0.37	7.10	10.25	197.84
SQU-US	2025-07-29 05:15:00	12.07	31.94	0.37	6.96	10.26	193.31
SQU-US	2025-07-29 05:30:00	12.00	31.85	0.37	7.11	10.28	201.17
SQU-US	2025-07-29 05:45:00	11.93	31.50	0.37	7.12	10.30	181.06
SQU-US	2025-07-29 06:00:00	11.86	31.88	0.37	7.13	10.31	237.98
SQU-US	2025-07-29 06:15:00	11.80	31.82	0.37	7.14	10.32	212.22
SQU-US	2025-07-29 06:30:00	11.74	31.69	0.37	7.09	10.35	235.31
SQU-US	2025-07-29 06:45:00	11.69	31.45	0.38	6.95	10.37	192.29
SQU-US	2025-07-29 07:00:00	11.64	31.36	0.37	7.19	10.39	226.66
SQU-US	2025-07-29 07:15:00	11.62	31.23	0.38	6.97	10.39	232.21
SQU-US	2025-07-29 07:30:00	11.60	30.92	0.37	7.08	10.41	223.35
SQU-US	2025-07-29 07:45:00	11.60	30.77	0.37	7.20	10.42	210.85
SQU-US	2025-07-29 08:00:00	11.60	30.66	0.37	7.14	10.44	209.74
SQU-US	2025-07-29 08:15:00	11.61	31.00	0.37	7.15	10.43	165.21
SQU-US	2025-07-29 08:30:00	11.64	30.35	0.37	7.13	10.45	158.74
SQU-US	2025-07-29 08:45:00	11.67	30.59	0.37	7.12	10.44	196.75
SQU-US	2025-07-29 09:00:00	11.71	30.60	0.38	6.96	10.47	155.66
SQU-US	2025-07-29 09:15:00	11.77	30.37	0.37	7.13	10.46	179.43
SQU-US	2025-07-29 09:30:00	11.84	30.50	0.37	7.18	10.48	162.23
SQU-US	2025-07-29 09:45:00	11.90	30.21	0.37	7.20	10.47	130.93
SQU-US	2025-07-29 10:00:00	11.99	30.57	0.37	7.17	10.46	177.91
SQU-US	2025-07-29 10:15:00	12.07	30.23	0.37	7.17	10.49	168.56
SQU-US	2025-07-29 10:30:00	12.16	30.62	0.37	7.16	10.47	144.79
SQU-US	2025-07-29 10:45:00	12.26	30.62	0.37	7.15	10.46	143.96
SQU-US	2025-07-29 11:00:00	12.35	30.40	0.36	7.26	10.46	196.93
SQU-US	2025-07-29 11:15:00	12.44	30.17	0.37	7.18	10.48	137.92
SQU-US	2025-07-29 11:30:00	12.53	30.41	0.37	7.07	10.45	142.26
SQU-US	2025-07-29 11:45:00	12.62	30.48	0.37	7.15	10.46	150.57
SQU-US	2025-07-29 12:00:00	12.72	30.42	0.37	7.17	10.44	141.50
SQU-US	2025-07-29 12:15:00	12.81	30.43	0.37	7.16	10.43	132.58
SQU-US	2025-07-29 12:30:00	12.91	30.43	0.37	7.11	10.42	182.62
SQU-US	2025-07-29 12:45:00	13.02	30.69	0.37	7.11	10.40	200.92
SQU-US	2025-07-29 13:00:00	13.14	31.09	0.37	7.06	10.39	198.61
SQU-US	2025-07-29 13:15:00	13.26	31.30	0.37	7.05	10.37	157.32
SQU-US	2025-07-29 13:30:00	13.37	31.39	0.36	7.19	10.36	176.67
SQU-US	2025-07-29 13:45:00	13.49	31.85	0.37	7.07	10.35	166.50
SQU-US	2025-07-29 14:00:00	13.58	31.97	0.37	7.04	10.34	155.46
SQU-US	2025-07-29 14:15:00	13.67	32.69	0.37	7.12	10.33	142.82

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-29 14:30:00	13.75	32.50	0.36	7.17	10.35	148.00
SQU-US	2025-07-29 14:45:00	13.82	32.10	0.36	7.22	10.32	176.14
SQU-US	2025-07-29 15:00:00	13.89	33.13	0.37	7.03	10.31	147.02
SQU-US	2025-07-29 15:15:00	13.95	33.33	0.36	7.24	10.30	138.66
SQU-US	2025-07-29 15:30:00	14.01	33.31	0.36	7.13	10.30	129.14
SQU-US	2025-07-29 15:45:00	14.06	33.71	0.36	7.13	10.29	128.84
SQU-US	2025-07-29 16:00:00	14.10	33.89	0.36	7.13	10.27	140.30
SQU-US	2025-07-29 16:15:00	14.14	33.88	0.36	7.16	10.26	128.48
SQU-US	2025-07-29 16:30:00	14.17	33.99	0.36	7.11	10.26	131.87
SQU-US	2025-07-29 16:45:00	14.20	34.39	0.36	7.17	10.24	123.28
SQU-US	2025-07-29 17:00:00	14.22	34.80	0.36	7.19	10.20	150.43
SQU-US	2025-07-29 17:15:00	14.23	34.88	0.36	7.18	10.22	119.25
SQU-US	2025-07-29 17:30:00	14.23	34.95	0.36	7.12	10.21	113.92
SQU-US	2025-07-29 17:45:00	14.23	35.30	0.36	7.14	10.21	110.78
SQU-US	2025-07-29 18:00:00	14.20	35.05	0.36	7.18	10.18	125.14
SQU-US	2025-07-29 18:15:00	14.17	35.37	0.36	7.15	10.17	117.51
SQU-US	2025-07-29 18:30:00	14.14	35.41	0.36	7.21	10.16	89.14
SQU-US	2025-07-29 18:45:00	14.11	35.48	0.36	7.21	10.17	94.21
SQU-US	2025-07-29 19:00:00	14.08	35.45	0.36	7.22	10.15	110.21
SQU-US	2025-07-29 19:15:00	14.04	35.41	0.36	7.16	10.13	99.68
SQU-US	2025-07-29 19:30:00	14.00	35.17	0.36	7.05	10.12	98.93
SQU-US	2025-07-29 19:45:00	13.97	34.93	0.35	7.29	10.11	85.00
SQU-US	2025-07-29 20:00:00	13.91	34.75	0.36	7.19	10.09	105.47
SQU-US	2025-07-29 20:15:00	13.86	34.82	0.36	7.20	10.09	108.78
SQU-US	2025-07-29 20:30:00	13.85	34.23	0.36	7.21	10.07	106.05
SQU-US	2025-07-29 20:45:00	13.82	34.34	0.37	7.18	10.06	89.30
SQU-US	2025-07-29 21:00:00	13.78	34.49	0.37	7.24	10.04	131.57
SQU-US	2025-07-29 21:15:00	13.76	34.31	0.37	7.22	10.05	104.75
SQU-US	2025-07-29 21:30:00	13.74	34.31	0.37	7.28	10.03	136.30
SQU-US	2025-07-29 21:45:00	13.72	34.57	0.37	7.28	10.02	121.41
SQU-US	2025-07-29 22:00:00	13.72	34.59	0.38	7.19	10.00	106.82
SQU-US	2025-07-29 22:15:00	13.70	35.18	0.38	7.16	9.99	139.80
SQU-US	2025-07-29 22:30:00	13.68	35.79	0.38	7.16	9.98	141.44
SQU-US	2025-07-29 22:45:00	13.66	36.36	0.38	7.17	9.97	136.23
SQU-US	2025-07-29 23:00:00	13.66	36.90	0.37	7.22	9.95	125.39
SQU-US	2025-07-29 23:15:00	13.65	36.71	0.37	7.26	9.94	162.65
SQU-US	2025-07-29 23:30:00	13.63	37.22	0.37	7.25	9.94	130.27
SQU-US	2025-07-29 23:45:00	13.61	36.83	0.37	7.25	9.93	178.13
SQU-US	2025-07-30 00:00:00	13.59	37.14	0.38	7.11	9.92	174.06
SQU-US	2025-07-30 00:15:00	13.56	37.11	0.37	7.12	9.89	205.07
SQU-US	2025-07-30 00:30:00	13.52	37.41	0.36	7.00	9.89	147.61
SQU-US	2025-07-30 00:45:00	13.46	37.00	0.35	7.10	9.91	220.79
SQU-US	2025-07-30 01:00:00	13.41	36.39	0.35	7.13	9.93	151.38
SQU-US	2025-07-30 01:15:00	13.35	35.24	0.34	7.21	9.97	151.58
SQU-US	2025-07-30 01:30:00	13.29	35.09	0.35	7.21	9.96	195.46
SQU-US	2025-07-30 01:45:00	13.21	34.42	0.36	7.06	10.00	194.22
SQU-US	2025-07-30 02:00:00	13.16	34.25	0.36	7.15	10.01	194.96
SQU-US	2025-07-30 02:15:00	13.09	34.17	0.36	7.12	10.02	187.85
SQU-US	2025-07-30 02:30:00	13.02	33.20	0.36	7.13	10.05	199.05
SQU-US	2025-07-30 02:45:00	12.95	33.06	0.37	7.06	10.05	227.16
SQU-US	2025-07-30 03:00:00	12.89	32.73	0.37	7.08	10.08	223.40
SQU-US	2025-07-30 03:15:00	12.81	32.57	0.36	7.13	10.10	220.95
SQU-US	2025-07-30 03:30:00	12.74	32.42	0.37	7.10	10.12	330.77
SQU-US	2025-07-30 03:45:00	12.67	32.30	0.37	7.17	10.13	246.20
SQU-US	2025-07-30 04:00:00	12.60	31.99	0.37	7.15	10.14	318.68
SQU-US	2025-07-30 04:15:00	12.53	32.24	0.37	7.12	10.15	251.86
SQU-US	2025-07-30 04:30:00	12.46	31.64	0.38	6.96	10.17	246.33
SQU-US	2025-07-30 04:45:00	12.40	31.29	0.37	7.13	10.18	252.80
SQU-US	2025-07-30 05:00:00	12.33	30.99	0.37	7.14	10.20	275.91

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-30 05:15:00	12.27	31.02	0.36	7.12	10.21	280.23
SQU-US	2025-07-30 05:30:00	12.21	30.88	0.36	7.20	10.22	260.23
SQU-US	2025-07-30 05:45:00	12.15	30.46	0.37	7.12	10.25	228.51
SQU-US	2025-07-30 06:00:00	12.09	30.52	0.37	7.12	10.26	212.70
SQU-US	2025-07-30 06:15:00	12.03	30.26	0.37	7.12	10.29	226.42
SQU-US	2025-07-30 06:30:00	11.96	30.18	0.37	7.11	10.29	241.95
SQU-US	2025-07-30 06:45:00	11.91	29.92	0.37	7.00	10.30	198.24
SQU-US	2025-07-30 07:00:00	11.85	29.83	0.38	7.03	10.32	227.56
SQU-US	2025-07-30 07:15:00	11.80	29.24	0.36	7.17	10.34	291.86
SQU-US	2025-07-30 07:30:00	11.77	29.58	0.38	6.94	10.35	243.34
SQU-US	2025-07-30 07:45:00	11.76	29.50	0.37	7.10	10.37	216.64
SQU-US	2025-07-30 08:00:00	11.76	29.19	0.37	7.07	10.38	259.50
SQU-US	2025-07-30 08:15:00	11.77	29.55	0.37	7.03	10.39	250.12
SQU-US	2025-07-30 08:30:00	11.80	29.20	0.37	7.10	10.38	243.45
SQU-US	2025-07-30 08:45:00	11.83	29.13	0.38	7.01	10.39	223.30
SQU-US	2025-07-30 09:00:00	11.87	29.26	0.37	7.03	10.40	224.48
SQU-US	2025-07-30 09:15:00	11.91	28.99	0.37	7.11	10.40	213.40
SQU-US	2025-07-30 09:30:00	11.97	29.48	0.37	7.14	10.39	228.18
SQU-US	2025-07-30 09:45:00	12.05	29.33	0.37	7.17	10.40	176.81
SQU-US	2025-07-30 10:00:00	12.13	29.16	0.37	7.13	10.41	181.65
SQU-US	2025-07-30 10:15:00	12.21	29.54	0.37	7.13	10.40	212.21
SQU-US	2025-07-30 10:30:00	12.28	29.44	0.37	7.07	10.41	174.88
SQU-US	2025-07-30 10:45:00	12.37	29.89	0.37	7.13	10.39	168.42
SQU-US	2025-07-30 11:00:00	12.47	29.72	0.36	7.19	10.41	235.88
SQU-US	2025-07-30 11:15:00	12.56	29.52	0.36	7.23	10.40	215.32
SQU-US	2025-07-30 11:30:00	12.67	29.99	0.36	7.16	10.40	169.81
SQU-US	2025-07-30 11:45:00	12.76	29.99	0.36	7.20	10.39	196.98
SQU-US	2025-07-30 12:00:00	12.86	30.23	0.36	7.15	10.37	186.22
SQU-US	2025-07-30 12:15:00	12.97	30.30	0.36	7.16	10.36	123.62
SQU-US	2025-07-30 12:30:00	13.07	30.35	0.36	7.13	10.37	164.85
SQU-US	2025-07-30 12:45:00	13.18	30.64	0.37	7.03	10.35	152.87
SQU-US	2025-07-30 13:00:00	13.27	30.47	0.36	7.20	10.35	174.06
SQU-US	2025-07-30 13:15:00	13.37	31.17	0.36	7.11	10.34	144.75
SQU-US	2025-07-30 13:30:00	13.47	31.46	0.36	7.21	10.33	143.14
SQU-US	2025-07-30 13:45:00	13.57	31.69	0.36	7.04	10.32	149.58
SQU-US	2025-07-30 14:00:00	13.65	31.32	0.36	7.11	10.31	150.02
SQU-US	2025-07-30 14:15:00	13.73	31.74	0.36	7.10	10.30	147.55
SQU-US	2025-07-30 14:30:00	13.81	31.81	0.36	7.08	10.31	145.71
SQU-US	2025-07-30 14:45:00	13.88	31.93	0.36	7.11	10.31	132.37
SQU-US	2025-07-30 15:00:00	13.92	31.91	0.37	7.04	10.29	140.98
SQU-US	2025-07-30 15:15:00	13.96	32.10	0.36	7.20	10.29	115.80
SQU-US	2025-07-30 15:30:00	14.02	32.58	0.36	7.23	10.27	106.78
SQU-US	2025-07-30 15:45:00	14.05	32.54	0.36	7.24	10.27	115.63
SQU-US	2025-07-30 16:00:00	14.10	32.62	0.36	7.11	10.27	133.32
SQU-US	2025-07-30 16:15:00	14.14	33.26	0.35	7.19	10.23	117.40
SQU-US	2025-07-30 16:30:00	14.15	33.23	0.36	7.11	10.23	114.80
SQU-US	2025-07-30 16:45:00	14.16	33.30	0.36	7.17	10.22	119.77
SQU-US	2025-07-30 17:00:00	14.19	33.63	0.36	7.08	10.21	117.89
SQU-US	2025-07-30 17:15:00	14.20	33.46	0.36	7.19	10.21	108.40
SQU-US	2025-07-30 17:30:00	14.21	33.84	0.36	7.13	10.18	119.81
SQU-US	2025-07-30 17:45:00	14.22	34.28	0.37	7.04	10.17	116.64
SQU-US	2025-07-30 18:00:00	14.18	33.99	0.36	7.12	10.16	91.39
SQU-US	2025-07-30 18:15:00	14.15	34.08	0.36	7.18	10.15	116.64
SQU-US	2025-07-30 18:30:00	14.11	33.96	0.36	7.14	10.14	109.99
SQU-US	2025-07-30 18:45:00	14.08	34.38	0.37	7.02	10.12	111.21
SQU-US	2025-07-30 19:00:00	14.05	34.22	0.36	7.17	10.11	106.61
SQU-US	2025-07-30 19:15:00	14.01	34.03	0.36	7.09	10.10	107.03
SQU-US	2025-07-30 19:30:00	13.98	34.17	0.36	7.12	10.08	104.38
SQU-US	2025-07-30 19:45:00	13.93	34.15	0.36	7.12	10.09	98.08

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-30 20:00:00	13.89	33.87	0.36	7.19	10.05	136.12
SQU-US	2025-07-30 20:15:00	13.85	34.09	0.36	7.17	10.05	109.00
SQU-US	2025-07-30 20:30:00	13.82	34.12	0.36	7.18	10.02	115.48
SQU-US	2025-07-30 20:45:00	13.82	33.81	0.37	7.11	10.01	104.93
SQU-US	2025-07-30 21:00:00	13.81	33.89	0.37	7.24	10.00	129.88
SQU-US	2025-07-30 21:15:00	13.81	33.47	0.37	7.24	9.98	113.56
SQU-US	2025-07-30 21:30:00	13.79	33.34	0.37	7.17	9.98	94.19
SQU-US	2025-07-30 21:45:00	13.79	33.47	0.37	7.24	9.97	112.46
SQU-US	2025-07-30 22:00:00	13.79	33.34	0.38	7.17	9.95	177.43
SQU-US	2025-07-30 22:15:00	13.77	33.44	0.38	7.09	9.95	133.72
SQU-US	2025-07-30 22:30:00	13.76	33.75	0.38	7.19	9.94	156.55
SQU-US	2025-07-30 22:45:00	13.76	33.59	0.38	7.16	9.93	133.60
SQU-US	2025-07-30 23:00:00	13.75	34.04	0.38	7.21	9.91	121.54
SQU-US	2025-07-30 23:15:00	13.74	34.49	0.37	7.23	9.90	139.24
SQU-US	2025-07-30 23:30:00	13.71	34.67	0.38	7.22	9.90	200.11
SQU-US	2025-07-30 23:45:00	13.70	35.07	0.38	7.22	9.88	177.78
SQU-US	2025-07-31 00:00:00	13.66	34.98	0.38	7.13	9.89	205.40
SQU-US	2025-07-31 00:15:00	13.62	35.01	0.38	7.05	9.89	162.17
SQU-US	2025-07-31 00:30:00	13.58	34.80	0.37	7.10	9.88	230.71
SQU-US	2025-07-31 00:45:00	13.53	34.82	0.37	7.11	9.88	184.97
SQU-US	2025-07-31 01:00:00	13.46	34.74	0.36	7.14	9.89	224.46
SQU-US	2025-07-31 01:15:00	13.39	33.99	0.36	7.16	9.92	185.16
SQU-US	2025-07-31 01:30:00	13.34	33.77	0.36	7.13	9.91	183.71
SQU-US	2025-07-31 01:45:00	13.27	32.88	0.37	7.03	9.95	216.62
SQU-US	2025-07-31 02:00:00	13.21	32.60	0.36	7.12	9.97	226.75
SQU-US	2025-07-31 02:15:00	13.14	32.50	0.36	7.11	10.00	252.51
SQU-US	2025-07-31 02:30:00	13.07	31.43	0.37	7.11	10.01	226.84
SQU-US	2025-07-31 02:45:00	13.00	31.50	0.37	7.12	10.02	252.72
SQU-US	2025-07-31 03:00:00	12.93	31.03	0.37	7.18	10.04	247.57
SQU-US	2025-07-31 03:15:00	12.85	30.54	0.37	7.08	10.07	288.07
SQU-US	2025-07-31 03:30:00	12.78	30.38	0.37	7.19	10.09	263.96
SQU-US	2025-07-31 03:45:00	12.71	29.97	0.37	7.19	10.11	287.26
SQU-US	2025-07-31 04:00:00	12.64	29.61	0.38	7.08	10.12	278.00
SQU-US	2025-07-31 04:15:00	12.58	29.81	0.37	7.12	10.13	313.96
SQU-US	2025-07-31 04:30:00	12.52	29.63	0.37	7.09	10.15	291.97
SQU-US	2025-07-31 04:45:00	12.46	29.46	0.37	7.12	10.17	282.25
SQU-US	2025-07-31 05:00:00	12.40	29.14	0.37	7.14	10.18	290.50
SQU-US	2025-07-31 05:15:00	12.35	28.97	0.37	7.14	10.19	296.89
SQU-US	2025-07-31 05:30:00	12.30	28.47	0.37	7.15	10.20	274.16
SQU-US	2025-07-31 05:45:00	12.25	28.48	0.38	7.08	10.22	264.34
SQU-US	2025-07-31 06:00:00	12.21	28.55	0.38	6.98	10.24	259.44
SQU-US	2025-07-31 06:15:00	12.17	28.19	0.37	7.08	10.25	332.30
SQU-US	2025-07-31 06:30:00	12.14	28.02	0.38	7.07	10.24	279.32
SQU-US	2025-07-31 06:45:00	12.12	27.77	0.38	7.09	10.25	278.38
SQU-US	2025-07-31 07:00:00	12.10	27.67	0.37	7.15	10.26	300.12
SQU-US	2025-07-31 07:15:00	12.09	27.75	0.37	7.15	10.26	278.15
SQU-US	2025-07-31 07:30:00	12.08	27.88	0.37	7.09	10.28	243.02
SQU-US	2025-07-31 07:45:00	12.08	27.74	0.38	7.04	10.28	283.19
SQU-US	2025-07-31 08:00:00	12.09	27.60	0.38	7.09	10.27	232.09
SQU-US	2025-07-31 08:15:00	12.10	27.09	0.38	7.08	10.30	291.07
SQU-US	2025-07-31 08:30:00	12.13	27.33	0.38	7.05	10.29	250.06
SQU-US	2025-07-31 08:45:00	12.14	27.27	0.38	7.05	10.29	259.02
SQU-US	2025-07-31 09:00:00	12.17	27.19	0.37	7.11	10.30	248.02
SQU-US	2025-07-31 09:15:00	12.21	26.96	0.37	7.18	10.30	268.65
SQU-US	2025-07-31 09:30:00	12.26	27.03	0.37	7.14	10.30	244.35
SQU-US	2025-07-31 09:45:00	12.33	27.31	0.37	7.18	10.31	251.42
SQU-US	2025-07-31 10:00:00	12.38	27.17	0.38	7.00	10.30	236.72
SQU-US	2025-07-31 10:15:00	12.45	27.19	0.37	7.11	10.32	188.12
SQU-US	2025-07-31 10:30:00	12.50	26.92	0.37	7.04	10.34	271.16

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-31 10:45:00	12.56	26.73	0.37	7.11	10.34	206.85
SQU-US	2025-07-31 11:00:00	12.62	27.18	0.38	7.09	10.33	199.35
SQU-US	2025-07-31 11:15:00	12.69	27.16	0.37	7.12	10.34	192.88
SQU-US	2025-07-31 11:30:00	12.75	27.25	0.37	7.15	10.35	214.97
SQU-US	2025-07-31 11:45:00	12.79	27.09	0.38	6.95	10.35	178.55
SQU-US	2025-07-31 12:00:00	12.85	27.64	0.37	7.10	10.34	155.32
SQU-US	2025-07-31 12:15:00	12.94	27.75	0.37	7.12	10.34	188.50
SQU-US	2025-07-31 12:30:00	13.04	27.77	0.37	7.14	10.32	199.02
SQU-US	2025-07-31 12:45:00	13.15	28.27	0.37	7.14	10.33	211.94
SQU-US	2025-07-31 13:00:00	13.25	28.49	0.36	7.21	10.32	191.01
SQU-US	2025-07-31 13:15:00	13.35	28.90	0.36	7.25	10.33	230.39
SQU-US	2025-07-31 13:30:00	13.48	29.19	0.36	7.19	10.32	147.26
SQU-US	2025-07-31 13:45:00	13.59	29.33	0.36	7.20	10.31	161.03
SQU-US	2025-07-31 14:00:00	13.68	29.47	0.37	7.15	10.29	136.92
SQU-US	2025-07-31 14:15:00	13.78	29.97	0.36	7.19	10.30	164.09
SQU-US	2025-07-31 14:30:00	13.86	30.37	0.36	7.19	10.29	146.14
SQU-US	2025-07-31 14:45:00	13.93	30.52	0.36	7.19	10.28	168.60
SQU-US	2025-07-31 15:00:00	13.99	31.00	0.36	7.23	10.26	202.82
SQU-US	2025-07-31 15:15:00	14.05	31.27	0.36	7.25	10.25	154.03
SQU-US	2025-07-31 15:30:00	14.10	31.45	0.36	7.24	10.25	159.31
SQU-US	2025-07-31 15:45:00	14.15	31.40	0.36	7.23	10.25	162.07
SQU-US	2025-07-31 16:00:00	14.17	31.24	0.36	7.19	10.25	116.04
SQU-US	2025-07-31 16:15:00	14.20	31.58	0.36	7.19	10.23	161.65
SQU-US	2025-07-31 16:30:00	14.24	31.84	0.36	7.20	10.22	101.60
SQU-US	2025-07-31 16:45:00	14.27	31.26	0.36	7.19	10.23	172.18
SQU-US	2025-07-31 17:00:00	14.31	31.48	0.36	7.25	10.20	145.12
SQU-US	2025-07-31 17:15:00	14.32	31.72	0.36	7.21	10.18	128.34
SQU-US	2025-07-31 17:30:00	14.33	31.56	0.36	7.18	10.19	118.05
SQU-US	2025-07-31 17:45:00	14.33	31.69	0.36	7.25	10.18	111.21
SQU-US	2025-07-31 18:00:00	14.31	32.04	0.36	7.20	10.16	128.42
SQU-US	2025-07-31 18:15:00	14.30	32.30	0.36	7.16	10.14	131.35
SQU-US	2025-07-31 18:30:00	14.30	31.86	0.36	7.17	10.14	121.29
SQU-US	2025-07-31 18:45:00	14.31	31.83	0.36	7.21	10.12	89.10
SQU-US	2025-07-31 19:00:00	14.32	32.21	0.36	7.23	10.11	153.05
SQU-US	2025-07-31 19:15:00	14.32	31.98	0.36	7.21	10.10	101.10
SQU-US	2025-07-31 19:30:00	14.30	32.27	0.36	7.22	10.08	93.94
SQU-US	2025-07-31 19:45:00	14.28	32.40	0.36	7.24	10.07	145.39
SQU-US	2025-07-31 20:00:00	14.26	32.42	0.36	7.20	10.04	108.04
SQU-US	2025-07-31 20:15:00	14.25	32.47	0.36	7.20	10.03	150.15
SQU-US	2025-07-31 20:30:00	14.24	32.46	0.37	7.19	10.02	124.08
SQU-US	2025-07-31 20:45:00	14.22	32.17	0.38	7.07	9.99	140.70
SQU-US	2025-07-31 21:00:00	14.20	32.35	0.37	7.27	9.98	128.05
SQU-US	2025-07-31 21:15:00	14.18	31.91	0.37	7.25	9.97	107.34
SQU-US	2025-07-31 21:30:00	14.17	32.05	0.37	7.22	9.96	163.15
SQU-US	2025-07-31 21:45:00	14.15	31.97	0.37	7.30	9.93	109.77
SQU-US	2025-07-31 22:00:00	14.14	32.43	0.38	7.19	9.91	148.75
SQU-US	2025-07-31 22:15:00	14.13	32.32	0.37	7.21	9.92	120.47
SQU-US	2025-07-31 22:30:00	14.12	32.66	0.38	7.16	9.90	198.97
SQU-US	2025-07-31 22:45:00	14.10	32.75	0.38	7.19	9.90	173.30
SQU-US	2025-07-31 23:00:00	14.07	32.93	0.37	7.26	9.88	168.69
SQU-US	2025-07-31 23:15:00	14.04	33.10	0.36	7.26	9.89	179.86
SQU-US	2025-07-31 23:30:00	14.00	32.64	0.37	7.15	9.89	153.83
SQU-US	2025-07-31 23:45:00	13.97	33.52	0.37	7.19	9.88	187.70
SQU-US	2025-08-01 00:00:00	13.92	33.32	0.38	7.17	9.89	200.37
SQU-US	2025-08-01 00:15:00	13.89	33.41	0.37	7.16	9.90	162.69
SQU-US	2025-08-01 00:30:00	13.85	33.58	0.37	7.17	9.89	165.81
SQU-US	2025-08-01 00:45:00	13.80	32.86	0.37	7.14	9.89	170.51
SQU-US	2025-08-01 01:00:00	13.75	33.33	0.36	7.22	9.90	166.13
SQU-US	2025-08-01 01:15:00	13.69	33.11	0.35	7.21	9.89	208.44

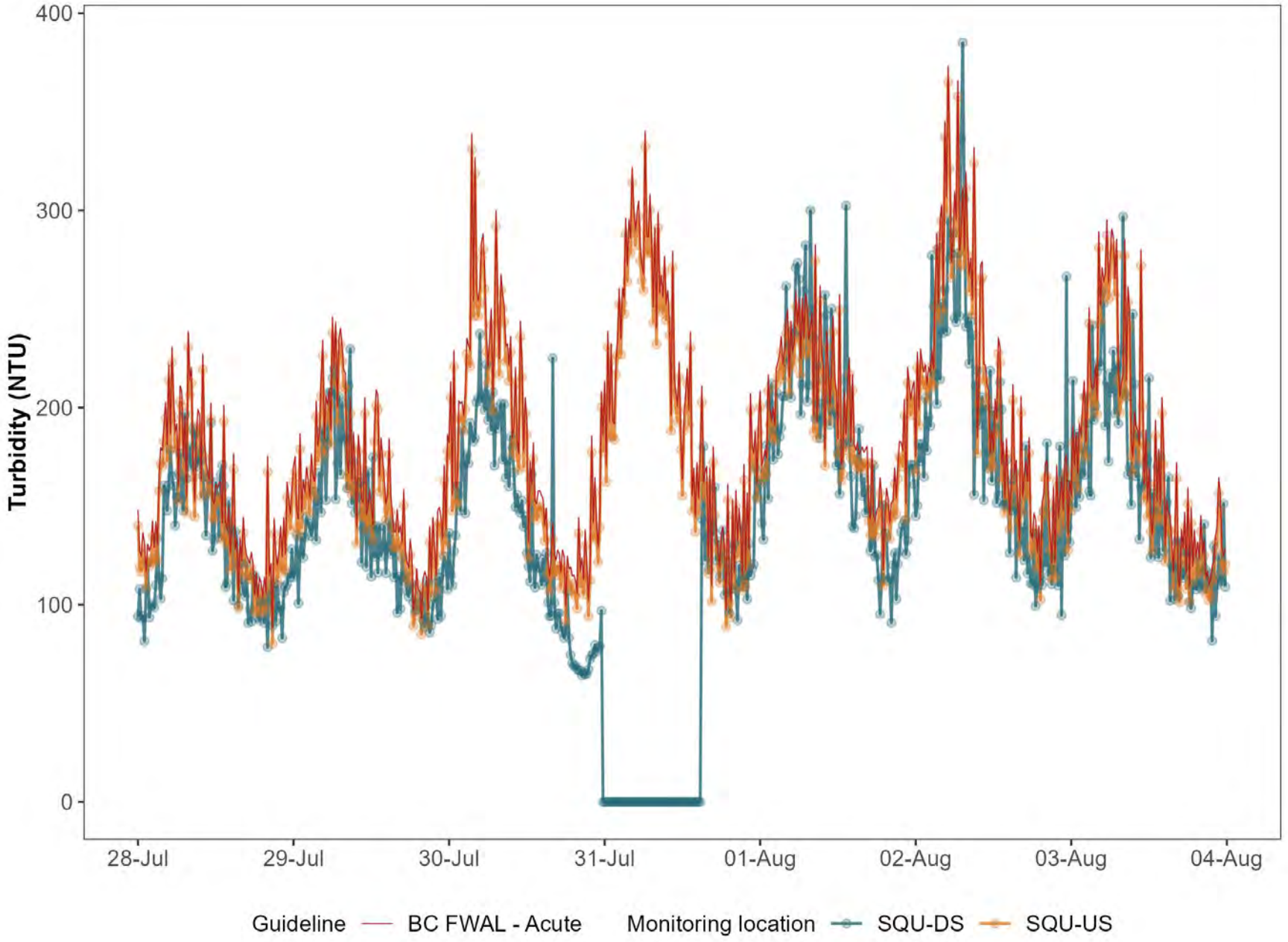
Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-08-01 01:30:00	13.64	33.12	0.35	7.22	9.90	191.39
SQU-US	2025-08-01 01:45:00	13.58	33.05	0.35	7.20	9.90	185.36
SQU-US	2025-08-01 02:00:00	13.52	32.56	0.36	7.10	9.92	192.02
SQU-US	2025-08-01 02:15:00	13.47	32.97	0.35	7.15	9.93	183.17
SQU-US	2025-08-01 02:30:00	13.40	31.98	0.36	7.06	9.96	211.65
SQU-US	2025-08-01 02:45:00	13.35	31.95	0.36	7.07	9.96	215.38
SQU-US	2025-08-01 03:00:00	13.27	31.49	0.36	7.12	9.99	219.32
SQU-US	2025-08-01 03:15:00	13.21	31.14	0.36	7.16	10.01	227.93
SQU-US	2025-08-01 03:30:00	13.15	30.93	0.36	7.22	10.03	214.25
SQU-US	2025-08-01 03:45:00	13.09	30.83	0.36	7.21	10.05	220.64
SQU-US	2025-08-01 04:00:00	13.02	30.22	0.37	7.12	10.05	237.60
SQU-US	2025-08-01 04:15:00	12.95	30.27	0.36	7.14	10.09	241.06
SQU-US	2025-08-01 04:30:00	12.88	29.96	0.37	7.13	10.09	207.39
SQU-US	2025-08-01 04:45:00	12.80	29.41	0.37	7.12	10.11	235.75
SQU-US	2025-08-01 05:00:00	12.73	29.19	0.36	7.17	10.14	220.13
SQU-US	2025-08-01 05:15:00	12.66	28.64	0.36	7.09	10.15	224.35
SQU-US	2025-08-01 05:30:00	12.61	28.82	0.36	7.18	10.16	250.93
SQU-US	2025-08-01 05:45:00	12.54	28.18	0.36	7.20	10.17	233.63
SQU-US	2025-08-01 06:00:00	12.50	28.37	0.37	7.10	10.18	247.17
SQU-US	2025-08-01 06:15:00	12.46	28.19	0.37	7.10	10.20	216.71
SQU-US	2025-08-01 06:30:00	12.42	28.16	0.37	7.10	10.20	247.58
SQU-US	2025-08-01 06:45:00	12.38	27.70	0.37	7.13	10.21	226.99
SQU-US	2025-08-01 07:00:00	12.36	27.70	0.36	7.17	10.22	249.67
SQU-US	2025-08-01 07:15:00	12.34	27.92	0.36	7.15	10.22	243.84
SQU-US	2025-08-01 07:30:00	12.32	27.61	0.36	7.14	10.23	226.83
SQU-US	2025-08-01 07:45:00	12.32	27.67	0.36	7.15	10.25	232.26
SQU-US	2025-08-01 08:00:00	12.32	27.31	0.37	7.08	10.25	239.98
SQU-US	2025-08-01 08:15:00	12.35	27.98	0.36	7.11	10.25	187.74
SQU-US	2025-08-01 08:30:00	12.37	27.53	0.36	7.11	10.27	274.59
SQU-US	2025-08-01 08:45:00	12.41	27.29	0.36	7.07	10.28	184.57
SQU-US	2025-08-01 09:00:00	12.46	27.31	0.36	7.19	10.29	210.12
SQU-US	2025-08-01 09:15:00	12.52	27.67	0.35	7.21	10.29	253.93
SQU-US	2025-08-01 09:30:00	12.58	27.39	0.36	7.18	10.31	217.88
SQU-US	2025-08-01 09:45:00	12.64	27.33	0.36	7.16	10.30	213.22
SQU-US	2025-08-01 10:00:00	12.72	27.63	0.36	7.13	10.32	170.52
SQU-US	2025-08-01 10:15:00	12.78	27.52	0.36	7.12	10.32	230.86
SQU-US	2025-08-01 10:30:00	12.85	27.50	0.36	7.12	10.33	213.67
SQU-US	2025-08-01 10:45:00	12.92	27.19	0.37	7.06	10.34	193.14
SQU-US	2025-08-01 11:00:00	12.99	26.99	0.36	7.18	10.33	210.60
SQU-US	2025-08-01 11:15:00	13.06	27.13	0.35	7.22	10.34	238.47
SQU-US	2025-08-01 11:30:00	13.12	26.47	0.36	7.23	10.35	207.38
SQU-US	2025-08-01 11:45:00	13.19	26.85	0.36	7.15	10.35	200.12
SQU-US	2025-08-01 12:00:00	13.26	27.08	0.36	7.16	10.35	175.89
SQU-US	2025-08-01 12:15:00	13.32	26.94	0.36	7.17	10.35	249.41
SQU-US	2025-08-01 12:30:00	13.39	27.15	0.36	7.16	10.37	162.92
SQU-US	2025-08-01 12:45:00	13.46	27.14	0.36	7.18	10.36	166.31
SQU-US	2025-08-01 13:00:00	13.55	27.57	0.36	7.22	10.34	200.03
SQU-US	2025-08-01 13:15:00	13.63	27.30	0.36	6.98	10.35	178.27
SQU-US	2025-08-01 13:30:00	13.73	28.51	0.35	7.19	10.33	202.88
SQU-US	2025-08-01 13:45:00	13.83	28.58	0.35	7.23	10.32	216.99
SQU-US	2025-08-01 14:00:00	13.91	28.46	0.35	7.20	10.31	174.43
SQU-US	2025-08-01 14:15:00	14.02	30.37	0.35	7.18	10.27	208.56
SQU-US	2025-08-01 14:30:00	14.11	30.08	0.35	7.19	10.28	173.38
SQU-US	2025-08-01 14:45:00	14.17	29.62	0.35	7.21	10.28	170.38
SQU-US	2025-08-01 15:00:00	14.24	30.26	0.35	7.26	10.26	174.17
SQU-US	2025-08-01 15:15:00	14.29	30.24	0.35	7.22	10.25	168.28
SQU-US	2025-08-01 15:30:00	14.35	30.38	0.35	7.27	10.25	169.93
SQU-US	2025-08-01 15:45:00	14.40	30.72	0.35	7.29	10.24	172.02
SQU-US	2025-08-01 16:00:00	14.45	30.58	0.35	7.22	10.23	169.32

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-08-01 16:15:00	14.45	30.92	0.35	7.21	10.22	170.87
SQU-US	2025-08-01 16:30:00	14.45	31.26	0.35	7.21	10.20	172.39
SQU-US	2025-08-01 16:45:00	14.44	30.29	0.35	7.21	10.21	142.28
SQU-US	2025-08-01 17:00:00	14.46	30.93	0.36	7.13	10.18	135.24
SQU-US	2025-08-01 17:15:00	14.48	30.98	0.35	7.13	10.18	171.61
SQU-US	2025-08-01 17:30:00	14.51	30.87	0.35	7.29	10.18	136.71
SQU-US	2025-08-01 17:45:00	14.52	31.14	0.36	7.17	10.16	134.64
SQU-US	2025-08-01 18:00:00	14.53	31.58	0.35	7.20	10.15	140.09
SQU-US	2025-08-01 18:15:00	14.53	31.68	0.35	7.23	10.13	141.73
SQU-US	2025-08-01 18:30:00	14.52	31.87	0.35	7.16	10.12	156.34
SQU-US	2025-08-01 18:45:00	14.51	31.97	0.35	7.19	10.09	146.02
SQU-US	2025-08-01 19:00:00	14.51	32.23	0.35	7.28	10.10	109.73
SQU-US	2025-08-01 19:15:00	14.51	31.92	0.35	7.13	10.09	134.63
SQU-US	2025-08-01 19:30:00	14.48	31.74	0.35	7.26	10.06	150.94
SQU-US	2025-08-01 19:45:00	14.46	31.61	0.35	7.29	10.05	145.58
SQU-US	2025-08-01 20:00:00	14.44	31.64	0.36	7.19	10.01	133.51
SQU-US	2025-08-01 20:15:00	14.43	32.08	0.36	7.19	9.98	143.85
SQU-US	2025-08-01 20:30:00	14.40	31.81	0.36	7.16	9.97	144.69
SQU-US	2025-08-01 20:45:00	14.37	31.33	0.36	7.20	9.97	161.53
SQU-US	2025-08-01 21:00:00	14.35	31.50	0.36	7.22	9.94	146.07
SQU-US	2025-08-01 21:15:00	14.33	31.18	0.36	7.22	9.94	163.82
SQU-US	2025-08-01 21:30:00	14.30	31.40	0.36	7.24	9.93	175.01
SQU-US	2025-08-01 21:45:00	14.29	31.00	0.37	7.24	9.92	174.35
SQU-US	2025-08-01 22:00:00	14.27	30.82	0.37	7.16	9.92	170.00
SQU-US	2025-08-01 22:15:00	14.26	31.36	0.37	7.19	9.91	196.00
SQU-US	2025-08-01 22:30:00	14.24	31.28	0.37	7.18	9.90	143.18
SQU-US	2025-08-01 22:45:00	14.20	31.12	0.37	7.17	9.91	212.33
SQU-US	2025-08-01 23:00:00	14.17	31.08	0.37	7.19	9.91	204.24
SQU-US	2025-08-01 23:15:00	14.13	31.33	0.36	7.26	9.91	196.16
SQU-US	2025-08-01 23:30:00	14.10	31.34	0.36	7.23	9.91	202.29
SQU-US	2025-08-01 23:45:00	14.07	31.04	0.37	7.23	9.91	205.33
SQU-US	2025-08-02 00:00:00	14.02	31.12	0.37	7.16	9.91	167.10
SQU-US	2025-08-02 00:15:00	13.97	31.68	0.37	7.16	9.91	220.03
SQU-US	2025-08-02 00:30:00	13.91	31.38	0.37	7.15	9.92	191.07
SQU-US	2025-08-02 00:45:00	13.85	31.40	0.37	7.14	9.93	221.73
SQU-US	2025-08-02 01:00:00	13.80	31.58	0.37	7.18	9.93	214.11
SQU-US	2025-08-02 01:15:00	13.73	31.36	0.35	7.22	9.96	209.99
SQU-US	2025-08-02 01:30:00	13.66	31.08	0.36	7.15	9.95	213.85
SQU-US	2025-08-02 01:45:00	13.60	31.06	0.36	7.21	9.96	203.71
SQU-US	2025-08-02 02:00:00	13.54	30.88	0.36	7.15	9.97	212.39
SQU-US	2025-08-02 02:15:00	13.47	30.70	0.36	7.15	10.00	209.64
SQU-US	2025-08-02 02:30:00	13.40	30.47	0.36	7.11	10.00	221.02
SQU-US	2025-08-02 02:45:00	13.32	30.21	0.36	7.11	10.03	211.27
SQU-US	2025-08-02 03:00:00	13.25	29.73	0.36	7.09	10.04	250.64
SQU-US	2025-08-02 03:15:00	13.19	30.11	0.35	7.21	10.06	280.22
SQU-US	2025-08-02 03:30:00	13.13	29.83	0.36	7.09	10.07	244.45
SQU-US	2025-08-02 03:45:00	13.07	29.64	0.36	7.18	10.08	287.02
SQU-US	2025-08-02 04:00:00	13.02	28.81	0.37	7.11	10.10	294.86
SQU-US	2025-08-02 04:15:00	12.98	29.13	0.36	7.13	10.10	248.73
SQU-US	2025-08-02 04:30:00	12.94	29.17	0.36	7.13	10.11	337.24
SQU-US	2025-08-02 04:45:00	12.89	28.32	0.36	7.15	10.12	299.00
SQU-US	2025-08-02 05:00:00	12.85	28.82	0.36	7.16	10.14	365.06
SQU-US	2025-08-02 05:15:00	12.81	28.77	0.35	7.17	10.15	321.44
SQU-US	2025-08-02 05:30:00	12.77	28.22	0.36	7.14	10.16	266.05
SQU-US	2025-08-02 05:45:00	12.73	28.24	0.36	7.10	10.17	275.76
SQU-US	2025-08-02 06:00:00	12.69	28.18	0.37	7.06	10.17	301.32
SQU-US	2025-08-02 06:15:00	12.64	27.62	0.36	7.08	10.20	287.21
SQU-US	2025-08-02 06:30:00	12.59	27.67	0.36	7.07	10.20	357.74
SQU-US	2025-08-02 06:45:00	12.55	27.33	0.36	7.11	10.20	271.60

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-08-02 07:00:00	12.52	27.22	0.36	7.15	10.21	279.25
SQU-US	2025-08-02 07:15:00	12.48	26.76	0.35	7.12	10.22	303.20
SQU-US	2025-08-02 07:30:00	12.47	26.97	0.36	7.11	10.23	272.31
SQU-US	2025-08-02 07:45:00	12.45	26.49	0.36	7.11	10.25	311.16
SQU-US	2025-08-02 08:00:00	12.45	26.48	0.36	7.08	10.26	277.28
SQU-US	2025-08-02 08:15:00	12.45	26.56	0.36	7.09	10.26	258.90
SQU-US	2025-08-02 08:30:00	12.46	26.32	0.36	7.04	10.26	267.99
SQU-US	2025-08-02 08:45:00	12.46	25.91	0.36	7.08	10.29	247.20
SQU-US	2025-08-02 09:00:00	12.48	26.44	0.36	7.12	10.29	323.94
SQU-US	2025-08-02 09:15:00	12.51	26.21	0.36	7.07	10.30	258.20
SQU-US	2025-08-02 09:30:00	12.54	25.84	0.36	7.10	10.32	176.73
SQU-US	2025-08-02 09:45:00	12.59	26.11	0.36	7.06	10.33	202.45
SQU-US	2025-08-02 10:00:00	12.65	26.31	0.36	7.09	10.32	264.17
SQU-US	2025-08-02 10:15:00	12.71	26.53	0.36	7.09	10.34	266.05
SQU-US	2025-08-02 10:30:00	12.77	26.26	0.36	7.04	10.35	214.31
SQU-US	2025-08-02 10:45:00	12.85	26.72	0.36	7.09	10.35	213.52
SQU-US	2025-08-02 11:00:00	12.91	26.60	0.36	7.09	10.37	203.99
SQU-US	2025-08-02 11:15:00	12.97	26.26	0.35	7.19	10.37	200.73
SQU-US	2025-08-02 11:30:00	13.04	26.50	0.35	7.18	10.38	168.54
SQU-US	2025-08-02 11:45:00	13.12	26.85	0.36	7.18	10.37	180.51
SQU-US	2025-08-02 12:00:00	13.19	26.60	0.36	7.12	10.38	169.86
SQU-US	2025-08-02 12:15:00	13.27	27.01	0.35	7.12	10.38	196.37
SQU-US	2025-08-02 12:30:00	13.35	27.05	0.36	7.07	10.38	186.10
SQU-US	2025-08-02 12:45:00	13.45	27.42	0.36	7.14	10.38	227.37
SQU-US	2025-08-02 13:00:00	13.52	27.16	0.35	7.22	10.37	222.72
SQU-US	2025-08-02 13:15:00	13.61	27.43	0.35	7.19	10.38	163.34
SQU-US	2025-08-02 13:30:00	13.69	28.01	0.35	7.22	10.36	174.70
SQU-US	2025-08-02 13:45:00	13.78	28.49	0.35	7.23	10.34	146.47
SQU-US	2025-08-02 14:00:00	13.84	27.82	0.36	7.18	10.36	176.12
SQU-US	2025-08-02 14:15:00	13.91	28.22	0.36	7.15	10.36	155.78
SQU-US	2025-08-02 14:30:00	13.99	28.69	0.36	7.17	10.35	138.20
SQU-US	2025-08-02 14:45:00	14.06	29.12	0.36	7.15	10.33	151.83
SQU-US	2025-08-02 15:00:00	14.11	29.06	0.35	7.25	10.33	203.72
SQU-US	2025-08-02 15:15:00	14.17	29.31	0.34	7.26	10.31	158.08
SQU-US	2025-08-02 15:30:00	14.23	29.92	0.35	7.22	10.31	165.38
SQU-US	2025-08-02 15:45:00	14.28	29.92	0.35	7.23	10.30	142.25
SQU-US	2025-08-02 16:00:00	14.31	29.89	0.36	7.16	10.30	125.12
SQU-US	2025-08-02 16:15:00	14.33	29.70	0.35	7.18	10.28	197.66
SQU-US	2025-08-02 16:30:00	14.36	30.19	0.35	7.20	10.29	146.53
SQU-US	2025-08-02 16:45:00	14.37	30.44	0.36	7.17	10.27	158.65
SQU-US	2025-08-02 17:00:00	14.38	30.33	0.35	7.27	10.25	165.04
SQU-US	2025-08-02 17:15:00	14.39	30.73	0.34	7.26	10.25	154.39
SQU-US	2025-08-02 17:30:00	14.41	31.35	0.35	7.23	10.19	176.94
SQU-US	2025-08-02 17:45:00	14.42	31.36	0.35	7.17	10.20	129.42
SQU-US	2025-08-02 18:00:00	14.40	31.63	0.36	7.16	10.20	125.23
SQU-US	2025-08-02 18:15:00	14.37	31.77	0.35	7.18	10.18	138.45
SQU-US	2025-08-02 18:30:00	14.34	31.71	0.35	7.16	10.18	135.32
SQU-US	2025-08-02 18:45:00	14.31	31.85	0.36	7.16	10.15	118.65
SQU-US	2025-08-02 19:00:00	14.29	32.15	0.36	7.13	10.13	131.76
SQU-US	2025-08-02 19:15:00	14.26	32.10	0.34	7.23	10.11	102.55
SQU-US	2025-08-02 19:30:00	14.22	32.12	0.35	7.23	10.10	144.08
SQU-US	2025-08-02 19:45:00	14.16	32.07	0.35	7.24	10.08	148.21
SQU-US	2025-08-02 20:00:00	14.10	32.21	0.35	7.13	10.06	163.85
SQU-US	2025-08-02 20:15:00	14.06	31.97	0.35	7.15	10.04	165.05
SQU-US	2025-08-02 20:30:00	14.02	31.94	0.36	7.13	10.01	145.82
SQU-US	2025-08-02 20:45:00	13.97	32.07	0.36	7.11	10.01	127.82
SQU-US	2025-08-02 21:00:00	13.94	32.09	0.35	7.20	10.00	113.04
SQU-US	2025-08-02 21:15:00	13.91	31.85	0.35	7.18	9.98	152.23
SQU-US	2025-08-02 21:30:00	13.90	31.68	0.35	7.18	9.97	113.68

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-08-02 21:45:00	13.90	31.21	0.36	7.18	9.97	162.66
SQU-US	2025-08-02 22:00:00	13.90	31.39	0.36	7.11	9.95	136.19
SQU-US	2025-08-02 22:15:00	13.91	31.45	0.36	7.12	9.96	146.42
SQU-US	2025-08-02 22:30:00	13.90	31.82	0.36	7.11	9.94	156.31
SQU-US	2025-08-02 22:45:00	13.90	31.32	0.37	7.11	9.94	139.83
SQU-US	2025-08-02 23:00:00	13.90	31.26	0.36	7.20	9.93	165.29
SQU-US	2025-08-02 23:15:00	13.87	31.17	0.35	7.20	9.94	167.82
SQU-US	2025-08-02 23:30:00	13.83	30.83	0.37	7.10	9.95	127.58
SQU-US	2025-08-02 23:45:00	13.78	31.04	0.37	7.22	9.95	154.91
SQU-US	2025-08-03 00:00:00	13.74	31.03	0.37	7.12	9.95	147.35
SQU-US	2025-08-03 00:15:00	13.67	30.83	0.37	7.16	9.97	182.34
SQU-US	2025-08-03 00:30:00	13.60	31.36	0.37	7.15	9.96	162.34
SQU-US	2025-08-03 00:45:00	13.52	31.07	0.37	7.13	9.99	179.32
SQU-US	2025-08-03 01:00:00	13.44	31.38	0.37	7.11	9.99	158.37
SQU-US	2025-08-03 01:15:00	13.36	31.50	0.35	7.16	10.01	183.82
SQU-US	2025-08-03 01:30:00	13.28	31.18	0.36	7.12	10.01	177.72
SQU-US	2025-08-03 01:45:00	13.21	31.13	0.36	7.12	10.01	193.33
SQU-US	2025-08-03 02:00:00	13.13	30.97	0.36	7.09	10.05	205.40
SQU-US	2025-08-03 02:15:00	13.05	30.51	0.36	7.09	10.05	174.64
SQU-US	2025-08-03 02:30:00	12.97	30.59	0.36	7.06	10.08	196.03
SQU-US	2025-08-03 02:45:00	12.90	30.48	0.36	7.11	10.09	242.69
SQU-US	2025-08-03 03:00:00	12.81	30.06	0.36	7.14	10.11	205.62
SQU-US	2025-08-03 03:15:00	12.73	29.50	0.35	7.17	10.14	201.25
SQU-US	2025-08-03 03:30:00	12.66	29.60	0.36	7.09	10.16	202.24
SQU-US	2025-08-03 03:45:00	12.59	29.14	0.37	6.99	10.18	213.81
SQU-US	2025-08-03 04:00:00	12.52	29.04	0.37	7.08	10.19	196.43
SQU-US	2025-08-03 04:15:00	12.45	28.62	0.36	7.11	10.21	281.08
SQU-US	2025-08-03 04:30:00	12.39	28.39	0.37	7.05	10.22	243.87
SQU-US	2025-08-03 04:45:00	12.35	28.37	0.37	7.07	10.24	263.07
SQU-US	2025-08-03 05:00:00	12.29	27.58	0.37	7.15	10.25	255.75
SQU-US	2025-08-03 05:15:00	12.26	28.02	0.36	7.17	10.25	260.46
SQU-US	2025-08-03 05:30:00	12.22	27.37	0.36	7.10	10.26	287.19
SQU-US	2025-08-03 05:45:00	12.19	27.65	0.37	7.13	10.24	254.98
SQU-US	2025-08-03 06:00:00	12.16	27.32	0.37	7.08	10.27	267.42
SQU-US	2025-08-03 06:15:00	12.13	26.89	0.37	7.04	10.29	282.63
SQU-US	2025-08-03 06:30:00	12.12	27.01	0.37	7.07	10.28	278.36
SQU-US	2025-08-03 06:45:00	12.10	26.43	0.37	7.09	10.29	257.33
SQU-US	2025-08-03 07:00:00	12.09	26.84	0.36	7.17	10.29	277.47
SQU-US	2025-08-03 07:15:00	12.10	26.82	0.35	7.11	10.30	214.17
SQU-US	2025-08-03 07:30:00	12.12	26.95	0.36	7.16	10.31	197.44
SQU-US	2025-08-03 07:45:00	12.13	26.79	0.36	7.11	10.30	204.61
SQU-US	2025-08-03 08:00:00	12.14	26.85	0.37	7.02	10.32	209.14
SQU-US	2025-08-03 08:15:00	12.14	26.52	0.37	7.00	10.33	277.16
SQU-US	2025-08-03 08:30:00	12.16	26.71	0.37	7.09	10.35	205.90
SQU-US	2025-08-03 08:45:00	12.17	26.61	0.37	7.09	10.36	253.36
SQU-US	2025-08-03 09:00:00	12.20	26.83	0.36	7.12	10.36	241.50
SQU-US	2025-08-03 09:15:00	12.24	27.03	0.35	7.16	10.38	175.67
SQU-US	2025-08-03 09:30:00	12.29	26.76	0.36	7.09	10.40	167.05
SQU-US	2025-08-03 09:45:00	12.36	27.14	0.37	7.06	10.39	189.83
SQU-US	2025-08-03 10:00:00	12.42	26.89	0.36	7.12	10.40	182.35
SQU-US	2025-08-03 10:15:00	12.48	27.30	0.36	7.11	10.40	180.57
SQU-US	2025-08-03 10:30:00	12.54	27.25	0.37	7.04	10.42	173.37
SQU-US	2025-08-03 10:45:00	12.62	27.68	0.36	7.12	10.41	271.99
SQU-US	2025-08-03 11:00:00	12.72	27.60	0.36	7.19	10.40	200.43
SQU-US	2025-08-03 11:15:00	12.82	27.96	0.35	7.09	10.41	152.94
SQU-US	2025-08-03 11:30:00	12.92	28.16	0.36	7.15	10.40	180.61

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-08-03 11:45:00	12.99	28.06	0.36	7.15	10.41	144.52
SQU-US	2025-08-03 12:00:00	13.06	28.00	0.36	7.11	10.41	161.59
SQU-US	2025-08-03 12:15:00	13.11	28.24	0.36	7.09	10.41	137.26
SQU-US	2025-08-03 12:30:00	13.18	28.49	0.36	7.10	10.41	127.51
SQU-US	2025-08-03 12:45:00	13.23	28.52	0.36	7.08	10.39	142.96
SQU-US	2025-08-03 13:00:00	13.27	28.83	0.35	7.19	10.39	185.66
SQU-US	2025-08-03 13:15:00	13.32	29.20	0.34	7.18	10.38	144.48
SQU-US	2025-08-03 13:30:00	13.37	29.08	0.35	7.17	10.39	170.90
SQU-US	2025-08-03 13:45:00	13.42	29.18	0.35	7.19	10.41	142.68
SQU-US	2025-08-03 14:00:00	13.48	29.67	0.36	7.15	10.38	197.14
SQU-US	2025-08-03 14:15:00	13.53	30.03	0.35	7.16	10.37	171.09
SQU-US	2025-08-03 14:30:00	13.61	29.99	0.36	7.13	10.36	121.78
SQU-US	2025-08-03 14:45:00	13.68	30.31	0.35	7.17	10.36	144.71
SQU-US	2025-08-03 15:00:00	13.75	30.36	0.35	7.22	10.37	138.38
SQU-US	2025-08-03 15:15:00	13.80	30.53	0.34	7.24	10.35	137.24
SQU-US	2025-08-03 15:30:00	13.86	31.11	0.34	7.28	10.34	125.16
SQU-US	2025-08-03 15:45:00	13.92	31.72	0.35	7.26	10.34	108.46
SQU-US	2025-08-03 16:00:00	13.96	32.06	0.35	7.18	10.31	128.77
SQU-US	2025-08-03 16:15:00	13.98	31.98	0.35	7.20	10.30	164.02
SQU-US	2025-08-03 16:30:00	14.00	32.11	0.35	7.21	10.32	104.71
SQU-US	2025-08-03 16:45:00	14.01	32.20	0.35	7.20	10.32	101.21
SQU-US	2025-08-03 17:00:00	14.02	33.38	0.35	7.25	10.28	130.17
SQU-US	2025-08-03 17:15:00	13.99	33.41	0.34	7.25	10.27	120.80
SQU-US	2025-08-03 17:30:00	13.97	33.87	0.35	7.24	10.27	138.87
SQU-US	2025-08-03 17:45:00	13.96	33.59	0.35	7.19	10.26	108.17
SQU-US	2025-08-03 18:00:00	13.95	34.03	0.35	7.18	10.25	151.27
SQU-US	2025-08-03 18:15:00	13.93	34.26	0.35	7.12	10.25	101.70
SQU-US	2025-08-03 18:30:00	13.90	34.21	0.35	7.17	10.22	141.39
SQU-US	2025-08-03 18:45:00	13.86	34.57	0.35	7.17	10.20	111.46
SQU-US	2025-08-03 19:00:00	13.80	34.57	0.35	7.22	10.18	129.84
SQU-US	2025-08-03 19:15:00	13.75	34.71	0.34	7.22	10.18	115.82
SQU-US	2025-08-03 19:30:00	13.70	34.75	0.35	7.16	10.15	123.72
SQU-US	2025-08-03 19:45:00	13.64	34.78	0.35	7.13	10.13	115.38
SQU-US	2025-08-03 20:00:00	13.59	34.83	0.35	7.13	10.12	137.22
SQU-US	2025-08-03 20:15:00	13.54	34.47	0.35	7.13	10.10	117.65
SQU-US	2025-08-03 20:30:00	13.52	34.26	0.35	7.13	10.10	124.97
SQU-US	2025-08-03 20:45:00	13.50	34.24	0.35	7.13	10.09	105.75
SQU-US	2025-08-03 21:00:00	13.49	34.49	0.35	7.17	10.07	108.97
SQU-US	2025-08-03 21:15:00	13.50	34.62	0.34	7.14	10.03	102.16
SQU-US	2025-08-03 21:30:00	13.49	34.38	0.35	7.20	10.03	105.11
SQU-US	2025-08-03 21:45:00	13.52	34.31	0.35	7.17	10.00	111.68
SQU-US	2025-08-03 22:00:00	13.54	33.82	0.36	7.07	9.98	114.05
SQU-US	2025-08-03 22:15:00	13.55	33.98	0.36	7.13	9.97	127.09
SQU-US	2025-08-03 22:30:00	13.56	33.53	0.36	7.11	9.97	131.85
SQU-US	2025-08-03 22:45:00	13.59	33.53	0.36	7.11	9.96	156.55
SQU-US	2025-08-03 23:00:00	13.59	33.40	0.35	7.16	9.95	148.08
SQU-US	2025-08-03 23:15:00	13.60	33.30	0.34	7.22	9.95	120.88
SQU-US	2025-08-03 23:30:00	13.60	33.15	0.35	7.19	9.94	116.80
SQU-US	2025-08-03 23:45:00	13.59	33.34	0.36	7.16	9.95	120.60


400
300
200
100
0
Turbidity (NTU)
28-Jul
29-Jul
30-Jul
31-Jul
01-Aug
02-Aug
03-Aug
04-Aug
Guideline
BC FWAL - Acute
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 2025-07-29 09:29:00 [2]
In situ Parameters			
Field pH	**pH Units**	6.5 - 9	**6.32**
Field Temperature	**°C**	19	12.2
General Parameters			
pH	**pH Units**		7.98
Alkalinity (Total as $CaCO_3$)	**mg/L**		62
Alkalinity (PP as $CaCO_3$)	**mg/L**		<1
Hardness ($CaCO_3$)-Total	**mg/L**		69.8
Hardness ($CaCO_3$)-Dissolved	**mg/L**		66.9
Sulphide-Total	**mg/L**		<0.0018
Sulphide (as H2S)	**mg/L**		<0.002
Un-ionized Hydrogen Sulfide as H2S-Total	**mg/L**		<0.0019
Un-ionized Hydrogen Sulfide as S-Total	**mg/L**		<0.0018
Anions and Nutrients			
Ammonia (N)-Total	**mg/L**	24.8	0.02
Bicarbonate (HCO_3)	**mg/L**		75
Carbonate (CO_3)	**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**		0.258
Phosphorus (P)-Total (4500-P)	**mg/L**		0.0055
Bromide (Br)	**mg/L**		<0.01
Chloride (Cl)	**mg/L**	600	7.8
Fluoride (F)	**mg/L**	1.19	0.19
Sulphate (SO_4)-Dissolved	**mg/L**		8.2
Total Metals			
Aluminum (Al)-Total	**mg/L**		0.259
Antimony (Sb)-Total	**mg/L**	0.25	0.000143
Arsenic (As)-Total	**mg/L**		0.00164
Barium (Ba)-Total	**mg/L**		0.0123
Beryllium (Be)-Total	**mg/L**		<0.00001
Bismuth (Bi)-Total	**mg/L**		0.0000196
Boron (B)-Total	**mg/L**		0.013
Cadmium (Cd)-Total	**mg/L**		0.0000134
Calcium (Ca)-Total	**mg/L**		26.2
Cesium (Cs)-Total	**mg/L**		<0.00005
Chromium (Cr)-Total	**mg/L**		0.00063
Chromium (Cr III)-Total	**mg/L**		<0.00099
Chromium (Cr VI)-Total	**mg/L**		<0.00099
Cobalt (Co)-Total	**mg/L**		0.000187
Copper (Cu)-Total	**mg/L**		0.00251

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1]	WLNG EOP 2025-07-29 09:29:00 [2]
Total Metals			
Iron (Fe)-Total	**mg/L**	1	0.0396
Lead (Pb)-Total	**mg/L**		0.000265
Lithium (Li)-Total	**mg/L**		0.0021
Magnesium (Mg)-Total	**mg/L**		1.04
Manganese (Mn)-Total	**mg/L**	1.309	0.0705
Mercury (Hg)-Total	**mg/L**		0.0000025
Molybdenum (Mo)-Total	**mg/L**	46	0.0189
Nickel (Ni)-Total	**mg/L**		0.000392
Phosphorus (P)-Total (ICPMS)	**mg/L**		0.0077
Potassium (K)-Total	**mg/L**		0.999
Rubidium (Rb)-Total	**mg/L**		0.0022
Selenium (Se)-Total	**mg/L**		0.000062
Silicon (Si)-Total	**mg/L**		7.36
Silver (Ag)-Total	**mg/L**		<0.000005
Sodium (Na)-Total	**mg/L**		4.86
Strontium (Sr)-Total	**mg/L**		0.052
Sulphur (S)-Total	**mg/L**		<3
Tellurium (Te)-Total	**mg/L**		<0.00002
Thallium (Tl)-Total	**mg/L**		0.0000149
Thorium (Th)-Total	**mg/L**		<0.00005
Tin (Sn)-Total	**mg/L**		<0.0002
Titanium (Ti)-Total	**mg/L**		0.00061
Uranium (U)-Total	**mg/L**	0.0165	0.00121
Vanadium (V)-Total	**mg/L**		0.00053
Zinc (Zn)-Total	**mg/L**		0.00251
Zirconium (Zr)-Total	**mg/L**		<0.0001
Dissolved Metals			
Aluminum (Al)-Dissolved	**mg/L**		0.108
Antimony (Sb)-Dissolved	**mg/L**		0.000143
Arsenic (As)-Dissolved	**mg/L**		0.00143
Barium (Ba)-Dissolved	**mg/L**		0.0115
Beryllium (Be)-Dissolved	**mg/L**		<0.00001
Bismuth (Bi)-Dissolved	**mg/L**		<0.000005
Boron (B)-Dissolved	**mg/L**		0.011
Cadmium (Cd)-Dissolved	**mg/L**	0.000406	0.0000118
Calcium (Ca)-Dissolved	**mg/L**		25.1
Cesium (Cs)-Dissolved	**mg/L**		<0.00005
Chromium (Cr)-Dissolved	**mg/L**		0.00051
Cobalt (Co)-Dissolved	**mg/L**		0.000182
Copper (Cu)-Dissolved	**mg/L**	0.0002	**0.00234**
Iron (Fe)-Dissolved	**mg/L**	0.35	0.0093
Lead (Pb)-Dissolved	**mg/L**		0.0000602
Lithium (Li)-Dissolved	**mg/L**		0.00197
Manganese (Mn)-Dissolved	**mg/L**		0.0664
Magnesium (Mg)-Dissolved	**mg/L**		0.996
Mercury (Hg)-Dissolved	**mg/L**		<0.0000019
Molybdenum (Mo)-Dissolved	**mg/L**		0.0179

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1]	WLNG EOP 2025-07-29 09:29:00 [2]
Dissolved Metals (cont'd.)			
Nickel (Ni)-Dissolved	**mg/L**	0.0224	0.000396
Phosphorus (P)-Dissolved	**mg/L**		0.0029
Potassium (K)-Dissolved	**mg/L**		0.989
Rubidium (Rb)-Dissolved	**mg/L**		0.0021
Selenium (Se)-Dissolved	**mg/L**		0.000064
Silicon (Si)-Dissolved	**mg/L**		6.97
Silver (Ag)-Dissolved	**mg/L**		<0.000005
Sodium (Na)-Dissolved	**mg/L**		4.59
Strontium (Sr)-Dissolved	**mg/L**		0.0475
Sulphur (S)-Dissolved	**mg/L**		<3
Tellurium (Te)-Dissolved	**mg/L**		<0.00002
Thallium (Tl)-Dissolved	**mg/L**		0.0000104
Thorium (Th)-Dissolved	**mg/L**		<0.000005
Tin (Sn)-Dissolved	**mg/L**		<0.0002
Titanium (Ti)-Dissolved	**mg/L**		<0.0005
Uranium (U)-Dissolved	**mg/L**		0.00105
Vanadium (V)-Dissolved	**mg/L**		0.00052
Zinc (Zn)-Dissolved	**mg/L**	0.032033	0.00223
Zirconium (Zr)-Dissolved	**mg/L**		<0.0001
Inorganics			
Organic Carbon (C)-Total	**mg/L**		2
Organic Carbon (C)-Dissolved	**mg/L**		1.5
Solids-Total Dissolved	**mg/L**		76
Solids-Total Suspended	**mg/L**	31.8	<1
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

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1]	WLNG EOP 2025-07-29 09:29:00 [2]
Organics (cont'd.)			
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
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

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1]	WLNG EOP 2025-07-29 09:29:00 [2]
Organics (cont'd.)			
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

[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] **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

Location Information

Site ID:	WLNG EOP	**Date:**	July 29, 2025
Site Name:	East Creek	**Time:**	9:29
Crew:	WS		
Weather:	Clear		

In Situ Parameters

pH:	6.32	DO:	3.58 (mg/L)
Temp.:	12.2 (°C)	Cond:	214.6 (us)
Turbidity:	6.79 NTU		

Visible Sheen: NA

Water Surface Condition: Clear

Photo Record

Photo

Photo

Photo

Observations

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**July 28, 2025 to August 03, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 08, 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 July 28 was 432,468 m^3.

Daily Volume Summary:

Table 1: Discharge Volumes Daily Summary

Date	Location	Volume (m3)	Comments
July 28	Woodfibre (WF)	2,201	Exceeded discharge volume limit
July 29	WF	2,186	Exceeded discharge volume limit
July 30	WF	2,086	Exceeded discharge volume limit
July 31	WF	2,173	Exceeded discharge volume limit
August 01	WF	2,290	Exceeded discharge volume limit
August 02	WF	2,475	Exceeded discharge volume limit
August 03	WF	2,476	Exceeded discharge volume limit
	Total	15,887	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)
7/28/2025	0:15:00	7.3	2.566	3.2	452,958	12.5	116
7/28/2025	0:30:00	7.3	2.691	0	452,989	12.9	118
7/28/2025	0:45:00	7.4	2.623	0.6	453,028	13.1	119
7/28/2025	1:15:00	7.4	2.676	0.3	453,086	13.3	119
7/28/2025	1:30:00	7.4	2.589	1.3	453,126	13.3	119
7/28/2025	1:45:00	7.4	2.570	1.4	453,146	13.9	119
7/28/2025	2:00:00	7.4	2.672	0.4	453,181	13.5	119
7/28/2025	2:15:00	7.4	2.627	0.2	453,221	13.5	119
7/28/2025	2:30:00	7.4	2.627	1.5	453,242	13.5	119
7/28/2025	2:45:00	7.4	2.634	0	453,271	13.3	119
7/28/2025	3:00:00	7.4	2.574	0.2	453,310	13.3	119
7/28/2025	3:30:00	7.4	2.650	0.7	453,368	13.4	119
7/28/2025	3:45:00	7.4	2.604	0.4	453,407	13.4	119
7/28/2025	4:15:00	7.3	2.699	0.3	453,459	13.2	117
7/28/2025	4:30:00	7.3	2.631	1	453,499	13	116
7/28/2025	5:00:00	7.3	2.706	0.6	453,553	12.7	114
7/28/2025	5:30:00	7.3	2.638	1	453,614	12.6	114
7/28/2025	5:45:00	7.3	2.653	1	453,644	12.5	114
7/28/2025	6:00:00	7.3	2.612	2.4	453,683	12.4	114
7/28/2025	6:15:00	7.3	2.487	1.5	453,722	12.4	114
7/28/2025	6:30:00	7.3	2.680	2.1	453,740	12.8	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	**July 28, 2025 to August 03, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 08, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/28/2025	6:45:00	7.3	2.585	2.2	453,780	12.5	114
7/28/2025	7:15:00	7.3	2.570	1.1	453,836	12.4	114
7/28/2025	7:30:00	7.3	1.294	0.9	453,869	12.5	113
7/28/2025	7:45:00	7.3	2.252	0.6	453,899	12.4	114
7/28/2025	8:00:00	7.3	1.874	2.6	453,932	12.4	114
7/28/2025	8:15:00	7.3	1.737	4.5	453,965	12.4	114
7/28/2025	8:30:00	7.3	2.509	0.9	453,998	12.5	114
7/28/2025	8:45:00	7.3	2.403	1.3	454,034	12.8	114
7/28/2025	9:00:00	7.3	1.821	3.8	454,067	13	114
7/28/2025	9:15:00	7.3	2.407	1.2	454,102	13	114
7/28/2025	9:30:00	7.3	2.547	3.6	454,139	13.1	114
7/28/2025	9:45:00	7.3	2.252	1.4	454,174	13	114
7/28/2025	10:00:00	7.3	2.600	1	454,197	13	114
7/28/2025	10:15:00	7.3	2.850	4.5	454,239	13	114
7/28/2025	10:30:00	7.3	0.288	6.6	454,271	13.3	114
7/28/2025	10:45:00	7.3	2.737	2.2	454,310	13.1	114
7/28/2025	11:00:00	7.3	2.695	1.5	454,330	13.3	114
7/28/2025	11:15:00	7.3	1.170	7.5	454,347	13.5	114
7/28/2025	11:30:00	7.3	1.904	2.6	454,380	13.2	116
7/28/2025	12:00:00	7.3	2.638	0.9	454,418	13.3	260
7/28/2025	12:15:00	7.3	2.063	0.7	454,457	13.3	260
7/28/2025	12:30:00	7.3	2.597	0.7	454,489	13.4	260
7/28/2025	12:45:00	7.3	2.150	0.4	454,509	13.6	257
7/28/2025	13:00:00	7.3	2.411	2.6	454,542	13.6	257
7/28/2025	13:15:00	7.3	2.328	0.6	454,574	13.7	257

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**July 28, 2025 to August 03, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 08, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/28/2025	13:45:00	7.3	1.276	7.2	454,604	13.5	258
7/28/2025	14:00:00	7.3	2.472	1.7	454,619	13.9	116
7/28/2025	14:15:00	7.3	2.998	2.3	454,662	13.4	116
7/28/2025	14:30:00	7.3	0.307	1.2	454,688	13.9	116
7/28/2025	14:45:00	7.3	2.861	2.3	454,722	13.4	116
7/28/2025	15:00:00	7.3	0.352	2.1	454,752	13.8	116
7/28/2025	15:15:00	7.3	0.537	5.1	454,791	13.4	260
7/28/2025	15:30:00	7.3	2.839	3.9	454,816	13.6	268
7/28/2025	15:45:00	7.3	1.154	5.7	454,856	13.7	277
7/28/2025	16:00:00	7.3	1.003	13.7	454,864	14	285
7/28/2025	16:15:00	7.3	2.578	0.8	454,897	13.7	292
7/28/2025	16:30:00	7.3	0.575	4.9	454,931	13.7	283
7/28/2025	16:45:00	7.3	2.763	3.1	454,956	13.6	273
7/28/2025	17:00:00	7.3	2.286	5	454,980	14.4	268
7/28/2025	17:15:00	7.3	2.646	1	455,012	13.6	265
7/28/2025	17:45:00	7.3	2.714	8.2	455,052	14	275
7/28/2025	18:00:00	7.3	2.631	3.6	455,091	13.5	263
7/28/2025	18:15:00	7.3	2.483	5.3	455,119	13.3	262
7/28/2025	18:45:00	7.3	2.468	3.9	455,176	13.4	268
7/28/2025	19:00:00	7.3	2.487	5.3	455,210	13.5	268
7/28/2025	19:15:00	7.3	2.449	4.8	455,247	13.4	272
7/28/2025	19:30:00	7.3	2.460	4.5	455,268	13.5	270
7/28/2025	19:45:00	7.3	2.419	6	455,300	13.1	270
7/28/2025	20:00:00	7.3	2.313	5.8	455,335	13.1	265
7/28/2025	20:15:00	7.3	2.282	5.5	455,370	13	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	**July 28, 2025 to August 03, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 08, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/28/2025	20:30:00	7.3	2.324	8.7	455,393	13.2	265
7/28/2025	20:45:00	7.2	2.347	7.8	455,420	12.9	114
7/28/2025	21:00:00	7.2	2.305	8.3	455,455	12.8	114
7/28/2025	21:15:00	7.2	1.684	13.4	455,481	12.8	114
7/28/2025	21:30:00	7.2	2.600	10.8	455,517	12.8	114
7/28/2025	21:45:00	7.2	2.377	10.4	455,554	12.9	114
7/28/2025	22:00:00	7.2	2.392	10.5	455,567	13	260
7/28/2025	22:30:00	7.2	2.362	5.9	455,617	12.8	114
7/28/2025	23:00:00	7.2	2.400	12.5	455,665	12.7	114
7/28/2025	23:15:00	7.2	2.350	10.7	455,700	12.6	263
7/28/2025	23:30:00	7.2	2.328	17.3	455,731	12.8	263
7/28/2025	23:45:00	7.2	2.381	0.7	455,766	12.7	266
7/29/2025	0:00:00	7.3	2.366	1.5	455,801	12.7	268
7/29/2025	0:15:00	7.3	1.416	2.6	455,830	12.8	269
7/29/2025	0:30:00	7.3	0.174	1.5	455,859	12.9	114
7/29/2025	0:45:00	7.3	2.362	2.1	455,887	12.8	268
7/29/2025	1:00:00	7.4	1.510	8.5	455,916	12.7	266
7/29/2025	1:15:00	7.4	2.316	1.5	455,950	12.6	273
7/29/2025	1:30:00	7.3	0.352	9.9	455,983	12.6	114
7/29/2025	1:45:00	7.3	1.427	1.1	455,994	12.6	282
7/29/2025	2:00:00	7.3	2.354	0.5	456,029	12.5	287
7/29/2025	2:15:00	7.4	2.294	1.4	456,064	12.5	287
7/29/2025	2:30:00	7.3	1.268	7.8	456,091	12.5	356
7/29/2025	2:45:00	7.3	2.407	10.4	456,109	12.9	412
7/29/2025	3:00:00	7.6	2.388	19.5	456,145	12.5	439

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/29/2025	3:15:00	7.8	1.450	12	456,168	12.5	437
7/29/2025	3:30:00	8	2.445	25.7	456,201	12.5	451
7/29/2025	4:00:00	7.6	2.468	3.5	456,234	12.5	373
7/29/2025	4:15:00	7.3	2.434	5.2	456,271	12.4	340
7/29/2025	4:30:00	7.2	2.445	4.4	456,302	12.4	315
7/29/2025	4:45:00	7.3	2.411	6.4	456,338	12.3	304
7/29/2025	5:00:00	7.6	2.362	6.8	456,358	12.5	300
7/29/2025	5:15:00	7.7	2.415	5.4	456,387	12.3	296
7/29/2025	5:30:00	6.7	2.377	5.2	456,423	12.3	297
7/29/2025	6:00:00	7	2.403	4	456,471	12.4	286
7/29/2025	6:15:00	7.2	2.422	5.9	456,484	12.6	287
7/29/2025	6:30:00	7.7	2.392	11.7	456,520	12.5	286
7/29/2025	6:45:00	7.6	2.388	4.4	456,543	12.4	284
7/29/2025	7:00:00	7	2.358	5.7	456,578	12.5	281
7/29/2025	7:15:00	7.4	2.282	7.4	456,614	12.5	281
7/29/2025	7:30:00	7.4	2.373	4	456,629	12.5	277
7/29/2025	7:45:00	7.4	2.339	9.8	456,664	12.5	277
7/29/2025	9:00:00	7.3	1.893	1	456,765	12.6	276
7/29/2025	9:15:00	7	2.396	1	456,794	12.5	281
7/29/2025	9:30:00	7	2.271	1	456,828	12.6	284
7/29/2025	9:45:00	6.9	2.116	0.8	456,858	12.6	286
7/29/2025	10:00:00	7	2.589	1.6	456,892	12.7	283
7/29/2025	10:15:00	7	1.578	4.9	456,930	12.8	283
7/29/2025	10:30:00	7.1	2.475	1.9	456,959	12.8	283
7/29/2025	11:00:00	7.2	2.396	5.8	457,011	13	276

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**July 28, 2025 to August 03, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 08, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/29/2025	11:15:00	7.3	2.282	7.5	457,051	13.1	274
7/29/2025	11:45:00	7.4	2.392	2	457,097	13.1	273
7/29/2025	12:00:00	7.4	2.430	1.7	457,135	13.3	269
7/29/2025	12:15:00	7.6	1.643	4.5	457,165	13.4	269
7/29/2025	12:30:00	7.5	2.509	2.3	457,200	13.4	267
7/29/2025	12:45:00	7.5	2.615	1.7	457,222	13.6	267
7/29/2025	13:00:00	7.6	1.945	4.6	457,259	13.7	268
7/29/2025	13:15:00	7.8	1.923	2.7	457,289	13.5	268
7/29/2025	13:45:00	7.6	2.460	3.9	457,324	13.7	270
7/29/2025	14:00:00	7.8	2.320	3.4	457,354	13.7	268
7/29/2025	14:15:00	7.6	2.615	5.7	457,391	13.7	268
7/29/2025	14:30:00	7.5	2.343	7.7	457,429	13.8	270
7/29/2025	14:45:00	7.3	2.460	6.3	457,460	14.5	275
7/29/2025	15:00:00	7.2	1.639	7.6	457,480	14.3	285
7/29/2025	15:15:00	7.1	1.798	5.9	457,497	14.4	290
7/29/2025	15:30:00	7	2.491	3.1	457,530	14.2	288
7/29/2025	15:45:00	7	2.517	0.4	457,567	14.1	288
7/29/2025	16:15:00	7.1	2.135	0.9	457,607	14.1	283
7/29/2025	16:30:00	7.1	2.623	0.1	457,639	14	282
7/29/2025	16:45:00	7	2.324	0	457,679	14.1	280
7/29/2025	17:00:00	7	2.093	0.2	457,712	14	275
7/29/2025	17:15:00	7.1	2.623	0.2	457,736	14	278
7/29/2025	17:30:00	7.1	2.562	0.1	457,775	13.9	278
7/29/2025	17:45:00	7.3	2.010	0.1	457,795	14.6	282
7/29/2025	18:00:00	7.4	2.600	0.2	457,835	14	278

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/29/2025	18:30:00	7.6	2.650	0.3	457,892	13.9	272
7/29/2025	19:00:00	7.6	2.627	0.1	457,953	13.7	272
7/29/2025	19:15:00	7.6	2.627	0.2	457,988	13.6	270
7/29/2025	19:30:00	7.6	2.574	0	458,027	13.5	268
7/29/2025	19:45:00	7.6	2.502	1	458,048	13.5	268
7/29/2025	20:00:00	7.5	2.358	6.6	458,074	13.4	268
7/29/2025	20:15:00	7.6	2.324	2.6	458,109	14.1	268
7/29/2025	20:30:00	7.5	2.407	3	458,145	15	268
7/29/2025	20:45:00	7.5	2.460	1	458,176	15.8	268
7/29/2025	21:15:00	7.6	2.665	4.3	458,224	13.6	273
7/29/2025	21:30:00	7.6	2.578	3.7	458,259	13.5	273
7/29/2025	21:45:00	7.6	2.600	3.8	458,275	13.7	268
7/29/2025	22:00:00	7.6	2.513	4.6	458,313	13.2	267
7/29/2025	22:15:00	7.7	2.494	6.7	458,351	13.1	268
7/29/2025	22:45:00	7.7	2.578	4.3	458,400	13.1	271
7/29/2025	23:00:00	7.7	2.562	5.7	458,439	13.1	271
7/29/2025	23:15:00	7.7	2.566	6.9	458,452	13.3	269
7/29/2025	23:45:00	7.6	2.699	13.8	458,509	13.1	269
7/30/2025	0:00:00	7.6	2.483	2.3	458,535	13	270
7/30/2025	0:15:00	7.6	2.445	2.9	458,571	13.2	266
7/30/2025	0:30:00	7.6	2.407	6.5	458,608	13.4	268
7/30/2025	1:00:00	7.5	2.763	4.9	458,648	13.4	272
7/30/2025	1:15:00	7.5	2.725	4.4	458,689	13.4	272
7/30/2025	1:30:00	7.5	1.435	5.2	458,718	13.2	272
7/30/2025	1:45:00	7.5	2.438	2.7	458,754	13.1	270

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**July 28, 2025 to August 03, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 08, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/30/2025	2:00:00	7.5	2.430	6	458,791	13.1	272
7/30/2025	2:15:00	7.5	0.905	23.5	458,807	13.3	269
7/30/2025	2:30:00	7.3	2.479	17.1	458,843	13	269
7/30/2025	3:00:00	7.1	1.525	21.6	458,876	13.3	276
7/30/2025	3:15:00	7.2	2.392	16.9	458,905	13	278
7/30/2025	3:45:00	7.4	2.468	9.4	458,959	13	284
7/30/2025	4:00:00	7.4	2.422	9	458,995	13.1	291
7/30/2025	4:30:00	7.4	2.468	4	459,056	13.1	291
7/30/2025	4:45:00	7.3	2.456	4.2	459,093	13	286
7/30/2025	5:00:00	7.3	1.934	23.2	459,113	13.2	283
7/30/2025	5:15:00	7.3	2.540	2.9	459,141	13.1	281
7/30/2025	5:30:00	7.3	2.517	3.1	459,179	13.1	281
7/30/2025	6:00:00	7.3	2.517	3.3	459,229	13.1	279
7/30/2025	6:15:00	7.3	2.483	2.7	459,266	13.1	281
7/30/2025	6:30:00	7.3	1.287	11.1	459,279	13.2	277
7/30/2025	6:45:00	7.4	2.517	1.7	459,309	13	279
7/30/2025	7:00:00	7.4	2.475	4.2	459,346	13	279
7/30/2025	7:15:00	7.4	2.036	5.9	459,367	13.2	279
7/30/2025	7:30:00	7.4	2.475	1.2	459,401	13	276
7/30/2025	7:45:00	7.4	2.445	2.1	459,438	13	276
7/30/2025	8:00:00	7.4	2.127	3.6	459,473	13	273
7/30/2025	8:15:00	7.3	2.456	1.2	459,491	13.1	271
7/30/2025	8:30:00	7.3	2.411	3.5	459,528	13.1	271
7/30/2025	9:45:00	7.3	2.502	4.3	459,565	13.2	273
7/30/2025	10:30:00	7.5	2.498	11.2	459,579	15.5	276

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/30/2025	10:45:00	7.4	2.604	1.2	459,618	13.7	286
7/30/2025	11:00:00	7.4	0.000	0.7	459,650	13.7	114
7/30/2025	11:15:00	7.4	2.509	0.6	459,661	13.5	283
7/30/2025	11:30:00	7.4	2.506	0.8	459,698	13.5	278
7/30/2025	11:45:00	7.4	2.464	0.7	459,735	13.4	274
7/30/2025	12:00:00	7.3	2.475	0.7	459,768	13.6	274
7/30/2025	12:15:00	7.4	2.570	0.9	459,805	13.6	276
7/30/2025	12:30:00	7.4	2.453	0.8	459,842	13.7	281
7/30/2025	12:45:00	7.3	1.953	1.3	459,861	13.9	280
7/30/2025	13:00:00	7.4	2.460	0.5	459,890	14	278
7/30/2025	13:15:00	7.4	2.547	1	459,928	14.1	278
7/30/2025	13:30:00	7.4	1.900	8	459,960	14.3	277
7/30/2025	13:45:00	7.4	0.212	2	459,971	15.5	116
7/30/2025	14:00:00	7.4	2.456	1.4	460,000	14.2	275
7/30/2025	14:15:00	7.4	2.165	5	460,035	14.3	278
7/30/2025	14:30:00	7.4	2.468	0.5	460,072	14.3	278
7/30/2025	14:45:00	7.4	2.544	0.4	460,106	14.3	275
7/30/2025	15:00:00	7.4	0.257	0.3	460,136	14.3	117
7/30/2025	15:15:00	7.3	2.559	0.1	460,162	14.1	272
7/30/2025	15:30:00	7.3	2.528	0.5	460,200	14.1	273
7/30/2025	15:45:00	7.3	1.128	0.3	460,232	14.5	273
7/30/2025	16:00:00	7.3	2.532	0.7	460,258	14.5	273
7/30/2025	16:15:00	7.3	2.528	0.7	460,296	14.4	272
7/30/2025	16:30:00	7.3	1.953	2.3	460,325	14.4	271
7/30/2025	16:45:00	7.3	2.494	0.6	460,354	14.4	271

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/30/2025	17:00:00	7.3	2.453	0.7	460,391	14.4	271
7/30/2025	17:15:00	7.3	1.737	1.9	460,417	14.5	271
7/30/2025	17:30:00	7.3	2.350	1.1	460,436	14.5	271
7/30/2025	17:45:00	7.3	2.142	0.4	460,471	14.4	271
7/30/2025	18:00:00	7.3	2.078	0.7	460,499	14.4	271
7/30/2025	18:15:00	7.3	2.597	0.5	460,530	14.2	272
7/30/2025	18:30:00	7.3	2.581	0.3	460,563	14.2	270
7/30/2025	18:45:00	7.3	2.063	0.7	460,591	14.1	268
7/30/2025	19:00:00	7.3	2.589	0.5	460,622	14	270
7/30/2025	19:15:00	7.2	2.555	0.3	460,655	13.8	268
7/30/2025	19:30:00	7.2	1.995	0.7	460,683	13.8	268
7/30/2025	19:45:00	7.2	2.562	0.5	460,715	13.7	270
7/30/2025	20:00:00	7.2	2.528	0.4	460,754	13.8	270
7/30/2025	20:15:00	7.3	1.980	1.3	460,789	13.8	270
7/30/2025	20:30:00	7.2	2.506	0.2	460,818	13.8	270
7/30/2025	20:45:00	7.3	2.540	0.9	460,849	13.8	268
7/30/2025	21:00:00	7.3	2.082	3.9	460,872	13.8	268
7/30/2025	21:15:00	7.3	2.597	0.2	460,903	13.6	268
7/30/2025	21:30:00	7.3	2.532	0.2	460,933	13.7	268
7/30/2025	21:45:00	7.3	1.374	2	460,967	13.7	271
7/30/2025	22:00:00	7.3	2.415	0.2	460,990	13.5	268
7/30/2025	22:30:00	7.3	2.029	2.9	461,053	13.5	271
7/30/2025	22:45:00	7.3	2.513	1	461,082	13.5	269
7/30/2025	23:00:00	7.3	2.479	0.6	461,108	13.6	271
7/30/2025	23:15:00	7.3	1.393	0.9	461,139	13.5	271

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/30/2025	23:45:00	7.3	2.494	0.2	461,203	13.5	269
7/31/2025	0:00:00	7.3	2.010	0.8	461,238	13.5	269
7/31/2025	0:15:00	7.3	2.517	0.1	461,262	13.4	269
7/31/2025	0:45:00	7.3	1.503	0.3	461,301	13.4	271
7/31/2025	1:00:00	7.3	2.509	0.4	461,336	13.4	273
7/31/2025	1:15:00	7.3	2.479	0.3	461,373	13.4	273
7/31/2025	1:30:00	7.3	1.949	0.4	461,408	13.5	273
7/31/2025	1:45:00	7.3	2.483	0.2	461,443	13.3	273
7/31/2025	2:00:00	7.3	2.491	0.2	461,480	13.3	273
7/31/2025	2:15:00	7.3	1.908	0.4	461,515	13.5	273
7/31/2025	2:30:00	7.3	2.453	0.1	461,542	13.4	271
7/31/2025	2:45:00	7.3	2.445	0.2	461,572	13.5	269
7/31/2025	3:00:00	7.3	1.821	0.6	461,605	13.7	269
7/31/2025	3:15:00	7.3	2.362	2.4	461,630	13.5	268
7/31/2025	3:30:00	7.3	2.286	2.4	461,666	13.3	270
7/31/2025	3:45:00	7.3	1.476	2.2	461,698	13.1	269
7/31/2025	4:00:00	7.3	2.479	0.9	461,732	13.1	270
7/31/2025	4:30:00	7.3	1.945	5.3	461,796	13.3	270
7/31/2025	4:45:00	7.3	2.475	0.9	461,823	13.3	269
7/31/2025	5:00:00	7.3	2.453	2	461,860	13.2	269
7/31/2025	5:15:00	7.3	1.643	8.1	461,888	13.1	269
7/31/2025	5:30:00	7.3	2.487	3.9	461,923	13.1	269
7/31/2025	5:45:00	7.3	2.468	6.4	461,949	13.1	269
7/31/2025	6:15:00	7.3	2.487	3.5	462,000	13.1	269
7/31/2025	6:30:00	7.3	2.472	2.4	462,026	13.1	269

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/31/2025	6:45:00	7.3	1.893	3.8	462,053	13.2	269
7/31/2025	7:00:00	7.3	2.464	1.6	462,088	13.1	269
7/31/2025	7:15:00	7.3	2.449	5.5	462,115	13.1	269
7/31/2025	7:30:00	7.3	1.911	15.3	462,140	13.1	269
7/31/2025	7:45:00	7.2	2.475	14.6	462,176	13	268
7/31/2025	8:00:00	7.2	2.570	9.5	462,205	12.9	264
7/31/2025	8:30:00	7.2	2.229	4.9	462,245	12.8	266
7/31/2025	8:45:00	7.2	1.802	2.5	462,275	12.9	266
7/31/2025	9:00:00	7.2	2.350	1.2	462,300	12.9	266
7/31/2025	9:15:00	7.2	2.305	0.7	462,332	12.8	266
7/31/2025	9:30:00	7.2	2.294	0.4	462,367	12.8	266
7/31/2025	9:45:00	7.2	2.150	2.5	462,406	13	266
7/31/2025	10:15:00	7.3	2.672	1.7	462,455	13.4	266
7/31/2025	10:30:00	7.2	2.555	1.2	462,494	13.2	266
7/31/2025	10:45:00	7.2	2.570	1.8	462,523	13.3	267
7/31/2025	11:00:00	7.2	2.566	1.2	462,552	13.4	268
7/31/2025	12:00:00	7.3	2.491	2.5	462,662	13.4	272
7/31/2025	12:30:00	7.2	2.449	4.2	462,722	13.4	267
7/31/2025	12:45:00	7.3	2.517	1.1	462,752	13.5	270
7/31/2025	13:00:00	7.3	2.502	1.5	462,782	13.6	273
7/31/2025	13:30:00	7.6	2.547	3	462,831	14	288
7/31/2025	13:45:00	7.4	2.498	4.9	462,869	13.7	318
7/31/2025	14:00:00	7.3	1.881	13.4	462,894	13.9	334
7/31/2025	14:15:00	7.2	2.513	10.5	462,922	13.8	348
7/31/2025	14:30:00	7.1	2.483	12	462,960	13.7	341

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/31/2025	14:45:00	7.1	2.475	15.8	462,988	13.7	329
7/31/2025	15:00:00	7.2	2.347	8.4	463,006	13.8	318
7/31/2025	15:15:00	7.3	2.513	2.5	463,035	13.8	314
7/31/2025	15:45:00	7.3	2.456	1.4	463,101	13.8	303
7/31/2025	16:15:00	7.3	1.915	6.9	463,160	13.9	295
7/31/2025	16:30:00	7.3	2.415	1.2	463,184	14	295
7/31/2025	16:45:00	7.4	2.275	2.7	463,211	14.1	308
7/31/2025	17:00:00	7.5	2.108	3	463,237	14.1	326
7/31/2025	17:30:00	7.3	1.722	12.5	463,279	13.9	324
7/31/2025	17:45:00	7.2	2.422	5.3	463,307	13.9	315
7/31/2025	18:00:00	7.1	2.544	10.9	463,345	13.9	303
7/31/2025	18:15:00	7.2	1.684	13.4	463,365	14	298
7/31/2025	18:30:00	7.4	2.392	7.3	463,392	13.9	297
7/31/2025	18:45:00	7.5	1.945	7.4	463,430	13.8	295
7/31/2025	19:00:00	7.3	2.597	5.5	463,457	13.9	297
7/31/2025	19:15:00	7.1	2.597	8.3	463,486	14	298
7/31/2025	19:45:00	7	2.808	10.8	463,526	14.2	300
7/31/2025	21:15:00	7.5	1.472	5.8	463,709	13.7	278
7/31/2025	21:30:00	7.4	2.593	4	463,726	13.7	280
7/31/2025	21:45:00	7.5	2.578	3.6	463,755	13.8	280
7/31/2025	22:15:00	6.9	2.547	2.7	463,810	13.6	288
7/31/2025	22:45:00	6.8	1.957	2.9	463,865	13.6	289
7/31/2025	23:00:00	6.7	2.532	3.2	463,894	13.5	291
7/31/2025	23:15:00	6.7	2.509	3.8	463,924	13.5	294
7/31/2025	23:30:00	6.7	1.930	14	463,950	13.7	293

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/31/2025	23:45:00	6.8	2.551	2.8	463,978	13.6	293
8/1/2025	0:00:00	6.9	2.570	5.7	464,008	13.8	293
8/1/2025	0:30:00	7.2	2.619	3.2	464,065	13.7	288
8/1/2025	0:45:00	7.3	2.612	5.3	464,096	13.7	288
8/1/2025	1:00:00	7.4	1.722	22	464,122	13.5	283
8/1/2025	1:15:00	7.3	2.619	3.8	464,150	13.4	281
8/1/2025	1:30:00	7.3	2.593	5.5	464,180	13.4	281
8/1/2025	1:45:00	7.3	1.211	9.6	464,204	13.4	279
8/1/2025	2:00:00	7.4	2.593	6.4	464,236	13.3	279
8/1/2025	2:15:00	7.4	2.551	7.6	464,275	13.3	279
8/1/2025	2:30:00	7.5	1.866	10.9	464,305	13.3	279
8/1/2025	2:45:00	7.4	2.597	3.2	464,325	13.4	279
8/1/2025	3:00:00	7.5	2.559	3.6	464,364	13.3	278
8/1/2025	3:15:00	7.4	1.416	2.9	464,385	13.4	278
8/1/2025	3:30:00	7.4	2.574	1.3	464,419	13.3	283
8/1/2025	4:00:00	7.5	2.006	9.5	464,478	13.4	284
8/1/2025	4:15:00	7.5	2.559	3.6	464,514	13.3	283
8/1/2025	4:30:00	7.3	2.559	4.2	464,534	13.4	283
8/1/2025	4:45:00	7.5	1.987	14.3	464,567	13.3	283
8/1/2025	5:00:00	7.4	2.574	5.5	464,587	13.4	284
8/1/2025	5:45:00	7.4	2.555	6.8	464,668	13.2	294
8/1/2025	6:30:00	7.5	2.540	6.5	464,755	13.3	299
8/1/2025	6:45:00	7.5	2.483	6.5	464,792	13.3	299
8/1/2025	7:15:00	7.5	2.388	12.2	464,852	13.3	298
8/1/2025	7:30:00	7.5	2.653	62.9	464,866	13.6	296

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/1/2025	7:45:00	7.5	2.873	9.4	464,887	16.7	296
8/1/2025	8:00:00	7.5	2.774	21.2	464,926	13.3	298
8/1/2025	8:15:00	7.5	2.831	3.5	464,936	14.2	291
8/1/2025	9:00:00	7.7	2.888	2.7	465,043	13.7	294
8/1/2025	9:15:00	7.7	2.332	3.8	465,060	13.8	294
8/1/2025	9:30:00	7.7	2.945	2.5	465,093	13.7	293
8/1/2025	9:45:00	7.7	2.362	1.5	465,125	13.7	294
8/1/2025	10:00:00	7.7	2.430	1.5	465,159	13.7	293
8/1/2025	10:15:00	7.7	2.824	3.1	465,188	13.8	291
8/1/2025	10:30:00	7.6	2.297	14.7	465,228	13.7	291
8/1/2025	10:45:00	7.6	2.873	4.4	465,261	13.9	293
8/1/2025	11:00:00	7.6	2.869	2	465,292	14.2	291
8/1/2025	11:15:00	7.6	2.706	1.2	465,319	14.1	286
8/1/2025	11:30:00	7.6	2.392	0.7	465,345	14.2	288
8/1/2025	11:45:00	7.6	2.903	1.6	465,381	14.1	284
8/1/2025	12:00:00	7.6	2.286	6.1	465,414	14.1	285
8/1/2025	12:15:00	7.4	2.400	1.7	465,443	14.3	298
8/1/2025	12:30:00	7.4	2.555	4.4	465,479	14.5	288
8/1/2025	13:45:00	7.5	2.301	7.1	465,620	15	288
8/1/2025	14:00:00	7.4	2.218	2.7	465,654	14.1	275
8/1/2025	14:15:00	7.3	2.536	0.6	465,692	14.1	275
8/1/2025	14:30:00	7.3	2.540	3.1	465,716	14.2	275
8/1/2025	14:45:00	7.4	2.453	18.6	465,745	14.2	275
8/1/2025	15:15:00	7.4	2.604	2.2	465,806	14.3	280
8/1/2025	15:30:00	7.4	2.585	2.9	465,845	14.3	280

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**July 28, 2025 to August 03, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 08, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/1/2025	15:45:00	7.6	1.987	9	465,868	14.3	282
8/1/2025	16:00:00	7.6	2.672	3.3	465,895	14.3	282
8/1/2025	16:15:00	7.6	2.653	6.7	465,935	14.4	283
8/1/2025	16:30:00	7.6	0.980	6.1	465,963	15.1	285
8/1/2025	16:45:00	7.6	2.646	3.4	465,989	14.3	283
8/1/2025	17:00:00	7.6	2.642	6.2	466,029	14.3	283
8/1/2025	17:30:00	7.5	2.653	3.7	466,094	14.4	280
8/1/2025	17:45:00	7.5	2.638	4.1	466,124	14.4	278
8/1/2025	18:15:00	7.5	2.388	2.2	466,176	14.6	280
8/1/2025	18:30:00	7.5	2.555	2.3	466,214	14.3	280
8/1/2025	19:00:00	7.5	2.680	5	466,283	14.5	280
8/1/2025	19:15:00	7.4	2.691	6.9	466,312	14.7	282
8/1/2025	19:30:00	7.4	2.638	2.5	466,352	14.2	278
8/1/2025	19:45:00	7.4	2.604	3.4	466,379	14.2	275
8/1/2025	20:00:00	7.4	2.619	3.9	466,408	14.2	275
8/1/2025	20:15:00	7.4	2.566	7.1	466,447	14.1	273
8/1/2025	20:30:00	7.4	2.555	2.1	466,475	14.1	275
8/1/2025	20:45:00	7.4	1.639	6	466,505	14	275
8/1/2025	21:00:00	7.4	2.650	0.6	466,531	14	275
8/1/2025	21:30:00	7.4	2.097	3.6	466,596	13.9	275
8/1/2025	21:45:00	7.4	2.631	0.7	466,627	13.9	275
8/1/2025	22:00:00	7.4	2.615	1.3	466,656	13.9	275
8/1/2025	22:30:00	7.5	2.619	0.9	466,722	13.9	275
8/1/2025	22:45:00	7.5	2.597	0.9	466,761	13.9	275
8/1/2025	23:00:00	7.5	2.078	11.2	466,798	14.9	287

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/1/2025	23:15:00	7.5	2.600	0.8	466,832	14	278
8/1/2025	23:30:00	7.5	2.589	0.6	466,871	14	278
8/1/2025	23:45:00	7.5	2.528	1.1	466,909	13.9	278
8/2/2025	0:15:00	7.5	2.578	2.5	466,965	14	285
8/2/2025	0:30:00	7.5	2.555	2.1	467,004	13.8	283
8/2/2025	0:45:00	7.5	2.570	1.6	467,030	13.8	282
8/2/2025	1:15:00	7.4	2.536	0.8	467,097	13.5	278
8/2/2025	1:30:00	7.4	2.544	0.4	467,132	13.4	278
8/2/2025	2:00:00	7.4	2.494	1.3	467,198	13.4	277
8/2/2025	2:15:00	7.4	2.559	0.3	467,225	13.4	277
8/2/2025	2:30:00	7.4	2.502	0.8	467,264	13.4	278
8/2/2025	2:45:00	7.4	2.460	2.5	467,301	13.5	278
8/2/2025	3:00:00	7.4	2.498	3.3	467,323	13.5	280
8/2/2025	3:15:00	7.4	2.472	3.7	467,350	13.5	280
8/2/2025	3:45:00	7.4	2.547	1.7	467,410	13.4	280
8/2/2025	4:00:00	7.4	2.536	1.4	467,439	13.4	280
8/2/2025	4:15:00	7.4	2.600	2.8	467,471	13.4	280
8/2/2025	4:30:00	7.4	2.593	1	467,498	13.5	280
8/2/2025	4:45:00	7.3	2.551	1.2	467,537	13.4	277
8/2/2025	5:00:00	7.3	2.600	10.2	467,563	13.6	277
8/2/2025	5:15:00	7.3	2.544	1.8	467,602	13.5	277
8/2/2025	5:30:00	7.3	2.517	2.4	467,640	13.5	277
8/2/2025	5:45:00	7.3	2.589	3.1	467,671	13.5	276
8/2/2025	6:00:00	7.3	2.604	2.2	467,702	13.6	277
8/2/2025	6:30:00	7.3	2.589	3.8	467,751	13.9	280

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**July 28, 2025 to August 03, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 08, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/2/2025	6:45:00	7.4	2.551	2	467,789	13.7	282
8/2/2025	7:15:00	7.3	2.593	4.2	467,851	13.6	277
8/2/2025	7:30:00	7.3	2.551	0.9	467,889	13.4	276
8/2/2025	7:45:00	7.3	2.536	2	467,919	13.4	273
8/2/2025	8:00:00	7.3	2.562	1.4	467,953	13.5	273
8/2/2025	8:15:00	7.3	1.908	14.5	467,987	13.5	273
8/2/2025	8:30:00	7.3	2.464	0.7	468,011	13.5	274
8/2/2025	9:00:00	7.4	2.767	0.8	468,056	14.3	281
8/2/2025	9:15:00	7.3	2.767	1	468,094	14.1	278
8/2/2025	9:30:00	7.4	0.363	2.3	468,118	14.6	115
8/2/2025	9:45:00	7.3	2.714	1.3	468,159	13.9	276
8/2/2025	10:00:00	7.4	2.763	2	468,194	13.9	278
8/2/2025	10:15:00	7.4	2.718	0.4	468,235	13.8	278
8/2/2025	10:30:00	7.4	2.207	7.2	468,264	14.1	277
8/2/2025	10:45:00	7.3	1.911	5.4	468,297	13.9	278
8/2/2025	11:00:00	7.3	2.824	0.6	468,331	13.9	278
8/2/2025	11:15:00	7.3	2.551	1.2	468,366	14.3	280
8/2/2025	11:30:00	7.3	1.802	2	468,393	14.6	117
8/2/2025	11:45:00	7.4	2.559	0.6	468,415	14.1	278
8/2/2025	12:00:00	7.4	2.407	13.8	468,453	14.2	278
8/2/2025	12:15:00	7.4	2.797	1.3	468,493	14	278
8/2/2025	12:30:00	7.3	2.684	0.6	468,526	14.1	277
8/2/2025	12:45:00	7.3	2.653	0.5	468,551	14.1	277
8/2/2025	13:00:00	7.4	2.468	0.6	468,589	14.2	277
8/2/2025	13:15:00	7.3	2.456	3.4	468,625	14.4	277

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/2/2025	13:30:00	7.3	2.752	0.7	468,663	14.5	277
8/2/2025	13:45:00	7.4	2.725	1.7	468,704	14.5	280
8/2/2025	14:30:00	7.4	2.650	1.5	468,759	14.4	278
8/2/2025	14:45:00	7.4	2.661	2.4	468,796	14.1	278
8/2/2025	15:00:00	7.3	2.899	0.3	468,824	14.1	273
8/2/2025	15:15:00	7.3	2.585	0.4	468,863	14.2	273
8/2/2025	15:30:00	7.3	2.562	0.7	468,901	14.3	273
8/2/2025	15:45:00	7.3	2.199	6.5	468,939	14.3	277
8/2/2025	16:00:00	7.3	2.699	1.2	468,978	14.3	280
8/2/2025	16:15:00	7.2	2.824	1.2	469,020	14.2	277
8/2/2025	16:30:00	7.2	2.279	16.1	469,059	14.2	277
8/2/2025	17:00:00	7.3	2.525	0.2	469,098	14.1	275
8/2/2025	17:15:00	7.3	2.536	0.4	469,136	14	276
8/2/2025	17:30:00	7.3	2.725	0.8	469,177	13.9	276
8/2/2025	17:45:00	7.3	2.695	0.5	469,217	13.9	276
8/2/2025	18:00:00	7.3	2.566	1.8	469,256	14	274
8/2/2025	18:15:00	7.3	2.706	1.7	469,296	13.9	274
8/2/2025	18:30:00	7.3	2.676	4.8	469,336	13.9	273
8/2/2025	18:45:00	7.3	2.665	4.2	469,356	14.3	272
8/2/2025	19:00:00	7.3	2.256	5.7	469,393	14.4	277
8/2/2025	19:30:00	7.3	2.665	14.7	469,456	14	273
8/2/2025	19:45:00	7.3	2.631	9.7	469,495	13.8	272
8/2/2025	20:00:00	7.3	2.600	7.2	469,526	13.5	272
8/2/2025	20:15:00	7.2	2.615	8.6	469,549	13.5	270
8/2/2025	20:30:00	7.2	2.597	13.1	469,588	13.4	272

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**July 28, 2025 to August 03, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 08, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/2/2025	20:45:00	7.2	2.574	9.3	469,617	13.3	272
8/2/2025	21:15:00	7.3	2.600	5.8	469,678	13.4	270
8/2/2025	21:30:00	7.3	2.619	17.6	469,712	13.3	115
8/2/2025	22:00:00	7.2	2.612	2.1	469,775	13.4	270
8/2/2025	22:15:00	7.2	2.619	1	469,811	13.4	269
8/2/2025	22:30:00	7.2	2.597	0.9	469,850	13.4	271
8/2/2025	22:45:00	7.2	2.612	2	469,874	13.4	271
8/2/2025	23:15:00	7.2	2.634	7.5	469,922	13.3	268
8/2/2025	23:30:00	7.2	2.619	12	469,962	13.2	269
8/2/2025	23:45:00	7.2	2.657	10.6	469,982	13.2	271
8/3/2025	0:00:00	7.2	2.638	8.2	470,022	13.2	271
8/3/2025	0:15:00	7.2	2.627	9.6	470,062	13.3	271
8/3/2025	0:30:00	7.2	2.574	10.3	470,091	13.2	271
8/3/2025	0:45:00	7.2	2.627	13.1	470,130	13.2	271
8/3/2025	1:00:00	7.2	2.581	17.7	470,168	13.2	271
8/3/2025	1:15:00	7.2	2.638	14.5	470,204	13.1	271
8/3/2025	1:30:00	7.2	2.627	5.1	470,243	13.1	271
8/3/2025	1:45:00	7.2	2.585	0.2	470,282	13.2	273
8/3/2025	2:00:00	7.2	2.619	0.4	470,318	13.2	274
8/3/2025	2:15:00	7.2	2.570	0.5	470,357	13.2	274
8/3/2025	2:30:00	7.2	2.555	0.4	470,396	13.1	274
8/3/2025	2:45:00	7.2	3.028	0.3	470,437	13.1	278
8/3/2025	3:00:00	7.2	2.926	1.6	470,482	13.1	276
8/3/2025	3:15:00	7.2	2.653	6.6	470,522	13.1	273
8/3/2025	3:45:00	7.2	2.733	9	470,567	13.2	274

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/3/2025	4:00:00	7.2	2.706	12.3	470,608	13.1	274
8/3/2025	4:30:00	7.2	2.752	6.1	470,668	13.2	276
8/3/2025	4:45:00	7.2	2.725	6.5	470,709	13.2	276
8/3/2025	5:00:00	7.2	2.752	7.2	470,745	13.2	277
8/3/2025	5:15:00	7.2	2.759	9.7	470,772	13.2	273
8/3/2025	5:30:00	7.2	2.729	7	470,813	13.2	273
8/3/2025	6:00:00	7.2	2.718	0.3	470,868	13.2	272
8/3/2025	6:30:00	7.2	2.729	1	470,932	13.1	269
8/3/2025	6:45:00	7.2	2.699	6.6	470,972	13.1	269
8/3/2025	7:00:00	7.3	2.672	13.2	471,013	13.1	269
8/3/2025	7:15:00	7.2	2.729	13.9	471,028	13.1	271
8/3/2025	7:45:00	7.2	0.912	11.4	471,076	13	271
8/3/2025	8:00:00	7.2	2.585	13.2	471,107	12.9	269
8/3/2025	8:15:00	7.2	2.430	16.4	471,139	12.7	269
8/3/2025	8:30:00	7.2	1.374	12.1	471,170	12.8	273
8/3/2025	8:45:00	7.2	0.693	8.8	471,183	12.6	271
8/3/2025	9:00:00	7.3	0.344	7.1	471,200	12.8	114
8/3/2025	9:15:00	7.3	1.945	14.1	471,234	12.6	273
8/3/2025	9:30:00	7.3	2.998	21.3	471,264	12.8	273
8/3/2025	9:45:00	7.4	2.578	0.1	471,297	15.6	289
8/3/2025	10:00:00	7.3	2.615	0.1	471,336	13	293
8/3/2025	10:15:00	7.3	2.320	0.3	471,369	13	298
8/3/2025	10:30:00	7.4	2.581	0.7	471,407	13	299
8/3/2025	10:45:00	7.4	2.392	0.7	471,444	13.1	313
8/3/2025	11:00:00	7.4	2.453	0.5	471,461	13.1	317

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**July 28, 2025 to August 03, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 08, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/3/2025	11:15:00	7.3	2.464	0	471,497	13.6	327
8/3/2025	11:30:00	7.3	1.601	0.1	471,525	13.2	320
8/3/2025	11:45:00	7.4	2.422	3.3	471,558	13	329
8/3/2025	12:00:00	7.4	2.441	1.9	471,580	13.1	319
8/3/2025	13:00:00	7.1	2.650	7.6	471,697	12.9	309
8/3/2025	13:15:00	7.1	2.627	4.9	471,735	13	308
8/3/2025	13:30:00	7.2	2.638	9.3	471,775	13	308
8/3/2025	13:45:00	7.1	0.958	15.2	471,805	13.2	309
8/3/2025	14:00:00	7.1	2.585	5.3	471,823	13.3	309
8/3/2025	14:15:00	7.2	2.555	5	471,861	13.3	306
8/3/2025	14:30:00	7.4	1.014	4.4	471,892	13.3	303
8/3/2025	14:45:00	7.5	2.449	3.1	471,922	13.3	299
8/3/2025	15:00:00	7.4	2.612	5.2	471,948	13.5	300
8/3/2025	15:15:00	7.2	2.755	6.3	471,988	13.4	296
8/3/2025	15:30:00	7.2	2.173	8.9	472,014	13.5	308
8/3/2025	15:45:00	7.3	2.498	19.8	472,051	13.6	336
8/3/2025	16:00:00	7.3	2.672	12.2	472,088	13.6	382
8/3/2025	16:15:00	7.4	2.407	5.2	472,106	13.4	401
8/3/2025	16:30:00	7.3	2.456	1.4	472,142	13.4	411
8/3/2025	16:45:00	7.3	0.534	10.9	472,170	13.8	401
8/3/2025	17:00:00	7.4	2.528	2.1	472,195	13.3	397
8/3/2025	17:15:00	8.3	1.344	5.6	472,226	13.3	426
8/3/2025	17:30:00	8.5	2.279	19.1	472,258	13.5	464
8/3/2025	17:45:00	8.6	2.051	12.1	472,275	14	443
8/3/2025	18:00:00	8	1.393	9	472,303	14.2	420

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/3/2025	18:15:00	7.6	2.771	5	472,341	13.6	426
8/3/2025	18:30:00	7.5	2.600	2.3	472,381	13.3	402
8/3/2025	18:45:00	7.3	1.298	8.5	472,411	13.4	375
8/3/2025	19:00:00	7.3	2.555	0.6	472,443	13.1	354
8/3/2025	19:15:00	7.3	2.521	0.5	472,481	13	341
8/3/2025	19:30:00	7.2	2.468	0.3	472,518	12.9	335
8/3/2025	19:45:00	7.2	2.426	0.4	472,555	12.9	329
8/3/2025	20:00:00	7.1	2.377	0.1	472,591	12.8	328
8/3/2025	20:15:00	7.1	2.320	0.7	472,626	12.8	327
8/3/2025	20:30:00	7.1	2.286	0.7	472,661	12.8	324
8/3/2025	20:45:00	7.1	1.980	2.1	472,695	12.9	324
8/3/2025	21:00:00	7.1	2.502	2.8	472,727	12.9	321
8/3/2025	21:15:00	7.1	2.479	4.1	472,760	12.9	321
8/3/2025	21:30:00	7.1	1.870	5.9	472,797	12.9	318
8/3/2025	22:00:00	7.1	2.403	97.1	472,832	12.9	311
8/3/2025	22:15:00	7.1	1.790	0.4	472,868	13.1	306
8/3/2025	22:30:00	7.2	2.426	0.1	472,900	13.1	301
8/3/2025	22:45:00	7.3	2.373	2.2	472,932	13	298
8/3/2025	23:00:00	7.4	1.790	0.6	472,966	13	294
8/3/2025	23:15:00	7.2	2.680	0.7	473,001	13	294
8/3/2025	23:30:00	7.1	2.638	0.9	473,030	13	296
8/3/2025	23:45:00	7	1.998	0.2	473,069	13	296

Table 3. In-Situ Parameters

Date	Temperature °C	DO mg/L	Conductivity SPC-uS/cm	SAL-ppt	pH	ORP (mV)	NTU
07/28/2025	13.1	10.21	149.0	0.07	7.22	141.1	2.83
07/29/2025	12.7	11.42	148.5	0.07	7.29	144.0	2.13
07/30/2025	14.6	10.37	152.9	0.07	7.54	136.2	1.66
07/31/2025	13.9	10.24	141.9	0.07	7.39	128.4	1.01
08/01/2025	14.1	10.70	162.0	0.08	8.09	100.0	1.86
08/02/2025	14.2	10.33	160.2	0.08	7.43	138.2	1.19
08/03/2025	13.3	11.04	178.9	0.08	7.01	145.4	5.79

3. Calibration Log:

Table 4. Calibration Log

Date	Unit	pH	Conductivity/Temp.	Salinity	NTU
07/29/2025	YSI	✓	✓	✓	✓
07/29/2025	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)
7/28/2025	0:00:00	7.3	0.000	0.5	452,944	Closed	12.8	115
7/28/2025	0:15:00	7.3	2.566	3.2	452,958	Open	12.5	116
7/28/2025	0:30:00	7.3	2.691	0	452,989	Open	12.9	118
7/28/2025	0:45:00	7.4	2.623	0.6	453,028	Open	13.1	119
7/28/2025	1:00:00	7.4	0.000	0.2	453,064	Closed	13.1	119
7/28/2025	1:15:00	7.4	2.676	0.3	453,086	Open	13.3	119
7/28/2025	1:30:00	7.4	2.589	1.3	453,126	Open	13.3	119
7/28/2025	1:45:00	7.4	2.570	1.4	453,146	Open	13.9	119
7/28/2025	2:00:00	7.4	2.672	0.4	453,181	Open	13.5	119
7/28/2025	2:15:00	7.4	2.627	0.2	453,221	Open	13.5	119
7/28/2025	2:30:00	7.4	2.627	1.5	453,242	Open	13.5	119
7/28/2025	2:45:00	7.4	2.634	0	453,271	Open	13.3	119
7/28/2025	3:00:00	7.4	2.574	0.2	453,310	Open	13.3	119
7/28/2025	3:15:00	7.4	0.742	0.2	453,348	Closed	13.3	119
7/28/2025	3:30:00	7.4	2.650	0.7	453,368	Open	13.4	119
7/28/2025	3:45:00	7.4	2.604	0.4	453,407	Open	13.4	119
7/28/2025	4:00:00	7.4	0.000	0.1	453,436	Closed	13.7	118
7/28/2025	4:15:00	7.3	2.699	0.3	453,459	Open	13.2	117
7/28/2025	4:30:00	7.3	2.631	1	453,499	Open	13	116
7/28/2025	4:45:00	7.3	0.000	1.1	453,520	Closed	13.3	114
7/28/2025	5:00:00	7.3	2.706	0.6	453,553	Open	12.7	114
7/28/2025	5:15:00	7.3	0.333	1.5	453,593	Closed	12.6	114
7/28/2025	5:30:00	7.3	2.638	1	453,614	Open	12.6	114
7/28/2025	5:45:00	7.3	2.653	1	453,644	Open	12.5	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/28/2025	6:00:00	7.3	2.612	2.4	453,683	Open	12.4	114
7/28/2025	6:15:00	7.3	2.487	1.5	453,722	Open	12.4	114
7/28/2025	6:30:00	7.3	2.680	2.1	453,740	Open	12.8	114
7/28/2025	6:45:00	7.3	2.585	2.2	453,780	Open	12.5	114
7/28/2025	7:00:00	7.3	0.000	2.3	453,816	Closed	12.4	113
7/28/2025	7:15:00	7.3	2.570	1.1	453,836	Open	12.4	114
7/28/2025	7:30:00	7.3	1.294	0.9	453,869	Open	12.5	113
7/28/2025	7:45:00	7.3	2.252	0.6	453,899	Open	12.4	114
7/28/2025	8:00:00	7.3	1.874	2.6	453,932	Open	12.4	114
7/28/2025	8:15:00	7.3	1.737	4.5	453,965	Open	12.4	114
7/28/2025	8:30:00	7.3	2.509	0.9	453,998	Open	12.5	114
7/28/2025	8:45:00	7.3	2.403	1.3	454,034	Open	12.8	114
7/28/2025	9:00:00	7.3	1.821	3.8	454,067	Open	13	114
7/28/2025	9:15:00	7.3	2.407	1.2	454,102	Open	13	114
7/28/2025	9:30:00	7.3	2.547	3.6	454,139	Open	13.1	114
7/28/2025	9:45:00	7.3	2.252	1.4	454,174	Open	13	114
7/28/2025	10:00:00	7.3	2.600	1	454,197	Open	13	114
7/28/2025	10:15:00	7.3	2.850	4.5	454,239	Open	13	114
7/28/2025	10:30:00	7.3	0.288	6.6	454,271	Open	13.3	114
7/28/2025	10:45:00	7.3	2.737	2.2	454,310	Open	13.1	114
7/28/2025	11:00:00	7.3	2.695	1.5	454,330	Open	13.3	114
7/28/2025	11:15:00	7.3	1.170	7.5	454,347	Open	13.5	114
7/28/2025	11:30:00	7.3	1.904	2.6	454,380	Open	13.2	116
7/28/2025	11:45:00	7.3	0.265	5.6	454,403	Closed	13.2	117
7/28/2025	12:00:00	7.3	2.638	0.9	454,418	Open	13.3	260

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**July 28, 2025 to August 03, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 08, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/28/2025	12:15:00	7.3	2.063	0.7	454,457	Open	13.3	260
7/28/2025	12:30:00	7.3	2.597	0.7	454,489	Open	13.4	260
7/28/2025	12:45:00	7.3	2.150	0.4	454,509	Open	13.6	257
7/28/2025	13:00:00	7.3	2.411	2.6	454,542	Open	13.6	257
7/28/2025	13:15:00	7.3	2.328	0.6	454,574	Open	13.7	257
7/28/2025	13:30:00	7.3	1.662	1.3	454,584	Closed	14.1	260
7/28/2025	13:45:00	7.3	1.276	7.2	454,604	Open	13.5	258
7/28/2025	14:00:00	7.3	2.472	1.7	454,619	Open	13.9	116
7/28/2025	14:15:00	7.3	2.998	2.3	454,662	Open	13.4	116
7/28/2025	14:30:00	7.3	0.307	1.2	454,688	Open	13.9	116
7/28/2025	14:45:00	7.3	2.861	2.3	454,722	Open	13.4	116
7/28/2025	15:00:00	7.3	0.352	2.1	454,752	Open	13.8	116
7/28/2025	15:15:00	7.3	0.537	5.1	454,791	Open	13.4	260
7/28/2025	15:30:00	7.3	2.839	3.9	454,816	Open	13.6	268
7/28/2025	15:45:00	7.3	1.154	5.7	454,856	Open	13.7	277
7/28/2025	16:00:00	7.3	1.003	13.7	454,864	Open	14	285
7/28/2025	16:15:00	7.3	2.578	0.8	454,897	Open	13.7	292
7/28/2025	16:30:00	7.3	0.575	4.9	454,931	Open	13.7	283
7/28/2025	16:45:00	7.3	2.763	3.1	454,956	Open	13.6	273
7/28/2025	17:00:00	7.3	2.286	5	454,980	Open	14.4	268
7/28/2025	17:15:00	7.3	2.646	1	455,012	Open	13.6	265
7/28/2025	17:30:00	7.3	0.151	0.6	455,046	Closed	13.5	264
7/28/2025	17:45:00	7.3	2.714	8.2	455,052	Open	14	275
7/28/2025	18:00:00	7.3	2.631	3.6	455,091	Open	13.5	263
7/28/2025	18:15:00	7.3	2.483	5.3	455,119	Open	13.3	262

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/28/2025	18:30:00	7.3	0.144	2.6	455,148	Closed	13.5	265
7/28/2025	18:45:00	7.3	2.468	3.9	455,176	Open	13.4	268
7/28/2025	19:00:00	7.3	2.487	5.3	455,210	Open	13.5	268
7/28/2025	19:15:00	7.3	2.449	4.8	455,247	Open	13.4	272
7/28/2025	19:30:00	7.3	2.460	4.5	455,268	Open	13.5	270
7/28/2025	19:45:00	7.3	2.419	6	455,300	Open	13.1	270
7/28/2025	20:00:00	7.3	2.313	5.8	455,335	Open	13.1	265
7/28/2025	20:15:00	7.3	2.282	5.5	455,370	Open	13	263
7/28/2025	20:30:00	7.3	2.324	8.7	455,393	Open	13.2	265
7/28/2025	20:45:00	7.2	2.347	7.8	455,420	Open	12.9	114
7/28/2025	21:00:00	7.2	2.305	8.3	455,455	Open	12.8	114
7/28/2025	21:15:00	7.2	1.684	13.4	455,481	Open	12.8	114
7/28/2025	21:30:00	7.2	2.600	10.8	455,517	Open	12.8	114
7/28/2025	21:45:00	7.2	2.377	10.4	455,554	Open	12.9	114
7/28/2025	22:00:00	7.2	2.392	10.5	455,567	Open	13	260
7/28/2025	22:15:00	7.2	0.000	5.1	455,596	Closed	13	261
7/28/2025	22:30:00	7.2	2.362	5.9	455,617	Open	12.8	114
7/28/2025	22:45:00	7.2	0.000	15.3	455,641	Closed	12.9	263
7/28/2025	23:00:00	7.2	2.400	12.5	455,665	Open	12.7	114
7/28/2025	23:15:00	7.2	2.350	10.7	455,700	Open	12.6	263
7/28/2025	23:30:00	7.2	2.328	17.3	455,731	Open	12.8	263
7/28/2025	23:45:00	7.2	2.381	0.7	455,766	Open	12.7	266
7/29/2025	0:00:00	7.3	2.366	1.5	455,801	Open	12.7	268
7/29/2025	0:15:00	7.3	1.416	2.6	455,830	Open	12.8	269
7/29/2025	0:30:00	7.3	0.174	1.5	455,859	Open	12.9	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	**July 28, 2025 to August 03, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 08, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/29/2025	0:45:00	7.3	2.362	2.1	455,887	Open	12.8	268
7/29/2025	1:00:00	7.4	1.510	8.5	455,916	Open	12.7	266
7/29/2025	1:15:00	7.4	2.316	1.5	455,950	Open	12.6	273
7/29/2025	1:30:00	7.3	0.352	9.9	455,983	Open	12.6	114
7/29/2025	1:45:00	7.3	1.427	1.1	455,994	Open	12.6	282
7/29/2025	2:00:00	7.3	2.354	0.5	456,029	Open	12.5	287
7/29/2025	2:15:00	7.4	2.294	1.4	456,064	Open	12.5	287
7/29/2025	2:30:00	7.3	1.268	7.8	456,091	Open	12.5	356
7/29/2025	2:45:00	7.3	2.407	10.4	456,109	Open	12.9	412
7/29/2025	3:00:00	7.6	2.388	19.5	456,145	Open	12.5	439
7/29/2025	3:15:00	7.8	1.450	12	456,168	Open	12.5	437
7/29/2025	3:30:00	8	2.445	25.7	456,201	Open	12.5	451
7/29/2025	3:45:00	7.9	0.000	0.8	456,214	Closed	12.7	114
7/29/2025	4:00:00	7.6	2.468	3.5	456,234	Open	12.5	373
7/29/2025	4:15:00	7.3	2.434	5.2	456,271	Open	12.4	340
7/29/2025	4:30:00	7.2	2.445	4.4	456,302	Open	12.4	315
7/29/2025	4:45:00	7.3	2.411	6.4	456,338	Open	12.3	304
7/29/2025	5:00:00	7.6	2.362	6.8	456,358	Open	12.5	300
7/29/2025	5:15:00	7.7	2.415	5.4	456,387	Open	12.3	296
7/29/2025	5:30:00	6.7	2.377	5.2	456,423	Open	12.3	297
7/29/2025	5:45:00	7	0.000	3.4	456,454	Closed	12.5	289
7/29/2025	6:00:00	7	2.403	4	456,471	Open	12.4	286
7/29/2025	6:15:00	7.2	2.422	5.9	456,484	Open	12.6	287
7/29/2025	6:30:00	7.7	2.392	11.7	456,520	Open	12.5	286
7/29/2025	6:45:00	7.6	2.388	4.4	456,543	Open	12.4	284

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**July 28, 2025 to August 03, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 08, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/29/2025	7:00:00	7	2.358	5.7	456,578	Open	12.5	281
7/29/2025	7:15:00	7.4	2.282	7.4	456,614	Open	12.5	281
7/29/2025	7:30:00	7.4	2.373	4	456,629	Open	12.5	277
7/29/2025	7:45:00	7.4	2.339	9.8	456,664	Open	12.5	277
7/29/2025	8:00:00	7.7	1.226	60.5	456,699	Closed	12.5	272
7/29/2025	8:15:00	7.7	1.291	338.5	456,706	Closed	12.7	271
7/29/2025	8:30:00	7.7	0.000	3.7	456,722	Closed	12.7	268
7/29/2025	8:45:00	7.5	0.000	0.7	456,745	Closed	12.9	267
7/29/2025	9:00:00	7.3	1.893	1	456,765	Open	12.6	276
7/29/2025	9:15:00	7	2.396	1	456,794	Open	12.5	281
7/29/2025	9:30:00	7	2.271	1	456,828	Open	12.6	284
7/29/2025	9:45:00	6.9	2.116	0.8	456,858	Open	12.6	286
7/29/2025	10:00:00	7	2.589	1.6	456,892	Open	12.7	283
7/29/2025	10:15:00	7	1.578	4.9	456,930	Open	12.8	283
7/29/2025	10:30:00	7.1	2.475	1.9	456,959	Open	12.8	283
7/29/2025	10:45:00	7.1	0.000	1.3	456,988	Closed	13	281
7/29/2025	11:00:00	7.2	2.396	5.8	457,011	Open	13	276
7/29/2025	11:15:00	7.3	2.282	7.5	457,051	Open	13.1	274
7/29/2025	11:30:00	7.5	0.000	2.2	457,070	Closed	13.3	271
7/29/2025	11:45:00	7.4	2.392	2	457,097	Open	13.1	273
7/29/2025	12:00:00	7.4	2.430	1.7	457,135	Open	13.3	269
7/29/2025	12:15:00	7.6	1.643	4.5	457,165	Open	13.4	269
7/29/2025	12:30:00	7.5	2.509	2.3	457,200	Open	13.4	267
7/29/2025	12:45:00	7.5	2.615	1.7	457,222	Open	13.6	267
7/29/2025	13:00:00	7.6	1.945	4.6	457,259	Open	13.7	268

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**July 28, 2025 to August 03, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 08, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/29/2025	13:15:00	7.8	1.923	2.7	457,289	Open	13.5	268
7/29/2025	13:30:00	7.7	0.000	5.3	457,296	Closed	14.1	268
7/29/2025	13:45:00	7.6	2.460	3.9	457,324	Open	13.7	270
7/29/2025	14:00:00	7.8	2.320	3.4	457,354	Open	13.7	268
7/29/2025	14:15:00	7.6	2.615	5.7	457,391	Open	13.7	268
7/29/2025	14:30:00	7.5	2.343	7.7	457,429	Open	13.8	270
7/29/2025	14:45:00	7.3	2.460	6.3	457,460	Open	14.5	275
7/29/2025	15:00:00	7.2	1.639	7.6	457,480	Open	14.3	285
7/29/2025	15:15:00	7.1	1.798	5.9	457,497	Open	14.4	290
7/29/2025	15:30:00	7	2.491	3.1	457,530	Open	14.2	288
7/29/2025	15:45:00	7	2.517	0.4	457,567	Open	14.1	288
7/29/2025	16:00:00	7	1.787	27.4	457,591	Closed	14	283
7/29/2025	16:15:00	7.1	2.135	0.9	457,607	Open	14.1	283
7/29/2025	16:30:00	7.1	2.623	0.1	457,639	Open	14	282
7/29/2025	16:45:00	7	2.324	0	457,679	Open	14.1	280
7/29/2025	17:00:00	7	2.093	0.2	457,712	Open	14	275
7/29/2025	17:15:00	7.1	2.623	0.2	457,736	Open	14	278
7/29/2025	17:30:00	7.1	2.562	0.1	457,775	Open	13.9	278
7/29/2025	17:45:00	7.3	2.010	0.1	457,795	Open	14.6	282
7/29/2025	18:00:00	7.4	2.600	0.2	457,835	Open	14	278
7/29/2025	18:15:00	7.6	0.000	0.1	457,866	Closed	14.1	277
7/29/2025	18:30:00	7.6	2.650	0.3	457,892	Open	13.9	272
7/29/2025	18:45:00	7.6	0.000	0	457,928	Closed	13.8	270
7/29/2025	19:00:00	7.6	2.627	0.1	457,953	Open	13.7	272
7/29/2025	19:15:00	7.6	2.627	0.2	457,988	Open	13.6	270

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/29/2025	19:30:00	7.6	2.574	0	458,027	Open	13.5	268
7/29/2025	19:45:00	7.6	2.502	1	458,048	Open	13.5	268
7/29/2025	20:00:00	7.5	2.358	6.6	458,074	Open	13.4	268
7/29/2025	20:15:00	7.6	2.324	2.6	458,109	Open	14.1	268
7/29/2025	20:30:00	7.5	2.407	3	458,145	Open	15	268
7/29/2025	20:45:00	7.5	2.460	1	458,176	Open	15.8	268
7/29/2025	21:00:00	7.6	0.000	2.8	458,189	Closed	17.1	275
7/29/2025	21:15:00	7.6	2.665	4.3	458,224	Open	13.6	273
7/29/2025	21:30:00	7.6	2.578	3.7	458,259	Open	13.5	273
7/29/2025	21:45:00	7.6	2.600	3.8	458,275	Open	13.7	268
7/29/2025	22:00:00	7.6	2.513	4.6	458,313	Open	13.2	267
7/29/2025	22:15:00	7.7	2.494	6.7	458,351	Open	13.1	268
7/29/2025	22:30:00	7.8	0.000	5.9	458,365	Closed	13.3	269
7/29/2025	22:45:00	7.7	2.578	4.3	458,400	Open	13.1	271
7/29/2025	23:00:00	7.7	2.562	5.7	458,439	Open	13.1	271
7/29/2025	23:15:00	7.7	2.566	6.9	458,452	Open	13.3	269
7/29/2025	23:30:00	7.7	0.000	6	458,486	Closed	13.2	271
7/29/2025	23:45:00	7.6	2.699	13.8	458,509	Open	13.1	269
7/30/2025	0:00:00	7.6	2.483	2.3	458,535	Open	13	270
7/30/2025	0:15:00	7.6	2.445	2.9	458,571	Open	13.2	266
7/30/2025	0:30:00	7.6	2.407	6.5	458,608	Open	13.4	268
7/30/2025	0:45:00	7.6	0.000	5.3	458,622	Closed	13.6	270
7/30/2025	1:00:00	7.5	2.763	4.9	458,648	Open	13.4	272
7/30/2025	1:15:00	7.5	2.725	4.4	458,689	Open	13.4	272
7/30/2025	1:30:00	7.5	1.435	5.2	458,718	Open	13.2	272

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/30/2025	1:45:00	7.5	2.438	2.7	458,754	Open	13.1	270
7/30/2025	2:00:00	7.5	2.430	6	458,791	Open	13.1	272
7/30/2025	2:15:00	7.5	0.905	23.5	458,807	Open	13.3	269
7/30/2025	2:30:00	7.3	2.479	17.1	458,843	Open	13	269
7/30/2025	2:45:00	7.2	0.000	10	458,862	Closed	13.6	278
7/30/2025	3:00:00	7.1	1.525	21.6	458,876	Open	13.3	276
7/30/2025	3:15:00	7.2	2.392	16.9	458,905	Open	13	278
7/30/2025	3:30:00	7.3	1.158	77.1	458,937	Closed	13	279
7/30/2025	3:45:00	7.4	2.468	9.4	458,959	Open	13	284
7/30/2025	4:00:00	7.4	2.422	9	458,995	Open	13.1	291
7/30/2025	4:15:00	7.4	1.166	68.1	459,030	Closed	13.2	292
7/30/2025	4:30:00	7.4	2.468	4	459,056	Open	13.1	291
7/30/2025	4:45:00	7.3	2.456	4.2	459,093	Open	13	286
7/30/2025	5:00:00	7.3	1.934	23.2	459,113	Open	13.2	283
7/30/2025	5:15:00	7.3	2.540	2.9	459,141	Open	13.1	281
7/30/2025	5:30:00	7.3	2.517	3.1	459,179	Open	13.1	281
7/30/2025	5:45:00	7.4	0.000	3.9	459,206	Closed	13.3	281
7/30/2025	6:00:00	7.3	2.517	3.3	459,229	Open	13.1	279
7/30/2025	6:15:00	7.3	2.483	2.7	459,266	Open	13.1	281
7/30/2025	6:30:00	7.3	1.287	11.1	459,279	Open	13.2	277
7/30/2025	6:45:00	7.4	2.517	1.7	459,309	Open	13	279
7/30/2025	7:00:00	7.4	2.475	4.2	459,346	Open	13	279
7/30/2025	7:15:00	7.4	2.036	5.9	459,367	Open	13.2	279
7/30/2025	7:30:00	7.4	2.475	1.2	459,401	Open	13	276
7/30/2025	7:45:00	7.4	2.445	2.1	459,438	Open	13	276

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/30/2025	8:00:00	7.4	2.127	3.6	459,473	Open	13	273
7/30/2025	8:15:00	7.3	2.456	1.2	459,491	Open	13.1	271
7/30/2025	8:30:00	7.3	2.411	3.5	459,528	Open	13.1	271
7/30/2025	8:45:00	7.4	0.000	2.1	459,534	Closed	13.7	272
7/30/2025	9:00:00	7.3	0.000	4.7	459,554	Closed	13.2	271
7/30/2025	9:15:00	7.5	0.617	355.1	459,554	Closed	13.5	114
7/30/2025	9:30:00	7.3	2.169	1.2	459,554	Closed	13.3	273
7/30/2025	9:45:00	7.3	2.502	4.3	459,565	Open	13.2	273
7/30/2025	10:00:00	7.4	0.579	61.9	459,578	Closed	13.3	114
7/30/2025	10:15:00	7.8	0.000	400.5	459,578	Closed	15.6	114
7/30/2025	10:30:00	7.5	2.498	11.2	459,579	Open	15.5	276
7/30/2025	10:45:00	7.4	2.604	1.2	459,618	Open	13.7	286
7/30/2025	11:00:00	7.4	0.000	0.7	459,650	Open	13.7	114
7/30/2025	11:15:00	7.4	2.509	0.6	459,661	Open	13.5	283
7/30/2025	11:30:00	7.4	2.506	0.8	459,698	Open	13.5	278
7/30/2025	11:45:00	7.4	2.464	0.7	459,735	Open	13.4	274
7/30/2025	12:00:00	7.3	2.475	0.7	459,768	Open	13.6	274
7/30/2025	12:15:00	7.4	2.570	0.9	459,805	Open	13.6	276
7/30/2025	12:30:00	7.4	2.453	0.8	459,842	Open	13.7	281
7/30/2025	12:45:00	7.3	1.953	1.3	459,861	Open	13.9	280
7/30/2025	13:00:00	7.4	2.460	0.5	459,890	Open	14	278
7/30/2025	13:15:00	7.4	2.547	1	459,928	Open	14.1	278
7/30/2025	13:30:00	7.4	1.900	8	459,960	Open	14.3	277
7/30/2025	13:45:00	7.4	0.212	2	459,971	Open	15.5	116
7/30/2025	14:00:00	7.4	2.456	1.4	460,000	Open	14.2	275

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/30/2025	14:15:00	7.4	2.165	5	460,035	Open	14.3	278
7/30/2025	14:30:00	7.4	2.468	0.5	460,072	Open	14.3	278
7/30/2025	14:45:00	7.4	2.544	0.4	460,106	Open	14.3	275
7/30/2025	15:00:00	7.4	0.257	0.3	460,136	Open	14.3	117
7/30/2025	15:15:00	7.3	2.559	0.1	460,162	Open	14.1	272
7/30/2025	15:30:00	7.3	2.528	0.5	460,200	Open	14.1	273
7/30/2025	15:45:00	7.3	1.128	0.3	460,232	Open	14.5	273
7/30/2025	16:00:00	7.3	2.532	0.7	460,258	Open	14.5	273
7/30/2025	16:15:00	7.3	2.528	0.7	460,296	Open	14.4	272
7/30/2025	16:30:00	7.3	1.953	2.3	460,325	Open	14.4	271
7/30/2025	16:45:00	7.3	2.494	0.6	460,354	Open	14.4	271
7/30/2025	17:00:00	7.3	2.453	0.7	460,391	Open	14.4	271
7/30/2025	17:15:00	7.3	1.737	1.9	460,417	Open	14.5	271
7/30/2025	17:30:00	7.3	2.350	1.1	460,436	Open	14.5	271
7/30/2025	17:45:00	7.3	2.142	0.4	460,471	Open	14.4	271
7/30/2025	18:00:00	7.3	2.078	0.7	460,499	Open	14.4	271
7/30/2025	18:15:00	7.3	2.597	0.5	460,530	Open	14.2	272
7/30/2025	18:30:00	7.3	2.581	0.3	460,563	Open	14.2	270
7/30/2025	18:45:00	7.3	2.063	0.7	460,591	Open	14.1	268
7/30/2025	19:00:00	7.3	2.589	0.5	460,622	Open	14	270
7/30/2025	19:15:00	7.2	2.555	0.3	460,655	Open	13.8	268
7/30/2025	19:30:00	7.2	1.995	0.7	460,683	Open	13.8	268
7/30/2025	19:45:00	7.2	2.562	0.5	460,715	Open	13.7	270
7/30/2025	20:00:00	7.2	2.528	0.4	460,754	Open	13.8	270
7/30/2025	20:15:00	7.3	1.980	1.3	460,789	Open	13.8	270

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/30/2025	20:30:00	7.2	2.506	0.2	460,818	Open	13.8	270
7/30/2025	20:45:00	7.3	2.540	0.9	460,849	Open	13.8	268
7/30/2025	21:00:00	7.3	2.082	3.9	460,872	Open	13.8	268
7/30/2025	21:15:00	7.3	2.597	0.2	460,903	Open	13.6	268
7/30/2025	21:30:00	7.3	2.532	0.2	460,933	Open	13.7	268
7/30/2025	21:45:00	7.3	1.374	2	460,967	Open	13.7	271
7/30/2025	22:00:00	7.3	2.415	0.2	460,990	Open	13.5	268
7/30/2025	22:15:00	7.3	1.287	0.2	461,022	Closed	13.6	269
7/30/2025	22:30:00	7.3	2.029	2.9	461,053	Open	13.5	271
7/30/2025	22:45:00	7.3	2.513	1	461,082	Open	13.5	269
7/30/2025	23:00:00	7.3	2.479	0.6	461,108	Open	13.6	271
7/30/2025	23:15:00	7.3	1.393	0.9	461,139	Open	13.5	271
7/30/2025	23:30:00	7.4	0.155	0	461,168	Closed	13.6	271
7/30/2025	23:45:00	7.3	2.494	0.2	461,203	Open	13.5	269
7/31/2025	0:00:00	7.3	2.010	0.8	461,238	Open	13.5	269
7/31/2025	0:15:00	7.3	2.517	0.1	461,262	Open	13.4	269
7/31/2025	0:30:00	7.3	0.238	0.1	461,269	Closed	14.1	269
7/31/2025	0:45:00	7.3	1.503	0.3	461,301	Open	13.4	271
7/31/2025	1:00:00	7.3	2.509	0.4	461,336	Open	13.4	273
7/31/2025	1:15:00	7.3	2.479	0.3	461,373	Open	13.4	273
7/31/2025	1:30:00	7.3	1.949	0.4	461,408	Open	13.5	273
7/31/2025	1:45:00	7.3	2.483	0.2	461,443	Open	13.3	273
7/31/2025	2:00:00	7.3	2.491	0.2	461,480	Open	13.3	273
7/31/2025	2:15:00	7.3	1.908	0.4	461,515	Open	13.5	273
7/31/2025	2:30:00	7.3	2.453	0.1	461,542	Open	13.4	271

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**July 28, 2025 to August 03, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 08, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/31/2025	2:45:00	7.3	2.445	0.2	461,572	Open	13.5	269
7/31/2025	3:00:00	7.3	1.821	0.6	461,605	Open	13.7	269
7/31/2025	3:15:00	7.3	2.362	2.4	461,630	Open	13.5	268
7/31/2025	3:30:00	7.3	2.286	2.4	461,666	Open	13.3	270
7/31/2025	3:45:00	7.3	1.476	2.2	461,698	Open	13.1	269
7/31/2025	4:00:00	7.3	2.479	0.9	461,732	Open	13.1	270
7/31/2025	4:15:00	7.3	0.140	0.9	461,766	Closed	13.2	272
7/31/2025	4:30:00	7.3	1.945	5.3	461,796	Open	13.3	270
7/31/2025	4:45:00	7.3	2.475	0.9	461,823	Open	13.3	269
7/31/2025	5:00:00	7.3	2.453	2	461,860	Open	13.2	269
7/31/2025	5:15:00	7.3	1.643	8.1	461,888	Open	13.1	269
7/31/2025	5:30:00	7.3	2.487	3.9	461,923	Open	13.1	269
7/31/2025	5:45:00	7.3	2.468	6.4	461,949	Open	13.1	269
7/31/2025	6:00:00	7.3	1.851	12.8	461,964	Closed	13.3	269
7/31/2025	6:15:00	7.3	2.487	3.5	462,000	Open	13.1	269
7/31/2025	6:30:00	7.3	2.472	2.4	462,026	Open	13.1	269
7/31/2025	6:45:00	7.3	1.893	3.8	462,053	Open	13.2	269
7/31/2025	7:00:00	7.3	2.464	1.6	462,088	Open	13.1	269
7/31/2025	7:15:00	7.3	2.449	5.5	462,115	Open	13.1	269
7/31/2025	7:30:00	7.3	1.911	15.3	462,140	Open	13.1	269
7/31/2025	7:45:00	7.2	2.475	14.6	462,176	Open	13	268
7/31/2025	8:00:00	7.2	2.570	9.5	462,205	Open	12.9	264
7/31/2025	8:15:00	7.2	1.567	33	462,223	Closed	12.7	266
7/31/2025	8:30:00	7.2	2.229	4.9	462,245	Open	12.8	266
7/31/2025	8:45:00	7.2	1.802	2.5	462,275	Open	12.9	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	**July 28, 2025 to August 03, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 08, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/31/2025	9:00:00	7.2	2.350	1.2	462,300	Open	12.9	266
7/31/2025	9:15:00	7.2	2.305	0.7	462,332	Open	12.8	266
7/31/2025	9:30:00	7.2	2.294	0.4	462,367	Open	12.8	266
7/31/2025	9:45:00	7.2	2.150	2.5	462,406	Open	13	266
7/31/2025	10:00:00	7.3	0.000	1.2	462,429	Closed	13.4	266
7/31/2025	10:15:00	7.3	2.672	1.7	462,455	Open	13.4	266
7/31/2025	10:30:00	7.2	2.555	1.2	462,494	Open	13.2	266
7/31/2025	10:45:00	7.2	2.570	1.8	462,523	Open	13.3	267
7/31/2025	11:00:00	7.2	2.566	1.2	462,552	Open	13.4	268
7/31/2025	11:15:00	7.3	0.000	1.1	462,566	Closed	13.7	268
7/31/2025	11:30:00	7.3	0.000	0.7	462,597	Closed	13.5	272
7/31/2025	11:45:00	7.3	0.000	2.6	462,629	Closed	13.4	271
7/31/2025	12:00:00	7.3	2.491	2.5	462,662	Open	13.4	272
7/31/2025	12:15:00	7.3	0.000	4.2	462,688	Closed	13.6	269
7/31/2025	12:30:00	7.2	2.449	4.2	462,722	Open	13.4	267
7/31/2025	12:45:00	7.3	2.517	1.1	462,752	Open	13.5	270
7/31/2025	13:00:00	7.3	2.502	1.5	462,782	Open	13.6	273
7/31/2025	13:15:00	7.4	2.332	3.5	462,809	Closed	13.9	278
7/31/2025	13:30:00	7.6	2.547	3	462,831	Open	14	288
7/31/2025	13:45:00	7.4	2.498	4.9	462,869	Open	13.7	318
7/31/2025	14:00:00	7.3	1.881	13.4	462,894	Open	13.9	334
7/31/2025	14:15:00	7.2	2.513	10.5	462,922	Open	13.8	348
7/31/2025	14:30:00	7.1	2.483	12	462,960	Open	13.7	341
7/31/2025	14:45:00	7.1	2.475	15.8	462,988	Open	13.7	329
7/31/2025	15:00:00	7.2	2.347	8.4	463,006	Open	13.8	318

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/31/2025	15:15:00	7.3	2.513	2.5	463,035	Open	13.8	314
7/31/2025	15:30:00	7.3	0.000	1.2	463,068	Closed	13.8	311
7/31/2025	15:45:00	7.3	2.456	1.4	463,101	Open	13.8	303
7/31/2025	16:00:00	7.4	2.324	1.3	463,132	Closed	14	300
7/31/2025	16:15:00	7.3	1.915	6.9	463,160	Open	13.9	295
7/31/2025	16:30:00	7.3	2.415	1.2	463,184	Open	14	295
7/31/2025	16:45:00	7.4	2.275	2.7	463,211	Open	14.1	308
7/31/2025	17:00:00	7.5	2.108	3	463,237	Open	14.1	326
7/31/2025	17:15:00	7.6	1.711	17.4	463,261	Closed	14.2	332
7/31/2025	17:30:00	7.3	1.722	12.5	463,279	Open	13.9	324
7/31/2025	17:45:00	7.2	2.422	5.3	463,307	Open	13.9	315
7/31/2025	18:00:00	7.1	2.544	10.9	463,345	Open	13.9	303
7/31/2025	18:15:00	7.2	1.684	13.4	463,365	Open	14	298
7/31/2025	18:30:00	7.4	2.392	7.3	463,392	Open	13.9	297
7/31/2025	18:45:00	7.5	1.945	7.4	463,430	Open	13.8	295
7/31/2025	19:00:00	7.3	2.597	5.5	463,457	Open	13.9	297
7/31/2025	19:15:00	7.1	2.597	8.3	463,486	Open	14	298
7/31/2025	19:30:00	6.9	1.128	38.1	463,511	Closed	14	302
7/31/2025	19:45:00	7	2.808	10.8	463,526	Open	14.2	300
7/31/2025	20:00:00	7.2	0.352	5.1	463,559	Closed	13.9	117
7/31/2025	20:15:00	7.3	0.344	4.3	463,594	Closed	13.7	117
7/31/2025	20:30:00	7.4	0.352	3.1	463,624	Closed	13.7	280
7/31/2025	20:45:00	7.4	2.509	3.2	463,647	Closed	13.9	278
7/31/2025	21:00:00	7.5	0.273	5.5	463,680	Closed	13.8	117
7/31/2025	21:15:00	7.5	1.472	5.8	463,709	Open	13.7	278

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**July 28, 2025 to August 03, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 08, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/31/2025	21:30:00	7.4	2.593	4	463,726	Open	13.7	280
7/31/2025	21:45:00	7.5	2.578	3.6	463,755	Open	13.8	280
7/31/2025	22:00:00	7.2	0.295	19	463,786	Closed	13.8	288
7/31/2025	22:15:00	6.9	2.547	2.7	463,810	Open	13.6	288
7/31/2025	22:30:00	6.9	2.460	1.9	463,841	Closed	13.7	293
7/31/2025	22:45:00	6.8	1.957	2.9	463,865	Open	13.6	289
7/31/2025	23:00:00	6.7	2.532	3.2	463,894	Open	13.5	291
7/31/2025	23:15:00	6.7	2.509	3.8	463,924	Open	13.5	294
7/31/2025	23:30:00	6.7	1.930	14	463,950	Open	13.7	293
7/31/2025	23:45:00	6.8	2.551	2.8	463,978	Open	13.6	293
8/1/2025	0:00:00	6.9	2.570	5.7	464,008	Open	13.8	293
8/1/2025	0:15:00	7.1	0.231	11.9	464,040	Closed	13.7	291
8/1/2025	0:30:00	7.2	2.619	3.2	464,065	Open	13.7	288
8/1/2025	0:45:00	7.3	2.612	5.3	464,096	Open	13.7	288
8/1/2025	1:00:00	7.4	1.722	22	464,122	Open	13.5	283
8/1/2025	1:15:00	7.3	2.619	3.8	464,150	Open	13.4	281
8/1/2025	1:30:00	7.3	2.593	5.5	464,180	Open	13.4	281
8/1/2025	1:45:00	7.3	1.211	9.6	464,204	Open	13.4	279
8/1/2025	2:00:00	7.4	2.593	6.4	464,236	Open	13.3	279
8/1/2025	2:15:00	7.4	2.551	7.6	464,275	Open	13.3	279
8/1/2025	2:30:00	7.5	1.866	10.9	464,305	Open	13.3	279
8/1/2025	2:45:00	7.4	2.597	3.2	464,325	Open	13.4	279
8/1/2025	3:00:00	7.5	2.559	3.6	464,364	Open	13.3	278
8/1/2025	3:15:00	7.4	1.416	2.9	464,385	Open	13.4	278
8/1/2025	3:30:00	7.4	2.574	1.3	464,419	Open	13.3	283

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**July 28, 2025 to August 03, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 08, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/1/2025	3:45:00	7.6	0.114	2	464,450	Closed	13.4	283
8/1/2025	4:00:00	7.5	2.006	9.5	464,478	Open	13.4	284
8/1/2025	4:15:00	7.5	2.559	3.6	464,514	Open	13.3	283
8/1/2025	4:30:00	7.3	2.559	4.2	464,534	Open	13.4	283
8/1/2025	4:45:00	7.5	1.987	14.3	464,567	Open	13.3	283
8/1/2025	5:00:00	7.4	2.574	5.5	464,587	Open	13.4	284
8/1/2025	5:15:00	7.6	0.000	6.4	464,614	Closed	13.5	288
8/1/2025	5:30:00	7.5	1.083	28.4	464,636	Closed	13.3	293
8/1/2025	5:45:00	7.4	2.555	6.8	464,668	Open	13.2	294
8/1/2025	6:00:00	7.5	0.000	9.8	464,701	Closed	13.3	298
8/1/2025	6:15:00	7.6	1.681	23.8	464,721	Closed	13.8	303
8/1/2025	6:30:00	7.5	2.540	6.5	464,755	Open	13.3	299
8/1/2025	6:45:00	7.5	2.483	6.5	464,792	Open	13.3	299
8/1/2025	7:00:00	7.5	2.362	41.6	464,819	Closed	13.3	299
8/1/2025	7:15:00	7.5	2.388	12.2	464,852	Open	13.3	298
8/1/2025	7:30:00	7.5	2.653	62.9	464,866	Open	13.6	296
8/1/2025	7:45:00	7.5	2.873	9.4	464,887	Open	16.7	296
8/1/2025	8:00:00	7.5	2.774	21.2	464,926	Open	13.3	298
8/1/2025	8:15:00	7.5	2.831	3.5	464,936	Open	14.2	291
8/1/2025	8:30:00	7.5	0.000	1.5	464,976	Closed	14.8	286
8/1/2025	8:45:00	7.7	1.779	1.8	465,004	Closed	14.2	291
8/1/2025	9:00:00	7.7	2.888	2.7	465,043	Open	13.7	294
8/1/2025	9:15:00	7.7	2.332	3.8	465,060	Open	13.8	294
8/1/2025	9:30:00	7.7	2.945	2.5	465,093	Open	13.7	293
8/1/2025	9:45:00	7.7	2.362	1.5	465,125	Open	13.7	294

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**July 28, 2025 to August 03, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 08, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/1/2025	10:00:00	7.7	2.430	1.5	465,159	Open	13.7	293
8/1/2025	10:15:00	7.7	2.824	3.1	465,188	Open	13.8	291
8/1/2025	10:30:00	7.6	2.297	14.7	465,228	Open	13.7	291
8/1/2025	10:45:00	7.6	2.873	4.4	465,261	Open	13.9	293
8/1/2025	11:00:00	7.6	2.869	2	465,292	Open	14.2	291
8/1/2025	11:15:00	7.6	2.706	1.2	465,319	Open	14.1	286
8/1/2025	11:30:00	7.6	2.392	0.7	465,345	Open	14.2	288
8/1/2025	11:45:00	7.6	2.903	1.6	465,381	Open	14.1	284
8/1/2025	12:00:00	7.6	2.286	6.1	465,414	Open	14.1	285
8/1/2025	12:15:00	7.4	2.400	1.7	465,443	Open	14.3	298
8/1/2025	12:30:00	7.4	2.555	4.4	465,479	Open	14.5	288
8/1/2025	12:45:00	7.5	0.000	3.2	465,508	Closed	14.6	288
8/1/2025	13:00:00	7.4	0.000	2.1	465,540	Closed	14.4	287
8/1/2025	13:15:00	7.4	0.000	2.4	465,571	Closed	14.4	283
8/1/2025	13:30:00	7.4	0.000	2.8	465,597	Closed	14.4	280
8/1/2025	13:45:00	7.5	2.301	7.1	465,620	Open	15	288
8/1/2025	14:00:00	7.4	2.218	2.7	465,654	Open	14.1	275
8/1/2025	14:15:00	7.3	2.536	0.6	465,692	Open	14.1	275
8/1/2025	14:30:00	7.3	2.540	3.1	465,716	Open	14.2	275
8/1/2025	14:45:00	7.4	2.453	18.6	465,745	Open	14.2	275
8/1/2025	15:00:00	7.4	2.445	2.6	465,767	Closed	14.5	280
8/1/2025	15:15:00	7.4	2.604	2.2	465,806	Open	14.3	280
8/1/2025	15:30:00	7.4	2.585	2.9	465,845	Open	14.3	280
8/1/2025	15:45:00	7.6	1.987	9	465,868	Open	14.3	282
8/1/2025	16:00:00	7.6	2.672	3.3	465,895	Open	14.3	282

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/1/2025	16:15:00	7.6	2.653	6.7	465,935	Open	14.4	283
8/1/2025	16:30:00	7.6	0.980	6.1	465,963	Open	15.1	285
8/1/2025	16:45:00	7.6	2.646	3.4	465,989	Open	14.3	283
8/1/2025	17:00:00	7.6	2.642	6.2	466,029	Open	14.3	283
8/1/2025	17:15:00	7.6	0.000	29.9	466,066	Closed	14.4	283
8/1/2025	17:30:00	7.5	2.653	3.7	466,094	Open	14.4	280
8/1/2025	17:45:00	7.5	2.638	4.1	466,124	Open	14.4	278
8/1/2025	18:00:00	7.5	2.051	28.1	466,147	Closed	14.4	278
8/1/2025	18:15:00	7.5	2.388	2.2	466,176	Open	14.6	280
8/1/2025	18:30:00	7.5	2.555	2.3	466,214	Open	14.3	280
8/1/2025	18:45:00	7.5	0.000	2.9	466,251	Closed	14.5	282
8/1/2025	19:00:00	7.5	2.680	5	466,283	Open	14.5	280
8/1/2025	19:15:00	7.4	2.691	6.9	466,312	Open	14.7	282
8/1/2025	19:30:00	7.4	2.638	2.5	466,352	Open	14.2	278
8/1/2025	19:45:00	7.4	2.604	3.4	466,379	Open	14.2	275
8/1/2025	20:00:00	7.4	2.619	3.9	466,408	Open	14.2	275
8/1/2025	20:15:00	7.4	2.566	7.1	466,447	Open	14.1	273
8/1/2025	20:30:00	7.4	2.555	2.1	466,475	Open	14.1	275
8/1/2025	20:45:00	7.4	1.639	6	466,505	Open	14	275
8/1/2025	21:00:00	7.4	2.650	0.6	466,531	Open	14	275
8/1/2025	21:15:00	7.5	0.000	0.4	466,561	Closed	14.1	275
8/1/2025	21:30:00	7.4	2.097	3.6	466,596	Open	13.9	275
8/1/2025	21:45:00	7.4	2.631	0.7	466,627	Open	13.9	275
8/1/2025	22:00:00	7.4	2.615	1.3	466,656	Open	13.9	275
8/1/2025	22:15:00	7.5	0.000	12.1	466,691	Closed	14	275

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/1/2025	22:30:00	7.5	2.619	0.9	466,722	Open	13.9	275
8/1/2025	22:45:00	7.5	2.597	0.9	466,761	Open	13.9	275
8/1/2025	23:00:00	7.5	2.078	11.2	466,798	Open	14.9	287
8/1/2025	23:15:00	7.5	2.600	0.8	466,832	Open	14	278
8/1/2025	23:30:00	7.5	2.589	0.6	466,871	Open	14	278
8/1/2025	23:45:00	7.5	2.528	1.1	466,909	Open	13.9	278
8/2/2025	0:00:00	7.6	0.000	1.5	466,937	Closed	14.1	283
8/2/2025	0:15:00	7.5	2.578	2.5	466,965	Open	14	285
8/2/2025	0:30:00	7.5	2.555	2.1	467,004	Open	13.8	283
8/2/2025	0:45:00	7.5	2.570	1.6	467,030	Open	13.8	282
8/2/2025	1:00:00	7.5	0.000	1.2	467,061	Closed	13.8	280
8/2/2025	1:15:00	7.4	2.536	0.8	467,097	Open	13.5	278
8/2/2025	1:30:00	7.4	2.544	0.4	467,132	Open	13.4	278
8/2/2025	1:45:00	7.4	2.441	1	467,161	Closed	13.5	280
8/2/2025	2:00:00	7.4	2.494	1.3	467,198	Open	13.4	277
8/2/2025	2:15:00	7.4	2.559	0.3	467,225	Open	13.4	277
8/2/2025	2:30:00	7.4	2.502	0.8	467,264	Open	13.4	278
8/2/2025	2:45:00	7.4	2.460	2.5	467,301	Open	13.5	278
8/2/2025	3:00:00	7.4	2.498	3.3	467,323	Open	13.5	280
8/2/2025	3:15:00	7.4	2.472	3.7	467,350	Open	13.5	280
8/2/2025	3:30:00	7.4	0.000	3.7	467,377	Closed	13.4	280
8/2/2025	3:45:00	7.4	2.547	1.7	467,410	Open	13.4	280
8/2/2025	4:00:00	7.4	2.536	1.4	467,439	Open	13.4	280
8/2/2025	4:15:00	7.4	2.600	2.8	467,471	Open	13.4	280
8/2/2025	4:30:00	7.4	2.593	1	467,498	Open	13.5	280

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**July 28, 2025 to August 03, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 08, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/2/2025	4:45:00	7.3	2.551	1.2	467,537	Open	13.4	277
8/2/2025	5:00:00	7.3	2.600	10.2	467,563	Open	13.6	277
8/2/2025	5:15:00	7.3	2.544	1.8	467,602	Open	13.5	277
8/2/2025	5:30:00	7.3	2.517	2.4	467,640	Open	13.5	277
8/2/2025	5:45:00	7.3	2.589	3.1	467,671	Open	13.5	276
8/2/2025	6:00:00	7.3	2.604	2.2	467,702	Open	13.6	277
8/2/2025	6:15:00	7.4	0.000	0.4	467,731	Closed	13.7	280
8/2/2025	6:30:00	7.3	2.589	3.8	467,751	Open	13.9	280
8/2/2025	6:45:00	7.4	2.551	2	467,789	Open	13.7	282
8/2/2025	7:00:00	7.4	0.000	1.4	467,826	Closed	13.6	282
8/2/2025	7:15:00	7.3	2.593	4.2	467,851	Open	13.6	277
8/2/2025	7:30:00	7.3	2.551	0.9	467,889	Open	13.4	276
8/2/2025	7:45:00	7.3	2.536	2	467,919	Open	13.4	273
8/2/2025	8:00:00	7.3	2.562	1.4	467,953	Open	13.5	273
8/2/2025	8:15:00	7.3	1.908	14.5	467,987	Open	13.5	273
8/2/2025	8:30:00	7.3	2.464	0.7	468,011	Open	13.5	274
8/2/2025	8:45:00	7.3	0.000	0.7	468,014	Closed	14.3	274
8/2/2025	9:00:00	7.4	2.767	0.8	468,056	Open	14.3	281
8/2/2025	9:15:00	7.3	2.767	1	468,094	Open	14.1	278
8/2/2025	9:30:00	7.4	0.363	2.3	468,118	Open	14.6	115
8/2/2025	9:45:00	7.3	2.714	1.3	468,159	Open	13.9	276
8/2/2025	10:00:00	7.4	2.763	2	468,194	Open	13.9	278
8/2/2025	10:15:00	7.4	2.718	0.4	468,235	Open	13.8	278
8/2/2025	10:30:00	7.4	2.207	7.2	468,264	Open	14.1	277
8/2/2025	10:45:00	7.3	1.911	5.4	468,297	Open	13.9	278

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**July 28, 2025 to August 03, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 08, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/2/2025	11:00:00	7.3	2.824	0.6	468,331	Open	13.9	278
8/2/2025	11:15:00	7.3	2.551	1.2	468,366	Open	14.3	280
8/2/2025	11:30:00	7.3	1.802	2	468,393	Open	14.6	117
8/2/2025	11:45:00	7.4	2.559	0.6	468,415	Open	14.1	278
8/2/2025	12:00:00	7.4	2.407	13.8	468,453	Open	14.2	278
8/2/2025	12:15:00	7.4	2.797	1.3	468,493	Open	14	278
8/2/2025	12:30:00	7.3	2.684	0.6	468,526	Open	14.1	277
8/2/2025	12:45:00	7.3	2.653	0.5	468,551	Open	14.1	277
8/2/2025	13:00:00	7.4	2.468	0.6	468,589	Open	14.2	277
8/2/2025	13:15:00	7.3	2.456	3.4	468,625	Open	14.4	277
8/2/2025	13:30:00	7.3	2.752	0.7	468,663	Open	14.5	277
8/2/2025	13:45:00	7.4	2.725	1.7	468,704	Open	14.5	280
8/2/2025	14:00:00	7.8	0.500	399.9	468,720	Closed	16.2	117
8/2/2025	14:15:00	7.4	0.356	3.3	468,746	Closed	14.6	117
8/2/2025	14:30:00	7.4	2.650	1.5	468,759	Open	14.4	278
8/2/2025	14:45:00	7.4	2.661	2.4	468,796	Open	14.1	278
8/2/2025	15:00:00	7.3	2.899	0.3	468,824	Open	14.1	273
8/2/2025	15:15:00	7.3	2.585	0.4	468,863	Open	14.2	273
8/2/2025	15:30:00	7.3	2.562	0.7	468,901	Open	14.3	273
8/2/2025	15:45:00	7.3	2.199	6.5	468,939	Open	14.3	277
8/2/2025	16:00:00	7.3	2.699	1.2	468,978	Open	14.3	280
8/2/2025	16:15:00	7.2	2.824	1.2	469,020	Open	14.2	277
8/2/2025	16:30:00	7.2	2.279	16.1	469,059	Open	14.2	277
8/2/2025	16:45:00	7.3	2.453	1.6	469,062	Closed	14.2	275
8/2/2025	17:00:00	7.3	2.525	0.2	469,098	Open	14.1	275

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**July 28, 2025 to August 03, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 08, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/2/2025	17:15:00	7.3	2.536	0.4	469,136	Open	14	276
8/2/2025	17:30:00	7.3	2.725	0.8	469,177	Open	13.9	276
8/2/2025	17:45:00	7.3	2.695	0.5	469,217	Open	13.9	276
8/2/2025	18:00:00	7.3	2.566	1.8	469,256	Open	14	274
8/2/2025	18:15:00	7.3	2.706	1.7	469,296	Open	13.9	274
8/2/2025	18:30:00	7.3	2.676	4.8	469,336	Open	13.9	273
8/2/2025	18:45:00	7.3	2.665	4.2	469,356	Open	14.3	272
8/2/2025	19:00:00	7.3	2.256	5.7	469,393	Open	14.4	277
8/2/2025	19:15:00	7.5	0.473	397.7	469,428	Closed	14.4	117
8/2/2025	19:30:00	7.3	2.665	14.7	469,456	Open	14	273
8/2/2025	19:45:00	7.3	2.631	9.7	469,495	Open	13.8	272
8/2/2025	20:00:00	7.3	2.600	7.2	469,526	Open	13.5	272
8/2/2025	20:15:00	7.2	2.615	8.6	469,549	Open	13.5	270
8/2/2025	20:30:00	7.2	2.597	13.1	469,588	Open	13.4	272
8/2/2025	20:45:00	7.2	2.574	9.3	469,617	Open	13.3	272
8/2/2025	21:00:00	7.3	2.301	179.6	469,641	Closed	14	117
8/2/2025	21:15:00	7.3	2.600	5.8	469,678	Open	13.4	270
8/2/2025	21:30:00	7.3	2.619	17.6	469,712	Open	13.3	115
8/2/2025	21:45:00	7.3	0.360	5.1	469,737	Closed	14.1	115
8/2/2025	22:00:00	7.2	2.612	2.1	469,775	Open	13.4	270
8/2/2025	22:15:00	7.2	2.619	1	469,811	Open	13.4	269
8/2/2025	22:30:00	7.2	2.597	0.9	469,850	Open	13.4	271
8/2/2025	22:45:00	7.2	2.612	2	469,874	Open	13.4	271
8/2/2025	23:00:00	7.2	0.254	3	469,908	Closed	13.3	115
8/2/2025	23:15:00	7.2	2.634	7.5	469,922	Open	13.3	268

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**July 28, 2025 to August 03, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 08, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/2/2025	23:30:00	7.2	2.619	12	469,962	Open	13.2	269
8/2/2025	23:45:00	7.2	2.657	10.6	469,982	Open	13.2	271
8/3/2025	0:00:00	7.2	2.638	8.2	470,022	Open	13.2	271
8/3/2025	0:15:00	7.2	2.627	9.6	470,062	Open	13.3	271
8/3/2025	0:30:00	7.2	2.574	10.3	470,091	Open	13.2	271
8/3/2025	0:45:00	7.2	2.627	13.1	470,130	Open	13.2	271
8/3/2025	1:00:00	7.2	2.581	17.7	470,168	Open	13.2	271
8/3/2025	1:15:00	7.2	2.638	14.5	470,204	Open	13.1	271
8/3/2025	1:30:00	7.2	2.627	5.1	470,243	Open	13.1	271
8/3/2025	1:45:00	7.2	2.585	0.2	470,282	Open	13.2	273
8/3/2025	2:00:00	7.2	2.619	0.4	470,318	Open	13.2	274
8/3/2025	2:15:00	7.2	2.570	0.5	470,357	Open	13.2	274
8/3/2025	2:30:00	7.2	2.555	0.4	470,396	Open	13.1	274
8/3/2025	2:45:00	7.2	3.028	0.3	470,437	Open	13.1	278
8/3/2025	3:00:00	7.2	2.926	1.6	470,482	Open	13.1	276
8/3/2025	3:15:00	7.2	2.653	6.6	470,522	Open	13.1	273
8/3/2025	3:30:00	7.2	0.053	10.7	470,551	Closed	13.1	114
8/3/2025	3:45:00	7.2	2.733	9	470,567	Open	13.2	274
8/3/2025	4:00:00	7.2	2.706	12.3	470,608	Open	13.1	274
8/3/2025	4:15:00	7.3	0.000	13.4	470,632	Closed	13.3	269
8/3/2025	4:30:00	7.2	2.752	6.1	470,668	Open	13.2	276
8/3/2025	4:45:00	7.2	2.725	6.5	470,709	Open	13.2	276
8/3/2025	5:00:00	7.2	2.752	7.2	470,745	Open	13.2	277
8/3/2025	5:15:00	7.2	2.759	9.7	470,772	Open	13.2	273
8/3/2025	5:30:00	7.2	2.729	7	470,813	Open	13.2	273

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**July 28, 2025 to August 03, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 08, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/3/2025	5:45:00	7.3	0.000	0.8	470,840	Closed	13.3	273
8/3/2025	6:00:00	7.2	2.718	0.3	470,868	Open	13.2	272
8/3/2025	6:15:00	7.3	0.000	0.1	470,902	Closed	13.2	272
8/3/2025	6:30:00	7.2	2.729	1	470,932	Open	13.1	269
8/3/2025	6:45:00	7.2	2.699	6.6	470,972	Open	13.1	269
8/3/2025	7:00:00	7.3	2.672	13.2	471,013	Open	13.1	269
8/3/2025	7:15:00	7.2	2.729	13.9	471,028	Open	13.1	271
8/3/2025	7:30:00	7.2	0.000	20.3	471,067	Closed	13	271
8/3/2025	7:45:00	7.2	0.912	11.4	471,076	Open	13	271
8/3/2025	8:00:00	7.2	2.585	13.2	471,107	Open	12.9	269
8/3/2025	8:15:00	7.2	2.430	16.4	471,139	Open	12.7	269
8/3/2025	8:30:00	7.2	1.374	12.1	471,170	Open	12.8	273
8/3/2025	8:45:00	7.2	0.693	8.8	471,183	Open	12.6	271
8/3/2025	9:00:00	7.3	0.344	7.1	471,200	Open	12.8	114
8/3/2025	9:15:00	7.3	1.945	14.1	471,234	Open	12.6	273
8/3/2025	9:30:00	7.3	2.998	21.3	471,264	Open	12.8	273
8/3/2025	9:45:00	7.4	2.578	0.1	471,297	Open	15.6	289
8/3/2025	10:00:00	7.3	2.615	0.1	471,336	Open	13	293
8/3/2025	10:15:00	7.3	2.320	0.3	471,369	Open	13	298
8/3/2025	10:30:00	7.4	2.581	0.7	471,407	Open	13	299
8/3/2025	10:45:00	7.4	2.392	0.7	471,444	Open	13.1	313
8/3/2025	11:00:00	7.4	2.453	0.5	471,461	Open	13.1	317
8/3/2025	11:15:00	7.3	2.464	0	471,497	Open	13.6	327
8/3/2025	11:30:00	7.3	1.601	0.1	471,525	Open	13.2	320
8/3/2025	11:45:00	7.4	2.422	3.3	471,558	Open	13	329

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/3/2025	12:00:00	7.4	2.441	1.9	471,580	Open	13.1	319
8/3/2025	12:15:00	7.5	0.000	3.7	471,610	Closed	13.1	309
8/3/2025	12:30:00	7.4	2.782	18.2	471,638	Closed	13	308
8/3/2025	12:45:00	7.3	2.316	17.6	471,659	Closed	13	308
8/3/2025	13:00:00	7.1	2.650	7.6	471,697	Open	12.9	309
8/3/2025	13:15:00	7.1	2.627	4.9	471,735	Open	13	308
8/3/2025	13:30:00	7.2	2.638	9.3	471,775	Open	13	308
8/3/2025	13:45:00	7.1	0.958	15.2	471,805	Open	13.2	309
8/3/2025	14:00:00	7.1	2.585	5.3	471,823	Open	13.3	309
8/3/2025	14:15:00	7.2	2.555	5	471,861	Open	13.3	306
8/3/2025	14:30:00	7.4	1.014	4.4	471,892	Open	13.3	303
8/3/2025	14:45:00	7.5	2.449	3.1	471,922	Open	13.3	299
8/3/2025	15:00:00	7.4	2.612	5.2	471,948	Open	13.5	300
8/3/2025	15:15:00	7.2	2.755	6.3	471,988	Open	13.4	296
8/3/2025	15:30:00	7.2	2.173	8.9	472,014	Open	13.5	308
8/3/2025	15:45:00	7.3	2.498	19.8	472,051	Open	13.6	336
8/3/2025	16:00:00	7.3	2.672	12.2	472,088	Open	13.6	382
8/3/2025	16:15:00	7.4	2.407	5.2	472,106	Open	13.4	401
8/3/2025	16:30:00	7.3	2.456	1.4	472,142	Open	13.4	411
8/3/2025	16:45:00	7.3	0.534	10.9	472,170	Open	13.8	401
8/3/2025	17:00:00	7.4	2.528	2.1	472,195	Open	13.3	397
8/3/2025	17:15:00	8.3	1.344	5.6	472,226	Open	13.3	426
8/3/2025	17:30:00	8.5	2.279	19.1	472,258	Open	13.5	464
8/3/2025	17:45:00	8.6	2.051	12.1	472,275	Open	14	443
8/3/2025	18:00:00	8	1.393	9	472,303	Open	14.2	420

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**July 28, 2025 to August 03, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 08, 2025**

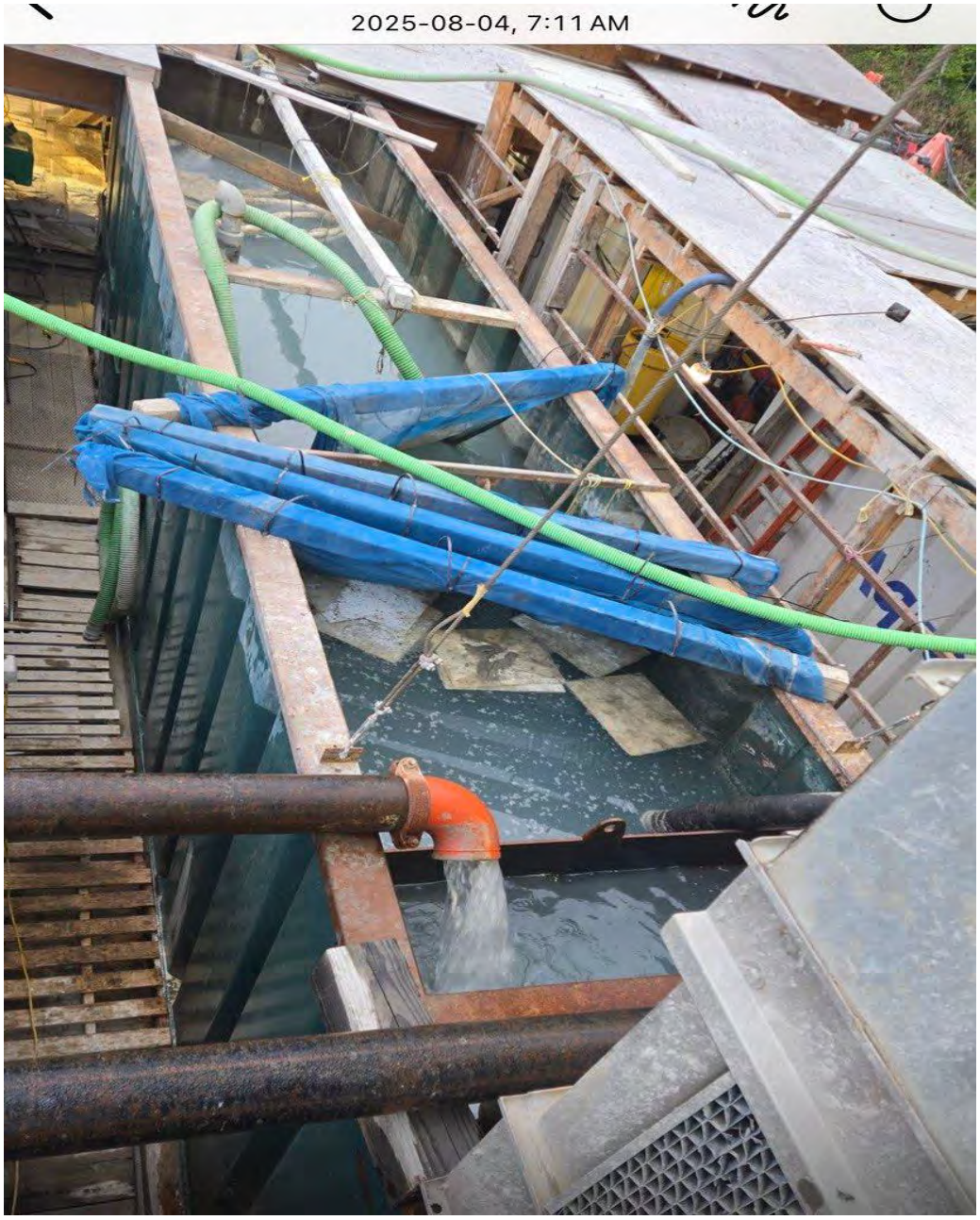
Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/3/2025	18:15:00	7.6	2.771	5	472,341	Open	13.6	426
8/3/2025	18:30:00	7.5	2.600	2.3	472,381	Open	13.3	402
8/3/2025	18:45:00	7.3	1.298	8.5	472,411	Open	13.4	375
8/3/2025	19:00:00	7.3	2.555	0.6	472,443	Open	13.1	354
8/3/2025	19:15:00	7.3	2.521	0.5	472,481	Open	13	341
8/3/2025	19:30:00	7.2	2.468	0.3	472,518	Open	12.9	335
8/3/2025	19:45:00	7.2	2.426	0.4	472,555	Open	12.9	329
8/3/2025	20:00:00	7.1	2.377	0.1	472,591	Open	12.8	328
8/3/2025	20:15:00	7.1	2.320	0.7	472,626	Open	12.8	327
8/3/2025	20:30:00	7.1	2.286	0.7	472,661	Open	12.8	324
8/3/2025	20:45:00	7.1	1.980	2.1	472,695	Open	12.9	324
8/3/2025	21:00:00	7.1	2.502	2.8	472,727	Open	12.9	321
8/3/2025	21:15:00	7.1	2.479	4.1	472,760	Open	12.9	321
8/3/2025	21:30:00	7.1	1.870	5.9	472,797	Open	12.9	318
8/3/2025	21:45:00	7.1	1.669	10.3	472,816	Closed	13.2	314
8/3/2025	22:00:00	7.1	2.403	97.1	472,832	Open	12.9	311
8/3/2025	22:15:00	7.1	1.790	0.4	472,868	Open	13.1	306
8/3/2025	22:30:00	7.2	2.426	0.1	472,900	Open	13.1	301
8/3/2025	22:45:00	7.3	2.373	2.2	472,932	Open	13	298
8/3/2025	23:00:00	7.4	1.790	0.6	472,966	Open	13	294
8/3/2025	23:15:00	7.2	2.680	0.7	473,001	Open	13	294
8/3/2025	23:30:00	7.1	2.638	0.9	473,030	Open	13	296
8/3/2025	23:45:00	7	1.998	0.2	473,069	Open	13	296

Appendix B: Photos

Photo 1: No visible sheen observed in the WTP water, June 29

Photo 2: No visible sheen observed in the WTP water, July 31


Photo 3: No visible sheen observed in the WTP water, August 04



Woodfibre LNG (East Creek)							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
WLNG-DS	2025-07-28 00:00:00	11.387	130.296	0.042	7.778	10.485	10.235
WLNG-DS	2025-07-28 01:00:00	11.374	130.520	0.034	7.778	10.494	8.926
WLNG-DS	2025-07-28 02:00:00	11.305	130.255	0.033	7.770	10.513	8.618
WLNG-DS	2025-07-28 03:00:00	11.265	129.578	0.037	7.774	10.522	6.889
WLNG-DS	2025-07-28 04:00:00	11.416	132.140	0.042	7.791	10.464	10.811
WLNG-DS	2025-07-28 05:00:00	11.310	130.711	0.041	7.772	10.495	6.065
WLNG-DS	2025-07-28 06:00:00	11.183	129.502	0.029	7.766	10.531	8.151
WLNG-DS	2025-07-28 07:00:00	11.325	131.485	0.022	7.774	10.522	9.467
WLNG-DS	2025-07-28 08:00:00	11.219	129.200	0.024	7.760	10.542	7.661
WLNG-DS	2025-07-28 09:00:00	11.784	127.380	0.019	7.789	10.411	4.498
WLNG-DS	2025-07-28 10:00:00	11.944	116.967	0.008	7.794	10.338	5.857
WLNG-DS	2025-07-28 11:00:00	12.183	131.444	0.023	7.792	10.240	27.541
WLNG-DS	2025-07-28 12:00:00	12.582	134.217	0.034	7.798	10.125	42.809
WLNG-DS	2025-07-28 13:00:00	12.567	135.381	0.013	7.815	10.231	8.018
WLNG-DS	2025-07-28 14:00:00	12.754	133.451	0.018	7.836	10.140	12.506
WLNG-DS	2025-07-28 15:00:00	12.481	132.763	0.020	7.800	10.221	10.382
WLNG-DS	2025-07-28 16:00:00	13.019	159.857	0.017	7.839	9.968	25.065
WLNG-DS	2025-07-28 17:00:00	12.694	147.298	0.017	7.800	10.100	8.531
WLNG-DS	2025-07-28 18:00:00	12.337	140.586	0.006	7.788	10.229	19.959
WLNG-DS	2025-07-28 19:00:00	12.123	147.485	0.028	7.782	10.294	38.196
WLNG-DS	2025-07-28 20:00:00	11.886	142.161	0.030	7.763	10.341	16.384
WLNG-DS	2025-07-28 21:00:00	11.683	135.751	0.031	7.731	10.385	24.135
WLNG-DS	2025-07-28 22:00:00	11.883	136.612	0.033	7.737	10.267	50.076
WLNG-DS	2025-07-28 23:00:00	11.614	137.215	0.022	7.696	10.373	29.531
WLNG-DS	2025-07-29 00:00:00	11.612	146.335	0.022	7.799	10.434	31.040
WLNG-DS	2025-07-29 01:00:00	11.614	143.493	0.018	7.843	10.414	21.299
WLNG-DS	2025-07-29 02:00:00	11.477	167.860	0.031	7.818	10.399	22.542
WLNG-DS	2025-07-29 03:00:00	11.480	347.055	-0.030	9.592	10.381	34.813
WLNG-DS	2025-07-29 04:00:00	11.522	270.482	0.024	8.004	10.410	61.570
WLNG-DS	2025-07-29 05:00:00	11.482	184.540	0.007	7.927	10.295	17.064
WLNG-DS	2025-07-29 06:00:00	11.436	170.976	0.013	7.717	10.347	38.822
WLNG-DS	2025-07-29 07:00:00	11.520	160.800	0.015	7.725	10.434	21.204
WLNG-DS	2025-07-29 08:00:00	11.564	153.119	0.023	7.768	10.409	35.603
WLNG-DS	2025-07-29 09:00:00	11.816	150.611	0.036	7.777	10.296	31.487
WLNG-DS	2025-07-29 10:00:00	11.866	165.697	0.043	7.608	10.465	0.942
WLNG-DS	2025-07-29 11:00:00	12.140	157.876	0.034	7.739	10.397	7.220
WLNG-DS	2025-07-29 12:00:00	12.443	149.503	0.020	7.824	10.309	8.739
WLNG-DS	2025-07-29 13:00:00	12.508	144.687	0.026	7.849	10.329	4.627
WLNG-DS	2025-07-29 14:00:00	12.825	147.316	0.025	7.938	10.231	15.109
WLNG-DS	2025-07-29 15:00:00	13.534	159.047	0.030	7.849	9.933	14.497
WLNG-DS	2025-07-29 16:00:00	13.172	167.789	0.024	7.702	10.114	18.981
WLNG-DS	2025-07-29 17:00:00	12.946	158.622	0.030	7.715	10.192	1.841
WLNG-DS	2025-07-29 18:00:00		159.929				
WLNG-DS	2025-07-29 19:00:00	12.701	151.428	0.007	7.871	10.242	4.404
WLNG-DS	2025-07-29 20:00:00	12.403	147.743	0.006	7.854	10.275	13.125
WLNG-DS	2025-07-29 21:00:00	12.381	151.680	0.004	7.823	10.184	12.651
WLNG-DS	2025-07-29 22:00:00	12.027	146.613	0.007	7.840	10.413	9.184
WLNG-DS	2025-07-29 23:00:00	11.972	150.308	0.004	7.879	10.407	8.675
WLNG-DS	2025-07-30 00:00:00	11.929	147.343	0.008	7.854	10.397	14.125
WLNG-DS	2025-07-30 01:00:00	12.019	150.783	0.007	7.825	10.400	29.560
WLNG-DS	2025-07-30 02:00:00	11.916	149.487	0.004	7.800	10.446	8.275
WLNG-DS	2025-07-30 03:00:00	12.271	155.584	-0.002	7.645	10.252	14.925
WLNG-DS	2025-07-30 04:00:00	12.053	171.354	0.004	7.696	10.396	29.752
WLNG-DS	2025-07-30 05:00:00	12.053	164.141	0.006	7.717	10.252	13.105
WLNG-DS	2025-07-30 06:00:00	12.042	160.290	0.000	7.717	10.380	6.240
WLNG-DS	2025-07-30 07:00:00		158.308				

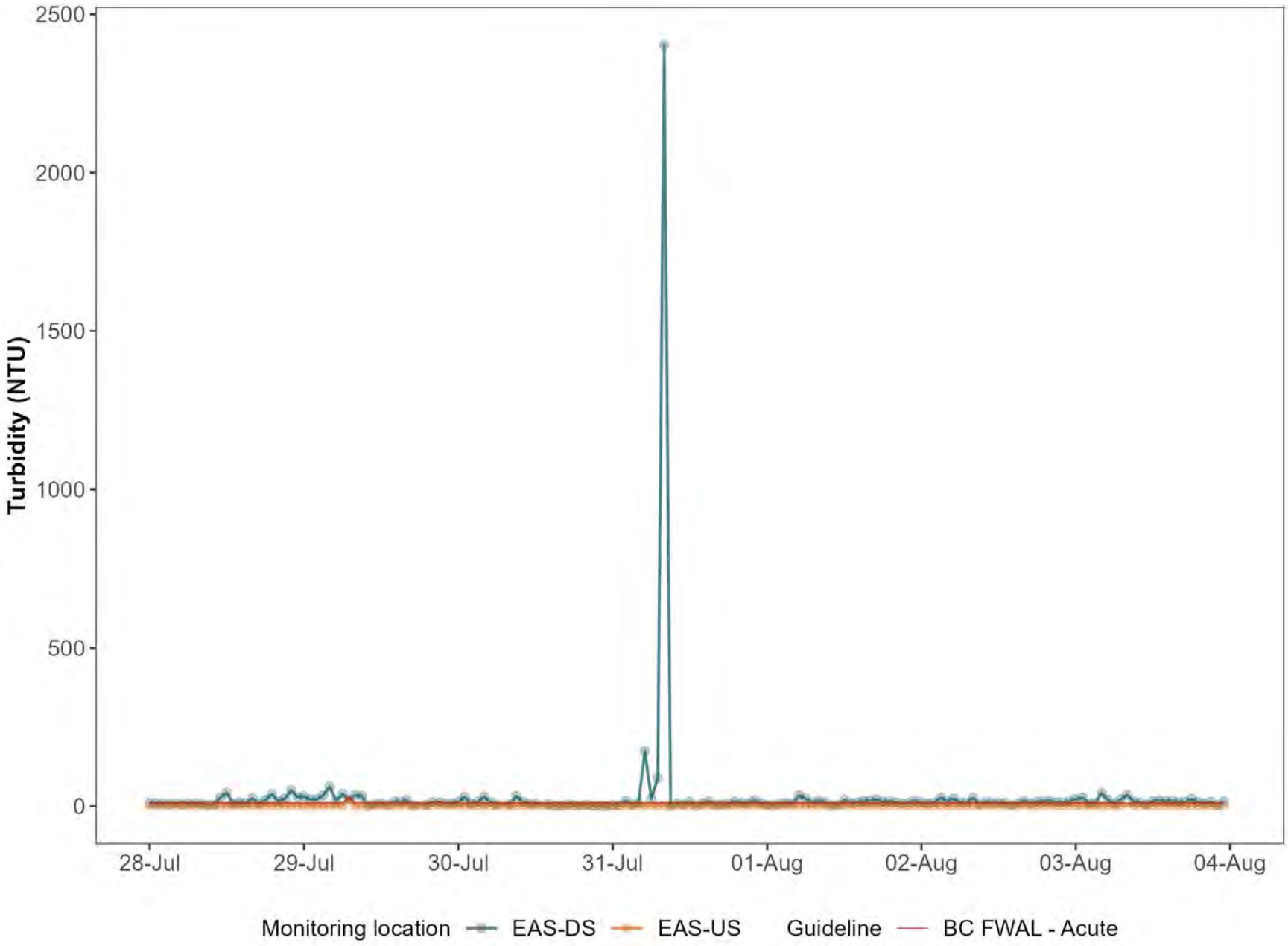
Woodfibre LNG (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-DS	2025-07-30 08:00:00	11.927	152.384	0.026	7.734	10.436	7.086
WLNG-DS	2025-07-30 09:00:00	12.056	151.499	0.029	7.625	10.479	31.764
WLNG-DS	2025-07-30 10:00:00	12.319	157.328	0.024	7.667	10.244	14.422
WLNG-DS	2025-07-30 11:00:00	12.689	165.446	0.016	7.746	10.279	7.945
WLNG-DS	2025-07-30 12:00:00	12.749	157.627	0.010	7.756	10.243	8.076
WLNG-DS	2025-07-30 13:00:00		159.882				
WLNG-DS	2025-07-30 14:00:00	13.383	156.931	-0.001	7.770	10.063	7.087
WLNG-DS	2025-07-30 15:00:00	13.322	155.236	0.002	7.752	10.084	0.881
WLNG-DS	2025-07-30 16:00:00	13.494	154.095	0.002	7.753	9.985	0.653
WLNG-DS	2025-07-30 17:00:00	13.273	141.651	-0.008	7.770	10.068	6.585
WLNG-DS	2025-07-30 18:00:00	13.238	143.582	-0.004	7.772	10.057	2.431
WLNG-DS	2025-07-30 19:00:00	12.997	143.415	-0.007	7.743	10.137	2.658
WLNG-DS	2025-07-30 20:00:00	12.746	144.360	0.016	7.709	10.209	4.755
WLNG-DS	2025-07-30 21:00:00	12.795	141.131	-0.003	7.724	10.121	0.771
WLNG-DS	2025-07-30 22:00:00	12.630	142.598	-0.007	7.734	10.207	1.953
WLNG-DS	2025-07-30 23:00:00	12.615	143.763	-0.003	7.712	10.118	0.000
WLNG-DS	2025-07-31 00:00:00	12.491	143.127	0.002	7.715	10.257	3.172
WLNG-DS	2025-07-31 01:00:00	12.447	144.311	-0.005	7.719	10.272	2.090
WLNG-DS	2025-07-31 02:00:00	12.338	143.622	-0.006	7.709	10.277	17.635
WLNG-DS	2025-07-31 03:00:00	12.323	144.360	0.003	7.700	10.284	6.008
WLNG-DS	2025-07-31 04:00:00	12.228	143.519	-0.002	7.697	10.337	10.037
WLNG-DS	2025-07-31 05:00:00	12.265	143.719	-0.006	7.707	10.328	173.252
WLNG-DS	2025-07-31 06:00:00	12.225	144.734	-0.002	7.658	10.327	24.050
WLNG-DS	2025-07-31 07:00:00	12.163	145.565	0.023	7.683	10.373	89.136
WLNG-DS	2025-07-31 08:00:00	12.100	143.268	-0.015	7.657	10.384	2402.389
WLNG-DS	2025-07-31 09:00:00	12.168	144.753	0.051	7.687	10.303	0.041
WLNG-DS	2025-07-31 10:00:00	12.273	145.709	0.047	7.713	10.356	8.864
WLNG-DS	2025-07-31 11:00:00	12.610	146.600	0.042	7.738	10.210	5.945
WLNG-DS	2025-07-31 12:00:00	12.729	149.190	0.029	7.746	10.235	15.259
WLNG-DS	2025-07-31 13:00:00	12.878	153.113	0.045	7.780	10.143	0.000
WLNG-DS	2025-07-31 14:00:00	13.104	219.998	0.034	7.772	10.092	10.002
WLNG-DS	2025-07-31 15:00:00	13.278	206.908	0.041	7.660	10.049	15.457
WLNG-DS	2025-07-31 16:00:00	12.978	184.431	0.030	7.720	10.147	4.567
WLNG-DS	2025-07-31 17:00:00	13.085	215.785	0.027	7.880	10.117	6.073
WLNG-DS	2025-07-31 18:00:00	12.921	188.446	0.024	7.611	10.159	10.684
WLNG-DS	2025-07-31 19:00:00	12.902	180.752	0.027	7.724	10.175	14.794
WLNG-DS	2025-07-31 20:00:00	12.602	175.454	0.034	7.614	10.241	10.905
WLNG-DS	2025-07-31 21:00:00	12.468	160.114	0.024	7.764	10.286	9.034
WLNG-DS	2025-07-31 22:00:00	12.525	166.540	0.027	7.667	10.266	18.637
WLNG-DS	2025-07-31 23:00:00	12.388	172.200	0.029	7.430	10.298	9.716
WLNG-DS	2025-08-01 00:00:00	12.467	173.712	0.028	7.538	10.270	4.858
WLNG-DS	2025-08-01 01:00:00	12.455	168.535	0.031	7.743	10.235	2.376
WLNG-DS	2025-08-01 02:00:00	12.550	164.062	0.024	7.743	10.288	8.887
WLNG-DS	2025-08-01 03:00:00	12.440	162.600	0.020	7.777	10.329	10.751
WLNG-DS	2025-08-01 04:00:00	12.439	166.118	0.019	7.798	10.300	9.513
WLNG-DS	2025-08-01 05:00:00	12.509	166.565	0.016	7.745	10.171	33.853
WLNG-DS	2025-08-01 06:00:00	12.416	179.948	0.014	7.762	10.346	24.691
WLNG-DS	2025-08-01 07:00:00	12.488	184.866	0.015	7.738	10.332	10.911
WLNG-DS	2025-08-01 08:00:00	12.636	182.117	0.015	7.709	10.279	17.822
WLNG-DS	2025-08-01 09:00:00	13.033	178.534	0.039	7.876	10.208	13.285
WLNG-DS	2025-08-01 10:00:00	12.900	175.099	0.017	7.860	10.161	0.766
WLNG-DS	2025-08-01 11:00:00	12.998	170.619	0.018	7.862	10.199	3.669
WLNG-DS	2025-08-01 12:00:00	13.153	166.825	0.064	7.844	10.201	20.118
WLNG-DS	2025-08-01 13:00:00	13.289	168.656	0.064	7.804	10.152	10.836
WLNG-DS	2025-08-01 14:00:00	13.156	158.936	0.059	7.785	10.180	12.405
WLNG-DS	2025-08-01 15:00:00	13.356	162.698	0.061	7.830	10.123	16.671
WLNG-DS	2025-08-01 16:00:00	13.466	165.901	0.067	7.874	10.089	18.087

Woodfibre LNG (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-DS	2025-08-01 17:00:00	13.245	167.444	0.068	7.870	10.172	21.238
WLNG-DS	2025-08-01 18:00:00	13.142	164.032	0.054	7.838	10.185	14.119
WLNG-DS	2025-08-01 19:00:00	13.151	165.098	0.037	7.821	10.175	16.438
WLNG-DS	2025-08-01 20:00:00	12.890	158.885	0.053	7.793	10.147	12.288
WLNG-DS	2025-08-01 21:00:00	12.685	158.794	0.055	7.775	10.279	9.276
WLNG-DS	2025-08-01 22:00:00	12.609	158.095	0.052	7.783	10.305	11.145
WLNG-DS	2025-08-01 23:00:00	13.646	172.314	0.023	7.852	10.037	17.538
WLNG-DS	2025-08-02 00:00:00	12.713	166.209	0.023	7.834	10.279	11.253
WLNG-DS	2025-08-02 01:00:00	12.499	164.461	0.023	7.791	10.334	9.874
WLNG-DS	2025-08-02 02:00:00	12.224	159.111	0.025	7.746	10.411	11.961
WLNG-DS	2025-08-02 03:00:00	12.449	161.736	0.033	7.762	10.206	27.458
WLNG-DS	2025-08-02 04:00:00	12.269	160.616	0.037	7.761	10.395	15.932
WLNG-DS	2025-08-02 05:00:00	12.360	158.056	0.035	7.707	10.319	24.399
WLNG-DS	2025-08-02 06:00:00	12.509	162.494	0.040	7.742	10.340	12.345
WLNG-DS	2025-08-02 07:00:00	12.531	163.938	0.021	7.751	10.340	11.064
WLNG-DS	2025-08-02 08:00:00	12.395	155.601	0.058	7.724	10.372	27.057
WLNG-DS	2025-08-02 09:00:00	13.366	168.196	0.039	7.805	10.134	6.889
WLNG-DS	2025-08-02 10:00:00	12.760	161.378	0.032	7.781	10.299	13.744
WLNG-DS	2025-08-02 11:00:00	12.990	161.158	0.039	7.784	10.254	11.977
WLNG-DS	2025-08-02 12:00:00	13.314	163.184	0.032	7.804	10.183	11.704
WLNG-DS	2025-08-02 13:00:00	13.379	160.495	0.048	7.801	10.160	11.105
WLNG-DS	2025-08-02 14:00:00	13.719	165.142	0.044	7.798	9.894	1.519
WLNG-DS	2025-08-02 15:00:00	13.660	161.636	0.041	7.807	10.060	10.011
WLNG-DS	2025-08-02 16:00:00	13.736	165.052	0.026	7.784	10.053	18.272
WLNG-DS	2025-08-02 17:00:00	13.583	161.290	0.031	7.790	10.088	8.509
WLNG-DS	2025-08-02 18:00:00	13.172	160.834	0.029	7.761	10.176	14.573
WLNG-DS	2025-08-02 19:00:00	13.214	162.001	0.017	7.771	10.160	16.340
WLNG-DS	2025-08-02 20:00:00	12.641	153.975	0.031	7.724	10.307	17.298
WLNG-DS	2025-08-02 21:00:00	12.408	152.559	0.043	7.733	10.328	12.560
WLNG-DS	2025-08-02 22:00:00	12.434	154.491	0.062	7.735	10.370	11.974
WLNG-DS	2025-08-02 23:00:00	12.406	153.981	0.053	7.716	10.377	15.607
WLNG-DS	2025-08-03 00:00:00	12.282	154.730	0.047	7.714	10.414	22.714
WLNG-DS	2025-08-03 01:00:00	12.308	154.367	0.044	7.689	10.403	27.653
WLNG-DS	2025-08-03 02:00:00	12.380	159.974	0.033	7.736	10.362	9.049
WLNG-DS	2025-08-03 03:00:00	12.219	159.861	0.029	7.714	10.416	10.243
WLNG-DS	2025-08-03 04:00:00	12.256	159.663	0.040	7.703	10.413	41.716
WLNG-DS	2025-08-03 05:00:00	12.298	158.836	0.054	7.698	10.412	20.430
WLNG-DS	2025-08-03 06:00:00	12.170	155.768	0.041	7.691	10.451	8.283
WLNG-DS	2025-08-03 07:00:00	12.184	155.729	0.042	7.700	10.440	21.862
WLNG-DS	2025-08-03 08:00:00	12.081	152.234	0.090	7.672	10.456	35.800
WLNG-DS	2025-08-03 09:00:00	12.094	152.487	0.056	7.717	10.456	15.492
WLNG-DS	2025-08-03 10:00:00	12.375	178.535	0.053	7.758	10.396	12.000
WLNG-DS	2025-08-03 11:00:00	12.490	202.468	0.059	7.790	10.191	5.772
WLNG-DS	2025-08-03 12:00:00	12.391	218.793	0.070	7.830	10.386	16.898
WLNG-DS	2025-08-03 13:00:00	12.403	198.871	0.077	7.661	10.382	18.429
WLNG-DS	2025-08-03 14:00:00	12.908	197.053	0.066	7.693	10.073	17.189
WLNG-DS	2025-08-03 15:00:00	12.999	183.567	0.054	7.786	10.136	17.176
WLNG-DS	2025-08-03 16:00:00	12.799	322.331	0.048	7.768	10.251	13.787
WLNG-DS	2025-08-03 17:00:00	12.717	305.773	0.045	7.786	10.270	13.146
WLNG-DS	2025-08-03 18:00:00	13.457	314.772	0.038	8.058	10.046	23.720
WLNG-DS	2025-08-03 19:00:00	12.534	239.935	0.055	7.672	10.292	13.229
WLNG-DS	2025-08-03 20:00:00	12.194	213.674	0.050	7.654	10.381	9.167
WLNG-DS	2025-08-03 21:00:00	12.196	208.145	0.051	7.636	10.396	14.852
WLNG-DS	2025-08-03 22:00:00	12.321	201.097	0.063	7.687	10.180	3.043
WLNG-DS	2025-08-03 23:00:00	12.069	177.768	0.041	7.738	10.430	14.878
WLNG-US	2025-07-28 00:00:00	15.946	24.234	0.312	7.260	8.448	2.061
WLNG-US	2025-07-28 01:00:00	15.837	24.323	0.311	7.261	8.481	1.785

Woodfibre LNG (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-US	2025-07-28 02:00:00	15.705	24.233	0.311	7.219	8.521	1.805
WLNG-US	2025-07-28 03:00:00	15.568	24.024	0.312	7.252	8.560	1.829
WLNG-US	2025-07-28 04:00:00	15.429	24.334	0.309	7.279	8.603	1.747
WLNG-US	2025-07-28 05:00:00	15.298	24.191	0.311	7.208	8.627	1.750
WLNG-US	2025-07-28 06:00:00	15.146	24.383	0.310	7.221	8.657	1.735
WLNG-US	2025-07-28 07:00:00	15.035	24.195	0.305	7.306	8.706	1.640
WLNG-US	2025-07-28 08:00:00	15.001	23.839	0.311	7.265	8.777	1.700
WLNG-US	2025-07-28 09:00:00	15.076	24.139	0.307	7.295	8.840	1.629
WLNG-US	2025-07-28 10:00:00	15.243	23.875	0.305	7.334	8.847	1.671
WLNG-US	2025-07-28 11:00:00	15.947	23.438	0.302	7.423	8.951	1.729
WLNG-US	2025-07-28 12:00:00	16.633	23.781	0.301	7.436	8.953	1.872
WLNG-US	2025-07-28 13:00:00	16.380	23.635	0.313	7.409	8.780	1.823
WLNG-US	2025-07-28 14:00:00		23.824				1.826
WLNG-US	2025-07-28 15:00:00	16.638	23.859	0.315	7.220	8.607	1.853
WLNG-US	2025-07-28 16:00:00	16.730	23.943	0.316	7.217	8.570	1.858
WLNG-US	2025-07-28 17:00:00	16.708	23.714	0.328	7.037	8.464	1.846
WLNG-US	2025-07-28 18:00:00	16.723	23.832	0.321	7.291	8.416	1.863
WLNG-US	2025-07-28 19:00:00	16.660	24.167	0.327	7.203	8.359	1.863
WLNG-US	2025-07-28 20:00:00	16.579	24.567	0.316	7.293	8.348	1.824
WLNG-US	2025-07-28 21:00:00	16.495	24.648	0.323	7.212	8.323	1.826
WLNG-US	2025-07-28 22:00:00	16.388	24.699	0.333	6.954	8.349	1.875
WLNG-US	2025-07-28 23:00:00	16.270	24.243	0.322	7.205	8.378	1.818
WLNG-US	2025-07-29 00:00:00	16.147	24.651	0.320	7.160	8.427	1.780
WLNG-US	2025-07-29 01:00:00	16.017	24.417	0.319	7.181	8.441	1.810
WLNG-US	2025-07-29 02:00:00	15.881	24.215	0.329	6.953	8.494	1.825
WLNG-US	2025-07-29 03:00:00	15.740	24.281	0.316	7.239	8.525	1.798
WLNG-US	2025-07-29 04:00:00	15.618	24.217	0.318	7.264	8.568	1.748
WLNG-US	2025-07-29 05:00:00	15.492	23.930	0.318	7.144	8.597	1.740
WLNG-US	2025-07-29 06:00:00	15.347	23.857	0.317	7.285	8.652	1.684
WLNG-US	2025-07-29 07:00:00	15.235	23.826	0.318	7.281	8.692	21.079
WLNG-US	2025-07-29 08:00:00	15.199	23.832	0.325	7.045	8.751	1.696
WLNG-US	2025-07-29 09:00:00	15.295	23.732	0.316	7.279	8.794	1.715
WLNG-US	2025-07-29 10:00:00	15.452	23.845	0.323	7.016	8.796	1.892
WLNG-US	2025-07-29 11:00:00	16.148	23.465	0.298	7.373	8.962	1.839
WLNG-US	2025-07-29 12:00:00	16.843	23.743	0.296	7.412	8.902	2.002
WLNG-US	2025-07-29 13:00:00	16.601	23.637	0.298	7.396	8.736	1.830
WLNG-US	2025-07-29 14:00:00	16.757	23.687	0.319	7.080	8.648	1.888
WLNG-US	2025-07-29 15:00:00	16.944	23.805	0.305	7.334	8.535	1.913
WLNG-US	2025-07-29 16:00:00	17.063	23.859	0.325	7.029	8.486	1.925
WLNG-US	2025-07-29 17:00:00	17.072	24.001	0.308	7.292	8.385	1.902
WLNG-US	2025-07-29 18:00:00	17.057	24.248	0.311	7.255	8.313	1.887
WLNG-US	2025-07-29 19:00:00	16.981	24.407	0.313	7.196	8.273	1.925
WLNG-US	2025-07-29 20:00:00	16.897	24.517	0.309	7.240	8.256	1.860
WLNG-US	2025-07-29 21:00:00	16.809	24.570	0.309	7.218	8.247	4.384
WLNG-US	2025-07-29 22:00:00	16.715	24.728	0.309	7.205	8.257	1.851
WLNG-US	2025-07-29 23:00:00	16.600	24.766	0.323	6.972	8.290	1.861
WLNG-US	2025-07-30 00:00:00	16.488	24.483	0.310	7.165	8.342	3.444
WLNG-US	2025-07-30 01:00:00		24.465				1.815
WLNG-US	2025-07-30 02:00:00	16.248	24.495	0.307	7.239	8.392	1.820
WLNG-US	2025-07-30 03:00:00	16.126	24.533	0.304	7.231	8.417	1.832
WLNG-US	2025-07-30 04:00:00	15.999	25.000	0.302	7.237	8.447	1.898
WLNG-US	2025-07-30 05:00:00	15.854	24.419	0.302	7.288	8.491	1.786
WLNG-US	2025-07-30 06:00:00	15.737	24.605	0.299	7.290	8.517	1.771
WLNG-US	2025-07-30 07:00:00	15.621	24.216	0.302	7.279	8.582	1.745
WLNG-US	2025-07-30 08:00:00	15.598	24.306	0.303	7.265	8.662	1.716
WLNG-US	2025-07-30 09:00:00	15.691	23.976	0.301	7.260	8.741	1.801
WLNG-US	2025-07-30 10:00:00	15.866	24.373	0.298	7.329	8.783	1.792

Woodfibre LNG (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-US	2025-07-30 11:00:00	16.530	23.953	0.298	7.403	8.869	2.058
WLNG-US	2025-07-30 12:00:00	17.244	24.284	0.296	7.454	8.795	1.932
WLNG-US	2025-07-30 13:00:00	17.001	24.422	0.299	7.390	8.646	1.949
WLNG-US	2025-07-30 14:00:00	17.166	24.460	0.296	7.414	8.537	1.906
WLNG-US	2025-07-30 15:00:00	17.311	24.370	0.300	7.364	8.465	1.923
WLNG-US	2025-07-30 16:00:00	17.432	24.389	0.300	7.364	8.396	1.950
WLNG-US	2025-07-30 17:00:00	17.392	24.499	0.307	7.288	8.284	1.977
WLNG-US	2025-07-30 18:00:00	17.375	24.563	0.305	7.303	8.208	1.884
WLNG-US	2025-07-30 19:00:00	17.293	24.758	0.305	7.283	8.179	1.945
WLNG-US	2025-07-30 20:00:00	17.196	25.123	0.305	7.264	8.172	1.899
WLNG-US	2025-07-30 21:00:00	17.116	25.253	0.302	7.239	8.152	1.960
WLNG-US	2025-07-30 22:00:00	17.017	25.029	0.304	7.234	8.164	1.932
WLNG-US	2025-07-30 23:00:00	16.919	25.148	0.304	7.228	8.188	1.877
WLNG-US	2025-07-31 00:00:00	16.811	25.036	0.301	7.239	8.217	1.884
WLNG-US	2025-07-31 01:00:00	16.704	24.991	0.299	7.261	8.267	1.864
WLNG-US	2025-07-31 02:00:00		24.678				1.867
WLNG-US	2025-07-31 03:00:00	16.514	24.714	0.318	6.975	8.300	1.838
WLNG-US	2025-07-31 04:00:00	16.438	24.502	0.319	6.957	8.322	1.857
WLNG-US	2025-07-31 05:00:00	16.371	24.497	0.304	7.208	8.355	1.832
WLNG-US	2025-07-31 06:00:00	16.293	24.552	0.301	7.254	8.358	1.837
WLNG-US	2025-07-31 07:00:00	16.223	24.358	0.301	7.252	8.438	1.804
WLNG-US	2025-07-31 08:00:00	16.208	24.288	0.300	7.272	8.531	1.822
WLNG-US	2025-07-31 09:00:00	16.302	24.062	0.303	7.254	8.636	1.842
WLNG-US	2025-07-31 10:00:00	16.445	26.473	0.305	7.228	8.717	1.919
WLNG-US	2025-07-31 11:00:00	16.716	26.430	0.304	7.300	8.704	1.938
WLNG-US	2025-07-31 12:00:00	17.482	23.822	0.295	7.461	8.755	1.971
WLNG-US	2025-07-31 13:00:00	17.316	26.424	0.313	7.163	8.644	1.971
WLNG-US	2025-07-31 14:00:00	17.493	26.541	0.305	7.288	8.495	1.925
WLNG-US	2025-07-31 15:00:00	17.665	24.147	0.302	7.370	8.383	1.982
WLNG-US	2025-07-31 16:00:00	17.711	24.054	0.305	7.346	8.386	2.001
WLNG-US	2025-07-31 17:00:00	17.683	24.231	0.304	7.345	8.239	1.974
WLNG-US	2025-07-31 18:00:00	17.660	24.406	0.310	7.235	8.207	2.005
WLNG-US	2025-07-31 19:00:00	17.610	24.471	0.305	7.323	8.169	2.007
WLNG-US	2025-07-31 20:00:00	17.532	24.555	0.309	7.264	8.160	2.002
WLNG-US	2025-07-31 21:00:00	17.462	24.975	0.309	7.241	8.083	2.001
WLNG-US	2025-07-31 22:00:00	17.371	24.839	0.324	6.988	8.075	1.971
WLNG-US	2025-07-31 23:00:00	17.280	24.862	0.309	7.241	8.125	1.948
WLNG-US	2025-08-01 00:00:00	17.187	24.691	0.308	7.257	8.150	1.944
WLNG-US	2025-08-01 01:00:00	17.087	24.852	0.304	7.281	8.185	1.932
WLNG-US	2025-08-01 02:00:00	16.994	24.797	0.306	7.236	8.202	1.928
WLNG-US	2025-08-01 03:00:00	16.889	24.654	0.320	7.003	8.236	1.919
WLNG-US	2025-08-01 04:00:00	16.789	24.484	0.322	6.992	8.270	1.907
WLNG-US	2025-08-01 05:00:00	16.694	24.493	0.307	7.232	8.291	1.900
WLNG-US	2025-08-01 06:00:00	16.584	24.496	0.306	7.252	8.326	2.161
WLNG-US	2025-08-01 07:00:00	16.504	24.228	0.304	7.279	8.385	1.882
WLNG-US	2025-08-01 08:00:00	16.487	24.125	0.304	7.263	8.471	1.847
WLNG-US	2025-08-01 09:00:00	16.621	23.914	0.304	7.310	8.574	1.888
WLNG-US	2025-08-01 10:00:00	16.747	24.354	0.303	7.338	8.599	1.884
WLNG-US	2025-08-01 11:00:00	17.324	23.748	0.299	7.413	8.721	2.142
WLNG-US	2025-08-01 12:00:00	17.960	23.753	0.297	7.474	8.701	2.062
WLNG-US	2025-08-01 13:00:00	17.635	24.003	0.302	7.430	8.589	2.023
WLNG-US	2025-08-01 14:00:00	17.695	23.806	0.306	7.396	8.496	2.050
WLNG-US	2025-08-01 15:00:00	17.832	23.964	0.308	7.342	8.373	2.057
WLNG-US	2025-08-01 16:00:00	17.942	24.013	0.307	7.370	8.386	2.056
WLNG-US	2025-08-01 17:00:00	17.879	24.285	0.309	7.338	8.251	2.067
WLNG-US	2025-08-01 18:00:00	17.828	26.849	0.315	7.259	8.200	2.022

Woodfibre LNG (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-US	2025-08-01 19:00:00	17.717	24.519	0.315	7.243	8.129	2.085
WLNG-US	2025-08-01 20:00:00	17.587	24.759	0.311	7.253	8.100	2.042
WLNG-US	2025-08-01 21:00:00	17.488	24.823	0.310	7.231	8.093	2.027
WLNG-US	2025-08-01 22:00:00	17.383	24.778	0.310	7.202	8.114	2.007
WLNG-US	2025-08-01 23:00:00	17.268	24.815	0.305	7.259	8.143	1.992
WLNG-US	2025-08-02 00:00:00	17.158	24.668	0.307	7.240	8.176	1.986
WLNG-US	2025-08-02 01:00:00	17.035	24.587	0.305	7.235	8.184	1.897
WLNG-US	2025-08-02 02:00:00	16.906	24.543	0.303	7.265	8.253	1.944
WLNG-US	2025-08-02 03:00:00		24.438				1.935
WLNG-US	2025-08-02 04:00:00	16.654	25.036	0.300	7.257	8.298	1.986
WLNG-US	2025-08-02 05:00:00	16.530	24.691	0.297	7.281	8.355	1.912
WLNG-US	2025-08-02 06:00:00	16.425	24.572	0.299	7.246	8.381	1.908
WLNG-US	2025-08-02 07:00:00	16.342	24.456	0.316	7.002	8.446	1.896
WLNG-US	2025-08-02 08:00:00	16.312	24.205	0.302	7.332	8.515	1.916
WLNG-US	2025-08-02 09:00:00	16.393	24.392	0.300	7.320	8.636	1.932
WLNG-US	2025-08-02 10:00:00	16.534	23.977	0.299	7.385	8.706	1.952
WLNG-US	2025-08-02 11:00:00	17.274	24.025	0.292	7.477	8.829	2.017
WLNG-US	2025-08-02 12:00:00	17.842	23.949	0.297	7.485	8.734	2.071
WLNG-US	2025-08-02 13:00:00	17.614	24.090	0.299	7.394	8.571	2.020
WLNG-US	2025-08-02 14:00:00	17.702	24.187	0.300	7.417	8.499	2.056
WLNG-US	2025-08-02 15:00:00	17.846	24.479	0.306	7.371	8.369	2.050
WLNG-US	2025-08-02 16:00:00	17.891	24.674	0.307	7.339	8.308	2.060
WLNG-US	2025-08-02 17:00:00		24.369				2.052
WLNG-US	2025-08-02 18:00:00	17.786	26.813	0.311	7.260	8.151	2.035
WLNG-US	2025-08-02 19:00:00	17.667	27.100	0.315	7.168	8.139	2.104
WLNG-US	2025-08-02 20:00:00	17.530	27.210	0.314	7.129	8.113	2.056
WLNG-US	2025-08-02 21:00:00	17.411	24.790	0.306	7.216	8.120	1.982
WLNG-US	2025-08-02 22:00:00	17.288	24.556	0.323	6.968	8.116	2.454
WLNG-US	2025-08-02 23:00:00	17.164	24.486	0.311	7.216	8.178	1.940
WLNG-US	2025-08-03 00:00:00	17.023	24.533	0.309	7.245	8.212	1.971
WLNG-US	2025-08-03 01:00:00	16.883	24.566	0.307	7.255	8.242	1.954
WLNG-US	2025-08-03 02:00:00	16.750	24.356	0.308	7.235	8.267	1.968
WLNG-US	2025-08-03 03:00:00	16.616	24.339	0.305	7.245	8.311	1.898
WLNG-US	2025-08-03 04:00:00	16.494	24.250	0.304	7.260	8.334	1.920
WLNG-US	2025-08-03 05:00:00	16.366	23.990	0.302	7.272	8.376	1.869
WLNG-US	2025-08-03 06:00:00	16.256	24.232	0.301	7.268	8.397	1.887
WLNG-US	2025-08-03 07:00:00	16.213	24.059	0.304	7.276	8.448	1.911
WLNG-US	2025-08-03 08:00:00		26.510				
WLNG-US	2025-08-03 09:00:00	16.277	24.110	0.295	7.347	8.606	1.976
WLNG-US	2025-08-03 10:00:00	16.372	23.564	0.295	7.377	8.715	1.922
WLNG-US	2025-08-03 11:00:00	16.535	23.633	0.291	7.436	8.731	1.910
WLNG-US	2025-08-03 12:00:00	16.611	23.643	0.295	7.414	8.685	1.988
WLNG-US	2025-08-03 13:00:00	16.769	23.427	0.295	7.457	8.767	1.911
WLNG-US	2025-08-03 14:00:00	17.098	23.540	0.297	7.460	8.675	1.973
WLNG-US	2025-08-03 15:00:00	17.252	24.178	0.301	7.422	8.553	1.981
WLNG-US	2025-08-03 16:00:00	17.306	24.312	0.300	7.378	8.456	2.383
WLNG-US	2025-08-03 17:00:00	17.255	24.172	0.303	7.374	8.352	1.973
WLNG-US	2025-08-03 18:00:00	17.239	24.292	0.307	7.340	8.278	1.974
WLNG-US	2025-08-03 19:00:00	17.148	24.327	0.307	7.286	8.212	2.012
WLNG-US	2025-08-03 20:00:00	17.056	24.670	0.304	7.270	8.184	1.980
WLNG-US	2025-08-03 21:00:00	16.967	24.770	0.304	7.267	8.167	1.926
WLNG-US	2025-08-03 22:00:00	16.894	24.929	0.300	7.260	8.183	1.956
WLNG-US	2025-08-03 23:00:00	16.849	24.651	0.300	7.224	8.180	1.969


2500
2000
1500
1000
500
0
Turbidity (NTU)
28-Jul
29-Jul
30-Jul
31-Jul
01-Aug
02-Aug
03-Aug
04-Aug
Monitoring location
EAS-DS
EAS-US
Guideline
BC FWAL - Acute

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 2025-07-29 09:50:00 [3]**	**WLNG DS 2025-07-29 08:55:00 [3]**
In situ Parameters									
Field pH	**pH Units**	6.5 - 9			7 - 8.7			**6.39**	**6.76**
Field Temperature	**°C**	18	19					15	11.8
General Parameters									
pH	**pH Units**							6.84	8.07
Alkalinity (Total as $CaCO_3$)	**mg/L**							8	65
Alkalinity (PP as $CaCO_3$)	**mg/L**							<1	<1
Hardness ($CaCO_3$)-Total	**mg/L**							9.09	73.8
Hardness ($CaCO_3$)-Dissolved	**mg/L**							8.33	68.4
Sulphide-Total	**mg/L**							<0.0018	<0.0018
Sulphide (as H_2S)	**mg/L**			0.002				<0.002	-11111
Un-ionized Hydrogen Sulfide as H_2S-Total	**mg/L**							<0.0019	<0.0019
Un-ionized Hydrogen Sulfide as S-Total	**mg/L**							<0.0018	<0.0018
Anions and Nutrients									
Ammonia (N)-Total	**mg/L**	1.77	22.5		14	131		<0.015	0.016
Bicarbonate (HCO_3)	**mg/L**							9.8	79
Carbonate (CO_3)	**mg/L**							<1	<1
Hydroxide (OH)	**mg/L**							<1	<1
Nitrate (N)	**mg/L**	3	32.8		3.7			0.024	<0.02
Nitrite (N)	**mg/L**	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	**mg/L**							0.024	<0.02
Nitrogen (N)-Total	**mg/L**							0.101	0.229
Phosphorus (P)-Total (4500-P)	**mg/L**							0.01	0.0055
Bromide (Br)	**mg/L**							<0.01	<0.01
Chloride (Cl)	**mg/L**	150	600					<1	7.9
Fluoride (F)	**mg/L**		0.4			1.5		<0.05	0.19
Sulphate (SO_4)-Dissolved	**mg/L**	128						2.3	8.4

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 2025-07-29 09:50:00** [3]	**WLNG DS 2025-07-29 08:55:00** [3]
Total Metals									
Aluminum (Al)-Total	**mg/L**	0.024834						**0.0813**	**0.339**
Antimony (Sb)-Total	**mg/L**	0.074	0.25					0.000023	0.000156
Arsenic (As)-Total	**mg/L**	0.005			0.0125			0.000115	0.0017
Barium (Ba)-Total	**mg/L**			1				0.00595	0.0128
Beryllium (Be)-Total	**mg/L**			0.00013			0.1	<0.00001	<0.00001
Bismuth (Bi)-Total	**mg/L**							<0.000005	<0.000005
Boron (B)-Total	**mg/L**	1.2			1.2			<0.01	0.014
Cadmium (Cd)-Total	**mg/L**						0.00012	0.0000079	0.0000195
Calcium (Ca)-Total	**mg/L**							3.11	27.7
Cesium (Cs)-Total	**mg/L**							<0.00005	<0.00005
Chromium (Cr)-Total	**mg/L**							<0.0001	0.00071
Chromium (Cr III)-Total	**mg/L**			0.0089			0.056	<0.00099	<0.00099
Chromium (Cr VI)-Total	**mg/L**			0.0025			0.0015	<0.00099	<0.00099
Cobalt (Co)-Total	**mg/L**							0.0000392	0.000194
Copper (Cu)-Total	**mg/L**				0.002	0.003		0.000682	0.000499
Iron (Fe)-Total	**mg/L**		1					0.0975	0.076
Lead (Pb)-Total	**mg/L**				0.002	0.14		0.0000384	0.000027
Lithium (Li)-Total	**mg/L**							<0.0005	0.00227
Magnesium (Mg)-Total	**mg/L**							0.323	1.12
Manganese (Mn)-Total	**mg/L**	0.645	0.64				0.1	0.00364	0.0673
Mercury (Hg)-Total	**mg/L**	0.00002			0.00002			0.0000031	0.000002
Molybdenum (Mo)-Total	**mg/L**	7.6	46					0.000548	0.019
Nickel (Ni)-Total	**mg/L**						0.0083	0.000278	0.000398
Phosphorus (P)-Total (ICPMS)	**mg/L**							0.0117	0.0064
Potassium (K)-Total	**mg/L**							0.214	1.11
Rubidium (Rb)-Total	**mg/L**							0.000546	0.00243
Selenium (Se)-Total	**mg/L**	0.002			0.002			<0.00004	0.000066
Silicon (Si)-Total	**mg/L**							4.77	7.6
Silver (Ag)-Total	**mg/L**	0.00012			0.0005	0.0037	0.0005	<0.000005	<0.000005
Sodium (Na)-Total	**mg/L**							1.96	5.13
Strontium (Sr)-Total	**mg/L**							0.017	0.0543
Sulphur (S)-Total	**mg/L**							<3	3.1
Tellurium (Te)-Total	**mg/L**							<0.00002	<0.00002
Thallium (Tl)-Total	**mg/L**			0.00003				0.0000024	0.000012
Thorium (Th)-Total	**mg/L**							<0.00005	<0.00005
Tin (Sn)-Total	**mg/L**							<0.0002	<0.0002
Titanium (Ti)-Total	**mg/L**							0.00178	0.00189
Uranium (U)-Total	**mg/L**		0.0165	0.0075				0.0000668	0.00126
Vanadium (V)-Total	**mg/L**			0.06			0.005	0.00025	0.00062
Zinc (Zn)-Total	**mg/L**				0.01	0.055		0.0019	0.00185
Zirconium (Zr)-Total	**mg/L**							<0.0001	<0.0001

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 2025-07-29 09:50:00** [3]	**WLNG DS 2025-07-29 08:55:00** [3]
Dissolved Metals									
Aluminum (Al)-Dissolved	**mg/L**							0.032	0.126
Antimony (Sb)-Dissolved	**mg/L**							0.000024	0.00015
Arsenic (As)-Dissolved	**mg/L**							0.000115	0.00151
Barium (Ba)-Dissolved	**mg/L**							0.00507	0.0113
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	0.011
Cadmium (Cd)-Dissolved	**mg/L**	0.000036	0.00005					<0.000005	0.0000135
Calcium (Ca)-Dissolved	**mg/L**							2.85	25.7
Cesium (Cs)-Dissolved	**mg/L**							<0.00005	<0.00005
Chromium (Cr)-Dissolved	**mg/L**							<0.0001	0.00064
Cobalt (Co)-Dissolved	**mg/L**	0.000389						0.0000182	0.000158
Copper (Cu)-Dissolved	**mg/L**	0.0002	0.0002					**0.000579**	**0.00038**
Iron (Fe)-Dissolved	**mg/L**		0.35					0.0375	0.0034
Lead (Pb)-Dissolved	**mg/L**	0.00177						0.0000192	<0.000005
Lithium (Li)-Dissolved	**mg/L**							<0.0005	0.00195
Manganese (Mn)-Dissolved	**mg/L**							0.00095	0.0583
Magnesium (Mg)-Dissolved	**mg/L**							0.296	1
Mercury (Hg)-Dissolved	**mg/L**							<0.0000019	<0.0000019
Molybdenum (Mo)-Dissolved	**mg/L**							0.000503	0.0178
Nickel (Ni)-Dissolved	**mg/L**	0.0007	0.0107					0.000256	0.00036
Phosphorus (P)-Dissolved	**mg/L**							0.0071	0.0023
Potassium (K)-Dissolved	**mg/L**							0.209	1.02
Rubidium (Rb)-Dissolved	**mg/L**							0.000477	0.00206
Selenium (Se)-Dissolved	**mg/L**							<0.00004	0.000053
Silicon (Si)-Dissolved	**mg/L**							4.54	7.24
Silver (Ag)-Dissolved	**mg/L**							<0.000005	<0.000005
Sodium (Na)-Dissolved	**mg/L**							1.84	4.68
Strontium (Sr)-Dissolved	**mg/L**			1.25				0.0157	0.0477
Sulphur (S)-Dissolved	**mg/L**							<3	<3
Tellurium (Te)-Dissolved	**mg/L**							<0.00002	<0.00002
Thallium (Tl)-Dissolved	**mg/L**							<0.000002	0.0000107
Thorium (Th)-Dissolved	**mg/L**							0.0000109	<0.000005
Tin (Sn)-Dissolved	**mg/L**							<0.0002	<0.0002
Titanium (Ti)-Dissolved	**mg/L**							<0.0005	<0.0005
Uranium (U)-Dissolved	**mg/L**							0.0000502	0.00105
Vanadium (V)-Dissolved	**mg/L**							<0.0002	0.00057
Zinc (Zn)-Dissolved	**mg/L**	0.006658	0.008896					0.00104	0.0021
Zirconium (Zr)-Dissolved	**mg/L**							<0.0001	<0.0001
Inorganics									
Organic Carbon (C)-Total	**mg/L**							2	1.9
Organic Carbon (C)-Dissolved	**mg/L**							2	1.3
Solids-Total Dissolved	**mg/L**							<10	76
Solids-Total Suspended	**mg/L**	11.8	31.8					6.8	2.4

[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

Location Information

Site ID:	WLNG (EAS) DS	**Date:**	July 29, 2025
Site Name:	East Creek	**Time:**	9:50
Site UTM:	Zone: E:	**Crew:**	WS
(NAD83)	N:	**Weather:**	Clear

In Situ Parameters

pH:	6.76	DO:	4.41 (mg/L)
Temp.:	11.8 (°C)	Cond:	210.6 (us)
Turbidity:	7.81 NTU		

Visible Sheen: N

Water Surface Condition: Clear

Photo Record

Photo

Photo

Photo

Observations

Location Information

Site ID:	WLNG (EAS) US		**Date:**	July 29, 2025
Site Name:	East Creek		**Time:**	8:55
Site UTM:	Zone:	E:	**Crew:**	WS
(NAD83)		N:	**Weather:**	Clear

In Situ Parameters

pH:	6.39		DO:	2.34	(mg/L)
Temp.:	15	(°C)	Cond:	62.7	(us)
Turbidity:	3.18	NTU			

Visible Sheen: N

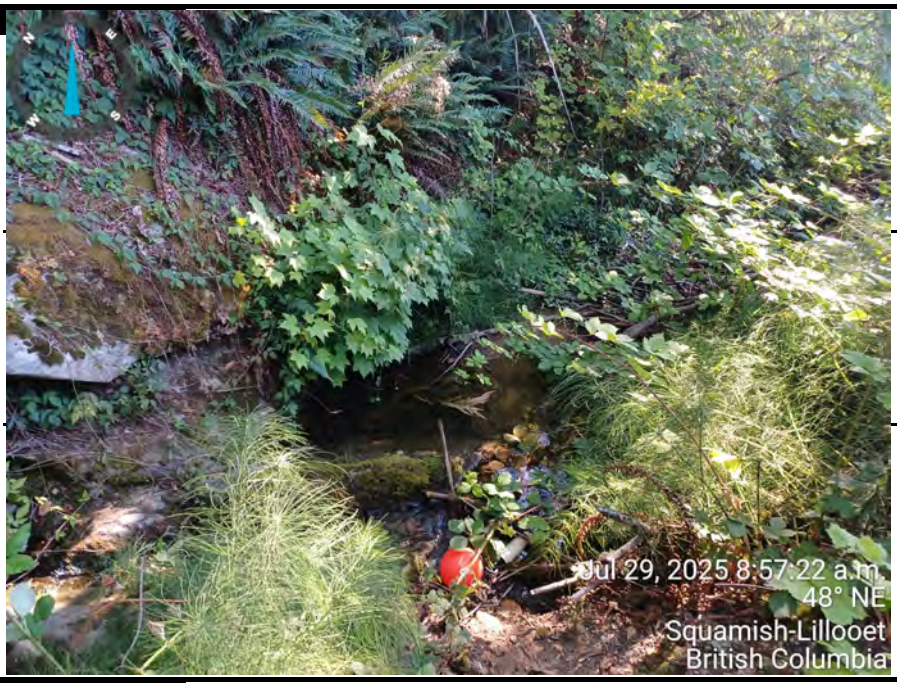
Water Surface Condition: Clear

Photo Record

Photo

Photo

Photo



Observations

Woodfibre LNG (East Creek)							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
WLNG-DS	2025-07-28 00:00:00	11.387	130.296	0.042	7.778	10.485	10.235
WLNG-DS	2025-07-28 01:00:00	11.374	130.520	0.034	7.778	10.494	8.926
WLNG-DS	2025-07-28 02:00:00	11.305	130.255	0.033	7.770	10.513	8.618
WLNG-DS	2025-07-28 03:00:00	11.265	129.578	0.037	7.774	10.522	6.889
WLNG-DS	2025-07-28 04:00:00	11.416	132.140	0.042	7.791	10.464	10.811
WLNG-DS	2025-07-28 05:00:00	11.310	130.711	0.041	7.772	10.495	6.065
WLNG-DS	2025-07-28 06:00:00	11.183	129.502	0.029	7.766	10.531	8.151
WLNG-DS	2025-07-28 07:00:00	11.325	131.485	0.022	7.774	10.522	9.467
WLNG-DS	2025-07-28 08:00:00	11.219	129.200	0.024	7.760	10.542	7.661
WLNG-DS	2025-07-28 09:00:00	11.784	127.380	0.019	7.789	10.411	4.498
WLNG-DS	2025-07-28 10:00:00	11.944	116.967	0.008	7.794	10.338	5.857
WLNG-DS	2025-07-28 11:00:00	12.183	131.444	0.023	7.792	10.240	27.541
WLNG-DS	2025-07-28 12:00:00	12.582	134.217	0.034	7.798	10.125	42.809
WLNG-DS	2025-07-28 13:00:00	12.567	135.381	0.013	7.815	10.231	8.018
WLNG-DS	2025-07-28 14:00:00	12.754	133.451	0.018	7.836	10.140	12.506
WLNG-DS	2025-07-28 15:00:00	12.481	132.763	0.020	7.800	10.221	10.382
WLNG-DS	2025-07-28 16:00:00	13.019	159.857	0.017	7.839	9.968	25.065
WLNG-DS	2025-07-28 17:00:00	12.694	147.298	0.017	7.800	10.100	8.531
WLNG-DS	2025-07-28 18:00:00	12.337	140.586	0.006	7.788	10.229	19.959
WLNG-DS	2025-07-28 19:00:00	12.123	147.485	0.028	7.782	10.294	38.196
WLNG-DS	2025-07-28 20:00:00	11.886	142.161	0.030	7.763	10.341	16.384
WLNG-DS	2025-07-28 21:00:00	11.683	135.751	0.031	7.731	10.385	24.135
WLNG-DS	2025-07-28 22:00:00	11.883	136.612	0.033	7.737	10.267	50.076
WLNG-DS	2025-07-28 23:00:00	11.614	137.215	0.022	7.696	10.373	29.531
WLNG-DS	2025-07-29 00:00:00	11.612	146.335	0.022	7.799	10.434	31.040
WLNG-DS	2025-07-29 01:00:00	11.614	143.493	0.018	7.843	10.414	21.299
WLNG-DS	2025-07-29 02:00:00	11.477	167.860	0.031	7.818	10.399	22.542
WLNG-DS	2025-07-29 03:00:00	11.480	347.055	-0.030	9.592	10.381	34.813
WLNG-DS	2025-07-29 04:00:00	11.522	270.482	0.024	8.004	10.410	61.570
WLNG-DS	2025-07-29 05:00:00	11.482	184.540	0.007	7.927	10.295	17.064
WLNG-DS	2025-07-29 06:00:00	11.436	170.976	0.013	7.717	10.347	38.822
WLNG-DS	2025-07-29 07:00:00	11.520	160.800	0.015	7.725	10.434	21.204
WLNG-DS	2025-07-29 08:00:00	11.564	153.119	0.023	7.768	10.409	35.603
WLNG-DS	2025-07-29 09:00:00	11.816	150.611	0.036	7.777	10.296	31.487
WLNG-DS	2025-07-29 10:00:00	11.866	165.697	0.043	7.608	10.465	0.942
WLNG-DS	2025-07-29 11:00:00	12.140	157.876	0.034	7.739	10.397	7.220
WLNG-DS	2025-07-29 12:00:00	12.443	149.503	0.020	7.824	10.309	8.739
WLNG-DS	2025-07-29 13:00:00	12.508	144.687	0.026	7.849	10.329	4.627
WLNG-DS	2025-07-29 14:00:00	12.825	147.316	0.025	7.938	10.231	15.109
WLNG-DS	2025-07-29 15:00:00	13.534	159.047	0.030	7.849	9.933	14.497
WLNG-DS	2025-07-29 16:00:00	13.172	167.789	0.024	7.702	10.114	18.981
WLNG-DS	2025-07-29 17:00:00	12.946	158.622	0.030	7.715	10.192	1.841
WLNG-DS	2025-07-29 18:00:00		159.929				
WLNG-DS	2025-07-29 19:00:00	12.701	151.428	0.007	7.871	10.242	4.404
WLNG-DS	2025-07-29 20:00:00	12.403	147.743	0.006	7.854	10.275	13.125
WLNG-DS	2025-07-29 21:00:00	12.381	151.680	0.004	7.823	10.184	12.651
WLNG-DS	2025-07-29 22:00:00	12.027	146.613	0.007	7.840	10.413	9.184
WLNG-DS	2025-07-29 23:00:00	11.972	150.308	0.004	7.879	10.407	8.675
WLNG-DS	2025-07-30 00:00:00	11.929	147.343	0.008	7.854	10.397	14.125
WLNG-DS	2025-07-30 01:00:00	12.019	150.783	0.007	7.825	10.400	29.560
WLNG-DS	2025-07-30 02:00:00	11.916	149.487	0.004	7.800	10.446	8.275
WLNG-DS	2025-07-30 03:00:00	12.271	155.584	-0.002	7.645	10.252	14.925
WLNG-DS	2025-07-30 04:00:00	12.053	171.354	0.004	7.696	10.396	29.752
WLNG-DS	2025-07-30 05:00:00	12.053	164.141	0.006	7.717	10.252	13.105
WLNG-DS	2025-07-30 06:00:00	12.042	160.290	0.000	7.717	10.380	6.240
WLNG-DS	2025-07-30 07:00:00		158.308				

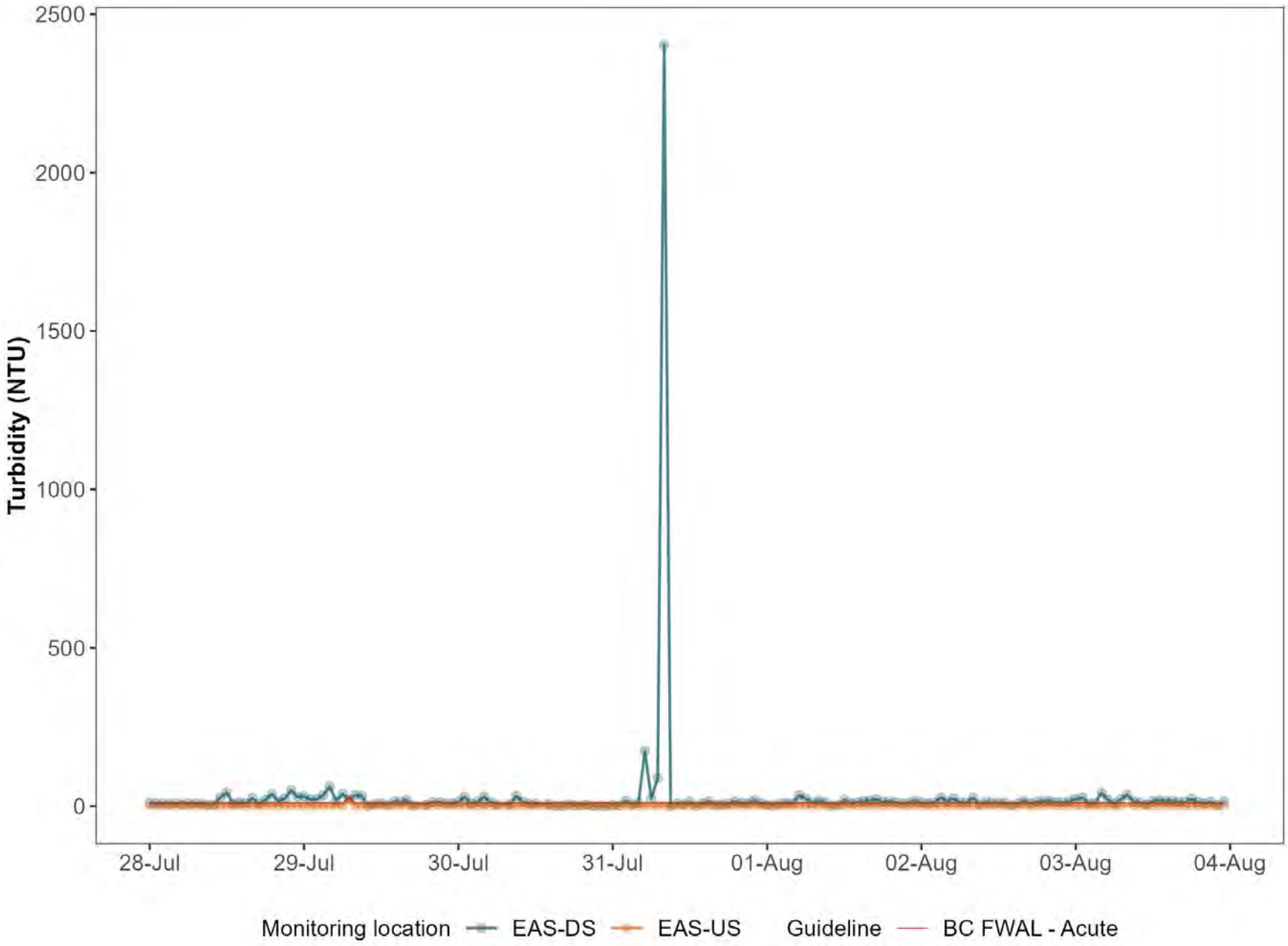
Woodfibre LNG (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-DS	2025-07-30 08:00:00	11.927	152.384	0.026	7.734	10.436	7.086
WLNG-DS	2025-07-30 09:00:00	12.056	151.499	0.029	7.625	10.479	31.764
WLNG-DS	2025-07-30 10:00:00	12.319	157.328	0.024	7.667	10.244	14.422
WLNG-DS	2025-07-30 11:00:00	12.689	165.446	0.016	7.746	10.279	7.945
WLNG-DS	2025-07-30 12:00:00	12.749	157.627	0.010	7.756	10.243	8.076
WLNG-DS	2025-07-30 13:00:00		159.882				
WLNG-DS	2025-07-30 14:00:00	13.383	156.931	-0.001	7.770	10.063	7.087
WLNG-DS	2025-07-30 15:00:00	13.322	155.236	0.002	7.752	10.084	0.881
WLNG-DS	2025-07-30 16:00:00	13.494	154.095	0.002	7.753	9.985	0.653
WLNG-DS	2025-07-30 17:00:00	13.273	141.651	-0.008	7.770	10.068	6.585
WLNG-DS	2025-07-30 18:00:00	13.238	143.582	-0.004	7.772	10.057	2.431
WLNG-DS	2025-07-30 19:00:00	12.997	143.415	-0.007	7.743	10.137	2.658
WLNG-DS	2025-07-30 20:00:00	12.746	144.360	0.016	7.709	10.209	4.755
WLNG-DS	2025-07-30 21:00:00	12.795	141.131	-0.003	7.724	10.121	0.771
WLNG-DS	2025-07-30 22:00:00	12.630	142.598	-0.007	7.734	10.207	1.953
WLNG-DS	2025-07-30 23:00:00	12.615	143.763	-0.003	7.712	10.118	0.000
WLNG-DS	2025-07-31 00:00:00	12.491	143.127	0.002	7.715	10.257	3.172
WLNG-DS	2025-07-31 01:00:00	12.447	144.311	-0.005	7.719	10.272	2.090
WLNG-DS	2025-07-31 02:00:00	12.338	143.622	-0.006	7.709	10.277	17.635
WLNG-DS	2025-07-31 03:00:00	12.323	144.360	0.003	7.700	10.284	6.008
WLNG-DS	2025-07-31 04:00:00	12.228	143.519	-0.002	7.697	10.337	10.037
WLNG-DS	2025-07-31 05:00:00	12.265	143.719	-0.006	7.707	10.328	173.252
WLNG-DS	2025-07-31 06:00:00	12.225	144.734	-0.002	7.658	10.327	24.050
WLNG-DS	2025-07-31 07:00:00	12.163	145.565	0.023	7.683	10.373	89.136
WLNG-DS	2025-07-31 08:00:00	12.100	143.268	-0.015	7.657	10.384	2402.389
WLNG-DS	2025-07-31 09:00:00	12.168	144.753	0.051	7.687	10.303	0.041
WLNG-DS	2025-07-31 10:00:00	12.273	145.709	0.047	7.713	10.356	8.864
WLNG-DS	2025-07-31 11:00:00	12.610	146.600	0.042	7.738	10.210	5.945
WLNG-DS	2025-07-31 12:00:00	12.729	149.190	0.029	7.746	10.235	15.259
WLNG-DS	2025-07-31 13:00:00	12.878	153.113	0.045	7.780	10.143	0.000
WLNG-DS	2025-07-31 14:00:00	13.104	219.998	0.034	7.772	10.092	10.002
WLNG-DS	2025-07-31 15:00:00	13.278	206.908	0.041	7.660	10.049	15.457
WLNG-DS	2025-07-31 16:00:00	12.978	184.431	0.030	7.720	10.147	4.567
WLNG-DS	2025-07-31 17:00:00	13.085	215.785	0.027	7.880	10.117	6.073
WLNG-DS	2025-07-31 18:00:00	12.921	188.446	0.024	7.611	10.159	10.684
WLNG-DS	2025-07-31 19:00:00	12.902	180.752	0.027	7.724	10.175	14.794
WLNG-DS	2025-07-31 20:00:00	12.602	175.454	0.034	7.614	10.241	10.905
WLNG-DS	2025-07-31 21:00:00	12.468	160.114	0.024	7.764	10.286	9.034
WLNG-DS	2025-07-31 22:00:00	12.525	166.540	0.027	7.667	10.266	18.637
WLNG-DS	2025-07-31 23:00:00	12.388	172.200	0.029	7.430	10.298	9.716
WLNG-DS	2025-08-01 00:00:00	12.467	173.712	0.028	7.538	10.270	4.858
WLNG-DS	2025-08-01 01:00:00	12.455	168.535	0.031	7.743	10.235	2.376
WLNG-DS	2025-08-01 02:00:00	12.550	164.062	0.024	7.743	10.288	8.887
WLNG-DS	2025-08-01 03:00:00	12.440	162.600	0.020	7.777	10.329	10.751
WLNG-DS	2025-08-01 04:00:00	12.439	166.118	0.019	7.798	10.300	9.513
WLNG-DS	2025-08-01 05:00:00	12.509	166.565	0.016	7.745	10.171	33.853
WLNG-DS	2025-08-01 06:00:00	12.416	179.948	0.014	7.762	10.346	24.691
WLNG-DS	2025-08-01 07:00:00	12.488	184.866	0.015	7.738	10.332	10.911
WLNG-DS	2025-08-01 08:00:00	12.636	182.117	0.015	7.709	10.279	17.822
WLNG-DS	2025-08-01 09:00:00	13.033	178.534	0.039	7.876	10.208	13.285
WLNG-DS	2025-08-01 10:00:00	12.900	175.099	0.017	7.860	10.161	0.766
WLNG-DS	2025-08-01 11:00:00	12.998	170.619	0.018	7.862	10.199	3.669
WLNG-DS	2025-08-01 12:00:00	13.153	166.825	0.064	7.844	10.201	20.118
WLNG-DS	2025-08-01 13:00:00	13.289	168.656	0.064	7.804	10.152	10.836
WLNG-DS	2025-08-01 14:00:00	13.156	158.936	0.059	7.785	10.180	12.405
WLNG-DS	2025-08-01 15:00:00	13.356	162.698	0.061	7.830	10.123	16.671
WLNG-DS	2025-08-01 16:00:00	13.466	165.901	0.067	7.874	10.089	18.087

Woodfibre LNG (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-DS	2025-08-01 17:00:00	13.245	167.444	0.068	7.870	10.172	21.238
WLNG-DS	2025-08-01 18:00:00	13.142	164.032	0.054	7.838	10.185	14.119
WLNG-DS	2025-08-01 19:00:00	13.151	165.098	0.037	7.821	10.175	16.438
WLNG-DS	2025-08-01 20:00:00	12.890	158.885	0.053	7.793	10.147	12.288
WLNG-DS	2025-08-01 21:00:00	12.685	158.794	0.055	7.775	10.279	9.276
WLNG-DS	2025-08-01 22:00:00	12.609	158.095	0.052	7.783	10.305	11.145
WLNG-DS	2025-08-01 23:00:00	13.646	172.314	0.023	7.852	10.037	17.538
WLNG-DS	2025-08-02 00:00:00	12.713	166.209	0.023	7.834	10.279	11.253
WLNG-DS	2025-08-02 01:00:00	12.499	164.461	0.023	7.791	10.334	9.874
WLNG-DS	2025-08-02 02:00:00	12.224	159.111	0.025	7.746	10.411	11.961
WLNG-DS	2025-08-02 03:00:00	12.449	161.736	0.033	7.762	10.206	27.458
WLNG-DS	2025-08-02 04:00:00	12.269	160.616	0.037	7.761	10.395	15.932
WLNG-DS	2025-08-02 05:00:00	12.360	158.056	0.035	7.707	10.319	24.399
WLNG-DS	2025-08-02 06:00:00	12.509	162.494	0.040	7.742	10.340	12.345
WLNG-DS	2025-08-02 07:00:00	12.531	163.938	0.021	7.751	10.340	11.064
WLNG-DS	2025-08-02 08:00:00	12.395	155.601	0.058	7.724	10.372	27.057
WLNG-DS	2025-08-02 09:00:00	13.366	168.196	0.039	7.805	10.134	6.889
WLNG-DS	2025-08-02 10:00:00	12.760	161.378	0.032	7.781	10.299	13.744
WLNG-DS	2025-08-02 11:00:00	12.990	161.158	0.039	7.784	10.254	11.977
WLNG-DS	2025-08-02 12:00:00	13.314	163.184	0.032	7.804	10.183	11.704
WLNG-DS	2025-08-02 13:00:00	13.379	160.495	0.048	7.801	10.160	11.105
WLNG-DS	2025-08-02 14:00:00	13.719	165.142	0.044	7.798	9.894	1.519
WLNG-DS	2025-08-02 15:00:00	13.660	161.636	0.041	7.807	10.060	10.011
WLNG-DS	2025-08-02 16:00:00	13.736	165.052	0.026	7.784	10.053	18.272
WLNG-DS	2025-08-02 17:00:00	13.583	161.290	0.031	7.790	10.088	8.509
WLNG-DS	2025-08-02 18:00:00	13.172	160.834	0.029	7.761	10.176	14.573
WLNG-DS	2025-08-02 19:00:00	13.214	162.001	0.017	7.771	10.160	16.340
WLNG-DS	2025-08-02 20:00:00	12.641	153.975	0.031	7.724	10.307	17.298
WLNG-DS	2025-08-02 21:00:00	12.408	152.559	0.043	7.733	10.328	12.560
WLNG-DS	2025-08-02 22:00:00	12.434	154.491	0.062	7.735	10.370	11.974
WLNG-DS	2025-08-02 23:00:00	12.406	153.981	0.053	7.716	10.377	15.607
WLNG-DS	2025-08-03 00:00:00	12.282	154.730	0.047	7.714	10.414	22.714
WLNG-DS	2025-08-03 01:00:00	12.308	154.367	0.044	7.689	10.403	27.653
WLNG-DS	2025-08-03 02:00:00	12.380	159.974	0.033	7.736	10.362	9.049
WLNG-DS	2025-08-03 03:00:00	12.219	159.861	0.029	7.714	10.416	10.243
WLNG-DS	2025-08-03 04:00:00	12.256	159.663	0.040	7.703	10.413	41.716
WLNG-DS	2025-08-03 05:00:00	12.298	158.836	0.054	7.698	10.412	20.430
WLNG-DS	2025-08-03 06:00:00	12.170	155.768	0.041	7.691	10.451	8.283
WLNG-DS	2025-08-03 07:00:00	12.184	155.729	0.042	7.700	10.440	21.862
WLNG-DS	2025-08-03 08:00:00	12.081	152.234	0.090	7.672	10.456	35.800
WLNG-DS	2025-08-03 09:00:00	12.094	152.487	0.056	7.717	10.456	15.492
WLNG-DS	2025-08-03 10:00:00	12.375	178.535	0.053	7.758	10.396	12.000
WLNG-DS	2025-08-03 11:00:00	12.490	202.468	0.059	7.790	10.191	5.772
WLNG-DS	2025-08-03 12:00:00	12.391	218.793	0.070	7.830	10.386	16.898
WLNG-DS	2025-08-03 13:00:00	12.403	198.871	0.077	7.661	10.382	18.429
WLNG-DS	2025-08-03 14:00:00	12.908	197.053	0.066	7.693	10.073	17.189
WLNG-DS	2025-08-03 15:00:00	12.999	183.567	0.054	7.786	10.136	17.176
WLNG-DS	2025-08-03 16:00:00	12.799	322.331	0.048	7.768	10.251	13.787
WLNG-DS	2025-08-03 17:00:00	12.717	305.773	0.045	7.786	10.270	13.146
WLNG-DS	2025-08-03 18:00:00	13.457	314.772	0.038	8.058	10.046	23.720
WLNG-DS	2025-08-03 19:00:00	12.534	239.935	0.055	7.672	10.292	13.229
WLNG-DS	2025-08-03 20:00:00	12.194	213.674	0.050	7.654	10.381	9.167
WLNG-DS	2025-08-03 21:00:00	12.196	208.145	0.051	7.636	10.396	14.852
WLNG-DS	2025-08-03 22:00:00	12.321	201.097	0.063	7.687	10.180	3.043
WLNG-DS	2025-08-03 23:00:00	12.069	177.768	0.041	7.738	10.430	14.878
WLNG-US	2025-07-28 00:00:00	15.946	24.234	0.312	7.260	8.448	2.061
WLNG-US	2025-07-28 01:00:00	15.837	24.323	0.311	7.261	8.481	1.785

Woodfibre LNG (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-US	2025-07-28 02:00:00	15.705	24.233	0.311	7.219	8.521	1.805
WLNG-US	2025-07-28 03:00:00	15.568	24.024	0.312	7.252	8.560	1.829
WLNG-US	2025-07-28 04:00:00	15.429	24.334	0.309	7.279	8.603	1.747
WLNG-US	2025-07-28 05:00:00	15.298	24.191	0.311	7.208	8.627	1.750
WLNG-US	2025-07-28 06:00:00	15.146	24.383	0.310	7.221	8.657	1.735
WLNG-US	2025-07-28 07:00:00	15.035	24.195	0.305	7.306	8.706	1.640
WLNG-US	2025-07-28 08:00:00	15.001	23.839	0.311	7.265	8.777	1.700
WLNG-US	2025-07-28 09:00:00	15.076	24.139	0.307	7.295	8.840	1.629
WLNG-US	2025-07-28 10:00:00	15.243	23.875	0.305	7.334	8.847	1.671
WLNG-US	2025-07-28 11:00:00	15.947	23.438	0.302	7.423	8.951	1.729
WLNG-US	2025-07-28 12:00:00	16.633	23.781	0.301	7.436	8.953	1.872
WLNG-US	2025-07-28 13:00:00	16.380	23.635	0.313	7.409	8.780	1.823
WLNG-US	2025-07-28 14:00:00		23.824				1.826
WLNG-US	2025-07-28 15:00:00	16.638	23.859	0.315	7.220	8.607	1.853
WLNG-US	2025-07-28 16:00:00	16.730	23.943	0.316	7.217	8.570	1.858
WLNG-US	2025-07-28 17:00:00	16.708	23.714	0.328	7.037	8.464	1.846
WLNG-US	2025-07-28 18:00:00	16.723	23.832	0.321	7.291	8.416	1.863
WLNG-US	2025-07-28 19:00:00	16.660	24.167	0.327	7.203	8.359	1.863
WLNG-US	2025-07-28 20:00:00	16.579	24.567	0.316	7.293	8.348	1.824
WLNG-US	2025-07-28 21:00:00	16.495	24.648	0.323	7.212	8.323	1.826
WLNG-US	2025-07-28 22:00:00	16.388	24.699	0.333	6.954	8.349	1.875
WLNG-US	2025-07-28 23:00:00	16.270	24.243	0.322	7.205	8.378	1.818
WLNG-US	2025-07-29 00:00:00	16.147	24.651	0.320	7.160	8.427	1.780
WLNG-US	2025-07-29 01:00:00	16.017	24.417	0.319	7.181	8.441	1.810
WLNG-US	2025-07-29 02:00:00	15.881	24.215	0.329	6.953	8.494	1.825
WLNG-US	2025-07-29 03:00:00	15.740	24.281	0.316	7.239	8.525	1.798
WLNG-US	2025-07-29 04:00:00	15.618	24.217	0.318	7.264	8.568	1.748
WLNG-US	2025-07-29 05:00:00	15.492	23.930	0.318	7.144	8.597	1.740
WLNG-US	2025-07-29 06:00:00	15.347	23.857	0.317	7.285	8.652	1.684
WLNG-US	2025-07-29 07:00:00	15.235	23.826	0.318	7.281	8.692	21.079
WLNG-US	2025-07-29 08:00:00	15.199	23.832	0.325	7.045	8.751	1.696
WLNG-US	2025-07-29 09:00:00	15.295	23.732	0.316	7.279	8.794	1.715
WLNG-US	2025-07-29 10:00:00	15.452	23.845	0.323	7.016	8.796	1.892
WLNG-US	2025-07-29 11:00:00	16.148	23.465	0.298	7.373	8.962	1.839
WLNG-US	2025-07-29 12:00:00	16.843	23.743	0.296	7.412	8.902	2.002
WLNG-US	2025-07-29 13:00:00	16.601	23.637	0.298	7.396	8.736	1.830
WLNG-US	2025-07-29 14:00:00	16.757	23.687	0.319	7.080	8.648	1.888
WLNG-US	2025-07-29 15:00:00	16.944	23.805	0.305	7.334	8.535	1.913
WLNG-US	2025-07-29 16:00:00	17.063	23.859	0.325	7.029	8.486	1.925
WLNG-US	2025-07-29 17:00:00	17.072	24.001	0.308	7.292	8.385	1.902
WLNG-US	2025-07-29 18:00:00	17.057	24.248	0.311	7.255	8.313	1.887
WLNG-US	2025-07-29 19:00:00	16.981	24.407	0.313	7.196	8.273	1.925
WLNG-US	2025-07-29 20:00:00	16.897	24.517	0.309	7.240	8.256	1.860
WLNG-US	2025-07-29 21:00:00	16.809	24.570	0.309	7.218	8.247	4.384
WLNG-US	2025-07-29 22:00:00	16.715	24.728	0.309	7.205	8.257	1.851
WLNG-US	2025-07-29 23:00:00	16.600	24.766	0.323	6.972	8.290	1.861
WLNG-US	2025-07-30 00:00:00	16.488	24.483	0.310	7.165	8.342	3.444
WLNG-US	2025-07-30 01:00:00		24.465				1.815
WLNG-US	2025-07-30 02:00:00	16.248	24.495	0.307	7.239	8.392	1.820
WLNG-US	2025-07-30 03:00:00	16.126	24.533	0.304	7.231	8.417	1.832
WLNG-US	2025-07-30 04:00:00	15.999	25.000	0.302	7.237	8.447	1.898
WLNG-US	2025-07-30 05:00:00	15.854	24.419	0.302	7.288	8.491	1.786
WLNG-US	2025-07-30 06:00:00	15.737	24.605	0.299	7.290	8.517	1.771
WLNG-US	2025-07-30 07:00:00	15.621	24.216	0.302	7.279	8.582	1.745
WLNG-US	2025-07-30 08:00:00	15.598	24.306	0.303	7.265	8.662	1.716
WLNG-US	2025-07-30 09:00:00	15.691	23.976	0.301	7.260	8.741	1.801
WLNG-US	2025-07-30 10:00:00	15.866	24.373	0.298	7.329	8.783	1.792

Woodfibre LNG (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-US	2025-07-30 11:00:00	16.530	23.953	0.298	7.403	8.869	2.058
WLNG-US	2025-07-30 12:00:00	17.244	24.284	0.296	7.454	8.795	1.932
WLNG-US	2025-07-30 13:00:00	17.001	24.422	0.299	7.390	8.646	1.949
WLNG-US	2025-07-30 14:00:00	17.166	24.460	0.296	7.414	8.537	1.906
WLNG-US	2025-07-30 15:00:00	17.311	24.370	0.300	7.364	8.465	1.923
WLNG-US	2025-07-30 16:00:00	17.432	24.389	0.300	7.364	8.396	1.950
WLNG-US	2025-07-30 17:00:00	17.392	24.499	0.307	7.288	8.284	1.977
WLNG-US	2025-07-30 18:00:00	17.375	24.563	0.305	7.303	8.208	1.884
WLNG-US	2025-07-30 19:00:00	17.293	24.758	0.305	7.283	8.179	1.945
WLNG-US	2025-07-30 20:00:00	17.196	25.123	0.305	7.264	8.172	1.899
WLNG-US	2025-07-30 21:00:00	17.116	25.253	0.302	7.239	8.152	1.960
WLNG-US	2025-07-30 22:00:00	17.017	25.029	0.304	7.234	8.164	1.932
WLNG-US	2025-07-30 23:00:00	16.919	25.148	0.304	7.228	8.188	1.877
WLNG-US	2025-07-31 00:00:00	16.811	25.036	0.301	7.239	8.217	1.884
WLNG-US	2025-07-31 01:00:00	16.704	24.991	0.299	7.261	8.267	1.864
WLNG-US	2025-07-31 02:00:00		24.678				1.867
WLNG-US	2025-07-31 03:00:00	16.514	24.714	0.318	6.975	8.300	1.838
WLNG-US	2025-07-31 04:00:00	16.438	24.502	0.319	6.957	8.322	1.857
WLNG-US	2025-07-31 05:00:00	16.371	24.497	0.304	7.208	8.355	1.832
WLNG-US	2025-07-31 06:00:00	16.293	24.552	0.301	7.254	8.358	1.837
WLNG-US	2025-07-31 07:00:00	16.223	24.358	0.301	7.252	8.438	1.804
WLNG-US	2025-07-31 08:00:00	16.208	24.288	0.300	7.272	8.531	1.822
WLNG-US	2025-07-31 09:00:00	16.302	24.062	0.303	7.254	8.636	1.842
WLNG-US	2025-07-31 10:00:00	16.445	26.473	0.305	7.228	8.717	1.919
WLNG-US	2025-07-31 11:00:00	16.716	26.430	0.304	7.300	8.704	1.938
WLNG-US	2025-07-31 12:00:00	17.482	23.822	0.295	7.461	8.755	1.971
WLNG-US	2025-07-31 13:00:00	17.316	26.424	0.313	7.163	8.644	1.971
WLNG-US	2025-07-31 14:00:00	17.493	26.541	0.305	7.288	8.495	1.925
WLNG-US	2025-07-31 15:00:00	17.665	24.147	0.302	7.370	8.383	1.982
WLNG-US	2025-07-31 16:00:00	17.711	24.054	0.305	7.346	8.386	2.001
WLNG-US	2025-07-31 17:00:00	17.683	24.231	0.304	7.345	8.239	1.974
WLNG-US	2025-07-31 18:00:00	17.660	24.406	0.310	7.235	8.207	2.005
WLNG-US	2025-07-31 19:00:00	17.610	24.471	0.305	7.323	8.169	2.007
WLNG-US	2025-07-31 20:00:00	17.532	24.555	0.309	7.264	8.160	2.002
WLNG-US	2025-07-31 21:00:00	17.462	24.975	0.309	7.241	8.083	2.001
WLNG-US	2025-07-31 22:00:00	17.371	24.839	0.324	6.988	8.075	1.971
WLNG-US	2025-07-31 23:00:00	17.280	24.862	0.309	7.241	8.125	1.948
WLNG-US	2025-08-01 00:00:00	17.187	24.691	0.308	7.257	8.150	1.944
WLNG-US	2025-08-01 01:00:00	17.087	24.852	0.304	7.281	8.185	1.932
WLNG-US	2025-08-01 02:00:00	16.994	24.797	0.306	7.236	8.202	1.928
WLNG-US	2025-08-01 03:00:00	16.889	24.654	0.320	7.003	8.236	1.919
WLNG-US	2025-08-01 04:00:00	16.789	24.484	0.322	6.992	8.270	1.907
WLNG-US	2025-08-01 05:00:00	16.694	24.493	0.307	7.232	8.291	1.900
WLNG-US	2025-08-01 06:00:00	16.584	24.496	0.306	7.252	8.326	2.161
WLNG-US	2025-08-01 07:00:00	16.504	24.228	0.304	7.279	8.385	1.882
WLNG-US	2025-08-01 08:00:00	16.487	24.125	0.304	7.263	8.471	1.847
WLNG-US	2025-08-01 09:00:00	16.621	23.914	0.304	7.310	8.574	1.888
WLNG-US	2025-08-01 10:00:00	16.747	24.354	0.303	7.338	8.599	1.884
WLNG-US	2025-08-01 11:00:00	17.324	23.748	0.299	7.413	8.721	2.142
WLNG-US	2025-08-01 12:00:00	17.960	23.753	0.297	7.474	8.701	2.062
WLNG-US	2025-08-01 13:00:00	17.635	24.003	0.302	7.430	8.589	2.023
WLNG-US	2025-08-01 14:00:00	17.695	23.806	0.306	7.396	8.496	2.050
WLNG-US	2025-08-01 15:00:00	17.832	23.964	0.308	7.342	8.373	2.057
WLNG-US	2025-08-01 16:00:00	17.942	24.013	0.307	7.370	8.386	2.056
WLNG-US	2025-08-01 17:00:00	17.879	24.285	0.309	7.338	8.251	2.067
WLNG-US	2025-08-01 18:00:00	17.828	26.849	0.315	7.259	8.200	2.022

Woodfibre LNG (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-US	2025-08-01 19:00:00	17.717	24.519	0.315	7.243	8.129	2.085
WLNG-US	2025-08-01 20:00:00	17.587	24.759	0.311	7.253	8.100	2.042
WLNG-US	2025-08-01 21:00:00	17.488	24.823	0.310	7.231	8.093	2.027
WLNG-US	2025-08-01 22:00:00	17.383	24.778	0.310	7.202	8.114	2.007
WLNG-US	2025-08-01 23:00:00	17.268	24.815	0.305	7.259	8.143	1.992
WLNG-US	2025-08-02 00:00:00	17.158	24.668	0.307	7.240	8.176	1.986
WLNG-US	2025-08-02 01:00:00	17.035	24.587	0.305	7.235	8.184	1.897
WLNG-US	2025-08-02 02:00:00	16.906	24.543	0.303	7.265	8.253	1.944
WLNG-US	2025-08-02 03:00:00		24.438				1.935
WLNG-US	2025-08-02 04:00:00	16.654	25.036	0.300	7.257	8.298	1.986
WLNG-US	2025-08-02 05:00:00	16.530	24.691	0.297	7.281	8.355	1.912
WLNG-US	2025-08-02 06:00:00	16.425	24.572	0.299	7.246	8.381	1.908
WLNG-US	2025-08-02 07:00:00	16.342	24.456	0.316	7.002	8.446	1.896
WLNG-US	2025-08-02 08:00:00	16.312	24.205	0.302	7.332	8.515	1.916
WLNG-US	2025-08-02 09:00:00	16.393	24.392	0.300	7.320	8.636	1.932
WLNG-US	2025-08-02 10:00:00	16.534	23.977	0.299	7.385	8.706	1.952
WLNG-US	2025-08-02 11:00:00	17.274	24.025	0.292	7.477	8.829	2.017
WLNG-US	2025-08-02 12:00:00	17.842	23.949	0.297	7.485	8.734	2.071
WLNG-US	2025-08-02 13:00:00	17.614	24.090	0.299	7.394	8.571	2.020
WLNG-US	2025-08-02 14:00:00	17.702	24.187	0.300	7.417	8.499	2.056
WLNG-US	2025-08-02 15:00:00	17.846	24.479	0.306	7.371	8.369	2.050
WLNG-US	2025-08-02 16:00:00	17.891	24.674	0.307	7.339	8.308	2.060
WLNG-US	2025-08-02 17:00:00		24.369				2.052
WLNG-US	2025-08-02 18:00:00	17.786	26.813	0.311	7.260	8.151	2.035
WLNG-US	2025-08-02 19:00:00	17.667	27.100	0.315	7.168	8.139	2.104
WLNG-US	2025-08-02 20:00:00	17.530	27.210	0.314	7.129	8.113	2.056
WLNG-US	2025-08-02 21:00:00	17.411	24.790	0.306	7.216	8.120	1.982
WLNG-US	2025-08-02 22:00:00	17.288	24.556	0.323	6.968	8.116	2.454
WLNG-US	2025-08-02 23:00:00	17.164	24.486	0.311	7.216	8.178	1.940
WLNG-US	2025-08-03 00:00:00	17.023	24.533	0.309	7.245	8.212	1.971
WLNG-US	2025-08-03 01:00:00	16.883	24.566	0.307	7.255	8.242	1.954
WLNG-US	2025-08-03 02:00:00	16.750	24.356	0.308	7.235	8.267	1.968
WLNG-US	2025-08-03 03:00:00	16.616	24.339	0.305	7.245	8.311	1.898
WLNG-US	2025-08-03 04:00:00	16.494	24.250	0.304	7.260	8.334	1.920
WLNG-US	2025-08-03 05:00:00	16.366	23.990	0.302	7.272	8.376	1.869
WLNG-US	2025-08-03 06:00:00	16.256	24.232	0.301	7.268	8.397	1.887
WLNG-US	2025-08-03 07:00:00	16.213	24.059	0.304	7.276	8.448	1.911
WLNG-US	2025-08-03 08:00:00		26.510				
WLNG-US	2025-08-03 09:00:00	16.277	24.110	0.295	7.347	8.606	1.976
WLNG-US	2025-08-03 10:00:00	16.372	23.564	0.295	7.377	8.715	1.922
WLNG-US	2025-08-03 11:00:00	16.535	23.633	0.291	7.436	8.731	1.910
WLNG-US	2025-08-03 12:00:00	16.611	23.643	0.295	7.414	8.685	1.988
WLNG-US	2025-08-03 13:00:00	16.769	23.427	0.295	7.457	8.767	1.911
WLNG-US	2025-08-03 14:00:00	17.098	23.540	0.297	7.460	8.675	1.973
WLNG-US	2025-08-03 15:00:00	17.252	24.178	0.301	7.422	8.553	1.981
WLNG-US	2025-08-03 16:00:00	17.306	24.312	0.300	7.378	8.456	2.383
WLNG-US	2025-08-03 17:00:00	17.255	24.172	0.303	7.374	8.352	1.973
WLNG-US	2025-08-03 18:00:00	17.239	24.292	0.307	7.340	8.278	1.974
WLNG-US	2025-08-03 19:00:00	17.148	24.327	0.307	7.286	8.212	2.012
WLNG-US	2025-08-03 20:00:00	17.056	24.670	0.304	7.270	8.184	1.980
WLNG-US	2025-08-03 21:00:00	16.967	24.770	0.304	7.267	8.167	1.926
WLNG-US	2025-08-03 22:00:00	16.894	24.929	0.300	7.260	8.183	1.956
WLNG-US	2025-08-03 23:00:00	16.849	24.651	0.300	7.224	8.180	1.969


2500
2000
1500
1000
500
0
Turbidity (NTU)
28-Jul
29-Jul
30-Jul
31-Jul
01-Aug
02-Aug
03-Aug
04-Aug
Monitoring location
EAS-DS
EAS-US
Guideline
BC FWAL - Acute

Appendix E: Lab Documentation

Your P.O. #: 4800010213
Your Project #: Fortis11234/PE-110163
Site Location: Woodfibre Pipeline Project
Your C.O.C. #: 110087

Attention: Brett Lucas

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

Report Date: 2025/08/07
Report #: R3696447
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C566386
Received: 2025/07/29, 16:02

Sample Matrix: Water
Samples Received: 8

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity @25C (pp, total), CO3,HCO3,OH	5	N/A	2025/08/01	BBY6SOP-00026	SM 24 2320 B m
Alkalinity @25C (pp, total), CO3,HCO3,OH	3	N/A	2025/08/02	BBY6SOP-00026	SM 24 2320 B m
Chloride/Sulphate by Auto Colourimetry	5	N/A	2025/08/01	BBY6SOP-00011 / BBY6SOP-00017	SM24-4500-Cl/SO4-E m
Chloride/Sulphate by Auto Colourimetry	3	N/A	2025/08/05	BBY6SOP-00011 / BBY6SOP-00017	SM24-4500-Cl/SO4-E m
Chromium III (Calc'd)	6	N/A	2025/08/05		
Chromium III (Calc'd)	2	N/A	2025/08/06		
Total Hexavalent Chromium	8	N/A	2025/07/31	BBY6SOP-00054	SM 24 3500-Cr B m
Carbon (DOC) -Lab Filtered (2)	8	N/A	2025/08/01	BBY6SOP-00053	SM 24 5310 B m
Fluoride	3	N/A	2025/08/01	BBY6SOP-00037	SM 24 4500-F C m
Fluoride	5	N/A	2025/08/02	BBY6SOP-00037	SM 24 4500-F C m
Glycols in Water by GC/FID (1)	2	N/A	2025/08/01	CAL SOP-00093	BCMOE Glycols 09/17
Sulphide (as H2S) (1)	1	N/A	2025/07/31		Auto Calc
Sulphide (as H2S) (1)	7	N/A	2025/08/06		Auto Calc
Un-ionized Hydrogen Sulphide as S Calc	6	N/A	2025/08/06	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (3)	6	N/A	2025/08/05	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (3)	2	N/A	2025/08/06	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3)	8	N/A	2025/08/01	BBY WI-00033	Auto Calc
Mercury (Dissolved) by CV-Lab Filtered	8	2025/07/31	2025/07/31	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Total) by CV	8	2025/07/31	2025/07/31	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Bromide as Bromine (Br) by ICPMS	8	N/A	2025/08/05	BBY7SOP-00002	EPA 6020B R2 m
EPH in Water when PAH required	2	2025/08/05	2025/08/05	BBY8SOP-00029	BCMOE BCLM Sep2017 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	8	N/A	2025/08/01	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (lab filter) (4)	8	N/A	2025/08/01	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Digested LL (total)	2	2025/08/01	2025/08/05	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total)	6	N/A	2025/08/05	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (total)	2	N/A	2025/08/06	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total)	6	N/A	2025/08/02	BBY7SOP-00002	EPA 6020b R2 m
Nitrogen (Total)	8	N/A	2025/08/06	BBY6SOP-00016	SM 24 4500-N C m

Your P.O. #: 4800010213
Your Project #: Fortis11234/PE-110163
Site Location: Woodfibre Pipeline Project
Your C.O.C. #: 110087

Attention: Brett Lucas

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

Report Date: 2025/08/07
Report #: R3696447
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C566386
Received: 2025/07/29, 16:02

Sample Matrix: Water
Samples Received: 8

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Ammonia-N (Total)	8	N/A	2025/07/31	AB SOP-00007	SM 24 4500 NH3 A G m
Nitrate + Nitrite (N)	8	N/A	2025/07/31	BBY6SOP-00010	SM 24 4500-NO3- H m
Nitrite (N) Regular Level Water	8	N/A	2025/07/31	BBY6SOP-00010	SM 24 4500-NO2- m
Nitrogen - Nitrate (as N)	8	N/A	2025/08/01	BBY WI-00033	Auto Calc
PAH in Water by GC/MS (SIM)	2	2025/08/05	2025/08/05	BBY8SOP-00021	BCMOE BCLM Jul2017m
Total LMW, HMW, Total PAH Calc (5)	2	N/A	2025/08/07	BBY WI-00033	Auto Calc
pH @25°C (6)	5	N/A	2025/08/01	BBY6SOP-00026	SM 24 4500-H+ B m
pH @25°C (6)	3	N/A	2025/08/02	BBY6SOP-00026	SM 24 4500-H+ B m
Phenols (4-AAP) (1)	2	N/A	2025/08/01	AB SOP-00088	EPA 9066 R0 m
Total Sulphide (1)	8	2025/08/05	2025/08/06	AB SOP-00080	SM 24 4500 S2-A D Fm
Total Dissolved Solids (Filt. Residue)	8	2025/08/05	2025/08/06	BBY6SOP-00033	SM 24 2540 C m
EPH less PAH in Water by GC/FID (7)	2	N/A	2025/08/07	BBY WI-00033	Auto Calc
Carbon (Total Organic) (8)	8	N/A	2025/08/01	BBY6SOP-00053	SM 24 5310 B m
Total Phosphorus Low Level Total	8	2025/08/01	2025/08/05	BBY6SOP-00013	SM 24 4500-P E m
Total Suspended Solids (NFR)	8	2025/08/05	2025/08/06	BBY6SOP-00034	SM 24 2540 D m
Field pH	6	N/A	2025/08/01	Field Test	Field Test
Field Temperature	6	N/A	2025/08/01	Field Test	Field Test
Field Dissolved Oxygen	3	N/A	2025/08/01	Field Test	Field Test
VOCs, VH, F1, LH in Water by HS GC/MS	2	N/A	2025/08/01	BBY8SOP-00009 / BBY8SOP-00011 / BBY8SOP-00012	BCMOE BCLM Jul2017 m
Volatile HC-BTEX (9)	2	N/A	2025/08/05	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. #: 110087

Attention: Brett Lucas

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

Report Date: 2025/08/07
Report #: R3696447
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C566386
Received: 2025/07/29, 16:02

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.
Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

Reference Method suffix “m” indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.
(1) This test was performed by Bureau Veritas Calgary, 4000 - 19 St. , Calgary, AB, T2E 6P8
(2) DOC present in the sample should be considered as non-purgeable DOC. Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.
(3) "Total Hardness" was calculated from Total Ca and Mg concentrations and may be biased high (Hardness, or Dissolved Hardness, calculated from Dissolved Ca and Mg, should be used for compliance if available).
(4) Samples were filtered and preserved at the lab. Values may not reflect concentrations at the time of sampling.
For Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.
(5) Total PAHs in Water include: Quinoline, Naphthalene, 1-Methylnaphthalene, 2-Methylnaphthalene, Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Acridine, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b&j)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, and Benzo(g,h,i)perylene.
(6) The CCME method requires pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the CCME holding time. Bureau Veritas endeavours to analyze samples as soon as possible after receipt.
(7) LEPH = EPH (C10 to C19) - (Acenaphthene + Acridine + Anthracene + Fluorene + Naphthalene + Phenanthrene)
HEPH = EPH (C19 to C32) - (Benzo(a)anthracene + Benzo(a)pyrene + Fluoranthene + Pyrene)
(8) TOC present in the sample should be considered as non-purgeable TOC.
(9) VPH = VH - (Benzene + Toluene + Ethylbenzene + m & p-Xylene + o-Xylene + Styrene)

Your P.O. #: 4800010213
Your Project #: Fortis11234/PE-110163
Site Location: Woodfibre Pipeline Project
Your C.O.C. #: 110087

Attention: Brett Lucas

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

Report Date: 2025/08/07
Report #: R3696447
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C566386
Received: 2025/07/29, 16:02

Encryption Key

Please direct all questions regarding this Certificate of Analysis to:
Levi Manchak, Project Manager SR
Email: Levi.MANCHAK@bureauveritas.com
Phone# (780)862-5634

==========

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

Bureau Veritas Job #: C566386
Report Date: 2025/08/07

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		DPY895			DPY895			DPY896		
Sampling Date		2025/07/29			2025/07/29			2025/07/29		
COC Number		110087			110087			110087		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	<0.0050	0.0050	C036463	<0.0050	0.0050	C036463	<0.0050	0.0050	C036431
Calculated Parameters										
Total Chromium III	mg/L	<0.00099	0.00099	C035073				<0.00099	0.00099	C035073
Dissolved Hardness (CaCO3)	mg/L	68.4	0.50	C034305				66.9	0.50	C034305
Total Hardness (CaCO3)	mg/L	73.8	0.50	C034304				69.8	0.50	C034304
Nitrate (N)	mg/L	<0.020	0.020	C034338				<0.020	0.020	C034338
Sulphide (as H2S)	mg/L			C035178				<0.0020	0.0020	C035178
Field Parameters										
Field Dissolved Oxygen	mg/L	4.41	N/A	ONSITE				3.58	N/A	ONSITE
Field pH	pH	6.76	N/A	ONSITE				6.32	N/A	ONSITE
Field Temperature	°C	11.8	N/A	ONSITE				12.2	N/A	ONSITE
Misc. Inorganics										
pH	pH	8.07	N/A	C037987				7.98	N/A	C037987
Total Organic Carbon (C)	mg/L	1.9	0.50	C037159				2.0	0.50	C037159
Total Dissolved Solids	mg/L	76	10	C039438				76	10	C039438
Total Suspended Solids	mg/L	2.4	1.0	C038884	2.4	1.0	C038884	<1.0	1.0	C038884
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	1.3	0.50	C035955				1.5	0.50	C035955
Anions										
Alkalinity (PP as CaCO3)	mg/L	<1.0	1.0	C037988				<1.0	1.0	C037988
Alkalinity (Total as CaCO3)	mg/L	65	1.0	C037988				62	1.0	C037988
Bicarbonate (HCO3)	mg/L	79	1.0	C037988				75	1.0	C037988
Carbonate (CO3)	mg/L	<1.0	1.0	C037988				<1.0	1.0	C037988
Dissolved Fluoride (F)	mg/L	0.19	0.050	C037558				0.19	0.050	C037558
Hydroxide (OH)	mg/L	<1.0	1.0	C037988				<1.0	1.0	C037988
Total Sulphide	mg/L	<0.0018	0.0018	C039125				<0.0018	0.0018	C039125
Chloride (Cl)	mg/L	7.9	1.0	C036702				7.8	1.0	C036702
Sulphate (SO4)	mg/L	8.4	1.0	C036702				8.2	1.0	C036702
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	<0.00099	0.00099	C035617	<0.00099	0.00099	C035617	<0.00099	0.00099	C035617

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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

Bureau Veritas Job #: C566386
Report Date: 2025/08/07

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		DPY895			DPY895			DPY896		
Sampling Date		2025/07/29			2025/07/29			2025/07/29		
COC Number		110087			110087			110087		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	RDL	QC Batch
Nutrients										
Total Ammonia (N)	mg/L	0.016	0.015	C035242				0.020	0.015	C035242
Total Phosphorus (P)	mg/L	0.0055	0.0010	C037400				0.0055	0.0010	C037400
Nitrate plus Nitrite (N)	mg/L	<0.020 (1)	0.020	C036455	<0.020	0.020	C036455	<0.020	0.020	C036429
Total Nitrogen (N)	mg/L	0.229	0.020	C039192				0.258	0.020	C039192
Misc. Organics										
Phenols	mg/L							<0.0015	0.0015	C037209

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
(1) Matrix spike exceeds acceptance limits due to matrix interference.

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

Bureau Veritas Job #: C566386
Report Date: 2025/08/07

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		DPY897			DPY897			DPY898		
Sampling Date		2025/07/29			2025/07/29			2025/07/29		
COC Number		110087			110087			110087		
	UNITS	WLNG-US	RDL	QC Batch	WLNG-US Lab-Dup	RDL	QC Batch	SQRI-US	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	<0.0050	0.0050	C036431				<0.0050	0.0050	C036431
Calculated Parameters										
Total Chromium III	mg/L	<0.00099	0.00099	C035073				<0.00099	0.00099	C035073
Dissolved Hardness (CaCO3)	mg/L	8.33	0.50	C034305				10.0	0.50	C034305
Total Hardness (CaCO3)	mg/L	9.09	0.50	C034304				16.0	0.50	C034304
Nitrate (N)	mg/L	0.024	0.020	C034338				<0.020	0.020	C034338
Sulphide (as H2S)	mg/L	<0.0020	0.0020	C035178				0.0073	0.0020	C035178
Field Parameters										
Field Dissolved Oxygen	mg/L	2.34	N/A	ONSITE						
Field pH	pH	6.39	N/A	ONSITE				6.69	N/A	ONSITE
Field Temperature	°C	15	N/A	ONSITE				15	N/A	ONSITE
Misc. Inorganics										
pH	pH	6.84	N/A	C037519				6.86	N/A	C037987
Total Organic Carbon (C)	mg/L	2.0	0.50	C037159				0.63	0.50	C037159
Total Dissolved Solids	mg/L	<10	10	C039438				<10	10	C039438
Total Suspended Solids	mg/L	6.8	1.0	C038884				130	1.0	C038884
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	2.0	0.50	C035955				0.50	0.50	C035955
Anions										
Alkalinity (PP as CaCO3)	mg/L	<1.0	1.0	C037402				<1.0	1.0	C037988
Alkalinity (Total as CaCO3)	mg/L	8.0	1.0	C037402				9.5	1.0	C037988
Bicarbonate (HCO3)	mg/L	9.8	1.0	C037402				12	1.0	C037988
Carbonate (CO3)	mg/L	<1.0	1.0	C037402				<1.0	1.0	C037988
Dissolved Fluoride (F)	mg/L	<0.050	0.050	C037790				<0.050	0.050	C037558
Hydroxide (OH)	mg/L	<1.0	1.0	C037402				<1.0	1.0	C037988
Total Sulphide	mg/L	<0.0018	0.0018	C039125	<0.0018	0.0018	C039125	0.0069	0.0018	C039125
Chloride (Cl)	mg/L	<1.0	1.0	C039379				1.1	1.0	C036702
Sulphate (SO4)	mg/L	2.3	1.0	C039379				2.6	1.0	C036702
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	<0.00099	0.00099	C035617				<0.00099	0.00099	C035617

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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

Bureau Veritas Job #: C566386
Report Date: 2025/08/07

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		DPY897			DPY897			DPY898		
Sampling Date		2025/07/29			2025/07/29			2025/07/29		
COC Number		110087			110087			110087		
	UNITS	WLNG-US	RDL	QC Batch	WLNG-US Lab-Dup	RDL	QC Batch	SQRI-US	RDL	QC Batch
Nutrients										
Total Ammonia (N)	mg/L	<0.015	0.015	C035242				0.029	0.015	C035242
Total Phosphorus (P)	mg/L	0.010	0.0010	C037400				0.16	0.0010	C037400
Nitrate plus Nitrite (N)	mg/L	0.024	0.020	C036429				<0.020	0.020	C036429
Total Nitrogen (N)	mg/L	0.101	0.020	C039192				0.099	0.020	C039192

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

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

Bureau Veritas Job #: C566386
Report Date: 2025/08/07

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		DPY899			DPY900			DPY900		
Sampling Date		2025/07/29			2025/07/29			2025/07/29		
COC Number		110087			110087			110087		
	UNITS	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	<0.0050	0.0050	C036431	<0.0050	0.0050	C036431			
Calculated Parameters										
Total Chromium III	mg/L	<0.00099	0.00099	C035073	<0.00099	0.00099	C035073			
Dissolved Hardness (CaCO3)	mg/L	9.16	0.50	C034305	<0.50	0.50	C034305			
Total Hardness (CaCO3)	mg/L	14.7	0.50	C034304	<0.50	0.50	C034304			
Nitrate (N)	mg/L	<0.020	0.020	C034338	<0.020	0.020	C034338			
Sulphide (as H2S)	mg/L	0.0078	0.0020	C035178	<0.0020	0.0020	C034631			
Field Parameters										
Field pH	pH	6.62	N/A	ONSITE						
Field Temperature	°C	15.3	N/A	ONSITE						
Misc. Inorganics										
pH	pH	6.78	N/A	C037519	5.98	N/A	C037519			
Total Organic Carbon (C)	mg/L	0.69	0.50	C037159	0.59	0.50	C037159	0.60	0.50	C037159
Total Dissolved Solids	mg/L	<10	10	C039438	<10	10	C039438			
Total Suspended Solids	mg/L	150	1.0	C038884	<1.0	1.0	C038884			
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	0.53	0.50	C035955	<0.50	0.50	C035955	<0.50	0.50	C035955
Anions										
Alkalinity (PP as CaCO3)	mg/L	<1.0	1.0	C037402	<1.0	1.0	C037402			
Alkalinity (Total as CaCO3)	mg/L	8.2	1.0	C037402	<1.0	1.0	C037402			
Bicarbonate (HCO3)	mg/L	10	1.0	C037402	<1.0	1.0	C037402			
Carbonate (CO3)	mg/L	<1.0	1.0	C037402	<1.0	1.0	C037402			
Dissolved Fluoride (F)	mg/L	<0.050	0.050	C037790	<0.050	0.050	C037790			
Hydroxide (OH)	mg/L	<1.0	1.0	C037402	<1.0	1.0	C037402			
Total Sulphide	mg/L	0.0073	0.0018	C039125	<0.0018	0.0018	C039125			
Chloride (Cl)	mg/L	1.0	1.0	C036702	<1.0	1.0	C036702	<1.0	1.0	C036702
Sulphate (SO4)	mg/L	2.5	1.0	C036702	<1.0	1.0	C036702	<1.0	1.0	C036702
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	<0.00099	0.00099	C035617	<0.00099	0.00099	C035617			

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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

Bureau Veritas Job #: C566386
Report Date: 2025/08/07

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		DPY899			DPY900			DPY900		
Sampling Date		2025/07/29			2025/07/29			2025/07/29		
COC Number		110087			110087			110087		
	UNITS	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
Nutrients										
Total Ammonia (N)	mg/L	0.019	0.015	C035242	<0.015	0.015	C035242			
Total Phosphorus (P)	mg/L	0.15	0.0010	C037400	<0.0010	0.0010	C037400			
Nitrate plus Nitrite (N)	mg/L	<0.020	0.020	C036429	<0.020	0.020	C036429			
Total Nitrogen (N)	mg/L	0.049	0.020	C039192	<0.020	0.020	C039192	<0.020	0.020	C039192

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

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

Bureau Veritas Job #: C566386
Report Date: 2025/08/07

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		DPY901			DPY901			DPY902		
Sampling Date		2025/07/29			2025/07/29			2025/07/29		
COC Number		110087			110087			110087		
	UNITS	Trip Blank	RDL	QC Batch	Trip Blank Lab-Dup	RDL	QC Batch	Duplicate	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	<0.0050	0.0050	C036431				<0.0050	0.0050	C036431
Calculated Parameters										
Total Chromium III	mg/L	<0.00099	0.00099	C035073				<0.00099	0.00099	C035073
Dissolved Hardness (CaCO3)	mg/L	<0.50	0.50	C034305				66.0	0.50	C034305
Total Hardness (CaCO3)	mg/L	<0.50	0.50	C034304				71.7	0.50	C034304
Nitrate (N)	mg/L	<0.020	0.020	C034338				<0.020	0.020	C034338
Sulphide (as H2S)	mg/L	<0.0020	0.0020	C034631				<0.0020	0.0020	C034631
Field Parameters										
Field pH	pH							6.32	N/A	ONSITE
Field Temperature	°C							12.2	N/A	ONSITE
Misc. Inorganics										
pH	pH	5.75	N/A	C037519	5.69	N/A	C037519	7.80	N/A	C037519
Total Organic Carbon (C)	mg/L	<0.50	0.50	C037159				1.9	0.50	C037159
Total Dissolved Solids	mg/L	<10	10	C039438	<10	10	C039438	72	10	C039438
Total Suspended Solids	mg/L	<1.0	1.0	C038884				2.0	1.0	C038884
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	<0.50	0.50	C035955				1.3	0.50	C035955
Anions										
Alkalinity (PP as CaCO3)	mg/L	<1.0	1.0	C037402	<1.0	1.0	C037402	<1.0	1.0	C037402
Alkalinity (Total as CaCO3)	mg/L	<1.0	1.0	C037402	<1.0	1.0	C037402	59	1.0	C037402
Bicarbonate (HCO3)	mg/L	<1.0	1.0	C037402	<1.0	1.0	C037402	72	1.0	C037402
Carbonate (CO3)	mg/L	<1.0	1.0	C037402	<1.0	1.0	C037402	<1.0	1.0	C037402
Dissolved Fluoride (F)	mg/L	<0.050	0.050	C037790				0.18	0.050	C037790
Hydroxide (OH)	mg/L	<1.0	1.0	C037402	<1.0	1.0	C037402	<1.0	1.0	C037402
Total Sulphide	mg/L	<0.0018	0.0018	C039125				<0.0018	0.0018	C039125
Chloride (Cl)	mg/L	<1.0	1.0	C039379				8.5	1.0	C039379
Sulphate (SO4)	mg/L	<1.0	1.0	C039379				8.8	1.0	C039379
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	<0.00099	0.00099	C035617				<0.00099	0.00099	C035617

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

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

Bureau Veritas Job #: C566386
Report Date: 2025/08/07

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		DPY901			DPY901			DPY902		
Sampling Date		2025/07/29			2025/07/29			2025/07/29		
COC Number		110087			110087			110087		
	UNITS	Trip Blank	RDL	QC Batch	Trip Blank Lab-Dup	RDL	QC Batch	Duplicate	RDL	QC Batch
Nutrients										
Total Ammonia (N)	mg/L	<0.015	0.015	C035242				0.022	0.015	C035242
Total Phosphorus (P)	mg/L	<0.0010	0.0010	C037400				0.0099	0.0010	C037400
Nitrate plus Nitrite (N)	mg/L	<0.020	0.020	C036429				<0.020	0.020	C036429
Total Nitrogen (N)	mg/L	0.022	0.020	C039192				0.388	0.020	C039192
Misc. Organics										
Phenols	mg/L							<0.0015	0.0015	C037209

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

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

GLYCOLS BY GC-FID (WATER)

Bureau Veritas ID		DPY896	DPY902		
Sampling Date		2025/07/29	2025/07/29		
COC Number		110087	110087		
	UNITS	WLNG -EOP	Duplicate	RDL	QC Batch
Glycols					
Ethylene Glycol	mg/L	<3.0	<3.0	3.0	C037292
Diethylene Glycol	mg/L	<5.0	<5.0	5.0	C037292
Triethylene Glycol	mg/L	<5.0	<5.0	5.0	C037292
Propylene Glycol	mg/L	<5.0	<5.0	5.0	C037292
Surrogate Recovery (%)					
Methyl Sulfone (sur.)	%	99	97		C037292
RDL = Reportable Detection Limit					

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

MERCURY BY COLD VAPOR (WATER)

Bureau Veritas ID		DPY895			DPY895			DPY896		
Sampling Date		2025/07/29			2025/07/29			2025/07/29		
COC Number		110087			110087			110087		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	RDL	QC Batch
Elements										
Total Mercury (Hg)	ug/L	0.0020	0.0019	C035799				0.0025	0.0019	C035795
Lab Filtered Elements										
Dissolved Mercury (Hg)	ug/L	<0.0019	0.0019	C036221	<0.0019	0.0019	C036221	<0.0019	0.0019	C036221

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

Bureau Veritas ID		DPY897	DPY898	DPY899	DPY900		DPY901		
Sampling Date		2025/07/29	2025/07/29	2025/07/29	2025/07/29		2025/07/29		
COC Number		110087	110087	110087	110087		110087		
	UNITS	WLNG-US	SQRI-US	SQRI-DS	Field Blank	QC Batch	Trip Blank	RDL	QC Batch
Elements									
Total Mercury (Hg)	ug/L	0.0031	0.0027	0.0038	<0.0019	C035799	<0.0019	0.0019	C035805
Lab Filtered Elements									
Dissolved Mercury (Hg)	ug/L	<0.0019	<0.0019	<0.0019	<0.0019	C036221	<0.0019	0.0019	C036221

RDL = Reportable Detection Limit

Bureau Veritas ID		DPY902		
Sampling Date		2025/07/29		
COC Number		110087		
	UNITS	Duplicate	RDL	QC Batch
Elements				
Total Mercury (Hg)	ug/L	0.0022	0.0019	C035799
Lab Filtered Elements				
Dissolved Mercury (Hg)	ug/L	<0.0019	0.0019	C036221

RDL = Reportable 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		DPY895	DPY896		DPY897			DPY898		
Sampling Date		2025/07/29	2025/07/29		2025/07/29			2025/07/29		
COC Number		110087	110087		110087			110087		
	UNITS	WLNG-DS	WLNG -EOP	QC Batch	WLNG-US	RDL	QC Batch	SQRI-US	RDL	QC Batch
ANIONS										
Bromide (Br)	mg/L	<0.010	<0.010	C039285	<0.010	0.010	C039284	<0.010	0.010	C039285
Dissolved Metals by ICPMS										
Dissolved Calcium (Ca)	mg/L	25.7	25.1	C034325	2.85	0.050	C034325	3.37	0.050	C034325
Dissolved Magnesium (Mg)	mg/L	1.00	0.996	C034325	0.296	0.050	C034325	0.385	0.050	C034325
Dissolved Potassium (K)	mg/L	1.02	0.989	C034325	0.209	0.050	C034325	0.507	0.050	C034325
Dissolved Sodium (Na)	mg/L	4.68	4.59	C034325	1.84	0.050	C034325	1.27	0.050	C034325
Dissolved Sulphur (S)	mg/L	<3.0	<3.0	C034325	<3.0	3.0	C034325	<3.0	3.0	C034325
Lab Filtered Metals										
Dissolved Aluminum (Al)	ug/L	126	108	C035935	32.0	0.50	C035935	29.8	0.50	C035935
Dissolved Antimony (Sb)	ug/L	0.150	0.143	C035935	0.024	0.020	C035935	<0.020	0.020	C035935
Dissolved Arsenic (As)	ug/L	1.51	1.43	C035935	0.115	0.020	C035935	0.126	0.020	C035935
Dissolved Barium (Ba)	ug/L	11.3	11.5	C035935	5.07	0.020	C035935	4.24	0.020	C035935
Dissolved Beryllium (Be)	ug/L	<0.010	<0.010	C035935	<0.010	0.010	C035935	<0.010	0.010	C035935
Dissolved Bismuth (Bi)	ug/L	<0.0050	<0.0050	C035935	<0.0050	0.0050	C035935	<0.0050	0.0050	C035935
Dissolved Boron (B)	ug/L	11	11	C035935	<10	10	C035935	<10	10	C035935
Dissolved Cadmium (Cd)	ug/L	0.0135	0.0118	C035935	<0.0050	0.0050	C035935	0.0050	0.0050	C035935
Dissolved Cesium (Cs)	ug/L	<0.050	<0.050	C035935	<0.050	0.050	C035935	<0.050	0.050	C035935
Dissolved Chromium (Cr)	ug/L	0.64	0.51	C035935	<0.10	0.10	C035935	<0.10	0.10	C035935
Dissolved Cobalt (Co)	ug/L	0.158	0.182	C035935	0.0182	0.0050	C035935	0.0368	0.0050	C035935
Dissolved Copper (Cu)	ug/L	0.380	2.34	C035935	0.579	0.050	C035935	0.308	0.050	C035935
Dissolved Iron (Fe)	ug/L	3.4	9.3	C035935	37.5	1.0	C035935	22.1	1.0	C035935
Dissolved Lead (Pb)	ug/L	<0.0050	0.0602	C035935	0.0192	0.0050	C035935	0.0093	0.0050	C035935
Dissolved Lithium (Li)	ug/L	1.95	1.97	C035935	<0.50	0.50	C035935	0.71	0.50	C035935
Dissolved Manganese (Mn)	ug/L	58.3	66.4	C035935	0.950	0.050	C035935	9.16	0.050	C035935
Dissolved Molybdenum (Mo)	ug/L	17.8	17.9	C035935	0.503	0.050	C035935	0.430	0.050	C035935
Dissolved Nickel (Ni)	ug/L	0.360	0.396	C035935	0.256	0.020	C035935	0.101	0.020	C035935
Dissolved Phosphorus (P)	ug/L	2.3	2.9	C035935	7.1	2.0	C035935	13.4	2.0	C035935
Dissolved Rubidium (Rb)	ug/L	2.06	2.10	C035935	0.477	0.050	C035935	0.814	0.050	C035935
Dissolved Selenium (Se)	ug/L	0.053	0.064	C035935	<0.040	0.040	C035935	<0.040	0.040	C035935
Dissolved Silicon (Si)	ug/L	7240	6970	C035935	4540	50	C035935	2710	50	C035935
Dissolved Silver (Ag)	ug/L	<0.0050	<0.0050	C035935	<0.0050	0.0050	C035935	<0.0050	0.0050	C035935

RDL = Reportable 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		DPY895	DPY896		DPY897			DPY898		
Sampling Date		2025/07/29	2025/07/29		2025/07/29			2025/07/29		
COC Number		110087	110087		110087			110087		
	UNITS	WLNG-DS	WLNG -EOP	QC Batch	WLNG-US	RDL	QC Batch	SQRI-US	RDL	QC Batch
Dissolved Strontium (Sr)	ug/L	47.7	47.5	C035935	15.7	0.050	C035935	20.9	0.050	C035935
Dissolved Tellurium (Te)	ug/L	<0.020	<0.020	C035935	<0.020	0.020	C035935	<0.020	0.020	C035935
Dissolved Thallium (Tl)	ug/L	0.0107	0.0104	C035935	<0.0020	0.0020	C035935	<0.0020	0.0020	C035935
Dissolved Thorium (Th)	ug/L	<0.0050	<0.0050	C035935	0.0109	0.0050	C035935	<0.0050	0.0050	C035935
Dissolved Tin (Sn)	ug/L	<0.20	<0.20	C035935	<0.20	0.20	C035935	<0.20	0.20	C035935
Dissolved Titanium (Ti)	ug/L	<0.50	<0.50	C035935	<0.50	0.50	C035935	1.02	0.50	C035935
Dissolved Uranium (U)	ug/L	1.05	1.05	C035935	0.0502	0.0020	C035935	0.0125	0.0020	C035935
Dissolved Vanadium (V)	ug/L	0.57	0.52	C035935	0.20	0.20	C035935	0.98	0.20	C035935
Dissolved Zinc (Zn)	ug/L	2.10	2.23	C035935	1.04	0.10	C042116	0.19	0.10	C035935
Dissolved Zirconium (Zr)	ug/L	<0.10	<0.10	C035935	<0.10	0.10	C035935	<0.10	0.10	C035935
Total Metals by ICPMS										
Total Aluminum (Al)	ug/L	339	259	C037151	81.3	0.50	C037151	2640	3.0	C037225
Total Antimony (Sb)	ug/L	0.156	0.143	C037151	0.023	0.020	C037151	<0.020	0.020	C037225
Total Arsenic (As)	ug/L	1.70	1.64	C037151	0.115	0.020	C037151	0.280	0.020	C037225
Total Barium (Ba)	ug/L	12.8	12.3	C037151	5.95	0.020	C037151	39.6	0.050	C037225
Total Beryllium (Be)	ug/L	<0.010	<0.010	C037151	<0.010	0.010	C037151	0.026	0.010	C037225
Total Bismuth (Bi)	ug/L	<0.0050	0.0196	C037151	<0.0050	0.0050	C037151	<0.010	0.010	C037225
Total Boron (B)	ug/L	14	13	C037151	<10	10	C037151	<10	10	C037225
Total Cadmium (Cd)	ug/L	0.0195	0.0134	C037151	0.0079	0.0050	C037151	0.0104	0.0050	C037225
Total Cesium (Cs)	ug/L	<0.050	<0.050	C037151	<0.050	0.050	C037151	0.114	0.050	C037225
Total Chromium (Cr)	ug/L	0.71	0.63	C037151	<0.10	0.10	C037151	0.96	0.10	C037225
Total Cobalt (Co)	ug/L	0.194	0.187	C037151	0.0392	0.0050	C037151	0.965	0.010	C037225
Total Copper (Cu)	ug/L	0.499	2.51	C037151	0.682	0.050	C037151	3.84	0.10	C037225
Total Iron (Fe)	ug/L	76.0	39.6	C037151	97.5	1.0	C037151	1970	5.0	C037225
Total Lead (Pb)	ug/L	0.0270	0.265	C037151	0.0384	0.0050	C037151	0.391	0.020	C037225
Total Lithium (Li)	ug/L	2.27	2.10	C037151	<0.50	0.50	C037151	2.18	0.50	C037225
Total Manganese (Mn)	ug/L	67.3	70.5	C037151	3.64	0.050	C037151	59.2	0.10	C037225
Total Molybdenum (Mo)	ug/L	19.0	18.9	C037151	0.548	0.050	C037151	0.384	0.050	C037225
Total Nickel (Ni)	ug/L	0.398	0.392	C037151	0.278	0.020	C037151	1.14	0.10	C037225
Total Phosphorus (P)	ug/L	6.4	7.7	C037151	11.7	2.0	C037151	151	5.0	C037225
Total Rubidium (Rb)	ug/L	2.43	2.20	C037151	0.546	0.050	C037151	3.27	0.050	C037225
Total Selenium (Se)	ug/L	0.066	0.062	C037151	<0.040	0.040	C037151	<0.040	0.040	C037225

RDL = Reportable Detection Limit

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

Bureau Veritas Job #: C566386
Report Date: 2025/08/07

HATFIELD CONSULTANTS
Client Project #: Fortis11234/PE-110163
Site Location: Woodfibre Pipeline Project
Your P.O. #: 4800010213

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DPY895	DPY896		DPY897			DPY898		
Sampling Date		2025/07/29	2025/07/29		2025/07/29			2025/07/29		
COC Number		110087	110087		110087			110087		
	UNITS	WLNG-DS	WLNG -EOP	QC Batch	WLNG-US	RDL	QC Batch	SQRI-US	RDL	QC Batch
Total Silicon (Si)	ug/L	7600	7360	C037151	4770	50	C037151	6210	50	C037225
Total Silver (Ag)	ug/L	<0.0050	<0.0050	C037151	<0.0050	0.0050	C037151	<0.010	0.010	C037225
Total Strontium (Sr)	ug/L	54.3	52.0	C037151	17.0	0.050	C037151	38.6	0.050	C037225
Total Tellurium (Te)	ug/L	<0.020	<0.020	C037151	<0.020	0.020	C037151	<0.020	0.020	C037225
Total Thallium (Tl)	ug/L	0.0120	0.0149	C037151	0.0024	0.0020	C037151	0.0217	0.0020	C037225
Total Thorium (Th)	ug/L	<0.050	<0.050	C037151	<0.050	0.050	C037151	0.107	0.050	C037225
Total Tin (Sn)	ug/L	<0.20	<0.20	C037151	<0.20	0.20	C037151	<0.20	0.20	C037225
Total Titanium (Ti)	ug/L	1.89	0.61	C037151	1.78	0.50	C037151	120	2.0	C037225
Total Uranium (U)	ug/L	1.26	1.21	C037151	0.0668	0.0020	C037151	0.0664	0.0050	C037225
Total Vanadium (V)	ug/L	0.62	0.53	C037151	0.25	0.20	C037151	5.10	0.20	C037225
Total Zinc (Zn)	ug/L	1.85	2.51	C037151	1.90	0.10	C037151	6.5	1.0	C037225
Total Zirconium (Zr)	ug/L	<0.10	<0.10	C037151	<0.10	0.10	C037151	0.41	0.10	C037225
Total Calcium (Ca)	mg/L	27.7	26.2	C034337	3.11	0.050	C034337	4.27	0.25	C034337
Total Magnesium (Mg)	mg/L	1.12	1.04	C034337	0.323	0.050	C034337	1.28	0.25	C034337
Total Potassium (K)	mg/L	1.11	0.999	C034337	0.214	0.050	C034337	1.16	0.25	C034337
Total Sodium (Na)	mg/L	5.13	4.86	C034337	1.96	0.050	C034337	1.65	0.25	C034337
Total Sulphur (S)	mg/L	3.1	<3.0	C034337	<3.0	3.0	C034337	<3.0	3.0	C034337

RDL = Reportable 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		DPY899			DPY900			DPY900		
Sampling Date		2025/07/29			2025/07/29			2025/07/29		
COC Number		110087			110087			110087		
	UNITS	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
ANIONS										
Bromide (Br)	mg/L	<0.010	0.010	C039285	<0.010	0.010	C039285			
Dissolved Metals by ICPMS										
Dissolved Calcium (Ca)	mg/L	3.10	0.050	C034325	<0.050	0.050	C034325			
Dissolved Magnesium (Mg)	mg/L	0.346	0.050	C034325	<0.050	0.050	C034325			
Dissolved Potassium (K)	mg/L	0.504	0.050	C034325	<0.050	0.050	C034325			
Dissolved Sodium (Na)	mg/L	1.13	0.050	C034325	<0.050	0.050	C034325			
Dissolved Sulphur (S)	mg/L	<3.0	3.0	C034325	<3.0	3.0	C034325			
Lab Filtered Metals										
Dissolved Aluminum (Al)	ug/L	28.7	0.50	C035935	<0.50	0.50	C035935			
Dissolved Antimony (Sb)	ug/L	<0.020	0.020	C035935	<0.020	0.020	C035935			
Dissolved Arsenic (As)	ug/L	0.115	0.020	C035935	<0.020	0.020	C035935			
Dissolved Barium (Ba)	ug/L	4.46	0.020	C035935	<0.020	0.020	C035935			
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	C035935	<0.010	0.010	C035935			
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	C035935	<0.0050	0.0050	C035935			
Dissolved Boron (B)	ug/L	<10	10	C035935	<10	10	C035935			
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	C035935	<0.0050	0.0050	C035935			
Dissolved Cesium (Cs)	ug/L	<0.050	0.050	C035935	<0.050	0.050	C035935			
Dissolved Chromium (Cr)	ug/L	<0.10	0.10	C035935	<0.10	0.10	C035935			
Dissolved Cobalt (Co)	ug/L	0.0361	0.0050	C035935	<0.0050	0.0050	C035935			
Dissolved Copper (Cu)	ug/L	0.325	0.050	C035935	0.078	0.050	C035935			
Dissolved Iron (Fe)	ug/L	20.6	1.0	C035935	<1.0	1.0	C035935			
Dissolved Lead (Pb)	ug/L	0.0121	0.0050	C035935	<0.0050	0.0050	C035935			
Dissolved Lithium (Li)	ug/L	0.67	0.50	C035935	<0.50	0.50	C035935			
Dissolved Manganese (Mn)	ug/L	9.20	0.050	C035935	<0.050	0.050	C035935			
Dissolved Molybdenum (Mo)	ug/L	0.366	0.050	C035935	<0.050	0.050	C035935			
Dissolved Nickel (Ni)	ug/L	0.092	0.020	C035935	<0.020	0.020	C035935			
Dissolved Phosphorus (P)	ug/L	12.2	2.0	C035935	<2.0	2.0	C035935			
Dissolved Rubidium (Rb)	ug/L	0.784	0.050	C035935	<0.050	0.050	C035935			
Dissolved Selenium (Se)	ug/L	<0.040	0.040	C035935	<0.040	0.040	C035935			
Dissolved Silicon (Si)	ug/L	2410	50	C035935	<50	50	C035935			
Dissolved Silver (Ag)	ug/L	<0.0050	0.0050	C035935	<0.0050	0.0050	C035935			

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DPY899			DPY900			DPY900		
Sampling Date		2025/07/29			2025/07/29			2025/07/29		
COC Number		110087			110087			110087		
	UNITS	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
Dissolved Strontium (Sr)	ug/L	19.3	0.050	C035935	<0.050	0.050	C035935			
Dissolved Tellurium (Te)	ug/L	<0.020	0.020	C035935	<0.020	0.020	C035935			
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0020	C035935	<0.0020	0.0020	C035935			
Dissolved Thorium (Th)	ug/L	<0.0050	0.0050	C035935	<0.0050	0.0050	C035935			
Dissolved Tin (Sn)	ug/L	<0.20	0.20	C035935	<0.20	0.20	C035935			
Dissolved Titanium (Ti)	ug/L	1.07	0.50	C035935	<0.50	0.50	C035935			
Dissolved Uranium (U)	ug/L	0.0117	0.0020	C035935	<0.0020	0.0020	C035935			
Dissolved Vanadium (V)	ug/L	0.82	0.20	C035935	<0.20	0.20	C035935			
Dissolved Zinc (Zn)	ug/L	0.61	0.10	C035935	<0.10	0.10	C035935			
Dissolved Zirconium (Zr)	ug/L	<0.10	0.10	C035935	<0.10	0.10	C035935			
Total Metals by ICPMS										
Total Aluminum (Al)	ug/L	2320	3.0	C037225	1.39	0.50	C037151	1.37	0.50	C037151
Total Antimony (Sb)	ug/L	<0.020	0.020	C037225	<0.020	0.020	C037151	<0.020	0.020	C037151
Total Arsenic (As)	ug/L	0.274	0.020	C037225	<0.020	0.020	C037151	<0.020	0.020	C037151
Total Barium (Ba)	ug/L	39.0	0.050	C037225	<0.020	0.020	C037151	<0.020	0.020	C037151
Total Beryllium (Be)	ug/L	0.038	0.010	C037225	<0.010	0.010	C037151	<0.010	0.010	C037151
Total Bismuth (Bi)	ug/L	<0.010	0.010	C037225	<0.0050	0.0050	C037151	<0.0050	0.0050	C037151
Total Boron (B)	ug/L	<10	10	C037225	<10	10	C037151	<10	10	C037151
Total Cadmium (Cd)	ug/L	0.0157	0.0050	C037225	<0.0050	0.0050	C037151	<0.0050	0.0050	C037151
Total Cesium (Cs)	ug/L	0.097	0.050	C037225	<0.050	0.050	C037151	<0.050	0.050	C037151
Total Chromium (Cr)	ug/L	0.90	0.10	C037225	<0.10	0.10	C037151	<0.10	0.10	C037151
Total Cobalt (Co)	ug/L	0.979	0.010	C037225	<0.0050	0.0050	C037151	<0.0050	0.0050	C037151
Total Copper (Cu)	ug/L	3.84	0.10	C037225	0.363	0.050	C037151	0.349	0.050	C037151
Total Iron (Fe)	ug/L	1960	5.0	C037225	2.2	1.0	C037151	2.1	1.0	C037151
Total Lead (Pb)	ug/L	0.371	0.020	C037225	0.0255	0.0050	C037151	0.0269	0.0050	C037151
Total Lithium (Li)	ug/L	1.93	0.50	C037225	<0.50	0.50	C037151	<0.50	0.50	C037151
Total Manganese (Mn)	ug/L	59.0	0.10	C037225	0.124	0.050	C037151	0.092	0.050	C037151
Total Molybdenum (Mo)	ug/L	0.392	0.050	C037225	<0.050	0.050	C037151	<0.050	0.050	C037151
Total Nickel (Ni)	ug/L	1.20	0.10	C037225	<0.020	0.020	C037151	<0.020	0.020	C037151
Total Phosphorus (P)	ug/L	135	5.0	C037225	<2.0	2.0	C037151	2.0	2.0	C037151
Total Rubidium (Rb)	ug/L	3.26	0.050	C037225	<0.050	0.050	C037151	<0.050	0.050	C037151
Total Selenium (Se)	ug/L	<0.040	0.040	C037225	<0.040	0.040	C037151	<0.040	0.040	C037151

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DPY899			DPY900			DPY900		
Sampling Date		2025/07/29			2025/07/29			2025/07/29		
COC Number		110087			110087			110087		
	UNITS	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
Total Silicon (Si)	ug/L	5340	50	C037225	<50	50	C037151	<50	50	C037151
Total Silver (Ag)	ug/L	0.010	0.010	C037225	<0.0050	0.0050	C037151	<0.0050	0.0050	C037151
Total Strontium (Sr)	ug/L	33.5	0.050	C037225	<0.050	0.050	C037151	<0.050	0.050	C037151
Total Tellurium (Te)	ug/L	<0.020	0.020	C037225	<0.020	0.020	C037151	<0.020	0.020	C037151
Total Thallium (Tl)	ug/L	0.0217	0.0020	C037225	<0.0020	0.0020	C037151	<0.0020	0.0020	C037151
Total Thorium (Th)	ug/L	0.109	0.050	C037225	<0.050	0.050	C037151	<0.050	0.050	C037151
Total Tin (Sn)	ug/L	<0.20	0.20	C037225	<0.20	0.20	C037151	<0.20	0.20	C037151
Total Titanium (Ti)	ug/L	116	2.0	C037225	<0.50	0.50	C037151	<0.50	0.50	C037151
Total Uranium (U)	ug/L	0.0703	0.0050	C037225	0.0037	0.0020	C037151	0.0025	0.0020	C037151
Total Vanadium (V)	ug/L	4.94	0.20	C037225	<0.20	0.20	C037151	<0.20	0.20	C037151
Total Zinc (Zn)	ug/L	8.1	1.0	C037225	0.14	0.10	C037151	0.12	0.10	C037151
Total Zirconium (Zr)	ug/L	0.34	0.10	C037225	<0.10	0.10	C037151	<0.10	0.10	C037151
Total Calcium (Ca)	mg/L	3.86	0.25	C034337	<0.050	0.050	C034337			
Total Magnesium (Mg)	mg/L	1.22	0.25	C034337	<0.050	0.050	C034337			
Total Potassium (K)	mg/L	1.11	0.25	C034337	<0.050	0.050	C034337			
Total Sodium (Na)	mg/L	1.42	0.25	C034337	<0.050	0.050	C034337			
Total Sulphur (S)	mg/L	<3.0	3.0	C034337	<3.0	3.0	C034337			

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DPY901			DPY901			DPY902		
Sampling Date		2025/07/29			2025/07/29			2025/07/29		
COC Number		110087			110087			110087		
	UNITS	Trip Blank	RDL	QC Batch	Trip Blank Lab-Dup	RDL	QC Batch	Duplicate	RDL	QC Batch
ANIONS										
Bromide (Br)	mg/L	<0.010	0.010	C039284	<0.010	0.010	C039284	<0.010	0.010	C039284
Dissolved Metals by ICPMS										
Dissolved Calcium (Ca)	mg/L	<0.050	0.050	C034325				24.7	0.050	C034325
Dissolved Magnesium (Mg)	mg/L	<0.050	0.050	C034325				1.02	0.050	C034325
Dissolved Potassium (K)	mg/L	<0.050	0.050	C034325				1.05	0.050	C034325
Dissolved Sodium (Na)	mg/L	<0.050	0.050	C034325				4.71	0.050	C034325
Dissolved Sulphur (S)	mg/L	<3.0	3.0	C034325				<3.0	3.0	C034325
Lab Filtered Metals										
Dissolved Aluminum (Al)	ug/L	<0.50	0.50	C035935				89.5	0.50	C035935
Dissolved Antimony (Sb)	ug/L	<0.020	0.020	C035935				0.149	0.020	C035935
Dissolved Arsenic (As)	ug/L	<0.020	0.020	C035935				1.38	0.020	C035935
Dissolved Barium (Ba)	ug/L	<0.020	0.020	C035935				10.6	0.020	C035935
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	C035935				<0.010	0.010	C035935
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	C035935				<0.0050	0.0050	C035935
Dissolved Boron (B)	ug/L	<10	10	C035935				11	10	C035935
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	C035935				0.0056	0.0050	C035935
Dissolved Cesium (Cs)	ug/L	<0.050	0.050	C035935				<0.050	0.050	C035935
Dissolved Chromium (Cr)	ug/L	<0.10	0.10	C035935				0.44	0.10	C035935
Dissolved Cobalt (Co)	ug/L	<0.0050	0.0050	C035935				0.0496	0.0050	C035935
Dissolved Copper (Cu)	ug/L	<0.050	0.050	C035935				4.82	0.050	C035935
Dissolved Iron (Fe)	ug/L	<1.0	1.0	C035935				6.0	1.0	C035935
Dissolved Lead (Pb)	ug/L	<0.0050	0.0050	C035935				0.0120	0.0050	C035935
Dissolved Lithium (Li)	ug/L	<0.50	0.50	C035935				1.97	0.50	C035935
Dissolved Manganese (Mn)	ug/L	<0.050	0.050	C035935				8.48	0.050	C035935
Dissolved Molybdenum (Mo)	ug/L	<0.050	0.050	C035935				18.3	0.050	C035935
Dissolved Nickel (Ni)	ug/L	<0.020	0.020	C035935				0.360	0.020	C035935
Dissolved Phosphorus (P)	ug/L	<2.0	2.0	C035935				3.3	2.0	C035935
Dissolved Rubidium (Rb)	ug/L	<0.050	0.050	C035935				2.19	0.050	C035935
Dissolved Selenium (Se)	ug/L	<0.040	0.040	C035935				0.058	0.040	C035935
Dissolved Silicon (Si)	ug/L	<50	50	C035935				6820	50	C035935
Dissolved Silver (Ag)	ug/L	<0.0050	0.0050	C035935				<0.0050	0.0050	C035935

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DPY901			DPY901			DPY902		
Sampling Date		2025/07/29			2025/07/29			2025/07/29		
COC Number		110087			110087			110087		
	UNITS	Trip Blank	RDL	QC Batch	Trip Blank Lab-Dup	RDL	QC Batch	Duplicate	RDL	QC Batch
Dissolved Strontium (Sr)	ug/L	<0.050	0.050	C035935				47.2	0.050	C035935
Dissolved Tellurium (Te)	ug/L	<0.020	0.020	C035935				<0.020	0.020	C035935
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0020	C035935				0.0177	0.0020	C035935
Dissolved Thorium (Th)	ug/L	<0.0050	0.0050	C035935				<0.0050	0.0050	C035935
Dissolved Tin (Sn)	ug/L	<0.20	0.20	C035935				<0.20	0.20	C035935
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	C035935				<0.50	0.50	C035935
Dissolved Uranium (U)	ug/L	<0.0020	0.0020	C035935				0.940	0.0020	C035935
Dissolved Vanadium (V)	ug/L	<0.20	0.20	C035935				0.42	0.20	C035935
Dissolved Zinc (Zn)	ug/L	<0.10	0.10	C035935				2.81	0.10	C035935
Dissolved Zirconium (Zr)	ug/L	<0.10	0.10	C035935				<0.10	0.10	C035935
Total Metals by ICPMS										
Total Aluminum (Al)	ug/L	<0.50	0.50	C037151				238	0.50	C037151
Total Antimony (Sb)	ug/L	<0.020	0.020	C037151				0.159	0.020	C037151
Total Arsenic (As)	ug/L	<0.020	0.020	C037151				1.61	0.020	C037151
Total Barium (Ba)	ug/L	<0.020	0.020	C037151				12.1	0.020	C037151
Total Beryllium (Be)	ug/L	<0.010	0.010	C037151				<0.010	0.010	C037151
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	C037151				0.0622	0.0050	C037151
Total Boron (B)	ug/L	<10	10	C037151				13	10	C037151
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	C037151				0.0150	0.0050	C037151
Total Cesium (Cs)	ug/L	<0.050	0.050	C037151				<0.050	0.050	C037151
Total Chromium (Cr)	ug/L	<0.10	0.10	C037151				0.51	0.10	C037151
Total Cobalt (Co)	ug/L	<0.0050	0.0050	C037151				0.179	0.0050	C037151
Total Copper (Cu)	ug/L	<0.050	0.050	C037151				5.32	0.050	C037151
Total Iron (Fe)	ug/L	<1.0	1.0	C037151				38.6	1.0	C037151
Total Lead (Pb)	ug/L	<0.0050	0.0050	C037151				0.620	0.0050	C037151
Total Lithium (Li)	ug/L	<0.50	0.50	C037151				2.15	0.50	C037151
Total Manganese (Mn)	ug/L	<0.050	0.050	C037151				75.4	0.050	C037151
Total Molybdenum (Mo)	ug/L	<0.050	0.050	C037151				18.2	0.050	C037151
Total Nickel (Ni)	ug/L	<0.020	0.020	C037151				0.408	0.020	C037151
Total Phosphorus (P)	ug/L	<2.0	2.0	C037151				6.2	2.0	C037151
Total Rubidium (Rb)	ug/L	<0.050	0.050	C037151				2.49	0.050	C037151
Total Selenium (Se)	ug/L	<0.040	0.040	C037151				0.066	0.040	C037151

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DPY901			DPY901			DPY902		
Sampling Date		2025/07/29			2025/07/29			2025/07/29		
COC Number		110087			110087			110087		
	UNITS	Trip Blank	RDL	QC Batch	Trip Blank Lab-Dup	RDL	QC Batch	Duplicate	RDL	QC Batch
Total Silicon (Si)	ug/L	<50	50	C037151				7050	50	C037151
Total Silver (Ag)	ug/L	<0.0050	0.0050	C037151				<0.0050	0.0050	C037151
Total Strontium (Sr)	ug/L	<0.050	0.050	C037151				53.3	0.050	C037151
Total Tellurium (Te)	ug/L	<0.020	0.020	C037151				<0.020	0.020	C037151
Total Thallium (Tl)	ug/L	<0.0020	0.0020	C037151				0.0191	0.0020	C037151
Total Thorium (Th)	ug/L	<0.050	0.050	C037151				<0.050	0.050	C037151
Total Tin (Sn)	ug/L	<0.20	0.20	C037151				<0.20	0.20	C037151
Total Titanium (Ti)	ug/L	<0.50	0.50	C037151				0.74	0.50	C037151
Total Uranium (U)	ug/L	0.0020	0.0020	C037151				1.17	0.0020	C037151
Total Vanadium (V)	ug/L	<0.20	0.20	C037151				0.49	0.20	C037151
Total Zinc (Zn)	ug/L	<0.10	0.10	C037151				4.78	0.10	C037151
Total Zirconium (Zr)	ug/L	<0.10	0.10	C037151				<0.10	0.10	C037151
Total Calcium (Ca)	mg/L	<0.050	0.050	C034337				26.9	0.050	C034337
Total Magnesium (Mg)	mg/L	<0.050	0.050	C034337				1.11	0.050	C034337
Total Potassium (K)	mg/L	<0.050	0.050	C034337				1.13	0.050	C034337
Total Sodium (Na)	mg/L	<0.050	0.050	C034337				5.13	0.050	C034337
Total Sulphur (S)	mg/L	<3.0	3.0	C034337				<3.0	3.0	C034337

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate

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

MISCELLANEOUS (WATER)

Bureau Veritas ID		DPY895	DPY896	DPY897	DPY898	DPY899		
Sampling Date		2025/07/29	2025/07/29	2025/07/29	2025/07/29	2025/07/29		
COC Number		110087	110087	110087	110087	110087		
	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	<0.0018	<0.0018	<0.0018	0.0050	0.0055	0.0018	C035090
Total Un-ionized Hydrogen Sulfide as H2S	mg/L	<0.0019	<0.0019	<0.0019	0.0053	0.0059	0.0019	C035090
RDL = Reportable Detection Limit								

Bureau Veritas ID		DPY902		
Sampling Date		2025/07/29		
COC Number		110087		
	UNITS	Duplicate	RDL	QC Batch
Calculated Parameters				
Total Un-ionized Hydrogen Sulfide as S	mg/L	<0.0018	0.0018	C035090
Total Un-ionized Hydrogen Sulfide as H2S	mg/L	<0.0019	0.0019	C035090
RDL = Reportable 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		DPY896	DPY902		
Sampling Date		2025/07/29	2025/07/29		
COC Number		110087	110087		
	UNITS	WLNG -EOP	Duplicate	RDL	QC Batch
Calculated Parameters					
Low Molecular Weight PAH`s	ug/L	<0.10	<0.10	0.10	C034424
High Molecular Weight PAH`s	ug/L	<0.050	<0.050	0.050	C034424
Total PAH	ug/L	<0.10	<0.10	0.10	C034424
Polycyclic Aromatics					
Quinoline	ug/L	<0.020	<0.020	0.020	C038938
Naphthalene	ug/L	<0.10	<0.10	0.10	C038938
1-Methylnaphthalene	ug/L	<0.050	<0.050	0.050	C038938
2-Methylnaphthalene	ug/L	<0.10	<0.10	0.10	C038938
Acenaphthylene	ug/L	<0.050	<0.050	0.050	C038938
Acenaphthene	ug/L	<0.050	<0.050	0.050	C038938
Fluorene	ug/L	<0.050	<0.050	0.050	C038938
Phenanthrene	ug/L	<0.050	<0.050	0.050	C038938
Anthracene	ug/L	<0.010	<0.010	0.010	C038938
Acridine	ug/L	<0.050	<0.050	0.050	C038938
Fluoranthene	ug/L	<0.020	<0.020	0.020	C038938
Pyrene	ug/L	<0.020	<0.020	0.020	C038938
Benzo(a)anthracene	ug/L	<0.010	<0.010	0.010	C038938
Chrysene	ug/L	<0.020	<0.020	0.020	C038938
Benzo(b&j)fluoranthene	ug/L	<0.030	<0.030	0.030	C038938
Benzo(k)fluoranthene	ug/L	<0.050	<0.050	0.050	C038938
Benzo(a)pyrene	ug/L	<0.0050	<0.0050	0.0050	C038938
Indeno(1,2,3-cd)pyrene	ug/L	<0.050	<0.050	0.050	C038938
Dibenz(a,h)anthracene	ug/L	<0.0030	<0.0030	0.0030	C038938
Benzo(g,h,i)perylene	ug/L	<0.050	<0.050	0.050	C038938
Calculated Parameters					
LEPH (C10-C19 less PAH)	mg/L	<0.20	<0.20	0.20	C034565
HEPH (C19-C32 less PAH)	mg/L	<0.20	<0.20	0.20	C034565
Ext. Pet. Hydrocarbon					
EPH (C10-C19)	mg/L	<0.20	<0.20	0.20	C038942
EPH (C19-C32)	mg/L	<0.20	<0.20	0.20	C038942
Surrogate Recovery (%)					
O-TERPHENYL (sur.)	%	103	117		C038942
RDL = Reportable 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		DPY896	DPY902		
Sampling Date		2025/07/29	2025/07/29		
COC Number		110087	110087		
	UNITS	WLNG -EOP	Duplicate	RDL	QC Batch
D10-ANTHRACENE (sur.)	%	101	103		C038938
D8-ACENAPHTHYLENE (sur.)	%	107	108		C038938
D8-NAPHTHALENE (sur.)	%	97	90		C038938
TERPHENYL-D14 (sur.)	%	78	81		C038938
RDL = Reportable Detection Limit					

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

CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DPY896	DPY902		
Sampling Date		2025/07/29	2025/07/29		
COC Number		110087	110087		
	UNITS	WLNG -EOP	Duplicate	RDL	QC Batch
Calculated Parameters					
VPH (VH6 to 10 - BTEX)	ug/L	<300	<300	300	C034569
Volatiles					
VH C6-C10	ug/L	<300	<300	300	C036645
1,1,1,2-tetrachloroethane	ug/L	<0.50	<0.50	0.50	C036645
1,1,1-trichloroethane	ug/L	<0.50	<0.50	0.50	C036645
1,1,2,2-tetrachloroethane	ug/L	<0.50	<0.50	0.50	C036645
1,1,2Trichloro-1,2,2Trifluoroethane	ug/L	<2.0	<2.0	2.0	C036645
1,1,2-trichloroethane	ug/L	<0.50	<0.50	0.50	C036645
1,1-dichloroethane	ug/L	<0.50	<0.50	0.50	C036645
1,1-dichloroethene	ug/L	<0.50	<0.50	0.50	C036645
1,2,3-trichlorobenzene	ug/L	<2.0	<2.0	2.0	C036645
1,2,4-trichlorobenzene	ug/L	<2.0	<2.0	2.0	C036645
1,2-dibromoethane	ug/L	<0.20	<0.20	0.20	C036645
1,2-dichlorobenzene	ug/L	<0.50	<0.50	0.50	C036645
1,2-dichloroethane	ug/L	<0.50	<0.50	0.50	C036645
1,2-dichloropropane	ug/L	<0.50	<0.50	0.50	C036645
1,3,5-trimethylbenzene	ug/L	<2.0	<2.0	2.0	C036645
1,3-Butadiene	ug/L	<0.50	<0.50	0.50	C036645
1,3-dichlorobenzene	ug/L	<0.50	<0.50	0.50	C036645
1,3-dichloropropane	ug/L	<1.0	<1.0	1.0	C036645
1,4-dichlorobenzene	ug/L	<0.50	<0.50	0.50	C036645
Benzene	ug/L	<0.40	<0.40	0.40	C036645
Bromobenzene	ug/L	<2.0	<2.0	2.0	C036645
Bromodichloromethane	ug/L	<1.0	<1.0	1.0	C036645
Bromoform	ug/L	<1.0	<1.0	1.0	C036645
Bromomethane	ug/L	<1.0	<1.0	1.0	C036645
Carbon tetrachloride	ug/L	<0.50	<0.50	0.50	C036645
Chlorobenzene	ug/L	<0.50	<0.50	0.50	C036645
Dibromochloromethane	ug/L	<1.0	<1.0	1.0	C036645
Chloroethane	ug/L	<1.0	<1.0	1.0	C036645
Chloroform	ug/L	<1.0	<1.0	1.0	C036645
Chloromethane	ug/L	<1.0	<1.0	1.0	C036645
RDL = Reportable 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

CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DPY896	DPY902		
Sampling Date		2025/07/29	2025/07/29		
COC Number		110087	110087		
	UNITS	WLNG -EOP	Duplicate	RDL	QC Batch
cis-1,2-dichloroethene	ug/L	<1.0	<1.0	1.0	C036645
cis-1,3-dichloropropene	ug/L	<1.0	<1.0	1.0	C036645
Dichlorodifluoromethane	ug/L	<2.0	<2.0	2.0	C036645
Dichloromethane	ug/L	<2.0	<2.0	2.0	C036645
Ethylbenzene	ug/L	<0.40	<0.40	0.40	C036645
Hexachlorobutadiene	ug/L	<0.50	<0.50	0.50	C036645
Isopropylbenzene	ug/L	<2.0	<2.0	2.0	C036645
Methyl-tert-butylether (MTBE)	ug/L	<4.0	<4.0	4.0	C036645
Styrene	ug/L	<0.50	<0.50	0.50	C036645
Tetrachloroethene	ug/L	<0.50	<0.50	0.50	C036645
Toluene	ug/L	<0.40	<0.40	0.40	C036645
trans-1,2-dichloroethene	ug/L	<1.0	<1.0	1.0	C036645
trans-1,3-dichloropropene	ug/L	<1.0	<1.0	1.0	C036645
Trichloroethene	ug/L	<0.50	<0.50	0.50	C036645
Trichlorofluoromethane	ug/L	<4.0	<4.0	4.0	C036645
Vinyl chloride	ug/L	<0.50	<0.50	0.50	C036645
m & p-Xylene	ug/L	<0.40	<0.40	0.40	C036645
o-Xylene	ug/L	<0.40	<0.40	0.40	C036645
Xylenes (Total)	ug/L	<0.40	<0.40	0.40	C036645
Surrogate Recovery (%)					
1,4-Difluorobenzene (sur.)	%	105	105		C036645
4-Bromofluorobenzene (sur.)	%	76	77		C036645
D4-1,2-Dichloroethane (sur.)	%	107	106		C036645
RDL = Reportable Detection Limit					

GENERAL COMMENTS

Sample DPY897, Elements by ICPMS Low Level (lab filter): Test repeated.

Results relate only to the items tested.

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

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C035242	TSO	Matrix Spike	Total Ammonia (N)	2025/07/31		94	%	80 - 120
C035242	TSO	Spiked Blank	Total Ammonia (N)	2025/07/31		103	%	80 - 120
C035242	TSO	Method Blank	Total Ammonia (N)	2025/07/31	<0.015		mg/L	
C035242	TSO	RPD	Total Ammonia (N)	2025/07/31	0.91		%	20
C035617	JLP	Matrix Spike [DPY895-02]	Total Hex. Chromium (Cr 6+)	2025/07/31		82	%	80 - 120
C035617	JLP	Spiked Blank	Total Hex. Chromium (Cr 6+)	2025/07/31		106	%	80 - 120
C035617	JLP	Method Blank	Total Hex. Chromium (Cr 6+)	2025/07/31	<0.00099		mg/L	
C035617	JLP	RPD [DPY895-02]	Total Hex. Chromium (Cr 6+)	2025/07/31	NC		%	20
C035795	IC4	Matrix Spike	Total Mercury (Hg)	2025/07/31		107	%	80 - 120
C035795	IC4	Spiked Blank	Total Mercury (Hg)	2025/07/31		111	%	80 - 120
C035795	IC4	Method Blank	Total Mercury (Hg)	2025/07/31	<0.0019		ug/L	
C035795	IC4	RPD	Total Mercury (Hg)	2025/07/31	16		%	20
C035799	IC4	Matrix Spike	Total Mercury (Hg)	2025/07/31		100	%	80 - 120
C035799	IC4	Spiked Blank	Total Mercury (Hg)	2025/07/31		100	%	80 - 120
C035799	IC4	Method Blank	Total Mercury (Hg)	2025/07/31	<0.0019		ug/L	
C035799	IC4	RPD	Total Mercury (Hg)	2025/07/31	NC		%	20
C035805	IC4	Matrix Spike	Total Mercury (Hg)	2025/07/31		106	%	80 - 120
C035805	IC4	Spiked Blank	Total Mercury (Hg)	2025/07/31		105	%	80 - 120
C035805	IC4	Method Blank	Total Mercury (Hg)	2025/07/31	<0.0019		ug/L	
C035805	IC4	RPD	Total Mercury (Hg)	2025/07/31	2.7		%	20
C035935	AA1	Matrix Spike	Dissolved Aluminum (Al)	2025/08/01		96	%	80 - 120
			Dissolved Antimony (Sb)	2025/08/01		NC	%	80 - 120
			Dissolved Arsenic (As)	2025/08/01		102	%	80 - 120
			Dissolved Barium (Ba)	2025/08/01		95	%	80 - 120
			Dissolved Beryllium (Be)	2025/08/01		99	%	80 - 120
			Dissolved Bismuth (Bi)	2025/08/01		93	%	80 - 120
			Dissolved Boron (B)	2025/08/01		98	%	80 - 120
			Dissolved Cadmium (Cd)	2025/08/01		97	%	80 - 120
			Dissolved Cesium (Cs)	2025/08/01		98	%	80 - 120
			Dissolved Chromium (Cr)	2025/08/01		93	%	80 - 120
			Dissolved Cobalt (Co)	2025/08/01		86	%	80 - 120
			Dissolved Copper (Cu)	2025/08/01		87	%	80 - 120
			Dissolved Iron (Fe)	2025/08/01		100	%	80 - 120
			Dissolved Lead (Pb)	2025/08/01		90	%	80 - 120
			Dissolved Lithium (Li)	2025/08/01		91	%	80 - 120
			Dissolved Manganese (Mn)	2025/08/01		NC	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/08/01		NC	%	80 - 120
			Dissolved Nickel (Ni)	2025/08/01		87	%	80 - 120
			Dissolved Phosphorus (P)	2025/08/01		102	%	80 - 120
			Dissolved Rubidium (Rb)	2025/08/01		NC	%	80 - 120
			Dissolved Selenium (Se)	2025/08/01		100	%	80 - 120
			Dissolved Silicon (Si)	2025/08/01		99	%	80 - 120
			Dissolved Silver (Ag)	2025/08/01		95	%	80 - 120
			Dissolved Strontium (Sr)	2025/08/01		NC	%	80 - 120
			Dissolved Tellurium (Te)	2025/08/01		97	%	80 - 120
			Dissolved Thallium (Tl)	2025/08/01		96	%	80 - 120
			Dissolved Thorium (Th)	2025/08/01		101	%	80 - 120
			Dissolved Tin (Sn)	2025/08/01		99	%	80 - 120
			Dissolved Titanium (Ti)	2025/08/01		96	%	80 - 120
			Dissolved Uranium (U)	2025/08/01		97	%	80 - 120
			Dissolved Vanadium (V)	2025/08/01		97	%	80 - 120
			Dissolved Zinc (Zn)	2025/08/01		91	%	80 - 120
			Dissolved Zirconium (Zr)	2025/08/01		105	%	80 - 120

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

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C035935	AA1	Spiked Blank	Dissolved Aluminum (Al)	2025/08/01		102	%	80 - 120
			Dissolved Antimony (Sb)	2025/08/01		99	%	80 - 120
			Dissolved Arsenic (As)	2025/08/01		99	%	80 - 120
			Dissolved Barium (Ba)	2025/08/01		97	%	80 - 120
			Dissolved Beryllium (Be)	2025/08/01		99	%	80 - 120
			Dissolved Bismuth (Bi)	2025/08/01		98	%	80 - 120
			Dissolved Boron (B)	2025/08/01		98	%	80 - 120
			Dissolved Cadmium (Cd)	2025/08/01		97	%	80 - 120
			Dissolved Cesium (Cs)	2025/08/01		100	%	80 - 120
			Dissolved Chromium (Cr)	2025/08/01		97	%	80 - 120
			Dissolved Cobalt (Co)	2025/08/01		91	%	80 - 120
			Dissolved Copper (Cu)	2025/08/01		94	%	80 - 120
			Dissolved Iron (Fe)	2025/08/01		97	%	80 - 120
			Dissolved Lead (Pb)	2025/08/01		93	%	80 - 120
			Dissolved Lithium (Li)	2025/08/01		96	%	80 - 120
			Dissolved Manganese (Mn)	2025/08/01		96	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/08/01		100	%	80 - 120
			Dissolved Nickel (Ni)	2025/08/01		95	%	80 - 120
			Dissolved Phosphorus (P)	2025/08/01		100	%	80 - 120
			Dissolved Rubidium (Rb)	2025/08/01		100	%	80 - 120
			Dissolved Selenium (Se)	2025/08/01		99	%	80 - 120
			Dissolved Silicon (Si)	2025/08/01		99	%	80 - 120
			Dissolved Silver (Ag)	2025/08/01		94	%	80 - 120
			Dissolved Strontium (Sr)	2025/08/01		97	%	80 - 120
			Dissolved Tellurium (Te)	2025/08/01		101	%	80 - 120
			Dissolved Thallium (Tl)	2025/08/01		97	%	80 - 120
			Dissolved Thorium (Th)	2025/08/01		99	%	80 - 120
			Dissolved Tin (Sn)	2025/08/01		100	%	80 - 120
			Dissolved Titanium (Ti)	2025/08/01		95	%	80 - 120
			Dissolved Uranium (U)	2025/08/01		99	%	80 - 120
			Dissolved Vanadium (V)	2025/08/01		98	%	80 - 120
			Dissolved Zinc (Zn)	2025/08/01		101	%	80 - 120
			Dissolved Zirconium (Zr)	2025/08/01		100	%	80 - 120
C035935	AA1	Method Blank	Dissolved Aluminum (Al)	2025/08/01	<0.50		ug/L	
			Dissolved Antimony (Sb)	2025/08/01	<0.020		ug/L	
			Dissolved Arsenic (As)	2025/08/01	<0.020		ug/L	
			Dissolved Barium (Ba)	2025/08/01	<0.020		ug/L	
			Dissolved Beryllium (Be)	2025/08/01	<0.010		ug/L	
			Dissolved Bismuth (Bi)	2025/08/01	<0.0050		ug/L	
			Dissolved Boron (B)	2025/08/01	<10		ug/L	
			Dissolved Cadmium (Cd)	2025/08/01	<0.0050		ug/L	
			Dissolved Cesium (Cs)	2025/08/01	<0.050		ug/L	
			Dissolved Chromium (Cr)	2025/08/01	<0.10		ug/L	
			Dissolved Cobalt (Co)	2025/08/01	<0.0050		ug/L	
			Dissolved Copper (Cu)	2025/08/01	<0.050		ug/L	
			Dissolved Iron (Fe)	2025/08/01	<1.0		ug/L	
			Dissolved Lead (Pb)	2025/08/01	<0.0050		ug/L	
			Dissolved Lithium (Li)	2025/08/01	<0.50		ug/L	
			Dissolved Manganese (Mn)	2025/08/01	<0.050		ug/L	
			Dissolved Molybdenum (Mo)	2025/08/01	<0.050		ug/L	
			Dissolved Nickel (Ni)	2025/08/01	<0.020		ug/L	
			Dissolved Phosphorus (P)	2025/08/01	<2.0		ug/L	
			Dissolved Rubidium (Rb)	2025/08/01	<0.050		ug/L	

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

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Selenium (Se)	2025/08/01	<0.040		ug/L	
			Dissolved Silicon (Si)	2025/08/01	<50		ug/L	
			Dissolved Silver (Ag)	2025/08/01	<0.0050		ug/L	
			Dissolved Strontium (Sr)	2025/08/01	<0.050		ug/L	
			Dissolved Tellurium (Te)	2025/08/01	<0.020		ug/L	
			Dissolved Thallium (Tl)	2025/08/01	<0.0020		ug/L	
			Dissolved Thorium (Th)	2025/08/01	<0.0050		ug/L	
			Dissolved Tin (Sn)	2025/08/01	<0.20		ug/L	
			Dissolved Titanium (Ti)	2025/08/01	<0.50		ug/L	
			Dissolved Uranium (U)	2025/08/01	<0.0020		ug/L	
			Dissolved Vanadium (V)	2025/08/01	<0.20		ug/L	
			Dissolved Zinc (Zn)	2025/08/01	<0.10		ug/L	
			Dissolved Zirconium (Zr)	2025/08/01	<0.10		ug/L	
C035935	AA1	RPD	Dissolved Aluminum (Al)	2025/08/01	16		%	20
			Dissolved Antimony (Sb)	2025/08/01	0.58		%	20
			Dissolved Arsenic (As)	2025/08/01	1.4		%	20
			Dissolved Barium (Ba)	2025/08/01	0.087		%	20
			Dissolved Beryllium (Be)	2025/08/01	NC		%	20
			Dissolved Bismuth (Bi)	2025/08/01	NC		%	20
			Dissolved Boron (B)	2025/08/01	0.23		%	20
			Dissolved Cadmium (Cd)	2025/08/01	NC		%	20
			Dissolved Chromium (Cr)	2025/08/01	11		%	20
			Dissolved Cobalt (Co)	2025/08/01	1.1		%	20
			Dissolved Copper (Cu)	2025/08/01	9.2		%	20
			Dissolved Iron (Fe)	2025/08/01	NC		%	20
			Dissolved Lead (Pb)	2025/08/01	5.9		%	20
			Dissolved Lithium (Li)	2025/08/01	0.70		%	20
			Dissolved Manganese (Mn)	2025/08/01	1.5		%	20
			Dissolved Molybdenum (Mo)	2025/08/01	2.6		%	20
			Dissolved Nickel (Ni)	2025/08/01	3.2		%	20
			Dissolved Selenium (Se)	2025/08/01	5.2		%	20
			Dissolved Silicon (Si)	2025/08/01	3.5		%	20
			Dissolved Silver (Ag)	2025/08/01	NC		%	20
			Dissolved Strontium (Sr)	2025/08/01	2.0		%	20
			Dissolved Thallium (Tl)	2025/08/01	3.8		%	20
			Dissolved Tin (Sn)	2025/08/01	NC		%	20
			Dissolved Titanium (Ti)	2025/08/01	NC		%	20
			Dissolved Uranium (U)	2025/08/01	2.0		%	20
			Dissolved Vanadium (V)	2025/08/01	NC		%	20
			Dissolved Zinc (Zn)	2025/08/01	3.2		%	20
			Dissolved Zirconium (Zr)	2025/08/01	NC		%	20
C035955	JAV	Matrix Spike [DPY900-01]	Dissolved Organic Carbon (C)	2025/08/01		105	%	80 - 120
C035955	JAV	Spiked Blank	Dissolved Organic Carbon (C)	2025/08/01		107	%	80 - 120
C035955	JAV	Method Blank	Dissolved Organic Carbon (C)	2025/08/01	<0.50		mg/L	
C035955	JAV	RPD [DPY900-01]	Dissolved Organic Carbon (C)	2025/08/01	NC		%	20
C036221	IC4	Matrix Spike [DPY895-03]	Dissolved Mercury (Hg)	2025/07/31		105	%	80 - 120
C036221	IC4	Spiked Blank	Dissolved Mercury (Hg)	2025/07/31		101	%	80 - 120
C036221	IC4	Method Blank	Dissolved Mercury (Hg)	2025/07/31	<0.0019		ug/L	
C036221	IC4	RPD [DPY895-03]	Dissolved Mercury (Hg)	2025/07/31	NC		%	20
C036429	C2L	Matrix Spike	Nitrate plus Nitrite (N)	2025/07/31		111	%	80 - 120
C036429	C2L	Spiked Blank	Nitrate plus Nitrite (N)	2025/07/31		106	%	80 - 120
C036429	C2L	Method Blank	Nitrate plus Nitrite (N)	2025/07/31	<0.020		mg/L	
C036429	C2L	RPD	Nitrate plus Nitrite (N)	2025/07/31	3.8		%	25

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

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C036431	C2L	Matrix Spike	Nitrite (N)	2025/07/31		104	%	80 - 120
C036431	C2L	Spiked Blank	Nitrite (N)	2025/07/31		103	%	80 - 120
C036431	C2L	Method Blank	Nitrite (N)	2025/07/31	<0.0050		mg/L	
C036431	C2L	RPD	Nitrite (N)	2025/07/31	NC		%	20
C036455	C2L	Matrix Spike [DPY895-01]	Nitrate plus Nitrite (N)	2025/07/31		141 (1)	%	80 - 120
C036455	C2L	Spiked Blank	Nitrate plus Nitrite (N)	2025/07/31		109	%	80 - 120
C036455	C2L	Method Blank	Nitrate plus Nitrite (N)	2025/07/31	<0.020		mg/L	
C036455	C2L	RPD [DPY895-01]	Nitrate plus Nitrite (N)	2025/07/31	NC		%	25
C036463	C2L	Matrix Spike [DPY895-01]	Nitrite (N)	2025/07/31		106	%	80 - 120
C036463	C2L	Spiked Blank	Nitrite (N)	2025/07/31		102	%	80 - 120
C036463	C2L	Method Blank	Nitrite (N)	2025/07/31	<0.0050		mg/L	
C036463	C2L	RPD [DPY895-01]	Nitrite (N)	2025/07/31	NC		%	20
C036645	DWL	Matrix Spike	1,4-Difluorobenzene (sur.)	2025/08/01		103	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/08/01		99	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/08/01		106	%	50 - 140
			1,1,1,2-tetrachloroethane	2025/08/01		111	%	50 - 140
			1,1,1-trichloroethane	2025/08/01		100	%	50 - 140
			1,1,2,2-tetrachloroethane	2025/08/01		97	%	50 - 140
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/08/01		100	%	50 - 140
			1,1,2-trichloroethane	2025/08/01		92	%	50 - 140
			1,1-dichloroethane	2025/08/01		103	%	50 - 140
			1,1-dichloroethene	2025/08/01		108	%	50 - 140
			1,2,3-trichlorobenzene	2025/08/01		109	%	50 - 140
			1,2,4-trichlorobenzene	2025/08/01		103	%	50 - 140
			1,2-dibromoethane	2025/08/01		89	%	50 - 140
			1,2-dichlorobenzene	2025/08/01		106	%	50 - 140
			1,2-dichloroethane	2025/08/01		95	%	50 - 140
			1,2-dichloropropane	2025/08/01		92	%	50 - 140
			1,3,5-trimethylbenzene	2025/08/01		110	%	50 - 140
			1,3-Butadiene	2025/08/01		97	%	50 - 140
			1,3-dichlorobenzene	2025/08/01		109	%	50 - 140
			1,3-dichloropropane	2025/08/01		90	%	50 - 140
			1,4-dichlorobenzene	2025/08/01		103	%	50 - 140
			Benzene	2025/08/01		95	%	50 - 140
			Bromobenzene	2025/08/01		98	%	50 - 140
			Bromodichloromethane	2025/08/01		96	%	50 - 140
			Bromoform	2025/08/01		76	%	50 - 140
			Bromomethane	2025/08/01		108	%	50 - 140
			Carbon tetrachloride	2025/08/01		102	%	50 - 140
			Chlorobenzene	2025/08/01		93	%	50 - 140
			Dibromochloromethane	2025/08/01		106	%	50 - 140
			Chloroethane	2025/08/01		102	%	50 - 140
			Chloroform	2025/08/01		98	%	50 - 140
			Chloromethane	2025/08/01		98	%	50 - 140
			cis-1,2-dichloroethene	2025/08/01		90	%	50 - 140
			cis-1,3-dichloropropene	2025/08/01		80	%	50 - 140
			Dichlorodifluoromethane	2025/08/01		66	%	50 - 140
			Dichloromethane	2025/08/01		88	%	50 - 140
			Ethylbenzene	2025/08/01		92	%	50 - 140
			Hexachlorobutadiene	2025/08/01		113	%	50 - 140
			Isopropylbenzene	2025/08/01		94	%	50 - 140
			Methyl-tert-butylether (MTBE)	2025/08/01		68	%	50 - 140
			Styrene	2025/08/01		76	%	50 - 140

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

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Tetrachloroethene	2025/08/01		94	%	50 - 140
			Toluene	2025/08/01		86	%	50 - 140
			trans-1,2-dichloroethene	2025/08/01		104	%	50 - 140
			trans-1,3-dichloropropene	2025/08/01		94	%	50 - 140
			Trichloroethene	2025/08/01		93	%	50 - 140
			Trichlorofluoromethane	2025/08/01		96	%	50 - 140
			Vinyl chloride	2025/08/01		101	%	50 - 140
			m & p-Xylene	2025/08/01		94	%	50 - 140
			o-Xylene	2025/08/01		89	%	50 - 140
C036645	DWL	Spiked Blank	1,4-Difluorobenzene (sur.)	2025/08/01		102	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/08/01		100	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/08/01		106	%	50 - 140
			VH C6-C10	2025/08/01		106	%	70 - 130
			1,1,1,2-tetrachloroethane	2025/08/01		116	%	60 - 130
			1,1,1-trichloroethane	2025/08/01		107	%	60 - 130
			1,1,2,2-tetrachloroethane	2025/08/01		100	%	60 - 130
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/08/01		106	%	60 - 130
			1,1,2-trichloroethane	2025/08/01		97	%	60 - 130
			1,1-dichloroethane	2025/08/01		110	%	60 - 130
			1,1-dichloroethene	2025/08/01		113	%	60 - 130
			1,2,3-trichlorobenzene	2025/08/01		117	%	60 - 130
			1,2,4-trichlorobenzene	2025/08/01		112	%	60 - 130
			1,2-dibromoethane	2025/08/01		96	%	60 - 130
			1,2-dichlorobenzene	2025/08/01		110	%	60 - 130
			1,2-dichloroethane	2025/08/01		100	%	60 - 130
			1,2-dichloropropane	2025/08/01		99	%	60 - 130
			1,3,5-trimethylbenzene	2025/08/01		115	%	60 - 130
			1,3-Butadiene	2025/08/01		105	%	50 - 140
			1,3-dichlorobenzene	2025/08/01		113	%	60 - 130
			1,3-dichloropropane	2025/08/01		95	%	60 - 130
			1,4-dichlorobenzene	2025/08/01		106	%	60 - 130
			Benzene	2025/08/01		101	%	60 - 130
			Bromobenzene	2025/08/01		104	%	60 - 130
			Bromodichloromethane	2025/08/01		101	%	60 - 130
			Bromoform	2025/08/01		78	%	60 - 130
			Bromomethane	2025/08/01		113	%	50 - 140
			Carbon tetrachloride	2025/08/01		110	%	60 - 130
			Chlorobenzene	2025/08/01		99	%	60 - 130
			Dibromochloromethane	2025/08/01		112	%	60 - 130
			Chloroethane	2025/08/01		105	%	50 - 140
			Chloroform	2025/08/01		103	%	60 - 130
			Chloromethane	2025/08/01		105	%	50 - 140
			cis-1,2-dichloroethene	2025/08/01		98	%	60 - 130
			cis-1,3-dichloropropene	2025/08/01		88	%	50 - 140
			Dichlorodifluoromethane	2025/08/01		73	%	50 - 140
			Dichloromethane	2025/08/01		94	%	60 - 130
			Ethylbenzene	2025/08/01		98	%	60 - 130
			Hexachlorobutadiene	2025/08/01		119	%	60 - 130
			Isopropylbenzene	2025/08/01		101	%	60 - 130
			Methyl-tert-butylether (MTBE)	2025/08/01		77	%	60 - 130
			Styrene	2025/08/01		80	%	60 - 130
			Tetrachloroethene	2025/08/01		102	%	60 - 130
			Toluene	2025/08/01		95	%	60 - 130

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

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			trans-1,2-dichloroethene	2025/08/01		112	%	60 - 130
			trans-1,3-dichloropropene	2025/08/01		102	%	50 - 140
			Trichloroethene	2025/08/01		100	%	60 - 130
			Trichlorofluoromethane	2025/08/01		102	%	60 - 130
			Vinyl chloride	2025/08/01		109	%	50 - 140
			m & p-Xylene	2025/08/01		100	%	60 - 130
			o-Xylene	2025/08/01		97	%	60 - 130
C036645	DWL	Method Blank	1,4-Difluorobenzene (sur.)	2025/08/01		105	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/08/01		82	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/08/01		103	%	50 - 140
			VH C6-C10	2025/08/01	<300		ug/L	
			1,1,1,2-tetrachloroethane	2025/08/01	<0.50		ug/L	
			1,1,1-trichloroethane	2025/08/01	<0.50		ug/L	
			1,1,2,2-tetrachloroethane	2025/08/01	<0.50		ug/L	
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/08/01	<2.0		ug/L	
			1,1,2-trichloroethane	2025/08/01	<0.50		ug/L	
			1,1-dichloroethane	2025/08/01	<0.50		ug/L	
			1,1-dichloroethene	2025/08/01	<0.50		ug/L	
			1,2,3-trichlorobenzene	2025/08/01	<2.0		ug/L	
			1,2,4-trichlorobenzene	2025/08/01	<2.0		ug/L	
			1,2-dibromoethane	2025/08/01	<0.20		ug/L	
			1,2-dichlorobenzene	2025/08/01	<0.50		ug/L	
			1,2-dichloroethane	2025/08/01	<0.50		ug/L	
			1,2-dichloropropane	2025/08/01	<0.50		ug/L	
			1,3,5-trimethylbenzene	2025/08/01	<2.0		ug/L	
			1,3-Butadiene	2025/08/01	<0.50		ug/L	
			1,3-dichlorobenzene	2025/08/01	<0.50		ug/L	
			1,3-dichloropropane	2025/08/01	<1.0		ug/L	
			1,4-dichlorobenzene	2025/08/01	<0.50		ug/L	
			Benzene	2025/08/01	<0.40		ug/L	
			Bromobenzene	2025/08/01	<2.0		ug/L	
			Bromodichloromethane	2025/08/01	<1.0		ug/L	
			Bromoform	2025/08/01	<1.0		ug/L	
			Bromomethane	2025/08/01	<1.0		ug/L	
			Carbon tetrachloride	2025/08/01	<0.50		ug/L	
			Chlorobenzene	2025/08/01	<0.50		ug/L	
			Dibromochloromethane	2025/08/01	<1.0		ug/L	
			Chloroethane	2025/08/01	<1.0		ug/L	
			Chloroform	2025/08/01	<1.0		ug/L	
			Chloromethane	2025/08/01	<1.0		ug/L	
			cis-1,2-dichloroethene	2025/08/01	<1.0		ug/L	
			cis-1,3-dichloropropene	2025/08/01	<1.0		ug/L	
			Dichlorodifluoromethane	2025/08/01	<2.0		ug/L	
			Dichloromethane	2025/08/01	<2.0		ug/L	
			Ethylbenzene	2025/08/01	<0.40		ug/L	
			Hexachlorobutadiene	2025/08/01	<0.50		ug/L	
			Isopropylbenzene	2025/08/01	<2.0		ug/L	
			Methyl-tert-butylether (MTBE)	2025/08/01	<4.0		ug/L	
			Styrene	2025/08/01	<0.50		ug/L	
			Tetrachloroethene	2025/08/01	<0.50		ug/L	
			Toluene	2025/08/01	<0.40		ug/L	
			trans-1,2-dichloroethene	2025/08/01	<1.0		ug/L	
			trans-1,3-dichloropropene	2025/08/01	<1.0		ug/L	

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

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Trichloroethene	2025/08/01	<0.50		ug/L	
			Trichlorofluoromethane	2025/08/01	<4.0		ug/L	
			Vinyl chloride	2025/08/01	<0.50		ug/L	
			m & p-Xylene	2025/08/01	<0.40		ug/L	
			o-Xylene	2025/08/01	<0.40		ug/L	
			Xylenes (Total)	2025/08/01	<0.40		ug/L	
C036645	DWL	RPD	VH C6-C10	2025/08/01	NC		%	30
			1,1,1,2-tetrachloroethane	2025/08/01	NC		%	30
			1,1,1-trichloroethane	2025/08/01	NC		%	30
			1,1,2,2-tetrachloroethane	2025/08/01	NC		%	30
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/08/01	NC		%	30
			1,1,2-trichloroethane	2025/08/01	NC		%	30
			1,1-dichloroethane	2025/08/01	NC		%	30
			1,1-dichloroethene	2025/08/01	NC		%	30
			1,2,3-trichlorobenzene	2025/08/01	NC		%	30
			1,2,4-trichlorobenzene	2025/08/01	NC		%	30
			1,2-dibromoethane	2025/08/01	NC		%	30
			1,2-dichlorobenzene	2025/08/01	NC		%	30
			1,2-dichloroethane	2025/08/01	NC		%	30
			1,2-dichloropropane	2025/08/01	NC		%	30
			1,3,5-trimethylbenzene	2025/08/01	NC		%	30
			1,3-Butadiene	2025/08/01	NC		%	30
			1,3-dichlorobenzene	2025/08/01	NC		%	30
			1,3-dichloropropane	2025/08/01	NC		%	30
			1,4-dichlorobenzene	2025/08/01	NC		%	30
			Benzene	2025/08/01	NC		%	30
			Bromobenzene	2025/08/01	NC		%	30
			Bromodichloromethane	2025/08/01	NC		%	30
			Bromoform	2025/08/01	NC		%	30
			Bromomethane	2025/08/01	NC		%	30
			Carbon tetrachloride	2025/08/01	NC		%	30
			Chlorobenzene	2025/08/01	NC		%	30
			Dibromochloromethane	2025/08/01	NC		%	30
			Chloroethane	2025/08/01	NC		%	30
			Chloroform	2025/08/01	NC		%	30
			Chloromethane	2025/08/01	NC		%	30
			cis-1,2-dichloroethene	2025/08/01	NC		%	30
			cis-1,3-dichloropropene	2025/08/01	NC		%	30
			Dichlorodifluoromethane	2025/08/01	NC		%	30
			Dichloromethane	2025/08/01	NC		%	30
			Ethylbenzene	2025/08/01	NC		%	30
			Hexachlorobutadiene	2025/08/01	NC		%	30
			Isopropylbenzene	2025/08/01	NC		%	30
			Methyl-tert-butylether (MTBE)	2025/08/01	NC		%	30
			Styrene	2025/08/01	NC		%	30
			Tetrachloroethene	2025/08/01	NC		%	30
			Toluene	2025/08/01	NC		%	30
			trans-1,2-dichloroethene	2025/08/01	NC		%	30
			trans-1,3-dichloropropene	2025/08/01	NC		%	30
			Trichloroethene	2025/08/01	NC		%	30
			Trichlorofluoromethane	2025/08/01	NC		%	30
			Vinyl chloride	2025/08/01	NC		%	30
			m & p-Xylene	2025/08/01	NC		%	30

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

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			o-Xylene	2025/08/01	NC		%	30
			Xylenes (Total)	2025/08/01	NC		%	30
C036702	JLP	Matrix Spike [DPY900-01]	Chloride (Cl)	2025/08/01		102	%	80 - 120
			Sulphate (SO4)	2025/08/01		98	%	80 - 120
C036702	JLP	Spiked Blank	Chloride (Cl)	2025/08/01		102	%	80 - 120
			Sulphate (SO4)	2025/08/01		97	%	80 - 120
C036702	JLP	Method Blank	Chloride (Cl)	2025/08/01	<1.0		mg/L	
			Sulphate (SO4)	2025/08/01	<1.0		mg/L	
C036702	JLP	RPD [DPY900-01]	Chloride (Cl)	2025/08/01	NC		%	20
			Sulphate (SO4)	2025/08/01	NC		%	20
C037151	AA1	Matrix Spike	Total Aluminum (Al)	2025/08/02		102	%	80 - 120
			Total Antimony (Sb)	2025/08/02		101	%	80 - 120
			Total Arsenic (As)	2025/08/02		99	%	80 - 120
			Total Barium (Ba)	2025/08/02		100	%	80 - 120
			Total Beryllium (Be)	2025/08/02		91	%	80 - 120
			Total Bismuth (Bi)	2025/08/02		33 (1)	%	80 - 120
			Total Boron (B)	2025/08/02		94	%	80 - 120
			Total Cadmium (Cd)	2025/08/02		100	%	80 - 120
			Total Cesium (Cs)	2025/08/02		99	%	80 - 120
			Total Chromium (Cr)	2025/08/02		97	%	80 - 120
			Total Cobalt (Co)	2025/08/02		92	%	80 - 120
			Total Copper (Cu)	2025/08/02		96	%	80 - 120
			Total Iron (Fe)	2025/08/02		95	%	80 - 120
			Total Lead (Pb)	2025/08/02		93	%	80 - 120
			Total Lithium (Li)	2025/08/02		96	%	80 - 120
			Total Manganese (Mn)	2025/08/02		98	%	80 - 120
			Total Molybdenum (Mo)	2025/08/02		79 (1)	%	80 - 120
			Total Nickel (Ni)	2025/08/02		96	%	80 - 120
			Total Phosphorus (P)	2025/08/02		101	%	80 - 120
			Total Rubidium (Rb)	2025/08/02		98	%	80 - 120
			Total Selenium (Se)	2025/08/02		100	%	80 - 120
			Total Silicon (Si)	2025/08/02		100	%	80 - 120
			Total Silver (Ag)	2025/08/02		94	%	80 - 120
			Total Strontium (Sr)	2025/08/02		100	%	80 - 120
			Total Tellurium (Te)	2025/08/02		102	%	80 - 120
			Total Thallium (Tl)	2025/08/02		98	%	80 - 120
			Total Thorium (Th)	2025/08/02		106	%	80 - 120
			Total Tin (Sn)	2025/08/02		100	%	80 - 120
			Total Titanium (Ti)	2025/08/02		99	%	80 - 120
			Total Uranium (U)	2025/08/02		100	%	80 - 120
			Total Vanadium (V)	2025/08/02		97	%	80 - 120
			Total Zinc (Zn)	2025/08/02		104	%	80 - 120
			Total Zirconium (Zr)	2025/08/02		99	%	80 - 120
C037151	AA1	Spiked Blank	Total Aluminum (Al)	2025/08/02		107	%	80 - 120
			Total Antimony (Sb)	2025/08/02		104	%	80 - 120
			Total Arsenic (As)	2025/08/02		104	%	80 - 120
			Total Barium (Ba)	2025/08/02		103	%	80 - 120
			Total Beryllium (Be)	2025/08/02		95	%	80 - 120
			Total Bismuth (Bi)	2025/08/02		102	%	80 - 120
			Total Boron (B)	2025/08/02		101	%	80 - 120
			Total Cadmium (Cd)	2025/08/02		103	%	80 - 120
			Total Cesium (Cs)	2025/08/02		104	%	80 - 120
			Total Chromium (Cr)	2025/08/02		107	%	80 - 120

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

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Cobalt (Co)	2025/08/02		99	%	80 - 120
			Total Copper (Cu)	2025/08/02		103	%	80 - 120
			Total Iron (Fe)	2025/08/02		102	%	80 - 120
			Total Lead (Pb)	2025/08/02		98	%	80 - 120
			Total Lithium (Li)	2025/08/02		98	%	80 - 120
			Total Manganese (Mn)	2025/08/02		106	%	80 - 120
			Total Molybdenum (Mo)	2025/08/02		104	%	80 - 120
			Total Nickel (Ni)	2025/08/02		104	%	80 - 120
			Total Phosphorus (P)	2025/08/02		107	%	80 - 120
			Total Rubidium (Rb)	2025/08/02		103	%	80 - 120
			Total Selenium (Se)	2025/08/02		103	%	80 - 120
			Total Silicon (Si)	2025/08/02		101	%	80 - 120
			Total Silver (Ag)	2025/08/02		101	%	80 - 120
			Total Strontium (Sr)	2025/08/02		106	%	80 - 120
			Total Tellurium (Te)	2025/08/02		110	%	80 - 120
			Total Thallium (Tl)	2025/08/02		100	%	80 - 120
			Total Thorium (Th)	2025/08/02		109	%	80 - 120
			Total Tin (Sn)	2025/08/02		103	%	80 - 120
			Total Titanium (Ti)	2025/08/02		104	%	80 - 120
			Total Uranium (U)	2025/08/02		107	%	80 - 120
			Total Vanadium (V)	2025/08/02		106	%	80 - 120
			Total Zinc (Zn)	2025/08/02		109	%	80 - 120
			Total Zirconium (Zr)	2025/08/02		104	%	80 - 120
C037151	AA1	Method Blank	Total Aluminum (Al)	2025/08/02	<0.50		ug/L	
			Total Antimony (Sb)	2025/08/02	<0.020		ug/L	
			Total Arsenic (As)	2025/08/02	<0.020		ug/L	
			Total Barium (Ba)	2025/08/02	<0.020		ug/L	
			Total Beryllium (Be)	2025/08/02	<0.010		ug/L	
			Total Bismuth (Bi)	2025/08/02	<0.0050		ug/L	
			Total Boron (B)	2025/08/02	<10		ug/L	
			Total Cadmium (Cd)	2025/08/02	<0.0050		ug/L	
			Total Cesium (Cs)	2025/08/02	<0.050		ug/L	
			Total Chromium (Cr)	2025/08/02	<0.10		ug/L	
			Total Cobalt (Co)	2025/08/02	<0.0050		ug/L	
			Total Copper (Cu)	2025/08/02	<0.050		ug/L	
			Total Iron (Fe)	2025/08/02	<1.0		ug/L	
			Total Lead (Pb)	2025/08/02	<0.0050		ug/L	
			Total Lithium (Li)	2025/08/02	<0.50		ug/L	
			Total Manganese (Mn)	2025/08/02	<0.050		ug/L	
			Total Molybdenum (Mo)	2025/08/02	<0.050		ug/L	
			Total Nickel (Ni)	2025/08/02	<0.020		ug/L	
			Total Phosphorus (P)	2025/08/02	<2.0		ug/L	
			Total Rubidium (Rb)	2025/08/02	<0.050		ug/L	
			Total Selenium (Se)	2025/08/02	<0.040		ug/L	
			Total Silicon (Si)	2025/08/02	<50		ug/L	
			Total Silver (Ag)	2025/08/02	<0.0050		ug/L	
			Total Strontium (Sr)	2025/08/02	<0.050		ug/L	
			Total Tellurium (Te)	2025/08/02	<0.020		ug/L	
			Total Thallium (Tl)	2025/08/02	<0.0020		ug/L	
			Total Thorium (Th)	2025/08/02	<0.050		ug/L	
			Total Tin (Sn)	2025/08/02	<0.20		ug/L	
			Total Titanium (Ti)	2025/08/02	<0.50		ug/L	
			Total Uranium (U)	2025/08/02	<0.0020		ug/L	

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

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Vanadium (V)	2025/08/02	<0.20		ug/L	
			Total Zinc (Zn)	2025/08/02	<0.10		ug/L	
			Total Zirconium (Zr)	2025/08/02	<0.10		ug/L	
C037151	AA1	RPD	Total Aluminum (Al)	2025/08/02	NC		%	20
			Total Antimony (Sb)	2025/08/02	NC		%	20
			Total Arsenic (As)	2025/08/02	NC		%	20
			Total Barium (Ba)	2025/08/02	NC		%	20
			Total Beryllium (Be)	2025/08/02	NC		%	20
			Total Bismuth (Bi)	2025/08/02	NC		%	20
			Total Boron (B)	2025/08/02	NC		%	20
			Total Cadmium (Cd)	2025/08/02	NC		%	20
			Total Chromium (Cr)	2025/08/02	NC		%	20
			Total Cobalt (Co)	2025/08/02	NC		%	20
			Total Copper (Cu)	2025/08/02	NC		%	20
			Total Iron (Fe)	2025/08/02	NC		%	20
			Total Lead (Pb)	2025/08/02	NC		%	20
			Total Lithium (Li)	2025/08/02	NC		%	20
			Total Manganese (Mn)	2025/08/02	NC		%	20
			Total Molybdenum (Mo)	2025/08/02	NC		%	20
			Total Nickel (Ni)	2025/08/02	NC		%	20
			Total Phosphorus (P)	2025/08/02	NC		%	20
			Total Selenium (Se)	2025/08/02	NC		%	20
			Total Silicon (Si)	2025/08/02	NC		%	20
			Total Silver (Ag)	2025/08/02	NC		%	20
			Total Strontium (Sr)	2025/08/02	NC		%	20
			Total Thallium (Tl)	2025/08/02	NC		%	20
			Total Tin (Sn)	2025/08/02	NC		%	20
			Total Titanium (Ti)	2025/08/02	NC		%	20
			Total Uranium (U)	2025/08/02	NC		%	20
			Total Vanadium (V)	2025/08/02	NC		%	20
			Total Zinc (Zn)	2025/08/02	NC		%	20
			Total Zirconium (Zr)	2025/08/02	NC		%	20
C037151	AA1	RPD [DPY900-08]	Total Aluminum (Al)	2025/08/02	1.5		%	20
			Total Antimony (Sb)	2025/08/02	NC		%	20
			Total Arsenic (As)	2025/08/02	NC		%	20
			Total Barium (Ba)	2025/08/02	NC		%	20
			Total Beryllium (Be)	2025/08/02	NC		%	20
			Total Bismuth (Bi)	2025/08/02	NC		%	20
			Total Boron (B)	2025/08/02	NC		%	20
			Total Cadmium (Cd)	2025/08/02	NC		%	20
			Total Cesium (Cs)	2025/08/02	NC		%	20
			Total Chromium (Cr)	2025/08/02	NC		%	20
			Total Cobalt (Co)	2025/08/02	NC		%	20
			Total Copper (Cu)	2025/08/02	3.8		%	20
			Total Iron (Fe)	2025/08/02	3.9		%	20
			Total Lead (Pb)	2025/08/02	5.3		%	20
			Total Lithium (Li)	2025/08/02	NC		%	20
			Total Manganese (Mn)	2025/08/02	NC		%	20
			Total Molybdenum (Mo)	2025/08/02	NC		%	20
			Total Nickel (Ni)	2025/08/02	NC		%	20
			Total Phosphorus (P)	2025/08/02	1.7		%	20
			Total Rubidium (Rb)	2025/08/02	NC		%	20
			Total Selenium (Se)	2025/08/02	NC		%	20

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

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Silicon (Si)	2025/08/02	NC		%	20
			Total Silver (Ag)	2025/08/02	NC		%	20
			Total Strontium (Sr)	2025/08/02	NC		%	20
			Total Tellurium (Te)	2025/08/02	NC		%	20
			Total Thallium (Tl)	2025/08/02	NC		%	20
			Total Thorium (Th)	2025/08/02	NC		%	20
			Total Tin (Sn)	2025/08/02	NC		%	20
			Total Titanium (Ti)	2025/08/02	NC		%	20
			Total Uranium (U)	2025/08/02	NC		%	20
			Total Vanadium (V)	2025/08/02	NC		%	20
			Total Zinc (Zn)	2025/08/02	14		%	20
			Total Zirconium (Zr)	2025/08/02	NC		%	20
C037159	JAV	Matrix Spike [DPY900-09]	Total Organic Carbon (C)	2025/08/01		97	%	80 - 120
C037159	JAV	Spiked Blank	Total Organic Carbon (C)	2025/08/01		94	%	80 - 120
C037159	JAV	Method Blank	Total Organic Carbon (C)	2025/08/01	<0.50		mg/L	
C037159	JAV	RPD [DPY900-09]	Total Organic Carbon (C)	2025/08/01	2.3		%	20
C037209	JYU	Matrix Spike	Phenols	2025/08/01		NC	%	80 - 120
C037209	JYU	Spiked Blank	Phenols	2025/08/01		96	%	80 - 120
C037209	JYU	Method Blank	Phenols	2025/08/01	<0.0015		mg/L	
C037209	JYU	RPD	Phenols	2025/08/01	2.2		%	20
C037225	AA1	Matrix Spike	Total Aluminum (Al)	2025/08/05		109	%	80 - 120
			Total Antimony (Sb)	2025/08/05		104	%	80 - 120
			Total Arsenic (As)	2025/08/05		108	%	80 - 120
			Total Barium (Ba)	2025/08/05		103	%	80 - 120
			Total Beryllium (Be)	2025/08/05		108	%	80 - 120
			Total Bismuth (Bi)	2025/08/05		96	%	80 - 120
			Total Boron (B)	2025/08/05		112	%	80 - 120
			Total Cadmium (Cd)	2025/08/05		100	%	80 - 120
			Total Cesium (Cs)	2025/08/05		105	%	80 - 120
			Total Chromium (Cr)	2025/08/05		94	%	80 - 120
			Total Cobalt (Co)	2025/08/05		92	%	80 - 120
			Total Copper (Cu)	2025/08/05		88	%	80 - 120
			Total Iron (Fe)	2025/08/05		NC	%	80 - 120
			Total Lead (Pb)	2025/08/05		96	%	80 - 120
			Total Lithium (Li)	2025/08/05		110	%	80 - 120
			Total Manganese (Mn)	2025/08/05		NC	%	80 - 120
			Total Molybdenum (Mo)	2025/08/05		NC	%	80 - 120
			Total Nickel (Ni)	2025/08/05		89	%	80 - 120
			Total Phosphorus (P)	2025/08/05		107	%	80 - 120
			Total Rubidium (Rb)	2025/08/05		99	%	80 - 120
			Total Selenium (Se)	2025/08/05		106	%	80 - 120
			Total Silicon (Si)	2025/08/05		102	%	80 - 120
			Total Silver (Ag)	2025/08/05		99	%	80 - 120
			Total Strontium (Sr)	2025/08/05		NC	%	80 - 120
			Total Tellurium (Te)	2025/08/05		105	%	80 - 120
			Total Thallium (Tl)	2025/08/05		100	%	80 - 120
			Total Thorium (Th)	2025/08/05		108	%	80 - 120
			Total Tin (Sn)	2025/08/05		104	%	80 - 120
			Total Titanium (Ti)	2025/08/05		98	%	80 - 120
			Total Uranium (U)	2025/08/05		109	%	80 - 120
			Total Vanadium (V)	2025/08/05		98	%	80 - 120
			Total Zinc (Zn)	2025/08/05		91	%	80 - 120
			Total Zirconium (Zr)	2025/08/05		111	%	80 - 120

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C037225	AA1	Spiked Blank	Total Aluminum (Al)	2025/08/05		108	%	80 - 120
			Total Antimony (Sb)	2025/08/05		103	%	80 - 120
			Total Arsenic (As)	2025/08/05		106	%	80 - 120
			Total Barium (Ba)	2025/08/05		104	%	80 - 120
			Total Beryllium (Be)	2025/08/05		113	%	80 - 120
			Total Bismuth (Bi)	2025/08/05		105	%	80 - 120
			Total Boron (B)	2025/08/05		110	%	80 - 120
			Total Cadmium (Cd)	2025/08/05		101	%	80 - 120
			Total Cesium (Cs)	2025/08/05		106	%	80 - 120
			Total Chromium (Cr)	2025/08/05		100	%	80 - 120
			Total Cobalt (Co)	2025/08/05		99	%	80 - 120
			Total Copper (Cu)	2025/08/05		97	%	80 - 120
			Total Iron (Fe)	2025/08/05		103	%	80 - 120
			Total Lead (Pb)	2025/08/05		102	%	80 - 120
			Total Lithium (Li)	2025/08/05		113	%	80 - 120
			Total Manganese (Mn)	2025/08/05		100	%	80 - 120
			Total Molybdenum (Mo)	2025/08/05		105	%	80 - 120
			Total Nickel (Ni)	2025/08/05		97	%	80 - 120
			Total Phosphorus (P)	2025/08/05		106	%	80 - 120
			Total Rubidium (Rb)	2025/08/05		104	%	80 - 120
			Total Selenium (Se)	2025/08/05		103	%	80 - 120
			Total Silicon (Si)	2025/08/05		109	%	80 - 120
			Total Silver (Ag)	2025/08/05		100	%	80 - 120
			Total Strontium (Sr)	2025/08/05		108	%	80 - 120
			Total Tellurium (Te)	2025/08/05		110	%	80 - 120
			Total Thallium (Tl)	2025/08/05		103	%	80 - 120
			Total Thorium (Th)	2025/08/05		109	%	80 - 120
			Total Tin (Sn)	2025/08/05		103	%	80 - 120
			Total Titanium (Ti)	2025/08/05		101	%	80 - 120
			Total Uranium (U)	2025/08/05		107	%	80 - 120
			Total Vanadium (V)	2025/08/05		101	%	80 - 120
			Total Zinc (Zn)	2025/08/05		101	%	80 - 120
			Total Zirconium (Zr)	2025/08/05		107	%	80 - 120
C037225	AA1	Method Blank	Total Aluminum (Al)	2025/08/05	<3.0		ug/L	
			Total Antimony (Sb)	2025/08/05	<0.020		ug/L	
			Total Arsenic (As)	2025/08/05	<0.020		ug/L	
			Total Barium (Ba)	2025/08/05	<0.050		ug/L	
			Total Beryllium (Be)	2025/08/05	<0.010		ug/L	
			Total Bismuth (Bi)	2025/08/05	<0.010		ug/L	
			Total Boron (B)	2025/08/05	<10		ug/L	
			Total Cadmium (Cd)	2025/08/05	<0.0050		ug/L	
			Total Cesium (Cs)	2025/08/05	<0.050		ug/L	
			Total Chromium (Cr)	2025/08/05	<0.10		ug/L	
			Total Cobalt (Co)	2025/08/05	<0.010		ug/L	
			Total Copper (Cu)	2025/08/05	<0.10		ug/L	
			Total Iron (Fe)	2025/08/05	<5.0		ug/L	
			Total Lead (Pb)	2025/08/05	<0.020		ug/L	
			Total Lithium (Li)	2025/08/05	<0.50		ug/L	
			Total Manganese (Mn)	2025/08/05	<0.10		ug/L	
			Total Molybdenum (Mo)	2025/08/05	<0.050		ug/L	
			Total Nickel (Ni)	2025/08/05	<0.10		ug/L	
			Total Phosphorus (P)	2025/08/05	<5.0		ug/L	
			Total Rubidium (Rb)	2025/08/05	<0.050		ug/L	

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

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Selenium (Se)	2025/08/05	<0.040		ug/L	
			Total Silicon (Si)	2025/08/05	<50		ug/L	
			Total Silver (Ag)	2025/08/05	<0.010		ug/L	
			Total Strontium (Sr)	2025/08/05	<0.050		ug/L	
			Total Tellurium (Te)	2025/08/05	<0.020		ug/L	
			Total Thallium (Tl)	2025/08/05	<0.0020		ug/L	
			Total Thorium (Th)	2025/08/05	<0.050		ug/L	
			Total Tin (Sn)	2025/08/05	<0.20		ug/L	
			Total Titanium (Ti)	2025/08/05	<2.0		ug/L	
			Total Uranium (U)	2025/08/05	<0.0050		ug/L	
			Total Vanadium (V)	2025/08/05	<0.20		ug/L	
			Total Zinc (Zn)	2025/08/05	<1.0		ug/L	
			Total Zirconium (Zr)	2025/08/05	<0.10		ug/L	
C037225	AA1	RPD	Total Aluminum (Al)	2025/08/05	2.3		%	20
			Total Antimony (Sb)	2025/08/05	0.75		%	20
			Total Arsenic (As)	2025/08/05	1.8		%	20
			Total Barium (Ba)	2025/08/05	0.47		%	20
			Total Beryllium (Be)	2025/08/05	NC		%	20
			Total Bismuth (Bi)	2025/08/05	NC		%	20
			Total Boron (B)	2025/08/05	NC		%	20
			Total Cadmium (Cd)	2025/08/05	8.9		%	20
			Total Chromium (Cr)	2025/08/05	0.92		%	20
			Total Cobalt (Co)	2025/08/05	1.6		%	20
			Total Copper (Cu)	2025/08/05	3.6		%	20
			Total Iron (Fe)	2025/08/05	0.81		%	20
			Total Lead (Pb)	2025/08/05	5.8		%	20
			Total Lithium (Li)	2025/08/05	1.1		%	20
			Total Manganese (Mn)	2025/08/05	2.0		%	20
			Total Molybdenum (Mo)	2025/08/05	4.1		%	20
			Total Nickel (Ni)	2025/08/05	3.5		%	20
			Total Phosphorus (P)	2025/08/05	8.3		%	20
			Total Selenium (Se)	2025/08/05	NC		%	20
			Total Silicon (Si)	2025/08/05	1.7		%	20
			Total Silver (Ag)	2025/08/05	NC		%	20
			Total Strontium (Sr)	2025/08/05	2.4		%	20
			Total Thallium (Tl)	2025/08/05	12		%	20
			Total Tin (Sn)	2025/08/05	NC		%	20
			Total Titanium (Ti)	2025/08/05	NC		%	20
			Total Uranium (U)	2025/08/05	1.7		%	20
			Total Vanadium (V)	2025/08/05	NC		%	20
			Total Zinc (Zn)	2025/08/05	3.6		%	20
			Total Zirconium (Zr)	2025/08/05	NC		%	20
C037292	AAX	Matrix Spike	Methyl Sulfone (sur.)	2025/08/01		105	%	50 - 140
			Ethylene Glycol	2025/08/01		91	%	60 - 140
			Diethylene Glycol	2025/08/01		105	%	60 - 140
			Triethylene Glycol	2025/08/01		92	%	60 - 140
			Propylene Glycol	2025/08/01		97	%	60 - 140
C037292	AAX	Spiked Blank	Methyl Sulfone (sur.)	2025/08/01		92	%	50 - 140
			Ethylene Glycol	2025/08/01		89	%	70 - 130
			Diethylene Glycol	2025/08/01		101	%	70 - 130
			Triethylene Glycol	2025/08/01		92	%	70 - 130
			Propylene Glycol	2025/08/01		92	%	70 - 130
C037292	AAX	Method Blank	Methyl Sulfone (sur.)	2025/08/01		90	%	50 - 140

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

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Ethylene Glycol	2025/08/01	<3.0		mg/L	
			Diethylene Glycol	2025/08/01	<5.0		mg/L	
			Triethylene Glycol	2025/08/01	<5.0		mg/L	
			Propylene Glycol	2025/08/01	<5.0		mg/L	
C037292	AAX	RPD	Ethylene Glycol	2025/08/01	NC		%	30
			Diethylene Glycol	2025/08/01	NC		%	30
			Triethylene Glycol	2025/08/01	NC		%	30
			Propylene Glycol	2025/08/01	NC		%	30
C037400	GCM	Matrix Spike	Total Phosphorus (P)	2025/08/05		116	%	N/A
C037400	GCM	Spiked Blank	Total Phosphorus (P)	2025/08/05		114	%	80 - 120
C037400	GCM	Method Blank	Total Phosphorus (P)	2025/08/05	<0.0010		mg/L	
C037400	GCM	RPD	Total Phosphorus (P)	2025/08/05	1.0		%	20
C037402	VMP	Spiked Blank	Alkalinity (Total as CaCO3)	2025/08/01		94	%	80 - 120
C037402	VMP	Method Blank	Alkalinity (PP as CaCO3)	2025/08/01	<1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/08/01	<1.0		mg/L	
			Bicarbonate (HCO3)	2025/08/01	<1.0		mg/L	
			Carbonate (CO3)	2025/08/01	<1.0		mg/L	
			Hydroxide (OH)	2025/08/01	<1.0		mg/L	
C037402	VMP	RPD [DPY901-01]	Alkalinity (PP as CaCO3)	2025/08/01	NC		%	20
			Alkalinity (Total as CaCO3)	2025/08/01	NC		%	20
			Bicarbonate (HCO3)	2025/08/01	NC		%	20
			Carbonate (CO3)	2025/08/01	NC		%	20
			Hydroxide (OH)	2025/08/01	NC		%	20
C037519	VMP	Spiked Blank	pH	2025/08/01		100	%	97 - 103
C037519	VMP	RPD [DPY901-01]	pH	2025/08/01	1.0		%	N/A
C037558	JAV	Matrix Spike	Dissolved Fluoride (F)	2025/08/01		100	%	80 - 120
C037558	JAV	Spiked Blank	Dissolved Fluoride (F)	2025/08/01		100	%	80 - 120
C037558	JAV	Method Blank	Dissolved Fluoride (F)	2025/08/01	<0.050		mg/L	
C037558	JAV	RPD	Dissolved Fluoride (F)	2025/08/01	NC		%	20
C037790	JLP	Matrix Spike	Dissolved Fluoride (F)	2025/08/02		94	%	80 - 120
C037790	JLP	Spiked Blank	Dissolved Fluoride (F)	2025/08/02		98	%	80 - 120
C037790	JLP	Method Blank	Dissolved Fluoride (F)	2025/08/01	<0.050		mg/L	
C037790	JLP	RPD	Dissolved Fluoride (F)	2025/08/02	3.2		%	20
C037987	VMP	Spiked Blank	pH	2025/08/02		100	%	97 - 103
C037987	VMP	RPD	pH	2025/08/02	0.92		%	N/A
C037988	VMP	Spiked Blank	Alkalinity (Total as CaCO3)	2025/08/02		95	%	80 - 120
C037988	VMP	Method Blank	Alkalinity (PP as CaCO3)	2025/08/02	<1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/08/02	<1.0		mg/L	
			Bicarbonate (HCO3)	2025/08/02	<1.0		mg/L	
			Carbonate (CO3)	2025/08/02	<1.0		mg/L	
			Hydroxide (OH)	2025/08/02	<1.0		mg/L	
C037988	VMP	RPD	Alkalinity (PP as CaCO3)	2025/08/02	15		%	20
			Alkalinity (Total as CaCO3)	2025/08/02	0.48		%	20
			Bicarbonate (HCO3)	2025/08/02	1.3		%	20
			Carbonate (CO3)	2025/08/02	NC		%	20
			Hydroxide (OH)	2025/08/02	NC		%	20
C038884	KA5	Matrix Spike	Total Suspended Solids	2025/08/06		102	%	80 - 120
C038884	KA5	Spiked Blank	Total Suspended Solids	2025/08/06		101	%	80 - 120
C038884	KA5	Method Blank	Total Suspended Solids	2025/08/06	<1.0		mg/L	
C038884	KA5	RPD [DPY895-12]	Total Suspended Solids	2025/08/06	0		%	20
C038938	ABV	Matrix Spike	D10-ANTHRACENE (sur.)	2025/08/05		88	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/08/05		99	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/08/05		91	%	50 - 140

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

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			TERPHENYL-D14 (sur.)	2025/08/05		59	%	50 - 140
			Quinoline	2025/08/05		107	%	50 - 140
			Naphthalene	2025/08/05		NC	%	50 - 140
			1-Methylnaphthalene	2025/08/05		NC	%	50 - 140
			2-Methylnaphthalene	2025/08/05		NC	%	50 - 140
			Acenaphthylene	2025/08/05		99	%	50 - 140
			Acenaphthene	2025/08/05		96	%	50 - 140
			Fluorene	2025/08/05		100	%	50 - 140
			Phenanthrene	2025/08/05		96	%	50 - 140
			Anthracene	2025/08/05		94	%	50 - 140
			Acridine	2025/08/05		95	%	50 - 140
			Fluoranthene	2025/08/05		67	%	50 - 140
			Pyrene	2025/08/05		71	%	50 - 140
			Benzo(a)anthracene	2025/08/05		86	%	50 - 140
			Chrysene	2025/08/05		89	%	50 - 140
			Benzo(b&j)fluoranthene	2025/08/05		58	%	50 - 140
			Benzo(k)fluoranthene	2025/08/05		58	%	50 - 140
			Benzo(a)pyrene	2025/08/05		55	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/08/05		41 (1)	%	50 - 140
			Dibenz(a,h)anthracene	2025/08/05		40 (1)	%	50 - 140
			Benzo(g,h,i)perylene	2025/08/05		41 (1)	%	50 - 140
C038938	ABV	Spiked Blank	D10-ANTHRACENE (sur.)	2025/08/05		101	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/08/05		103	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/08/05		85	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/08/05		79	%	50 - 140
			Quinoline	2025/08/05		100	%	50 - 140
			Naphthalene	2025/08/05		89	%	50 - 140
			1-Methylnaphthalene	2025/08/05		91	%	50 - 140
			2-Methylnaphthalene	2025/08/05		89	%	50 - 140
			Acenaphthylene	2025/08/05		99	%	50 - 140
			Acenaphthene	2025/08/05		96	%	50 - 140
			Fluorene	2025/08/05		99	%	50 - 140
			Phenanthrene	2025/08/05		96	%	50 - 140
			Anthracene	2025/08/05		98	%	50 - 140
			Acridine	2025/08/05		83	%	50 - 140
			Fluoranthene	2025/08/05		68	%	50 - 140
			Pyrene	2025/08/05		73	%	50 - 140
			Benzo(a)anthracene	2025/08/05		91	%	50 - 140
			Chrysene	2025/08/05		96	%	50 - 140
			Benzo(b&j)fluoranthene	2025/08/05		96	%	50 - 140
			Benzo(k)fluoranthene	2025/08/05		106	%	50 - 140
			Benzo(a)pyrene	2025/08/05		97	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/08/05		104	%	50 - 140
			Dibenz(a,h)anthracene	2025/08/05		102	%	50 - 140
			Benzo(g,h,i)perylene	2025/08/05		109	%	50 - 140
C038938	ABV	Method Blank	D10-ANTHRACENE (sur.)	2025/08/05		104	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/08/05		106	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/08/05		81	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/08/05		82	%	50 - 140
			Quinoline	2025/08/05	<0.020		ug/L	
			Naphthalene	2025/08/05	<0.10		ug/L	
			1-Methylnaphthalene	2025/08/05	<0.050		ug/L	
			2-Methylnaphthalene	2025/08/05	<0.10		ug/L	

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

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Acenaphthylene	2025/08/05	<0.050		ug/L	
			Acenaphthene	2025/08/05	<0.050		ug/L	
			Fluorene	2025/08/05	<0.050		ug/L	
			Phenanthrene	2025/08/05	<0.050		ug/L	
			Anthracene	2025/08/05	<0.010		ug/L	
			Acridine	2025/08/05	<0.050		ug/L	
			Fluoranthene	2025/08/05	<0.020		ug/L	
			Pyrene	2025/08/05	<0.020		ug/L	
			Benzo(a)anthracene	2025/08/05	<0.010		ug/L	
			Chrysene	2025/08/05	<0.020		ug/L	
			Benzo(b&j)fluoranthene	2025/08/05	<0.030		ug/L	
			Benzo(k)fluoranthene	2025/08/05	<0.050		ug/L	
			Benzo(a)pyrene	2025/08/05	<0.0050		ug/L	
			Indeno(1,2,3-cd)pyrene	2025/08/05	<0.050		ug/L	
			Dibenz(a,h)anthracene	2025/08/05	<0.0030		ug/L	
			Benzo(g,h,i)perylene	2025/08/05	<0.050		ug/L	
C038938	ABV	RPD	Quinoline	2025/08/05	NC		%	40
			Naphthalene	2025/08/05	NC		%	40
			1-Methylnaphthalene	2025/08/05	NC		%	40
			2-Methylnaphthalene	2025/08/05	NC		%	40
			Acenaphthylene	2025/08/05	NC		%	40
			Acenaphthene	2025/08/05	NC		%	40
			Fluorene	2025/08/05	NC		%	40
			Phenanthrene	2025/08/05	NC		%	40
			Anthracene	2025/08/05	NC		%	40
			Acridine	2025/08/05	NC		%	40
			Fluoranthene	2025/08/05	NC		%	40
			Pyrene	2025/08/05	NC		%	40
			Benzo(a)anthracene	2025/08/05	NC		%	40
			Chrysene	2025/08/05	NC		%	40
			Benzo(b&j)fluoranthene	2025/08/05	NC		%	40
			Benzo(k)fluoranthene	2025/08/05	NC		%	40
			Benzo(a)pyrene	2025/08/05	NC		%	40
			Indeno(1,2,3-cd)pyrene	2025/08/05	NC		%	40
			Dibenz(a,h)anthracene	2025/08/05	NC		%	40
			Benzo(g,h,i)perylene	2025/08/05	NC		%	40
C038942	PN2	Matrix Spike	O-TERPHENYL (sur.)	2025/08/05		99	%	60 - 140
			EPH (C10-C19)	2025/08/05		86	%	60 - 140
			EPH (C19-C32)	2025/08/05		107	%	60 - 140
C038942	PN2	Spiked Blank	O-TERPHENYL (sur.)	2025/08/05		125	%	60 - 140
			EPH (C10-C19)	2025/08/05		111	%	70 - 130
			EPH (C19-C32)	2025/08/05		124	%	70 - 130
C038942	PN2	Method Blank	O-TERPHENYL (sur.)	2025/08/05		116	%	60 - 140
			EPH (C10-C19)	2025/08/05	<0.20		mg/L	
			EPH (C19-C32)	2025/08/05	<0.20		mg/L	
C038942	PN2	RPD	EPH (C10-C19)	2025/08/05	NC		%	30
			EPH (C19-C32)	2025/08/05	NC		%	30
C039125	NJD	Matrix Spike [DPY896-05]	Total Sulphide	2025/08/06		108	%	80 - 120
C039125	NJD	Spiked Blank	Total Sulphide	2025/08/06		94	%	80 - 120
C039125	NJD	Method Blank	Total Sulphide	2025/08/06	<0.0018		mg/L	
C039125	NJD	RPD [DPY897-04]	Total Sulphide	2025/08/06	NC		%	20
C039192	TSO	Matrix Spike [DPY900-09]	Total Nitrogen (N)	2025/08/06		103	%	80 - 120
C039192	TSO	Spiked Blank	Total Nitrogen (N)	2025/08/06		100	%	80 - 120

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

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C039192	TSO	Method Blank	Total Nitrogen (N)	2025/08/06	<0.020		mg/L	
C039192	TSO	RPD [DPY900-09]	Total Nitrogen (N)	2025/08/06	NC		%	20
C039284	SOM	Matrix Spike [DPY901-01]	Bromide (Br)	2025/08/05		90	%	78 - 120
C039284	SOM	Spiked Blank	Bromide (Br)	2025/08/05		90	%	80 - 120
C039284	SOM	Method Blank	Bromide (Br)	2025/08/05	<0.010		mg/L	
C039284	SOM	RPD [DPY901-01]	Bromide (Br)	2025/08/05	NC		%	20
C039285	SOM	Matrix Spike	Bromide (Br)	2025/08/05		100	%	78 - 120
C039285	SOM	Spiked Blank	Bromide (Br)	2025/08/05		94	%	80 - 120
C039285	SOM	Method Blank	Bromide (Br)	2025/08/05	<0.010		mg/L	
C039285	SOM	RPD	Bromide (Br)	2025/08/05	NC		%	20
C039379	JLP	Matrix Spike	Chloride (Cl)	2025/08/05		116	%	80 - 120
			Sulphate (SO4)	2025/08/05		NC	%	80 - 120
C039379	JLP	Spiked Blank	Chloride (Cl)	2025/08/05		101	%	80 - 120
			Sulphate (SO4)	2025/08/05		97	%	80 - 120
C039379	JLP	Method Blank	Chloride (Cl)	2025/08/05	<1.0		mg/L	
			Sulphate (SO4)	2025/08/05	<1.0		mg/L	
C039379	JLP	RPD	Chloride (Cl)	2025/08/05	NC		%	20
			Sulphate (SO4)	2025/08/05	1.8		%	20
C039438	BTM	Matrix Spike	Total Dissolved Solids	2025/08/06		101	%	80 - 120
C039438	BTM	Spiked Blank	Total Dissolved Solids	2025/08/06		98	%	80 - 120
C039438	BTM	Method Blank	Total Dissolved Solids	2025/08/06	<10		mg/L	
C039438	BTM	RPD [DPY901-11]	Total Dissolved Solids	2025/08/06	NC		%	20
C042116	AA1	Spiked Blank	Dissolved Zinc (Zn)	2025/08/07		100	%	80 - 120
C042116	AA1	Method Blank	Dissolved Zinc (Zn)	2025/08/07	<0.10		ug/L	

N/A = Not Applicable

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

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

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

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

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

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

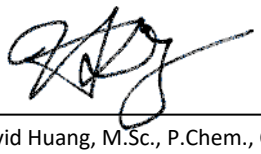
NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).

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

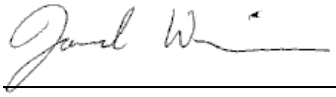
Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

VALIDATION SIGNATURE PAGE

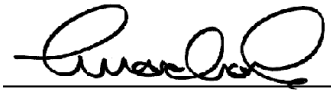
The analytical data and all QC contained in this report were reviewed and validated by:



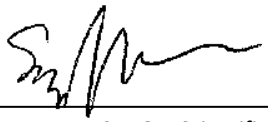
David Huang, M.Sc., P.Chem., QP, Scientific Services Manager



Jared Wiseman, B.Sc., P.Chem., QP, Senior Analyst, Organics



Levi Manchak, Project Manager SR



Sandy Yuan, M.Sc., QP, Scientific Specialist

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

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

C566386
2025/07/29 16:02

Custody Tracking Form

eCOC Number: W1l0087

Please use this form for custody tracking when submitting the work instructions via eCOC (electronic Chain of Custody). Please ensure your form **has a barcode or a Bureau Veritas eCOC confirmation number** in the top right hand side. This number links your electronic submission to your samples. This form should be **placed in the cooler with your samples.**

Relinquished By				Received By			
		Date	July 29 2025	Maria Zamora		Date	2025/07/29
		Time (24 HR)	16:00			Time (24 HR)	16:02
		Date				Date	
		Time (24 HR)				Time (24 HR)	
		Date				Date	
		Time (24 HR)				Time (24 HR)	

Unless otherwise agreed to, submissions and use of services are governed by Bureau Veritas' standard terms and conditions which can be found at www.bvna.com.

Triage Information

Sampled By (Print): Will Swanson

# of Coolers/Pkgs: 2

Rush ☐ Micro ☐ Immediate Test ☐ Food Residue ☐ Food Chemistry ☐

BV Laboratory Use Only

Received At:

Labeled By:

Verified By:

Lab Comments:

MVAN-2025-07-2174

Custody Seal		Cooling Media	Temperature °C		
Present (Y/N)	Intact (Y/N)	Present (Y/N)	1	2	3
N	N	Y	18	20	17
N	N	Y	18	18	18

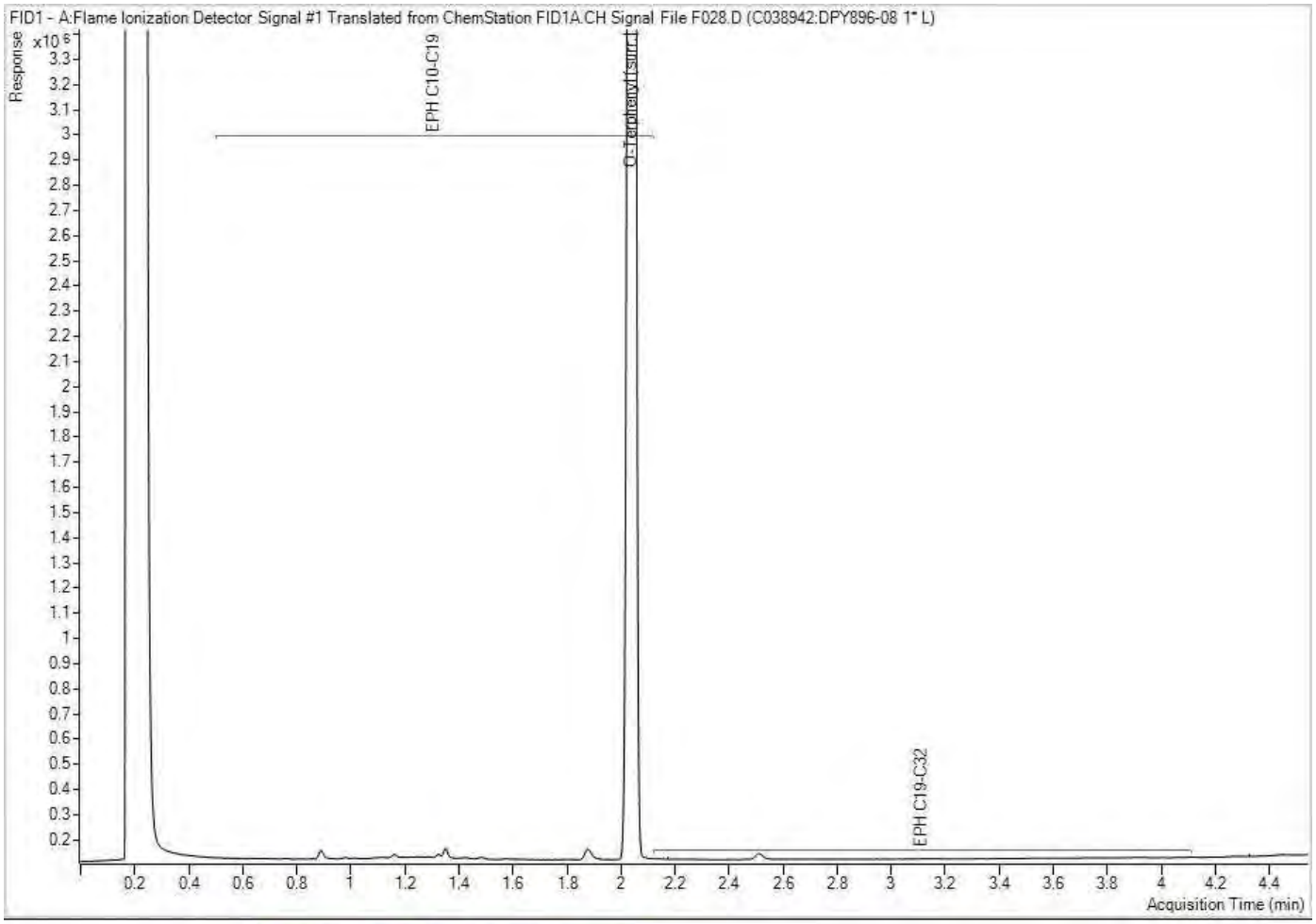
Drinking Water Metals Preservation Check Done (Circle) YES NO

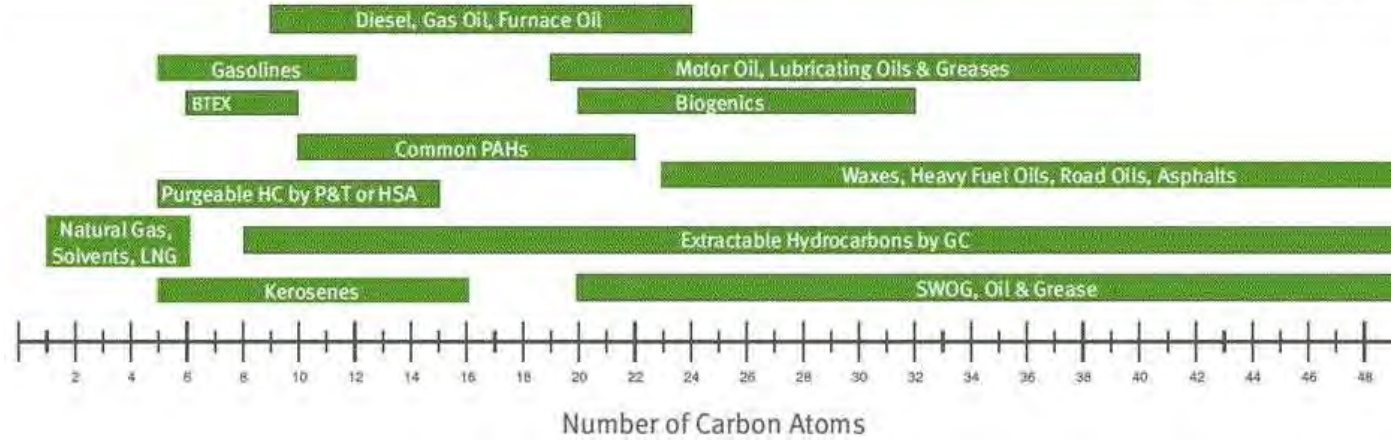
COR FCD-00340/5 PAGE 1 of 1

Bureau Veritas Job #: C566386
Report Date: 2025/08/07
Bureau Veritas Sample: DPY896

HATFIELD CONSULTANTS
Client Project #: Fortis11234/PE-110163
Site Reference: Woodfibre Pipeline Project
Client ID: WLNG -EOP

EPH in Water when PAH required Chromatogram



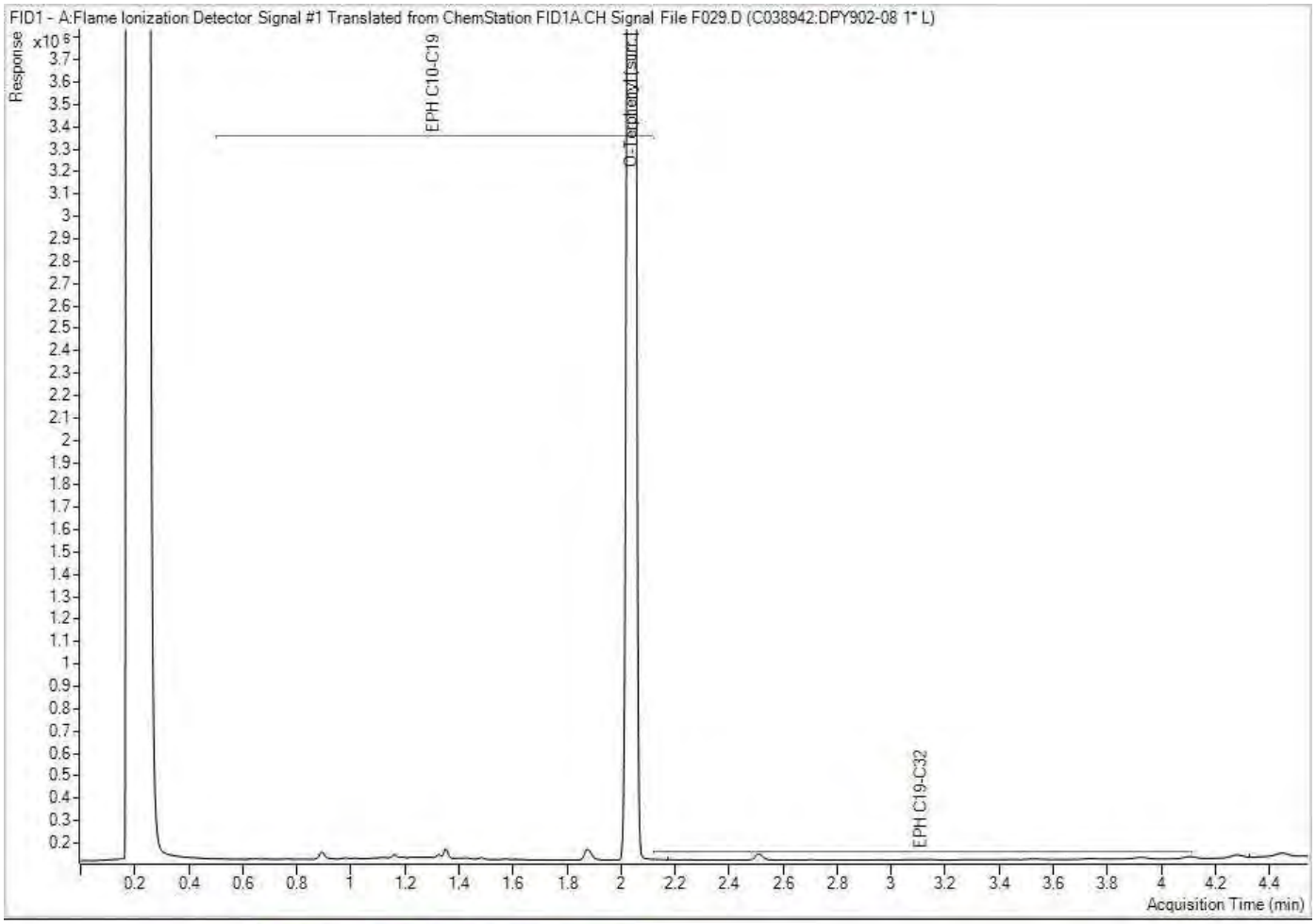


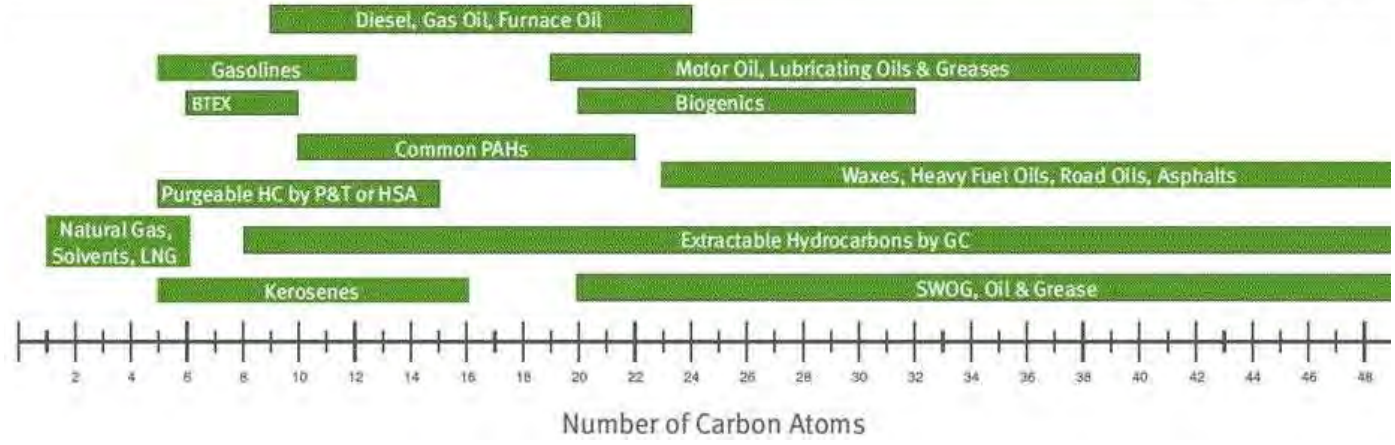
Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

Bureau Veritas Job #: C566386
Report Date: 2025/08/07
Bureau Veritas Sample: DPY902

HATFIELD CONSULTANTS
Client Project #: Fortis11234/PE-110163
Site Reference: Woodfibre Pipeline Project
Client ID: Duplicate

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: W110087

Project Information:	C566386
Job Received:	2025/07/29 16:02
Expected TAT:	Standard TAT
Expected Arrival:	2025/07/29 16:45
Submitted By:	Saeesh Mangwani
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: Brett Lucas
HATFIELD CONSULTANTS
200-850 Harbourside Dr
North Vancouver , BC , V7P 0A3
Email to:
blucas@hatfieldgroup.com
mwhelly@hatfieldgroup.com
danielle.samels@fortisbc.com
smangwani@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	Rainbow Trout LC50 Multi-concentration	Set Number
WLNG-DS	1	2025/07/29	WATER	14	A				1
WLNG -EOP	2	2025/07/29	WATER	18	A	A		A	2
WLNG-US	3	2025/07/29	WATER	14	A				1
SQRI-US	4	2025/07/29	WATER	14	A				1
SQRI-DS	5	2025/07/29	WATER	14	A				1
Field Blank	6	2025/07/29	WATER	14			A		3
Trip Blank	7	2025/07/29	WATER	14			A		3
Duplicate	8	2025/07/29	WATER	18	A	A			4

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

Submission Information

# of Samples: 8

Sample Set Listing

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