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	2025-07-22	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	2025-07-22	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 at upstream station SQU US ranged from approximately 50 to 300 NTU, showing variability. Turbidity at the downstream station SQU DS started high (> 600 NTU) on July 21st , dropping suddenly to 100 NTU and then showing a similar pattern to the SQU DS from July 22 to 23rd. By the morning of July 23rd, turbidity dropped to zero until July 25th (suspect dead battery), after which reading rose to match those observed at SQU DS. Temperature was very similar at SQU US and DS and fluctuated daily but remained below the BC long-term and short-term guidelines (18°C and 19°C, respectively). The weekly range was 11 to 14.2°C.

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.
- There was one reportable exceedance of D-Cu at WLNG EOP on July 22, 2025. The EOP concentration (0.00047 mg/L) exceeded the BC short-term WQGPAL (freshwater) of 0.0002 mg/L, by a factor of 2.35 times. The BC WQGPAL is derived with an uncertainty factor of 2.
    - Of note is that the upstream concentration in East Creek (WLNG US) was 0.000536 mg/L, which is higher than D-Cu at EOP by 1.14 times. Furthermore, the concentration of D-Cu in downstream East Creek (WLNG DS) was lower than at EOP and WLNG US and was compliant with both BC acute and chronic guidelines. Therefore, the results support the conclusion that D-Cu in this EOP sample represents a negligible additional risk to aquatic life.

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	2025-07-21	Yes-Appendix C	2,267 m^3
Woodfibre	2025-07-22	Yes-Appendix C	2,338 m^3
Woodfibre	2025-07-23	Yes-Appendix C	2,343 m^3
Woodfibre	2025-07-24	Yes-Appendix C	2,305 m^3
Woodfibre	2025-07-25	Yes-Appendix C	2,136 m^3
Woodfibre	2025-07-26	Yes-Appendix C	2,287 m^3
Woodfibre	2025-07-27	Yes-Appendix C	2,244 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	2025-07-22	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	2025-07-22	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). The turbidity in EAS-DS was frequently spiking higher than upstream station EAS-US. The turbidity in EAS-DS was frequently spiking higher than upstream station EAS-US. EAS-DS ranged from 0 to 67 NTU (average 7 NTU), while EAS-US ranged from 1.6 to 5 NTU (average 1.8 NTU). Three large spikes in turbidity were observed at EAS-DS (one on July 25 at 09:00, and others on July 26 at 12 noon and July 27 at 20:00.). Several smaller spikes were observed at EAS-DS through the week (up to 20 NTU). Based on screening the EAS-DS with background-based BC WQGPAL, no 24-hr consecutive exceedances were noted. The upstream station WLNG US showed higher temperature than that at WLNG DS. WLNG US ranged from 14.8 to 17.6 °C, while WLNG DS ranged from 11 to 13.8°C. On average, downstream water was 4 °C cooler than upstream. All values were below the long-term and short-term BC WQGPAL (18°C and 19°C, respectively).

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 2025-07-22 13:25:00** [3]	**SQU DS 2025-07-22 13:45:00** [3]
In situ Parameters									
Field pH	**pH Units**	6.5 - 9			7 - 8.7			**6.91**	**6.22**
Field Temperature	**°C**	18	19					15	15.1
General Parameters									
pH	**pH Units**							6.45	6.47
Alkalinity (Total as $CaCO_3$)	**mg/L**							8.1	7.5
Alkalinity (PP as $CaCO_3$)	**mg/L**							<1	<1
Hardness ($CaCO_3$)-Total	**mg/L**							12	10.3
Hardness ($CaCO_3$)-Dissolved	**mg/L**							10.1	9.12
Sulphide-Total	**mg/L**							0.0023	<0.0018
Sulphide (as H_2S)	**mg/L**			0.002				**0.0024**	<0.002
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**	1.64	19.7		14	92		0.046	0.035
Bicarbonate (HCO_3)	**mg/L**							9.9	9.2
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**							0.062	0.039
Phosphorus (P)-Total (4500-P)	**mg/L**							0.14	0.13
Bromide (Br)	**mg/L**							<0.01	<0.01
Chloride (Cl)	**mg/L**	150	600					<1	<1
Fluoride (F)	**mg/L**		0.42			1.5		<0.05	<0.05
Sulphate (SO_4)-Dissolved	**mg/L**	128						2.8	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.

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 2025-07-22 13:25:00 [3]	SQU DS 2025-07-22 13:45:00 [3]
Total Metals									
Aluminum (Al)-Total	**mg/L**	0.008203						**0.921**	**0.699**
Antimony (Sb)-Total	**mg/L**	0.074	0.25					0.000021	<0.00002
Arsenic (As)-Total	**mg/L**	0.005			0.0125			0.000313	0.000163
Barium (Ba)-Total	**mg/L**			1				0.0193	0.0175
Beryllium (Be)-Total	**mg/L**			0.00013			0.1	**0.000133**	<0.00001
Bismuth (Bi)-Total	**mg/L**							0.000019	<0.00001
Boron (B)-Total	**mg/L**	1.2			1.2			<0.01	<0.01
Cadmium (Cd)-Total	**mg/L**						0.00012	**0.000146**	0.0000057
Calcium (Ca)-Total	**mg/L**							3.61	3.08
Cesium (Cs)-Total	**mg/L**							0.000069	0.000057
Chromium (Cr)-Total	**mg/L**							0.00059	0.00031
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**							0.000459	0.000317
Copper (Cu)-Total	**mg/L**				0.002	0.003		**0.00216**	**0.00224**
Iron (Fe)-Total	**mg/L**		1					0.721	0.628
Lead (Pb)-Total	**mg/L**				0.002	0.14		0.000335	0.000161
Lithium (Li)-Total	**mg/L**							0.00137	0.0011
Magnesium (Mg)-Total	**mg/L**							0.73	0.63
Manganese (Mn)-Total	**mg/L**	0.65	0.654				0.1	0.0267	0.0238
Mercury (Hg)-Total	**mg/L**	0.00002			0.00002			<0.0000019	<0.0000019
Molybdenum (Mo)-Total	**mg/L**	7.6	46					0.000476	0.000345
Nickel (Ni)-Total	**mg/L**						0.0083	0.0006	0.00042
Phosphorus (P)-Total (ICPMS)	**mg/L**							0.0852	0.0501
Potassium (K)-Total	**mg/L**							0.72	0.69
Rubidium (Rb)-Total	**mg/L**							0.00186	0.00185
Selenium (Se)-Total	**mg/L**	0.002			0.002			0.000129	<0.00004
Silicon (Si)-Total	**mg/L**							3.87	3.19
Silver (Ag)-Total	**mg/L**	0.00012			0.0005	0.0037	0.0005	0.000016	<0.00001
Sodium (Na)-Total	**mg/L**							1.43	1.19
Strontium (Sr)-Total	**mg/L**							0.026	0.0213
Sulphur (S)-Total	**mg/L**							<3	<3
Tellurium (Te)-Total	**mg/L**							<0.00002	<0.00002
Thallium (Tl)-Total	**mg/L**			0.00003				0.0000135	0.0000103
Thorium (Th)-Total	**mg/L**							<0.00005	<0.00005
Tin (Sn)-Total	**mg/L**							<0.0002	0.00027
Titanium (Ti)-Total	**mg/L**							0.0426	0.0412
Uranium (U)-Total	**mg/L**		0.0165	0.0075				0.000131	0.0000353
Vanadium (V)-Total	**mg/L**			0.06			0.005	0.00243	0.00207
Zinc (Zn)-Total	**mg/L**				0.01	0.055		0.0034	0.0028
Zirconium (Zr)-Total	**mg/L**							0.00023	0.00019

[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.

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Dissolved Metals									
Aluminum (Al)-Dissolved	**mg/L**							0.0379	0.0329
Antimony (Sb)-Dissolved	**mg/L**							<0.00002	<0.00002
Arsenic (As)-Dissolved	**mg/L**							0.000134	0.000123
Barium (Ba)-Dissolved	**mg/L**							0.00416	0.00487
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**	0.00004	0.000057					<0.000005	<0.000005
Calcium (Ca)-Dissolved	**mg/L**							3.39	3.07
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						0.0000216	0.0000294
Copper (Cu)-Dissolved	**mg/L**	0.0002	0.0002					**0.000327**	**0.000347**
Iron (Fe)-Dissolved	**mg/L**		0.35					0.0224	0.0207
Lead (Pb)-Dissolved	**mg/L**	0.000891						0.0000125	0.0000099
Lithium (Li)-Dissolved	**mg/L**							0.00093	0.00085
Manganese (Mn)-Dissolved	**mg/L**							0.00533	0.00649
Magnesium (Mg)-Dissolved	**mg/L**							0.409	0.355
Mercury (Hg)-Dissolved	**mg/L**							<0.0000019	0.0000051
Molybdenum (Mo)-Dissolved	**mg/L**							0.000456	0.000401
Nickel (Ni)-Dissolved	**mg/L**	0.0005	0.0089					0.000078	0.000092
Phosphorus (P)-Dissolved	**mg/L**							0.0058	0.0039
Potassium (K)-Dissolved	**mg/L**							0.486	0.505
Rubidium (Rb)-Dissolved	**mg/L**							0.000789	0.000875
Selenium (Se)-Dissolved	**mg/L**							<0.00004	<0.00004
Silicon (Si)-Dissolved	**mg/L**							2.9	2.54
Silver (Ag)-Dissolved	**mg/L**							<0.000005	<0.000005
Sodium (Na)-Dissolved	**mg/L**							1.31	1.18
Strontium (Sr)-Dissolved	**mg/L**			1.25				0.0205	0.0183
Sulphur (S)-Dissolved	**mg/L**							<3	<3
Tellurium (Te)-Dissolved	**mg/L**							<0.00002	<0.00002
Thallium (Tl)-Dissolved	**mg/L**							0.0000026	0.0000025
Thorium (Th)-Dissolved	**mg/L**							<0.000005	<0.000005
Tin (Sn)-Dissolved	**mg/L**							<0.0002	<0.0002
Titanium (Ti)-Dissolved	**mg/L**							0.00093	0.00106
Uranium (U)-Dissolved	**mg/L**							0.0000137	0.000014
Vanadium (V)-Dissolved	**mg/L**							0.00092	0.00075
Zinc (Zn)-Dissolved	**mg/L**	0.002746	0.006378					0.00012	0.00015
Zirconium (Zr)-Dissolved	**mg/L**							<0.0001	<0.0001

[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.
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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 2025-07-22 13:25:00** [3]	**SQU DS 2025-07-22 13:45:00** [3]
Inorganics									
Organic Carbon (C)-Total	**mg/L**							0.62	0.7
Organic Carbon (C)-Dissolved	**mg/L**							<0.5	<0.5
Solids-Total Dissolved	**mg/L**							<10	<10
Solids-Total Suspended	**mg/L**	135	155					130	110

[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 22, 2025
Site Name:	Squamish River	**Time:**	13:45
Site UTM:	Zone: E:	**Crew:**	WB
(NAD83)	N:	**Weather:**	Sunny

In Situ Parameters

pH:	6.22	DO:	(mg/L)
Temp.:	15.1 (°C)	Cond:	(us)
Turbidity:	101 NTU		

Visible Sheen: N

Water Surface Condition: Turbid

Photo Record

Photo

Photo

Photo

Observations

Location Information

Site ID: SQU US **Date:** July 22, 2025

Site Name: Squamish River **Time:** 13:25

Site UTM: Zone: E: **Crew:** WB

(NAD83) N: **Weather:** Sunny

In Situ Parameters

pH: 6.91 DO: (mg/L)

Temp.: 15 (°C) Cond: (us)

Turbidity: 104.5 NTU

Visible Sheen: N

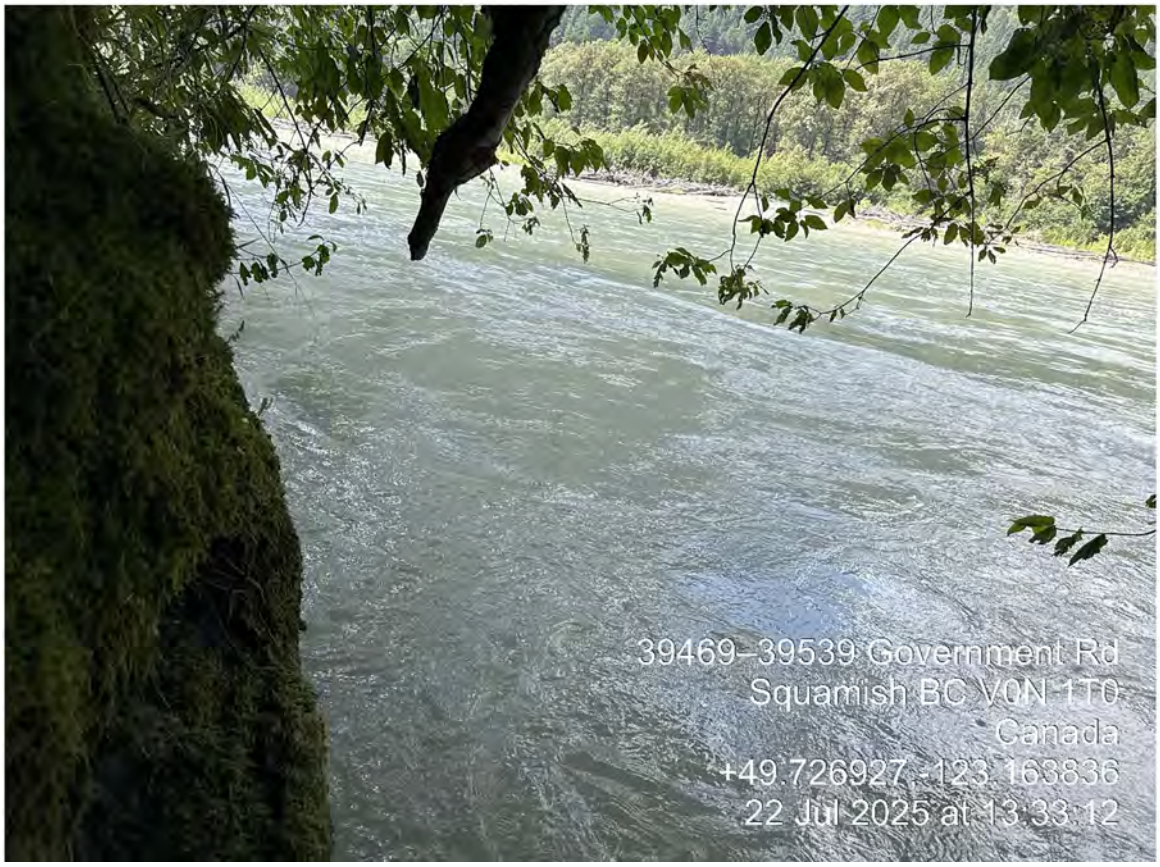
Water Surface Condition: Turbid

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	2025-07-21 00:00:00	13.10	123.26	-0.36	6.43	0.00	673.28
SQU-DS	2025-07-21 00:15:00	13.07	123.10	-0.36	6.43	0.00	673.53
SQU-DS	2025-07-21 00:30:00	13.03	123.15	-0.36	6.43	0.00	673.66
SQU-DS	2025-07-21 00:45:00	12.99	123.12	-0.36	6.43	0.00	673.83
SQU-DS	2025-07-21 01:00:00	12.94	122.97	-0.36	6.43	0.00	674.34
SQU-DS	2025-07-21 01:15:00	12.89	123.04	-0.36	6.43	0.00	674.58
SQU-DS	2025-07-21 01:30:00	12.84	122.92	-0.36	6.43	0.00	674.37
SQU-DS	2025-07-21 01:45:00	12.80	123.03	-0.36	6.43	0.00	674.74
SQU-DS	2025-07-21 02:00:00	12.75	123.02	-0.36	6.44	0.00	675.52
SQU-DS	2025-07-21 02:15:00	12.69	123.16	-0.36	6.44	0.00	675.43
SQU-DS	2025-07-21 02:30:00	12.63	123.50	-0.36	6.44	0.00	675.96
SQU-DS	2025-07-21 02:45:00	12.56	123.37	-0.36	6.44	0.00	676.41
SQU-DS	2025-07-21 03:00:00	12.50	123.37	-0.36	6.44	0.00	676.44
SQU-DS	2025-07-21 03:15:00	12.44	123.47	-0.36	6.44	0.00	676.53
SQU-DS	2025-07-21 03:30:00	12.37	123.44	-0.36	6.44	0.00	676.30
SQU-DS	2025-07-21 03:45:00	12.31	123.59	-0.36	6.44	0.00	676.74
SQU-DS	2025-07-21 04:00:00	12.26	123.68	-0.36	6.44	0.00	676.90
SQU-DS	2025-07-21 04:15:00	12.20	124.02	-0.36	6.45	0.00	677.02
SQU-DS	2025-07-21 04:30:00	12.15	124.26	-0.36	6.45	0.00	677.41
SQU-DS	2025-07-21 04:45:00	12.11	124.51	-0.36	6.45	0.00	676.81
SQU-DS	2025-07-21 05:00:00	12.06	124.73	-0.36	6.45	0.00	676.64
SQU-DS	2025-07-21 05:15:00	12.01	125.29	-0.36	6.45	0.00	676.89
SQU-DS	2025-07-21 05:30:00	11.97	125.45	-0.36	6.45	0.00	677.20
SQU-DS	2025-07-21 05:45:00	11.92	125.88	-0.36	6.45	0.00	677.25
SQU-DS	2025-07-21 06:00:00	11.87	126.48	-0.36	6.45	0.00	677.71
SQU-DS	2025-07-21 06:15:00	11.82	126.77	-0.36	6.45	0.00	678.08
SQU-DS	2025-07-21 06:30:00	11.78	126.97	-0.36	6.46	0.00	678.24
SQU-DS	2025-07-21 06:45:00	11.74	127.18	-0.36	6.46	0.00	678.66
SQU-DS	2025-07-21 07:00:00	11.70	127.42	-0.36	6.46	0.00	678.97
SQU-DS	2025-07-21 07:15:00	11.66	127.59	-0.36	6.46	0.00	678.82
SQU-DS	2025-07-21 07:30:00	11.64	127.62	-0.36	6.46	0.00	678.91
SQU-DS	2025-07-21 07:45:00	11.62	127.84	-0.36	6.46	0.00	678.97
SQU-DS	2025-07-21 08:00:00	11.61	128.21	-0.36	6.46	0.00	678.99
SQU-DS	2025-07-21 08:15:00	11.60	128.38	-0.36	6.46	0.00	678.88
SQU-DS	2025-07-21 08:30:00	11.60	128.92	-0.36	6.46	0.00	678.71
SQU-DS	2025-07-21 08:45:00	11.61	128.97	-0.36	6.46	0.00	678.71
SQU-DS	2025-07-21 09:00:00	11.63	119.38	-0.10	6.44	0.00	587.96
SQU-DS	2025-07-21 09:15:00	11.65	117.75	-0.17	6.47	0.00	592.13
SQU-DS	2025-07-21 09:30:00	11.68	117.81	-0.22	6.47	0.00	591.31
SQU-DS	2025-07-21 09:45:00	11.72	118.13	-0.26	6.47	0.00	589.35
SQU-DS	2025-07-21 10:00:00	11.76	118.45	-0.29	6.47	0.00	589.46
SQU-DS	2025-07-21 10:15:00	11.82	119.23	-0.31	6.48	0.00	585.93
SQU-DS	2025-07-21 10:30:00	11.88	119.83	-0.33	6.48	0.00	585.18
SQU-DS	2025-07-21 10:45:00	11.95	120.24	-0.33	6.48	0.00	584.25
SQU-DS	2025-07-21 11:00:00	12.02	120.64	-0.34	6.48	0.00	583.45
SQU-DS	2025-07-21 11:15:00	12.09	121.05	-0.34	6.48	0.00	582.87
SQU-DS	2025-07-21 11:30:00	12.17	121.19	-0.35	6.48	0.00	581.90
SQU-DS	2025-07-21 11:45:00	12.23	121.67	-0.35	6.48	0.00	580.74
SQU-DS	2025-07-21 12:00:00	12.29	122.08	-0.35	6.48	0.00	580.35
SQU-DS	2025-07-21 12:15:00	12.33	122.76	-0.36	6.48	0.00	580.02
SQU-DS	2025-07-21 12:30:00	12.34	122.75	-0.36	6.48	0.00	579.94
SQU-DS	2025-07-21 12:45:00	12.45	27.63	0.22	7.02	9.82	100.55
SQU-DS	2025-07-21 13:00:00	12.61	28.67	0.24	7.04	9.81	79.64
SQU-DS	2025-07-21 13:15:00	12.70	28.98	0.25	7.04	9.80	110.99
SQU-DS	2025-07-21 13:30:00	12.77	28.76	0.26	7.03	9.81	109.97

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-21 13:45:00	12.81	28.51	0.27	7.06	9.81	84.35
SQU-DS	2025-07-21 14:00:00	12.86	28.98	0.28	7.04	9.83	98.30
SQU-DS	2025-07-21 14:15:00	12.93	29.00	0.29	7.07	9.81	94.68
SQU-DS	2025-07-21 14:30:00	13.01	28.69	0.29	7.10	9.81	85.78
SQU-DS	2025-07-21 14:45:00	13.10	29.02	0.30	7.06	9.81	104.70
SQU-DS	2025-07-21 15:00:00	13.17	28.78	0.30	7.15	9.82	85.38
SQU-DS	2025-07-21 15:15:00	13.24	28.87	0.31	7.14	9.82	87.33
SQU-DS	2025-07-21 15:30:00	13.25	28.81	0.29	7.17	9.81	71.24
SQU-DS	2025-07-21 15:45:00	13.23	28.97	0.31	7.12	9.80	86.58
SQU-DS	2025-07-21 16:00:00	13.23	29.36	0.32	7.16	9.80	64.28
SQU-DS	2025-07-21 16:15:00	13.23	29.29	0.32	7.17	9.78	63.51
SQU-DS	2025-07-21 16:30:00	13.28	29.73	0.33	7.18	9.76	68.37
SQU-DS	2025-07-21 16:45:00	13.31	29.30	0.33	7.18	9.75	58.33
SQU-DS	2025-07-21 17:00:00	13.38	29.48	0.33	7.21	9.73	66.56
SQU-DS	2025-07-21 17:15:00	13.43	29.97	0.33	7.21	9.71	73.15
SQU-DS	2025-07-21 17:30:00	13.45	29.78	0.34	7.19	9.71	81.28
SQU-DS	2025-07-21 17:45:00	13.48	29.93	0.34	7.19	9.69	64.44
SQU-DS	2025-07-21 18:00:00	13.52	30.33	0.34	7.21	9.68	74.23
SQU-DS	2025-07-21 18:15:00	13.57	30.57	0.34	7.22	9.67	78.09
SQU-DS	2025-07-21 18:30:00	13.58	30.93	0.34	7.21	9.64	74.55
SQU-DS	2025-07-21 18:45:00	13.58	30.97	0.33	7.21	9.63	79.51
SQU-DS	2025-07-21 19:00:00	13.58	31.48	0.34	7.15	9.61	77.47
SQU-DS	2025-07-21 19:15:00	13.58	31.45	0.34	7.19	9.58	79.89
SQU-DS	2025-07-21 19:30:00	13.56	31.54	0.33	7.18	9.56	78.50
SQU-DS	2025-07-21 19:45:00	13.53	31.66	0.33	7.16	9.56	69.42
SQU-DS	2025-07-21 20:00:00	13.50	31.54	0.33	7.18	9.55	80.74
SQU-DS	2025-07-21 20:15:00	13.45	31.87	0.33	7.17	9.52	82.69
SQU-DS	2025-07-21 20:30:00	13.41	31.84	0.33	7.16	9.51	70.65
SQU-DS	2025-07-21 20:45:00	13.38	31.45	0.33	7.13	9.51	70.49
SQU-DS	2025-07-21 21:00:00	13.34	31.38	0.33	7.12	9.50	75.37
SQU-DS	2025-07-21 21:15:00	13.32	31.11	0.33	7.15	9.50	77.74
SQU-DS	2025-07-21 21:30:00	13.30	31.01	0.33	7.13	9.48	86.91
SQU-DS	2025-07-21 21:45:00	13.29	30.78	0.33	7.17	9.48	83.23
SQU-DS	2025-07-21 22:00:00	13.29	30.41	0.34	7.15	9.49	81.11
SQU-DS	2025-07-21 22:15:00	13.27	30.64	0.34	7.13	9.48	73.14
SQU-DS	2025-07-21 22:30:00	13.27	30.52	0.34	7.13	9.47	84.78
SQU-DS	2025-07-21 22:45:00	13.26	30.56	0.34	7.17	9.47	89.58
SQU-DS	2025-07-21 23:00:00	13.23	30.45	0.34	7.19	9.47	83.34
SQU-DS	2025-07-21 23:15:00	13.20	30.19	0.34	7.11	9.47	85.81
SQU-DS	2025-07-21 23:30:00	13.15	29.95	0.34	7.16	9.51	84.14
SQU-DS	2025-07-21 23:45:00	13.10	29.33	0.35	7.16	9.52	91.15
SQU-DS	2025-07-22 00:00:00	13.03	29.55	0.35	7.18	9.54	97.11
SQU-DS	2025-07-22 00:15:00	12.97	29.50	0.35	7.14	9.54	95.22
SQU-DS	2025-07-22 00:30:00	12.92	29.22	0.35	7.19	9.55	97.77
SQU-DS	2025-07-22 00:45:00	12.87	28.87	0.35	7.16	9.57	108.38
SQU-DS	2025-07-22 01:00:00	12.81	28.66	0.35	7.19	9.58	103.28
SQU-DS	2025-07-22 01:15:00	12.75	28.68	0.35	7.17	9.58	108.19
SQU-DS	2025-07-22 01:30:00	12.70	28.62	0.35	7.16	9.58	100.35
SQU-DS	2025-07-22 01:45:00	12.65	28.01	0.35	7.14	9.60	110.02
SQU-DS	2025-07-22 02:00:00	12.61	28.29	0.36	7.11	9.61	115.96
SQU-DS	2025-07-22 02:15:00	12.56	28.05	0.36	7.09	9.60	132.51
SQU-DS	2025-07-22 02:30:00	12.51	27.90	0.35	7.13	9.63	110.65
SQU-DS	2025-07-22 02:45:00	12.45	27.98	0.35	7.11	9.64	140.39
SQU-DS	2025-07-22 03:00:00	12.40	27.95	0.35	7.15	9.64	118.02
SQU-DS	2025-07-22 03:15:00	12.34	28.28	0.35	7.10	9.65	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	2025-07-22 03:30:00	12.28	28.55	0.35	7.10	9.67	135.73
SQU-DS	2025-07-22 03:45:00	12.25	28.29	0.35	7.11	9.67	141.46
SQU-DS	2025-07-22 04:00:00	12.19	28.41	0.35	7.15	9.68	127.81
SQU-DS	2025-07-22 04:15:00	12.15	28.26	0.35	7.13	9.69	128.46
SQU-DS	2025-07-22 04:30:00	12.10	27.86	0.35	7.13	9.72	125.63
SQU-DS	2025-07-22 04:45:00	12.05	28.11	0.35	7.10	9.71	129.87
SQU-DS	2025-07-22 05:00:00	12.01	27.73	0.35	7.10	9.71	123.21
SQU-DS	2025-07-22 05:15:00	11.97	27.08	0.35	7.03	9.71	117.39
SQU-DS	2025-07-22 05:30:00	11.93	27.01	0.34	7.06	9.72	119.73
SQU-DS	2025-07-22 05:45:00	11.88	26.83	0.34	7.08	9.72	112.92
SQU-DS	2025-07-22 06:00:00	11.82	26.18	0.34	7.02	9.75	128.49
SQU-DS	2025-07-22 06:15:00	11.79	25.87	0.34	7.08	9.77	116.45
SQU-DS	2025-07-22 06:30:00	11.73	25.67	0.35	7.08	9.79	129.65
SQU-DS	2025-07-22 06:45:00	11.71	25.57	0.35	7.06	9.77	114.72
SQU-DS	2025-07-22 07:00:00	11.69	24.89	0.35	7.05	9.79	122.69
SQU-DS	2025-07-22 07:15:00	11.66	25.06	0.35	7.01	9.81	103.91
SQU-DS	2025-07-22 07:30:00	11.64	25.09	0.35	7.01	9.82	102.35
SQU-DS	2025-07-22 07:45:00	11.65	24.64	0.36	6.91	9.83	117.35
SQU-DS	2025-07-22 08:00:00	11.65	24.62	0.36	6.97	9.82	123.23
SQU-DS	2025-07-22 08:15:00	11.66	24.36	0.36	6.98	9.83	121.73
SQU-DS	2025-07-22 08:30:00	11.67	24.38	0.36	7.05	9.85	109.05
SQU-DS	2025-07-22 08:45:00	11.70	23.93	0.36	7.05	9.86	98.85
SQU-DS	2025-07-22 09:00:00	11.71	24.50	0.37	6.93	9.85	112.80
SQU-DS	2025-07-22 09:15:00	11.76	24.21	0.36	6.99	9.86	105.21
SQU-DS	2025-07-22 09:30:00	11.81	24.18	0.36	7.02	9.87	97.57
SQU-DS	2025-07-22 09:45:00	11.87	24.66	0.36	7.00	9.86	91.47
SQU-DS	2025-07-22 10:00:00	11.93	24.47	0.36	7.03	9.87	94.80
SQU-DS	2025-07-22 10:15:00	11.99	24.60	0.36	7.07	9.87	89.64
SQU-DS	2025-07-22 10:30:00	12.06	24.44	0.36	7.04	9.87	97.17
SQU-DS	2025-07-22 10:45:00	12.12	24.88	0.36	7.02	9.86	96.31
SQU-DS	2025-07-22 11:00:00	12.19	24.59	0.36	7.04	9.87	94.27
SQU-DS	2025-07-22 11:15:00	12.26	24.49	0.36	7.04	9.86	90.72
SQU-DS	2025-07-22 11:30:00	12.33	24.49	0.36	7.06	9.86	83.08
SQU-DS	2025-07-22 11:45:00	12.40	24.71	0.36	7.06	9.87	87.53
SQU-DS	2025-07-22 12:00:00	12.48	24.48	0.36	7.06	9.85	84.35
SQU-DS	2025-07-22 12:15:00	12.56	24.47	0.36	7.02	9.87	79.26
SQU-DS	2025-07-22 12:30:00	12.64	24.78	0.36	7.04	9.85	84.21
SQU-DS	2025-07-22 12:45:00	12.71	25.05	0.36	7.06	9.84	79.92
SQU-DS	2025-07-22 13:00:00	12.78	24.92	0.36	7.09	9.85	77.60
SQU-DS	2025-07-22 13:15:00	12.87	25.08	0.36	7.04	9.84	85.54
SQU-DS	2025-07-22 13:30:00	12.92	25.47	0.36	7.07	9.83	77.01
SQU-DS	2025-07-22 13:45:00	12.99	25.28	0.35	7.09	9.82	80.31
SQU-DS	2025-07-22 14:00:00	13.04	25.51	0.35	7.09	9.82	70.27
SQU-DS	2025-07-22 14:15:00	13.09	25.75	0.35	7.07	9.82	83.69
SQU-DS	2025-07-22 14:30:00	13.12	25.41	0.35	7.10	9.82	82.74
SQU-DS	2025-07-22 14:45:00	13.16	25.65	0.35	7.10	9.81	66.52
SQU-DS	2025-07-22 15:00:00	13.20	25.36	0.35	7.10	9.81	80.11
SQU-DS	2025-07-22 15:15:00	13.23	25.39	0.36	7.10	9.81	69.61
SQU-DS	2025-07-22 15:30:00	13.28	25.31	0.36	7.13	9.80	70.36
SQU-DS	2025-07-22 15:45:00	13.33	25.57	0.36	7.13	9.80	77.62
SQU-DS	2025-07-22 16:00:00	13.37	25.47	0.36	7.18	9.79	69.87
SQU-DS	2025-07-22 16:15:00	13.43	25.48	0.36	7.18	9.80	63.80
SQU-DS	2025-07-22 16:30:00	13.46	25.58	0.36	7.19	9.79	67.34
SQU-DS	2025-07-22 16:45:00	13.52	25.68	0.37	7.16	9.78	65.30
SQU-DS	2025-07-22 17:00:00	13.57	25.70	0.37	7.16	9.77	64.42

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-22 17:15:00	13.62	25.82	0.37	7.14	9.77	65.82
SQU-DS	2025-07-22 17:30:00	13.68	26.08	0.37	7.13	9.75	69.53
SQU-DS	2025-07-22 17:45:00	13.72	26.29	0.37	7.15	9.74	68.09
SQU-DS	2025-07-22 18:00:00	13.75	26.64	0.37	7.12	9.73	69.70
SQU-DS	2025-07-22 18:15:00	13.76	27.15	0.37	7.16	9.71	68.72
SQU-DS	2025-07-22 18:30:00	13.78	27.34	0.37	7.16	9.69	72.84
SQU-DS	2025-07-22 18:45:00	13.80	27.53	0.36	7.16	9.68	71.78
SQU-DS	2025-07-22 19:00:00	13.81	28.21	0.36	7.16	9.65	71.92
SQU-DS	2025-07-22 19:15:00	13.82	28.27	0.36	7.14	9.61	80.87
SQU-DS	2025-07-22 19:30:00	13.83	28.32	0.36	7.14	9.59	77.01
SQU-DS	2025-07-22 19:45:00	13.85	29.14	0.35	7.15	9.56	75.39
SQU-DS	2025-07-22 20:00:00	13.85	28.47	0.35	7.15	9.54	82.59
SQU-DS	2025-07-22 20:15:00	13.85	28.19	0.36	7.10	9.52	81.68
SQU-DS	2025-07-22 20:30:00	13.84	28.22	0.36	7.10	9.50	80.78
SQU-DS	2025-07-22 20:45:00	13.82	28.69	0.35	7.13	9.49	75.51
SQU-DS	2025-07-22 21:00:00	13.81	28.89	0.35	7.12	9.47	80.67
SQU-DS	2025-07-22 21:15:00	13.79	28.63	0.35	7.11	9.47	72.73
SQU-DS	2025-07-22 21:30:00	13.78	28.49	0.35	7.11	9.46	75.72
SQU-DS	2025-07-22 21:45:00	13.79	28.31	0.35	7.07	9.44	74.80
SQU-DS	2025-07-22 22:00:00	13.80	28.41	0.35	7.07	9.43	81.59
SQU-DS	2025-07-22 22:15:00	13.80	27.90	0.35	7.07	9.43	74.46
SQU-DS	2025-07-22 22:30:00	13.79	28.49	0.35	7.04	9.42	71.55
SQU-DS	2025-07-22 22:45:00	13.78	28.05	0.35	7.07	9.42	76.21
SQU-DS	2025-07-22 23:00:00	13.76	27.94	0.35	7.10	9.42	82.48
SQU-DS	2025-07-22 23:15:00	13.72	28.06	0.35	7.05	9.44	77.21
SQU-DS	2025-07-22 23:30:00	13.70	27.83	0.35	7.05	9.43	71.11
SQU-DS	2025-07-22 23:45:00	13.65	27.50	0.35	7.06	9.44	82.57
SQU-DS	2025-07-23 00:00:00	13.61	27.69	0.36	7.05	9.44	77.00
SQU-DS	2025-07-23 00:15:00	13.55	27.40	0.36	7.07	9.45	79.22
SQU-DS	2025-07-23 00:30:00	13.49	27.11	0.36	7.05	9.48	78.89
SQU-DS	2025-07-23 00:45:00	13.42	26.91	0.36	7.06	9.50	80.70
SQU-DS	2025-07-23 01:00:00	13.34	26.99	0.36	7.04	9.50	88.64
SQU-DS	2025-07-23 01:15:00	13.28	26.58	0.36	7.04	9.51	87.52
SQU-DS	2025-07-23 01:30:00	13.20	26.32	0.36	7.01	9.54	91.56
SQU-DS	2025-07-23 01:45:00	13.14	26.24	0.36	7.03	9.54	97.35
SQU-DS	2025-07-23 02:00:00	13.07	26.28	0.36	7.02	9.55	97.37
SQU-DS	2025-07-23 02:15:00	13.00	26.04	0.36	6.99	9.56	104.78
SQU-DS	2025-07-23 02:30:00	12.93	26.02	0.36	7.00	9.57	110.16
SQU-DS	2025-07-23 02:45:00	12.86	26.12	0.36	6.98	9.59	103.33
SQU-DS	2025-07-23 03:00:00	12.79	25.90	0.36	6.98	9.60	103.99
SQU-DS	2025-07-23 03:15:00	12.72	26.00	0.37	6.95	9.62	114.85
SQU-DS	2025-07-23 03:30:00	12.65	26.10	0.36	6.97	9.64	122.36
SQU-DS	2025-07-23 03:45:00	12.58	25.91	0.36	6.96	9.66	118.46
SQU-DS	2025-07-23 04:00:00	12.52	25.77	0.37	6.96	9.66	122.00
SQU-DS	2025-07-23 04:15:00	12.46	26.00	0.37	6.98	9.66	108.57
SQU-DS	2025-07-23 04:30:00	12.41	25.61	0.36	6.96	9.69	106.87
SQU-DS	2025-07-23 04:45:00	12.33	25.63	0.37	6.91	9.70	115.34
SQU-DS	2025-07-23 05:00:00	12.26	25.48	0.37	6.94	9.71	107.34
SQU-DS	2025-07-23 05:15:00	12.20	25.24	0.36	6.94	9.72	100.82
SQU-DS	2025-07-23 05:30:00	12.14	25.15	0.36	6.94	9.72	95.82
SQU-DS	2025-07-23 05:45:00	12.09	25.07	0.36	7.03	9.74	86.65
SQU-DS	2025-07-23 06:00:00	12.04	24.90	0.35	7.05	9.73	75.56
SQU-DS	2025-07-23 06:15:00	12.00	24.64	0.35	7.08	9.74	83.71
SQU-DS	2025-07-23 06:30:00	11.98	24.57	0.34	7.09	9.75	72.41
SQU-DS	2025-07-23 06:45:00	11.96	24.43	0.34	7.09	9.75	72.06

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-23 07:00:00	11.96	23.94	0.34	7.09	9.75	74.41
SQU-DS	2025-07-23 07:15:00	11.95	23.70	0.34	7.08	9.77	63.17
SQU-DS	2025-07-23 07:30:00	11.94	23.89	0.34	7.08	9.77	57.04
SQU-DS	2025-07-23 07:45:00	11.93	23.71	0.34	7.07	9.77	52.77
SQU-DS	2025-07-23 08:00:00	11.95	23.73	0.35	7.06	9.77	52.88
SQU-DS	2025-07-23 08:15:00	11.96	23.53	0.35	7.05	9.78	52.10
SQU-DS	2025-07-23 08:30:00	11.97	23.37	0.35	7.04	9.79	45.06
SQU-DS	2025-07-23 08:45:00	12.00	23.38	0.35	7.03	9.80	35.72
SQU-DS	2025-07-23 09:00:00	12.03	23.67	0.35	7.02	9.79	29.25
SQU-DS	2025-07-23 09:15:00	12.07	23.53	0.35	7.01	9.79	27.00
SQU-DS	2025-07-23 09:30:00	12.12	23.39	0.36	7.00	9.79	19.51
SQU-DS	2025-07-23 09:45:00	12.17	23.67	0.36	6.98	9.80	20.23
SQU-DS	2025-07-23 10:00:00	12.24	23.42	0.36	6.97	9.80	12.43
SQU-DS	2025-07-23 10:15:00	12.30	23.76	0.36	6.96	9.79	5.32
SQU-DS	2025-07-23 10:30:00	12.38	24.33	0.36	6.95	9.79	0.00
SQU-DS	2025-07-23 10:45:00	12.45	24.28	0.37	6.94	9.79	0.00
SQU-DS	2025-07-23 11:00:00	12.50	24.05	0.37	6.93	9.79	0.00
SQU-DS	2025-07-23 11:15:00	12.56	24.23	0.37	6.92	9.79	0.00
SQU-DS	2025-07-23 11:30:00	12.65	24.22	0.37	6.91	9.79	0.00
SQU-DS	2025-07-23 11:45:00	12.73	24.54	0.37	6.89	9.78	0.00
SQU-DS	2025-07-23 12:00:00	12.81	24.43	0.37	6.88	9.79	0.00
SQU-DS	2025-07-23 12:15:00	12.86	24.39	0.37	6.87	9.78	0.00
SQU-DS	2025-07-23 12:30:00	12.94	24.40	0.37	6.86	9.77	0.00
SQU-DS	2025-07-23 12:45:00	13.04	24.49	0.37	6.85	9.77	0.00
SQU-DS	2025-07-23 13:00:00	13.11	24.49	0.37	6.84	9.74	0.00
SQU-DS	2025-07-23 13:15:00	13.18	24.77	0.37	6.83	9.75	0.00
SQU-DS	2025-07-23 13:30:00	13.23	25.18	0.37	6.82	9.72	0.00
SQU-DS	2025-07-23 13:45:00	13.27	24.97	0.37	6.81	9.69	0.00
SQU-DS	2025-07-23 14:00:00	13.29	24.79	0.37	6.80	9.71	0.00
SQU-DS	2025-07-23 14:15:00	13.34	25.30	0.37	6.79	9.71	0.00
SQU-DS	2025-07-23 14:30:00	13.41	25.51	0.37	6.78	9.67	0.00
SQU-DS	2025-07-23 14:45:00	13.47	25.35	0.37	6.77	9.66	0.00
SQU-DS	2025-07-23 15:00:00	13.57	25.28	0.37	6.76	9.65	0.00
SQU-DS	2025-07-23 15:15:00	13.63	25.45	0.37	6.75	9.62	0.00
SQU-DS	2025-07-23 15:30:00	13.70	25.61	0.37	6.74	9.58	0.00
SQU-DS	2025-07-23 15:45:00	13.75	26.03	0.36	6.74	9.55	0.00
SQU-DS	2025-07-23 16:00:00	13.78	25.65	0.36	6.73	9.53	0.00
SQU-DS	2025-07-23 16:15:00	13.83	25.13	0.36	6.72	9.53	0.00
SQU-DS	2025-07-23 16:30:00	13.85	24.94	0.36	6.71	9.53	0.00
SQU-DS	2025-07-23 16:45:00	13.86	24.97	0.36	6.71	9.53	0.00
SQU-DS	2025-07-23 17:00:00	13.87	25.05	0.36	6.70	9.50	0.00
SQU-DS	2025-07-23 17:15:00	13.88	24.99	0.36	6.69	9.40	0.00
SQU-DS	2025-07-23 17:30:00	13.91	24.95	0.36	6.68	9.38	0.00
SQU-DS	2025-07-23 17:45:00	13.96	25.25	0.36	6.68	9.33	0.00
SQU-DS	2025-07-23 18:00:00	14.01	25.06	0.36	6.67	9.39	0.00
SQU-DS	2025-07-23 18:15:00	14.05	25.11	0.36	6.66	9.35	0.00
SQU-DS	2025-07-23 18:30:00	14.09	25.60	0.36	6.65	9.33	0.00
SQU-DS	2025-07-23 18:45:00	14.10	25.93	0.35	6.65	9.39	0.00
SQU-DS	2025-07-23 19:00:00	14.11	25.89	0.35	6.64	9.38	0.00
SQU-DS	2025-07-23 19:15:00	14.10	26.69	0.35	6.63	9.30	0.00
SQU-DS	2025-07-23 19:30:00	14.09	27.05	0.35	6.63	9.32	0.00
SQU-DS	2025-07-23 19:45:00	14.06	28.05	0.35	6.62	9.32	0.00
SQU-DS	2025-07-23 20:00:00	14.01	28.19	0.35	6.62	9.24	0.00
SQU-DS	2025-07-23 20:15:00	13.98	28.31	0.35	6.61	9.27	0.00
SQU-DS	2025-07-23 20:30:00	13.95	28.76	0.35	6.61	9.16	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	2025-07-23 20:45:00	13.92	28.29	0.35	6.60	9.18	0.00
SQU-DS	2025-07-23 21:00:00	13.90	28.75	0.34	6.60	9.16	0.00
SQU-DS	2025-07-23 21:15:00	13.89	28.18	0.34	6.59	9.01	0.00
SQU-DS	2025-07-23 21:30:00	13.87	28.36	0.34	6.59	8.82	0.00
SQU-DS	2025-07-23 21:45:00	13.86	28.26	0.34	6.58	8.67	0.00
SQU-DS	2025-07-23 22:00:00	13.84	28.27	0.34	6.58	8.51	0.00
SQU-DS	2025-07-23 22:15:00	13.83	27.72	0.34	6.58	8.35	0.00
SQU-DS	2025-07-23 22:30:00	13.80	27.89	0.34	6.58	8.19	0.00
SQU-DS	2025-07-23 22:45:00	13.75	27.23	0.33	6.57	8.11	0.00
SQU-DS	2025-07-23 23:00:00	13.71	27.06	0.33	6.57	8.03	0.00
SQU-DS	2025-07-23 23:15:00	13.67	26.54	0.33	6.57	7.95	0.00
SQU-DS	2025-07-23 23:30:00	13.62	26.45	0.33	6.57	7.75	0.00
SQU-DS	2025-07-23 23:45:00	13.56	26.15	0.33	6.57	7.65	0.00
SQU-DS	2025-07-24 00:00:00	13.49	26.04	0.32	6.57	7.46	0.00
SQU-DS	2025-07-24 00:15:00	13.39	25.20	0.32	6.56	7.15	0.00
SQU-DS	2025-07-24 00:30:00	13.29	25.20	0.32	6.56	6.73	0.00
SQU-DS	2025-07-24 00:45:00	13.18	25.03	0.31	6.56	6.37	0.00
SQU-DS	2025-07-24 01:00:00	13.10	24.88	0.31	6.56	6.05	0.00
SQU-DS	2025-07-24 01:15:00	13.00	24.46	0.31	6.56	5.76	0.00
SQU-DS	2025-07-24 01:30:00	12.91	24.41	0.30	6.56	5.48	0.00
SQU-DS	2025-07-24 01:45:00	12.84	24.51	0.30	6.56	5.19	0.00
SQU-DS	2025-07-24 02:00:00	12.76	24.36	0.29	6.56	4.73	0.00
SQU-DS	2025-07-24 02:15:00	12.69	23.85	0.29	6.56	4.37	0.00
SQU-DS	2025-07-24 02:30:00	12.63	23.59	0.29	6.56	4.06	0.00
SQU-DS	2025-07-24 02:45:00	12.56	23.16	0.28	6.55	3.83	0.00
SQU-DS	2025-07-24 03:00:00	12.50	23.02	0.28	6.55	3.58	0.00
SQU-DS	2025-07-24 03:15:00	12.43	22.86	0.27	6.55	3.39	0.00
SQU-DS	2025-07-24 03:30:00	12.37	23.02	0.27	6.55	3.14	0.00
SQU-DS	2025-07-24 03:45:00	12.30	22.98	0.27	6.55	2.88	0.00
SQU-DS	2025-07-24 04:00:00	12.23	22.62	0.26	6.55	2.72	0.00
SQU-DS	2025-07-24 04:15:00	12.17	23.20	0.26	6.55	2.69	0.00
SQU-DS	2025-07-24 04:30:00	12.12	23.17	0.26	6.55	2.72	0.00
SQU-DS	2025-07-24 04:45:00	12.07	23.46	0.25	6.55	2.73	0.00
SQU-DS	2025-07-24 05:00:00	12.02	23.17	0.25	6.55	2.66	0.00
SQU-DS	2025-07-24 05:15:00	11.99	23.16	0.25	6.55	2.46	0.00
SQU-DS	2025-07-24 05:30:00	11.96	23.18	0.24	6.55	2.42	0.00
SQU-DS	2025-07-24 05:45:00	11.94	22.88	0.24	6.55	2.37	0.00
SQU-DS	2025-07-24 06:00:00	11.91	22.94	0.24	6.56	2.35	0.00
SQU-DS	2025-07-24 06:15:00	11.89	23.31	0.23	6.56	2.34	0.00
SQU-DS	2025-07-24 06:30:00	11.86	22.83	0.23	6.56	2.32	0.00
SQU-DS	2025-07-24 06:45:00	11.84	22.86	0.23	6.56	2.26	0.00
SQU-DS	2025-07-24 07:00:00	11.81	22.97	0.22	6.56	2.19	0.00
SQU-DS	2025-07-24 07:15:00	11.80	23.32	0.22	6.56	2.10	0.00
SQU-DS	2025-07-24 07:30:00	11.79	22.62	0.21	6.56	2.01	0.00
SQU-DS	2025-07-24 07:45:00	11.79	22.26	0.21	6.57	1.93	0.00
SQU-DS	2025-07-24 08:00:00	11.80	21.81	0.21	6.56	1.86	0.00
SQU-DS	2025-07-24 08:15:00	11.81	21.34	0.20	6.56	1.80	0.00
SQU-DS	2025-07-24 08:30:00	11.83	21.56	0.20	6.56	1.75	0.00
SQU-DS	2025-07-24 08:45:00	11.85	21.29	0.19	6.56	1.72	0.00
SQU-DS	2025-07-24 09:00:00	11.88	21.50	0.19	6.56	1.70	0.00
SQU-DS	2025-07-24 09:15:00	11.92	21.79	0.19	6.56	1.69	0.00
SQU-DS	2025-07-24 09:30:00	11.97	22.27	0.18	6.56	1.68	0.00
SQU-DS	2025-07-24 09:45:00	12.01	22.31	0.18	6.56	1.66	0.00
SQU-DS	2025-07-24 10:00:00	12.07	22.16	0.18	6.56	1.64	0.00
SQU-DS	2025-07-24 10:15:00	12.13	22.41	0.17	6.56	1.62	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	2025-07-24 10:30:00	12.21	22.48	0.17	6.57	1.58	0.00
SQU-DS	2025-07-24 10:45:00	12.27	22.49	0.17	6.57	1.54	0.00
SQU-DS	2025-07-24 11:00:00	12.33	22.96	0.16	6.57	1.50	0.00
SQU-DS	2025-07-24 11:15:00	12.40	23.20	0.16	6.57	1.45	0.00
SQU-DS	2025-07-24 11:30:00	12.44	23.06	0.16	6.57	1.39	0.00
SQU-DS	2025-07-24 11:45:00	12.51	23.25	0.15	6.57	1.33	0.00
SQU-DS	2025-07-24 12:00:00	12.61	23.77	0.15	6.57	1.27	0.00
SQU-DS	2025-07-24 12:15:00	12.66	24.38	0.15	6.57	1.20	0.00
SQU-DS	2025-07-24 12:30:00	12.74	25.12	0.15	6.57	1.12	0.00
SQU-DS	2025-07-24 12:45:00	12.83	24.72	0.14	6.57	1.03	0.00
SQU-DS	2025-07-24 13:00:00	12.88	24.97	0.14	6.57	0.94	0.00
SQU-DS	2025-07-24 13:15:00	12.92	25.02	0.14	6.57	0.84	0.00
SQU-DS	2025-07-24 13:30:00	12.93	24.79	0.14	6.57	0.75	0.00
SQU-DS	2025-07-24 13:45:00	12.98	25.27	0.13	6.57	0.67	0.00
SQU-DS	2025-07-24 14:00:00	13.04	25.33	0.13	6.57	0.59	0.00
SQU-DS	2025-07-24 14:15:00	13.11	25.30	0.13	6.57	0.51	0.00
SQU-DS	2025-07-24 14:30:00	13.19	25.93	0.13	6.56	0.43	0.00
SQU-DS	2025-07-24 14:45:00	13.31	26.15	0.12	6.56	0.36	0.00
SQU-DS	2025-07-24 15:00:00	13.39	26.16	0.12	6.56	0.29	0.00
SQU-DS	2025-07-24 15:15:00	13.48	26.26	0.12	6.56	0.22	0.00
SQU-DS	2025-07-24 15:30:00	13.55	26.10	0.12	6.56	0.17	0.00
SQU-DS	2025-07-24 15:45:00	13.62	26.50	0.12	6.56	0.12	0.00
SQU-DS	2025-07-24 16:00:00	13.67	26.57	0.11	6.56	0.09	0.00
SQU-DS	2025-07-24 16:15:00	13.71	26.80	0.11	6.56	0.06	0.00
SQU-DS	2025-07-24 16:30:00	13.74	27.62	0.11	6.56	0.04	0.00
SQU-DS	2025-07-24 16:45:00	13.76	27.78	0.11	6.56	0.03	0.00
SQU-DS	2025-07-24 17:00:00	13.78	28.99	0.11	6.55	0.01	0.00
SQU-DS	2025-07-24 17:15:00	13.81	27.62	0.10	6.55	0.00	0.00
SQU-DS	2025-07-24 17:30:00	13.84	27.43	0.10	6.55	0.00	0.00
SQU-DS	2025-07-24 17:45:00	13.88	27.34	0.10	6.55	0.00	0.00
SQU-DS	2025-07-24 18:00:00	13.90	29.31	0.10	6.55	0.00	0.00
SQU-DS	2025-07-24 18:15:00	13.91	28.39	0.09	6.55	0.00	0.00
SQU-DS	2025-07-24 18:30:00	13.92	28.72	0.09	6.55	0.00	0.00
SQU-DS	2025-07-24 18:45:00	13.90	28.37	0.09	6.55	0.00	0.00
SQU-DS	2025-07-24 19:00:00	13.88	28.38	0.09	6.55	0.00	0.00
SQU-DS	2025-07-24 19:15:00	13.85	26.99	0.08	6.55	0.00	0.00
SQU-DS	2025-07-24 19:30:00	13.83	29.10	0.08	6.55	0.00	0.00
SQU-DS	2025-07-24 19:45:00	13.82	27.86	0.08	6.55	0.00	0.00
SQU-DS	2025-07-24 20:00:00	13.80	29.28	0.08	6.55	0.00	0.00
SQU-DS	2025-07-24 20:15:00	13.79	27.92	0.07	6.55	0.00	0.00
SQU-DS	2025-07-24 20:30:00	13.79	28.04	0.07	6.55	0.00	0.00
SQU-DS	2025-07-24 20:45:00	13.80	28.10	0.07	6.55	0.00	0.00
SQU-DS	2025-07-24 21:00:00	13.81	28.20	0.07	6.55	0.00	0.00
SQU-DS	2025-07-24 21:15:00	13.82	29.12	0.06	6.55	0.20	0.00
SQU-DS	2025-07-24 21:30:00	13.83	28.35	0.06	6.55	0.38	0.00
SQU-DS	2025-07-24 21:45:00	13.85	28.11	0.06	6.55	0.52	0.00
SQU-DS	2025-07-24 22:00:00	13.85	28.61	0.06	6.55	0.56	0.00
SQU-DS	2025-07-24 22:15:00	13.87	30.75	0.05	6.55	0.57	0.00
SQU-DS	2025-07-24 22:30:00	13.87	29.67	0.05	6.56	0.58	0.00
SQU-DS	2025-07-24 22:45:00	13.87	28.43	0.05	6.56	0.48	0.00
SQU-DS	2025-07-24 23:00:00	13.86	28.96	0.05	6.56	0.35	0.00
SQU-DS	2025-07-24 23:15:00	13.83	29.34	0.05	6.55	0.24	0.00
SQU-DS	2025-07-24 23:30:00	13.78	28.99	0.04	6.55	0.17	0.00
SQU-DS	2025-07-24 23:45:00	13.73	28.80	0.04	6.55	0.15	0.00
SQU-DS	2025-07-25 00:00:00	13.68	28.27	0.04	6.55	0.13	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	2025-07-25 00:15:00	13.62	28.94	0.03	6.55	0.11	0.00
SQU-DS	2025-07-25 00:30:00	13.58	28.00	0.03	6.54	0.10	0.00
SQU-DS	2025-07-25 00:45:00	13.53	27.64	0.03	6.54	0.09	0.00
SQU-DS	2025-07-25 01:00:00	13.49	27.26	0.03	6.54	0.07	0.00
SQU-DS	2025-07-25 01:15:00	13.45	27.39	0.02	6.54	0.06	0.00
SQU-DS	2025-07-25 01:30:00	13.40	27.25	0.02	6.54	0.05	0.00
SQU-DS	2025-07-25 01:45:00	13.36	27.35	0.02	6.54	0.04	0.00
SQU-DS	2025-07-25 02:00:00	13.31	27.06	0.01	6.54	0.03	0.00
SQU-DS	2025-07-25 02:15:00	13.26	27.29	0.01	6.54	0.02	0.00
SQU-DS	2025-07-25 02:30:00	13.21	27.27	0.01	6.54	0.01	0.00
SQU-DS	2025-07-25 02:45:00	13.14	27.36	0.00	6.54	0.00	0.00
SQU-DS	2025-07-25 03:00:00	13.09	27.42	0.00	6.54	0.00	0.00
SQU-DS	2025-07-25 03:15:00	13.03	27.51	0.00	6.54	0.00	0.00
SQU-DS	2025-07-25 03:30:00	12.97	27.57	0.00	6.54	0.00	0.00
SQU-DS	2025-07-25 03:45:00	12.92	27.50	-0.01	6.54	0.00	0.00
SQU-DS	2025-07-25 04:00:00	12.87	28.07	-0.01	6.54	0.00	0.00
SQU-DS	2025-07-25 04:15:00	12.81	28.09	-0.01	6.54	0.00	0.00
SQU-DS	2025-07-25 04:30:00	12.75	27.96	-0.02	6.54	0.00	0.00
SQU-DS	2025-07-25 04:45:00	12.69	27.73	-0.02	6.54	0.00	0.00
SQU-DS	2025-07-25 05:00:00	12.62	27.81	-0.02	6.55	0.00	0.00
SQU-DS	2025-07-25 05:15:00	12.57	28.13	-0.02	6.54	0.00	0.00
SQU-DS	2025-07-25 05:30:00	12.51	28.11	-0.03	6.55	0.00	0.00
SQU-DS	2025-07-25 05:45:00	12.47	28.21	-0.03	6.54	0.00	0.00
SQU-DS	2025-07-25 06:00:00	12.43	28.27	-0.03	6.55	0.00	0.00
SQU-DS	2025-07-25 06:15:00	12.40	28.25	-0.04	6.55	0.00	0.00
SQU-DS	2025-07-25 06:30:00	12.36	27.93	-0.04	6.55	0.00	0.00
SQU-DS	2025-07-25 06:45:00	12.34	28.53	-0.04	6.55	0.00	0.00
SQU-DS	2025-07-25 07:00:00	12.31	28.13	-0.05	6.56	0.00	0.00
SQU-DS	2025-07-25 07:15:00	12.28	28.23	-0.05	6.56	0.00	0.00
SQU-DS	2025-07-25 07:30:00	12.25	28.18	-0.05	6.57	0.00	0.00
SQU-DS	2025-07-25 07:45:00	12.22	28.38	-0.06	6.57	0.00	0.00
SQU-DS	2025-07-25 08:00:00	12.19	28.51	-0.06	6.57	0.00	0.00
SQU-DS	2025-07-25 08:15:00	12.17	28.52	-0.06	6.57	0.00	0.00
SQU-DS	2025-07-25 08:30:00	12.16	28.74	-0.07	6.57	0.00	0.00
SQU-DS	2025-07-25 08:45:00	12.13	28.78	-0.07	6.57	0.00	0.00
SQU-DS	2025-07-25 09:00:00	12.13	28.91	-0.08	6.57	0.00	0.00
SQU-DS	2025-07-25 09:15:00	12.14	29.02	-0.08	6.57	0.00	0.00
SQU-DS	2025-07-25 09:30:00	12.15	29.22	-0.09	6.57	0.00	0.00
SQU-DS	2025-07-25 09:45:00	12.15	29.34	-0.09	6.57	0.00	0.00
SQU-DS	2025-07-25 10:00:00	12.16	29.47	-0.10	6.57	0.00	0.00
SQU-DS	2025-07-25 10:15:00	12.19	29.71	-0.10	6.57	0.00	0.00
SQU-DS	2025-07-25 10:30:00	12.22	29.89	-0.11	6.57	0.00	0.00
SQU-DS	2025-07-25 10:45:00	12.26	22.76	0.34	7.07	9.69	162.93
SQU-DS	2025-07-25 11:00:00	12.29	22.82	0.36	7.08	9.78	144.96
SQU-DS	2025-07-25 11:15:00	12.34	22.83	0.37	7.08	9.79	185.88
SQU-DS	2025-07-25 11:30:00	12.45	22.46	0.37	7.09	9.81	147.91
SQU-DS	2025-07-25 11:45:00	12.55	22.61	0.37	7.11	9.81	147.44
SQU-DS	2025-07-25 12:00:00	12.64	22.78	0.38	7.08	9.83	161.51
SQU-DS	2025-07-25 12:15:00	12.67	22.67	0.38	7.10	9.83	163.44
SQU-DS	2025-07-25 12:30:00	12.70	22.77	0.38	7.12	9.83	165.92
SQU-DS	2025-07-25 12:45:00	12.75	22.97	0.38	7.14	9.83	164.05
SQU-DS	2025-07-25 13:00:00	12.80	22.87	0.38	7.10	9.84	137.84
SQU-DS	2025-07-25 13:15:00	12.87	23.03	0.38	7.11	9.83	121.66
SQU-DS	2025-07-25 13:30:00	12.89	23.09	0.38	7.12	9.86	142.62
SQU-DS	2025-07-25 13:45:00	12.89	23.05	0.38	7.11	9.86	137.43

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-25 14:00:00	12.98	23.21	0.38	7.12	9.83	136.38
SQU-DS	2025-07-25 14:15:00	13.05	23.43	0.38	7.14	9.83	129.09
SQU-DS	2025-07-25 14:30:00	13.07	23.67	0.38	7.13	9.81	131.16
SQU-DS	2025-07-25 14:45:00	13.13	23.81	0.38	7.13	9.81	130.34
SQU-DS	2025-07-25 15:00:00	13.24	24.10	0.38	7.15	9.82	112.28
SQU-DS	2025-07-25 15:15:00	13.30	24.14	0.38	7.14	9.81	114.82
SQU-DS	2025-07-25 15:30:00	13.30	24.21	0.38	7.15	9.79	124.40
SQU-DS	2025-07-25 15:45:00	13.33	24.48	0.39	7.12	9.78	104.33
SQU-DS	2025-07-25 16:00:00	13.37	24.09	0.38	7.18	9.79	108.80
SQU-DS	2025-07-25 16:15:00	13.37	24.17	0.38	7.17	9.79	129.99
SQU-DS	2025-07-25 16:30:00	13.40	24.42	0.38	7.17	9.78	105.02
SQU-DS	2025-07-25 16:45:00	13.43	24.66	0.38	7.18	9.77	111.96
SQU-DS	2025-07-25 17:00:00	13.44	24.64	0.38	7.16	9.77	108.12
SQU-DS	2025-07-25 17:15:00	13.45	24.82	0.38	7.14	9.77	91.99
SQU-DS	2025-07-25 17:30:00	13.47	24.94	0.38	7.17	9.76	112.62
SQU-DS	2025-07-25 17:45:00	13.53	24.86	0.38	7.19	9.75	103.54
SQU-DS	2025-07-25 18:00:00	13.56	25.25	0.38	7.20	9.74	104.26
SQU-DS	2025-07-25 18:15:00	13.58	25.09	0.38	7.20	9.74	110.72
SQU-DS	2025-07-25 18:30:00	13.59	24.89	0.38	7.22	9.72	74.68
SQU-DS	2025-07-25 18:45:00	13.61	25.07	0.39	7.17	9.72	96.70
SQU-DS	2025-07-25 19:00:00	13.62	25.29	0.38	7.20	9.71	108.23
SQU-DS	2025-07-25 19:15:00	13.62	25.24	0.39	7.21	9.71	94.23
SQU-DS	2025-07-25 19:30:00	13.61	25.51	0.39	7.22	9.70	105.69
SQU-DS	2025-07-25 19:45:00	13.58	25.67	0.39	7.20	9.67	98.52
SQU-DS	2025-07-25 20:00:00	13.54	25.81	0.39	7.21	9.67	90.46
SQU-DS	2025-07-25 20:15:00	13.50	25.48	0.39	7.22	9.66	101.86
SQU-DS	2025-07-25 20:30:00	13.45	25.81	0.39	7.20	9.65	140.19
SQU-DS	2025-07-25 20:45:00	13.41	26.27	0.39	7.19	9.64	115.26
SQU-DS	2025-07-25 21:00:00	13.39	27.06	0.38	7.22	9.63	90.73
SQU-DS	2025-07-25 21:15:00	13.41	26.63	0.38	7.20	9.61	115.09
SQU-DS	2025-07-25 21:30:00	13.41	27.43	0.38	7.18	9.60	106.89
SQU-DS	2025-07-25 21:45:00	13.41	28.07	0.38	7.18	9.58	117.45
SQU-DS	2025-07-25 22:00:00	13.41	27.91	0.38	7.17	9.58	97.67
SQU-DS	2025-07-25 22:15:00	13.38	28.09	0.38	7.19	9.57	88.65
SQU-DS	2025-07-25 22:30:00	13.36	27.76	0.38	7.18	9.57	86.67
SQU-DS	2025-07-25 22:45:00	13.34	27.82	0.38	7.18	9.56	113.19
SQU-DS	2025-07-25 23:00:00	13.30	27.85	0.38	7.18	9.56	102.54
SQU-DS	2025-07-25 23:15:00	13.27	27.71	0.38	7.18	9.56	92.17
SQU-DS	2025-07-25 23:30:00	13.23	27.56	0.37	7.16	9.55	80.42
SQU-DS	2025-07-25 23:45:00	13.20	27.95	0.37	7.12	9.54	94.96
SQU-DS	2025-07-26 00:00:00	13.16	27.66	0.37	7.05	9.55	92.03
SQU-DS	2025-07-26 00:15:00	13.12	27.65	0.36	7.10	9.55	99.97
SQU-DS	2025-07-26 00:30:00	13.06	27.29	0.36	7.16	9.56	133.99
SQU-DS	2025-07-26 00:45:00	13.01	27.27	0.36	7.07	9.57	105.99
SQU-DS	2025-07-26 01:00:00	12.95	26.96	0.36	7.11	9.57	97.19
SQU-DS	2025-07-26 01:15:00	12.85	27.01	0.36	7.08	9.59	93.66
SQU-DS	2025-07-26 01:30:00	12.77	26.53	0.36	7.11	9.60	124.75
SQU-DS	2025-07-26 01:45:00	12.68	26.49	0.37	6.95	9.62	116.49
SQU-DS	2025-07-26 02:00:00	12.59	26.15	0.37	6.97	9.63	123.39
SQU-DS	2025-07-26 02:15:00	12.50	26.04	0.36	7.12	9.65	186.75
SQU-DS	2025-07-26 02:30:00	12.42	25.91	0.37	7.11	9.66	122.54
SQU-DS	2025-07-26 02:45:00	12.36	25.78	0.37	7.10	9.67	114.88
SQU-DS	2025-07-26 03:00:00	12.29	25.88	0.36	7.13	9.69	132.39
SQU-DS	2025-07-26 03:15:00	12.23	25.98	0.37	7.03	9.70	117.36
SQU-DS	2025-07-26 03:30:00	12.19	25.70	0.37	7.03	9.70	118.98

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-26 03:45:00	12.13	25.44	0.37	7.10	9.73	106.58
SQU-DS	2025-07-26 04:00:00		25.59		7.12	9.73	
SQU-DS	2025-07-26 04:15:00	12.02	25.52	0.38	7.10	9.75	136.41
SQU-DS	2025-07-26 04:30:00	11.96	25.09	0.38	7.11	9.78	138.90
SQU-DS	2025-07-26 04:45:00	11.90	25.07	0.38	7.09	9.78	162.02
SQU-DS	2025-07-26 05:00:00	11.84	24.96	0.38	7.05	9.79	119.46
SQU-DS	2025-07-26 05:15:00	11.77	24.72	0.39	7.00	9.82	124.31
SQU-DS	2025-07-26 05:30:00	11.72	24.60	0.38	7.11	9.83	131.68
SQU-DS	2025-07-26 05:45:00	11.67	24.42	0.38	7.12	9.84	128.92
SQU-DS	2025-07-26 06:00:00	11.61	24.34	0.38	7.10	9.86	209.96
SQU-DS	2025-07-26 06:15:00	11.58	24.20	0.38	7.12	9.86	126.62
SQU-DS	2025-07-26 06:30:00	11.54	24.35	0.39	7.07	9.86	162.32
SQU-DS	2025-07-26 06:45:00	11.51	24.37	0.38	7.11	9.87	123.60
SQU-DS	2025-07-26 07:00:00	11.49	24.66	0.38	7.12	9.88	158.80
SQU-DS	2025-07-26 07:15:00	11.47	24.25	0.39	7.07	9.88	124.61
SQU-DS	2025-07-26 07:30:00	11.45	24.58	0.38	7.10	9.89	140.48
SQU-DS	2025-07-26 07:45:00	11.43	24.70	0.37	7.08	9.89	133.84
SQU-DS	2025-07-26 08:00:00	11.42	24.88	0.36	7.08	9.88	162.81
SQU-DS	2025-07-26 08:15:00	11.42	24.94	0.36	7.08	9.87	132.52
SQU-DS	2025-07-26 08:30:00	11.40	25.19	0.35	6.93	9.88	116.85
SQU-DS	2025-07-26 08:45:00	11.40	25.10	0.36	6.99	9.87	136.04
SQU-DS	2025-07-26 09:00:00	11.39	24.84	0.36	6.93	9.88	119.27
SQU-DS	2025-07-26 09:15:00	11.40	24.97	0.35	7.00	9.89	164.61
SQU-DS	2025-07-26 09:30:00	11.40	25.03	0.35	7.03	9.90	137.90
SQU-DS	2025-07-26 09:45:00	11.41	25.08	0.36	6.94	9.89	111.56
SQU-DS	2025-07-26 10:00:00	11.42	24.69	0.36	6.93	9.90	138.47
SQU-DS	2025-07-26 10:15:00	11.43	25.31	0.35	7.02	9.91	101.99
SQU-DS	2025-07-26 10:30:00	11.45	24.70	0.35	6.97	9.92	114.49
SQU-DS	2025-07-26 10:45:00	11.48	25.05	0.35	7.03	9.92	106.15
SQU-DS	2025-07-26 11:00:00	11.54	25.50	0.35	7.00	9.93	143.17
SQU-DS	2025-07-26 11:15:00	11.60	25.59	0.35	7.02	9.91	119.28
SQU-DS	2025-07-26 11:30:00	11.61	25.55	0.36	7.00	9.93	105.83
SQU-DS	2025-07-26 11:45:00	11.62	25.42	0.35	6.99	9.94	103.05
SQU-DS	2025-07-26 12:00:00	11.63	25.45	0.36	7.00	9.94	109.85
SQU-DS	2025-07-26 12:15:00	11.62	25.78	0.35	7.04	9.96	187.02
SQU-DS	2025-07-26 12:30:00	11.60	25.84	0.35	7.03	9.93	104.28
SQU-DS	2025-07-26 12:45:00	11.59	26.24	0.35	7.00	9.95	98.26
SQU-DS	2025-07-26 13:00:00	11.59	26.11	0.36	6.98	9.93	98.12
SQU-DS	2025-07-26 13:15:00	11.60	26.78	0.36	6.97	9.94	105.53
SQU-DS	2025-07-26 13:30:00	11.63	26.04	0.35	7.00	9.95	103.32
SQU-DS	2025-07-26 13:45:00	11.70	26.75	0.36	7.02	9.92	84.40
SQU-DS	2025-07-26 14:00:00	11.83	26.71	0.36	6.94	9.96	93.95
SQU-DS	2025-07-26 14:15:00	11.95	26.74	0.36	6.95	9.94	91.98
SQU-DS	2025-07-26 14:30:00	12.04	26.56	0.36	6.99	9.94	95.86
SQU-DS	2025-07-26 14:45:00	12.12	26.77	0.36	7.01	9.96	97.27
SQU-DS	2025-07-26 15:00:00	12.19	26.92	0.36	7.05	9.92	77.92
SQU-DS	2025-07-26 15:15:00	12.27	26.87	0.36	7.02	9.93	93.48
SQU-DS	2025-07-26 15:30:00	12.35	27.21	0.36	7.05	9.91	96.66
SQU-DS	2025-07-26 15:45:00	12.41	27.16	0.36	7.02	9.90	92.26
SQU-DS	2025-07-26 16:00:00	12.48	27.18	0.36	6.99	9.89	90.70
SQU-DS	2025-07-26 16:15:00	12.55	27.40	0.36	7.00	9.89	74.70
SQU-DS	2025-07-26 16:30:00	12.59	27.83	0.36	7.02	9.85	99.12
SQU-DS	2025-07-26 16:45:00	12.62	28.00	0.36	7.02	9.85	83.60

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-26 17:00:00	12.63	28.52	0.36	7.02	9.85	89.08
SQU-DS	2025-07-26 17:15:00	12.62	28.43	0.36	7.04	9.84	86.02
SQU-DS	2025-07-26 17:30:00	12.59	28.33	0.36	7.01	9.84	99.44
SQU-DS	2025-07-26 17:45:00	12.56	28.06	0.36	7.09	9.85	90.15
SQU-DS	2025-07-26 18:00:00	12.56	28.12	0.36	7.09	9.86	85.05
SQU-DS	2025-07-26 18:15:00	12.53	27.82	0.37	7.05	9.85	85.47
SQU-DS	2025-07-26 18:30:00	12.54	27.73	0.36	7.12	9.88	75.06
SQU-DS	2025-07-26 18:45:00	12.53	27.61	0.37	7.14	9.88	80.71
SQU-DS	2025-07-26 19:00:00	12.49	27.14	0.37	7.12	9.87	74.07
SQU-DS	2025-07-26 19:15:00	12.46	27.19	0.37	7.17	9.87	90.48
SQU-DS	2025-07-26 19:30:00	12.46	27.16	0.38	7.15	9.86	91.93
SQU-DS	2025-07-26 19:45:00	12.45	26.81	0.38	7.13	9.85	68.86
SQU-DS	2025-07-26 20:00:00	12.45	26.89	0.38	7.14	9.84	74.00
SQU-DS	2025-07-26 20:15:00	12.43	27.49	0.39	7.14	9.84	91.43
SQU-DS	2025-07-26 20:30:00	12.41	27.83	0.38	7.17	9.82	92.71
SQU-DS	2025-07-26 20:45:00	12.39	28.00	0.39	7.12	9.82	85.51
SQU-DS	2025-07-26 21:00:00	12.38	28.71	0.39	7.16	9.79	69.44
SQU-DS	2025-07-26 21:15:00	12.39	29.58	0.39	7.10	9.78	74.61
SQU-DS	2025-07-26 21:30:00	12.43	30.23	0.38	7.17	9.74	79.09
SQU-DS	2025-07-26 21:45:00	12.45	30.96	0.38	7.12	9.72	70.21
SQU-DS	2025-07-26 22:00:00	12.48	31.54	0.38	7.16	9.70	77.19
SQU-DS	2025-07-26 22:15:00	12.50	31.74	0.37	7.16	9.67	72.12
SQU-DS	2025-07-26 22:30:00	12.54	31.92	0.37	7.18	9.65	76.16
SQU-DS	2025-07-26 22:45:00	12.57	32.11	0.37	7.18	9.63	74.35
SQU-DS	2025-07-26 23:00:00	12.57	31.66	0.37	7.14	9.62	68.62
SQU-DS	2025-07-26 23:15:00	12.59	32.01	0.37	7.10	9.61	75.63
SQU-DS	2025-07-26 23:30:00	12.63	32.38	0.35	7.08	9.58	78.36
SQU-DS	2025-07-26 23:45:00	12.66	32.01	0.34	7.10	9.56	75.16
SQU-DS	2025-07-27 00:00:00	12.66	31.68	0.34	7.12	9.57	81.41
SQU-DS	2025-07-27 00:15:00	12.66	31.47	0.34	7.13	9.55	82.57
SQU-DS	2025-07-27 00:30:00	12.66	30.91	0.34	7.10	9.56	74.17
SQU-DS	2025-07-27 00:45:00	12.64	30.53	0.34	7.09	9.57	75.94
SQU-DS	2025-07-27 01:00:00	12.61	29.88	0.35	7.10	9.57	77.60
SQU-DS	2025-07-27 01:15:00	12.55	30.32	0.35	7.04	9.58	71.81
SQU-DS	2025-07-27 01:30:00	12.51	29.67	0.35	7.08	9.59	83.87
SQU-DS	2025-07-27 01:45:00	12.46	29.52	0.35	7.08	9.60	84.90
SQU-DS	2025-07-27 02:00:00	12.40	29.35	0.35	7.06	9.59	75.82
SQU-DS	2025-07-27 02:15:00	12.35	29.31	0.35	7.05	9.62	77.95
SQU-DS	2025-07-27 02:30:00	12.29	29.60	0.35	7.09	9.62	79.35
SQU-DS	2025-07-27 02:45:00	12.23	29.61	0.35	7.03	9.65	79.53
SQU-DS	2025-07-27 03:00:00	12.18	29.00	0.35	7.08	9.67	85.94
SQU-DS	2025-07-27 03:15:00	12.13	29.23	0.36	7.00	9.66	80.05
SQU-DS	2025-07-27 03:30:00	12.06	29.42	0.36	7.02	9.68	90.26
SQU-DS	2025-07-27 03:45:00	12.01	29.23	0.35	7.11	9.70	103.54
SQU-DS	2025-07-27 04:00:00	11.94	29.04	0.35	7.10	9.71	87.78
SQU-DS	2025-07-27 04:15:00	11.89	29.06	0.35	7.01	9.72	94.60
SQU-DS	2025-07-27 04:30:00	11.83	29.08	0.35	7.05	9.74	101.75
SQU-DS	2025-07-27 04:45:00	11.78	28.75	0.35	7.05	9.74	107.85
SQU-DS	2025-07-27 05:00:00	11.73	28.69	0.36	7.07	9.76	108.39

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-27 05:15:00	11.68	28.74	0.35	7.08	9.78	123.65
SQU-DS	2025-07-27 05:30:00	11.61	28.97	0.36	7.02	9.78	128.37
SQU-DS	2025-07-27 05:45:00	11.56	28.40	0.35	7.11	9.80	114.12
SQU-DS	2025-07-27 06:00:00	11.50	28.52	0.35	7.10	9.81	105.09
SQU-DS	2025-07-27 06:15:00	11.43	28.28	0.36	7.12	9.83	132.29
SQU-DS	2025-07-27 06:30:00	11.36	27.83	0.36	7.08	9.86	155.42
SQU-DS	2025-07-27 06:45:00	11.29	27.96	0.36	7.10	9.88	106.76
SQU-DS	2025-07-27 07:00:00	11.22	27.83	0.36	7.07	9.89	106.21
SQU-DS	2025-07-27 07:15:00	11.17	27.74	0.37	7.07	9.90	170.81
SQU-DS	2025-07-27 07:30:00	11.14	27.57	0.37	7.12	9.93	141.16
SQU-DS	2025-07-27 07:45:00	11.12	27.70	0.36	7.12	9.95	144.25
SQU-DS	2025-07-27 08:00:00	11.12	27.57	0.36	7.06	9.94	127.63
SQU-DS	2025-07-27 08:15:00	11.10	27.93	0.36	7.08	9.95	109.81
SQU-DS	2025-07-27 08:30:00	11.12	28.04	0.36	7.08	9.95	118.74
SQU-DS	2025-07-27 08:45:00	11.15	27.78	0.36	7.02	9.96	116.68
SQU-DS	2025-07-27 09:00:00	11.19	27.99	0.35	7.01	9.96	140.47
SQU-DS	2025-07-27 09:15:00	11.24	27.76	0.35	7.05	9.95	127.19
SQU-DS	2025-07-27 09:30:00	11.28	28.09	0.36	7.00	9.96	133.41
SQU-DS	2025-07-27 09:45:00	11.34	27.80	0.35	7.06	9.96	98.78
SQU-DS	2025-07-27 10:00:00	11.41	28.06	0.35	7.05	9.93	83.59
SQU-DS	2025-07-27 10:15:00	11.49	28.27	0.35	7.03	9.92	116.66
SQU-DS	2025-07-27 10:30:00	11.58	27.64	0.35	7.03	9.93	123.50
SQU-DS	2025-07-27 10:45:00	11.66	27.96	0.35	6.98	9.92	106.80
SQU-DS	2025-07-27 11:00:00	11.76	27.83	0.35	7.01	9.92	132.62
SQU-DS	2025-07-27 11:15:00	11.85	27.53	0.35	7.04	9.92	147.75
SQU-DS	2025-07-27 11:30:00	11.94	27.63	0.35	7.05	9.91	123.01
SQU-DS	2025-07-27 11:45:00	12.03	27.57	0.35	7.06	9.90	100.76
SQU-DS	2025-07-27 12:00:00	12.11	27.30	0.35	7.05	9.91	102.04
SQU-DS	2025-07-27 12:15:00	12.20	26.98	0.36	7.04	9.89	106.82
SQU-DS	2025-07-27 12:30:00	12.28	27.14	0.36	7.02	9.91	102.53
SQU-DS	2025-07-27 12:45:00	12.37	26.96	0.35	7.06	9.91	104.63
SQU-DS	2025-07-27 13:00:00	12.45	27.52	0.36	7.00	9.88	95.21
SQU-DS	2025-07-27 13:15:00	12.54	27.20	0.35	7.08	9.89	100.72
SQU-DS	2025-07-27 13:30:00	12.63	27.67	0.35	7.04	9.87	88.34
SQU-DS	2025-07-27 13:45:00	12.71	27.64	0.35	7.07	9.86	88.84
SQU-DS	2025-07-27 14:00:00	12.77	27.64	0.35	7.10	9.86	121.10
SQU-DS	2025-07-27 14:15:00	12.84	27.77	0.36	7.03	9.86	83.16
SQU-DS	2025-07-27 14:30:00	12.91	27.67	0.36	7.03	9.86	108.67
SQU-DS	2025-07-27 14:45:00	12.99	27.92	0.36	6.98	9.85	93.12
SQU-DS	2025-07-27 15:00:00	13.07	27.87	0.36	6.98	9.84	93.50
SQU-DS	2025-07-27 15:15:00	13.15	28.13	0.36	7.09	9.83	106.39
SQU-DS	2025-07-27 15:30:00	13.24	28.06	0.35	7.12	9.82	88.19
SQU-DS	2025-07-27 15:45:00	13.35	28.77	0.36	7.15	9.80	91.82
SQU-DS	2025-07-27 16:00:00	13.45	29.23	0.36	7.03	9.79	93.75
SQU-DS	2025-07-27 16:15:00	13.51	29.94	0.36	7.13	9.77	75.63
SQU-DS	2025-07-27 16:30:00	13.58	29.76	0.36	7.12	9.76	114.36
SQU-DS	2025-07-27 16:45:00	13.64	30.76	0.36	7.07	9.72	100.00
SQU-DS	2025-07-27 17:00:00	13.69	30.63	0.36	7.07	9.73	75.13
SQU-DS	2025-07-27 17:15:00	13.72	30.71	0.36	7.10	9.72	78.03
SQU-DS	2025-07-27 17:30:00	13.74	31.23	0.36	7.15	9.72	78.12
SQU-DS	2025-07-27 17:45:00	13.75	31.62	0.36	7.12	9.70	88.01
SQU-DS	2025-07-27 18:00:00	13.74	31.53	0.36	7.11	9.69	100.69
SQU-DS	2025-07-27 18:15:00	13.72	31.95	0.36	7.16	9.67	89.32
SQU-DS	2025-07-27 18:30:00	13.69	31.31	0.36	7.18	9.68	95.77

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-27 18:45:00	13.68	31.30	0.36	7.15	9.66	107.79
SQU-DS	2025-07-27 19:00:00	13.67	30.98	0.36	7.16	9.66	106.29
SQU-DS	2025-07-27 19:15:00	13.65	30.69	0.36	7.21	9.65	76.01
SQU-DS	2025-07-27 19:30:00	13.62	30.68	0.37	7.13	9.65	104.96
SQU-DS	2025-07-27 19:45:00	13.60	30.44	0.37	7.20	9.63	92.56
SQU-DS	2025-07-27 20:00:00	13.57	30.70	0.38	7.20	9.62	94.05
SQU-DS	2025-07-27 20:15:00	13.56	31.09	0.38	7.20	9.61	95.01
SQU-DS	2025-07-27 20:30:00	13.56	30.95	0.38	7.20	9.60	70.01
SQU-DS	2025-07-27 20:45:00	13.55	31.06	0.38	7.21	9.57	73.46
SQU-DS	2025-07-27 21:00:00	13.54	31.26	0.38	7.19	9.56	79.75
SQU-DS	2025-07-27 21:15:00	13.50	31.50	0.38	7.20	9.55	82.53
SQU-DS	2025-07-27 21:30:00	13.49	32.09	0.38	7.19	9.54	92.17
SQU-DS	2025-07-27 21:45:00	13.49	32.38	0.38	7.19	9.53	75.27
SQU-DS	2025-07-27 22:00:00	13.49	32.83	0.38	7.17	9.51	86.06
SQU-DS	2025-07-27 22:15:00	13.46	33.12	0.38	7.17	9.50	93.76
SQU-DS	2025-07-27 22:30:00	13.47	33.31	0.38	7.18	9.49	82.05
SQU-DS	2025-07-27 22:45:00	13.44	34.03	0.38	7.20	9.47	96.12
SQU-DS	2025-07-27 23:00:00	13.41	34.50	0.38	7.13	9.47	88.40
SQU-DS	2025-07-27 23:15:00	13.39	34.39	0.37	7.18	9.46	84.84
SQU-DS	2025-07-27 23:30:00	13.40	34.08	0.37	7.19	9.45	90.04
SQU-DS	2025-07-27 23:45:00	13.37	34.18	0.36	7.15	9.44	99.83
SQU-US	2025-07-21 00:00:00	12.95	35.19	0.37	7.17	10.04	128.74
SQU-US	2025-07-21 00:15:00	12.91	34.95	0.37	7.14	10.04	143.28
SQU-US	2025-07-21 00:30:00	12.87	34.36	0.37	7.19	10.05	153.61
SQU-US	2025-07-21 00:45:00	12.81	34.47	0.38	7.17	10.07	148.47
SQU-US	2025-07-21 01:00:00	12.77	34.53	0.37	7.23	10.07	141.03
SQU-US	2025-07-21 01:15:00	12.72	34.92	0.37	7.23	10.07	121.75
SQU-US	2025-07-21 01:30:00	12.67	34.93	0.37	7.22	10.06	120.96
SQU-US	2025-07-21 01:45:00	12.63	35.44	0.37	7.20	10.06	151.21
SQU-US	2025-07-21 02:00:00	12.56	36.16	0.38	7.16	10.07	125.63
SQU-US	2025-07-21 02:15:00	12.51	35.81	0.37	7.17	10.09	180.54
SQU-US	2025-07-21 02:30:00	12.45	35.51	0.38	7.16	10.10	153.02
SQU-US	2025-07-21 02:45:00	12.38	36.01	0.38	7.13	10.11	159.20
SQU-US	2025-07-21 03:00:00	12.32	36.26	0.37	7.19	10.11	163.11
SQU-US	2025-07-21 03:15:00	12.27	37.59	0.36	7.12	10.06	153.37
SQU-US	2025-07-21 03:30:00	12.22	37.19	0.35	7.15	10.07	120.59
SQU-US	2025-07-21 03:45:00	12.15	36.58	0.34	7.16	10.09	133.78
SQU-US	2025-07-21 04:00:00	12.09	35.91	0.35	7.08	10.10	160.92
SQU-US	2025-07-21 04:15:00	12.05	35.94	0.35	7.09	10.13	121.74
SQU-US	2025-07-21 04:30:00	11.99	35.11	0.35	7.10	10.15	144.59
SQU-US	2025-07-21 04:45:00	11.95	34.61	0.35	7.13	10.17	135.46
SQU-US	2025-07-21 05:00:00	11.90	34.21	0.35	7.15	10.20	134.71
SQU-US	2025-07-21 05:15:00	11.86	33.98	0.35	7.15	10.19	144.54
SQU-US	2025-07-21 05:30:00	11.81	33.93	0.36	7.18	10.23	114.35
SQU-US	2025-07-21 05:45:00	11.76	33.46	0.36	7.16	10.25	102.56
SQU-US	2025-07-21 06:00:00	11.72	33.08	0.37	7.04	10.26	137.24
SQU-US	2025-07-21 06:15:00	11.67	33.37	0.37	7.09	10.26	122.91
SQU-US	2025-07-21 06:30:00	11.63	33.00	0.37	7.08	10.28	123.78
SQU-US	2025-07-21 06:45:00	11.59	33.03	0.37	7.10	10.29	127.75
SQU-US	2025-07-21 07:00:00	11.55	32.60	0.36	7.20	10.31	137.02
SQU-US	2025-07-21 07:15:00	11.52	32.70	0.36	7.15	10.32	122.28
SQU-US	2025-07-21 07:30:00	11.52	32.95	0.37	7.09	10.34	112.88
SQU-US	2025-07-21 07:45:00	11.51	32.92	0.37	7.04	10.33	121.33
SQU-US	2025-07-21 08:00:00	11.52	32.53	0.37	7.05	10.37	109.80

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-21 08:15:00	11.52	32.83	0.37	7.12	10.37	113.16
SQU-US	2025-07-21 08:30:00	11.53	32.66	0.37	7.13	10.38	168.79
SQU-US	2025-07-21 08:45:00	11.56	32.38	0.37	7.06	10.39	138.36
SQU-US	2025-07-21 09:00:00	11.60	32.32	0.37	7.17	10.40	114.52
SQU-US	2025-07-21 09:15:00	11.64	32.26	0.37	7.08	10.41	115.14
SQU-US	2025-07-21 09:30:00	11.68	32.50	0.36	7.16	10.41	108.71
SQU-US	2025-07-21 09:45:00	11.74	32.56	0.37	7.10	10.42	109.76
SQU-US	2025-07-21 10:00:00	11.81	32.55	0.36	7.16	10.42	105.15
SQU-US	2025-07-21 10:15:00	11.89	32.55	0.36	7.14	10.42	91.37
SQU-US	2025-07-21 10:30:00	11.97	32.84	0.36	7.16	10.41	114.44
SQU-US	2025-07-21 10:45:00	12.06	32.75	0.36	7.14	10.42	106.29
SQU-US	2025-07-21 11:00:00	12.14	32.78	0.36	7.20	10.39	100.21
SQU-US	2025-07-21 11:15:00	12.23	33.02	0.35	7.21	10.39	93.50
SQU-US	2025-07-21 11:30:00	12.32	32.27	0.36	7.17	10.40	108.62
SQU-US	2025-07-21 11:45:00	12.37	32.19	0.36	7.18	10.40	106.48
SQU-US	2025-07-21 12:00:00	12.42	32.63	0.36	7.18	10.39	77.30
SQU-US	2025-07-21 12:15:00	12.43	32.55	0.36	7.16	10.38	101.88
SQU-US	2025-07-21 12:30:00	12.41	32.42	0.36	7.17	10.39	76.85
SQU-US	2025-07-21 12:45:00	12.54	32.89	0.36	7.16	10.37	98.20
SQU-US	2025-07-21 13:00:00	12.72	32.99	0.36	7.20	10.35	111.18
SQU-US	2025-07-21 13:15:00	12.80	33.32	0.36	7.14	10.35	98.64
SQU-US	2025-07-21 13:30:00	12.85	33.29	0.36	7.12	10.36	86.60
SQU-US	2025-07-21 13:45:00	12.91	33.19	0.36	7.25	10.35	101.63
SQU-US	2025-07-21 14:00:00	12.97	33.15	0.36	7.15	10.36	84.39
SQU-US	2025-07-21 14:15:00	13.06	33.66	0.35	7.16	10.34	112.07
SQU-US	2025-07-21 14:30:00	13.15	33.49	0.35	7.21	10.36	81.51
SQU-US	2025-07-21 14:45:00	13.24	33.47	0.36	7.16	10.35	92.83
SQU-US	2025-07-21 15:00:00	13.32	33.33	0.36	7.20	10.33	101.85
SQU-US	2025-07-21 15:15:00	13.39	33.60	0.35	7.26	10.34	94.99
SQU-US	2025-07-21 15:30:00	13.37	32.81	0.35	7.29	10.33	101.38
SQU-US	2025-07-21 15:45:00	13.34	33.28	0.36	7.26	10.32	114.99
SQU-US	2025-07-21 16:00:00	13.33	33.40	0.37	7.26	10.30	97.53
SQU-US	2025-07-21 16:15:00	13.34	33.48	0.37	7.28	10.29	93.54
SQU-US	2025-07-21 16:30:00	13.38	33.61	0.37	7.24	10.27	83.23
SQU-US	2025-07-21 16:45:00	13.42	33.87	0.37	7.26	10.26	97.95
SQU-US	2025-07-21 17:00:00	13.48	33.82	0.37	7.32	10.23	116.66
SQU-US	2025-07-21 17:15:00	13.51	34.05	0.36	7.32	10.22	88.49
SQU-US	2025-07-21 17:30:00	13.51	34.35	0.37	7.22	10.21	99.14
SQU-US	2025-07-21 17:45:00	13.53	35.17	0.37	7.29	10.20	104.11
SQU-US	2025-07-21 18:00:00	13.55	34.07	0.37	7.23	10.18	97.71
SQU-US	2025-07-21 18:15:00	13.58	35.38	0.37	7.24	10.17	97.88
SQU-US	2025-07-21 18:30:00	13.58	35.78	0.37	7.23	10.14	127.93
SQU-US	2025-07-21 18:45:00	13.56	35.76	0.37	7.23	10.14	124.60
SQU-US	2025-07-21 19:00:00	13.56	36.18	0.37	7.26	10.12	131.33
SQU-US	2025-07-21 19:15:00					10.09	
SQU-US	2025-07-21 19:30:00	13.53	36.95	0.36	7.18	10.06	126.62
SQU-US	2025-07-21 19:45:00	13.51	36.46	0.36	7.12	10.04	102.65
SQU-US	2025-07-21 20:00:00	13.47	37.06	0.36	7.16	10.02	118.78
SQU-US	2025-07-21 20:15:00	13.43	37.84	0.35	7.18	9.99	140.34
SQU-US	2025-07-21 20:30:00	13.38	36.62	0.35	7.15	9.98	160.06
SQU-US	2025-07-21 20:45:00	13.36	37.53	0.34	7.15	9.96	131.59
SQU-US	2025-07-21 21:00:00	13.32	37.29	0.34	7.19	9.96	140.25
SQU-US	2025-07-21 21:15:00	13.30	36.73	0.34	7.19	9.96	140.13
SQU-US	2025-07-21 21:30:00	13.29	36.23	0.35	7.14	9.96	107.31

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-21 21:45:00	13.26	36.06	0.35	7.19	9.95	133.88
SQU-US	2025-07-21 22:00:00	13.26	36.32	0.35	7.15	9.96	125.72
SQU-US	2025-07-21 22:15:00	13.24	35.48	0.35	7.16	9.95	142.86
SQU-US	2025-07-21 22:30:00	13.24	35.18	0.35	7.16	9.96	143.13
SQU-US	2025-07-21 22:45:00	13.21	35.15	0.36	7.16	9.98	183.40
SQU-US	2025-07-21 23:00:00	13.19	35.13	0.36	7.22	9.98	188.41
SQU-US	2025-07-21 23:15:00	13.14	34.45	0.36	7.23	10.00	151.88
SQU-US	2025-07-21 23:30:00	13.09	34.05	0.36	7.23	10.02	154.08
SQU-US	2025-07-21 23:45:00	13.04	33.49	0.37	7.24	10.03	184.94
SQU-US	2025-07-22 00:00:00	12.98	33.13	0.37	7.18	10.04	167.07
SQU-US	2025-07-22 00:15:00	12.93	33.51	0.37	7.18	10.05	219.24
SQU-US	2025-07-22 00:30:00	12.87	33.44	0.37	7.21	10.06	223.79
SQU-US	2025-07-22 00:45:00	12.82	32.77	0.38	7.17	10.07	219.24
SQU-US	2025-07-22 01:00:00	12.76	32.77	0.38	7.22	10.08	185.21
SQU-US	2025-07-22 01:15:00	12.70	32.60	0.37	7.20	10.10	214.56
SQU-US	2025-07-22 01:30:00	12.66	32.69	0.38	7.19	10.10	209.62
SQU-US	2025-07-22 01:45:00	12.60	32.41	0.38	7.18	10.11	227.07
SQU-US	2025-07-22 02:00:00	12.56	32.67	0.38	7.12	10.10	241.87
SQU-US	2025-07-22 02:15:00	12.51	32.58	0.38	7.07	10.12	245.24
SQU-US	2025-07-22 02:30:00	12.46	32.16	0.38	7.15	10.13	195.49
SQU-US	2025-07-22 02:45:00	12.39	32.22	0.38	7.14	10.16	234.41
SQU-US	2025-07-22 03:00:00	12.33	32.45	0.38	7.22	10.16	238.41
SQU-US	2025-07-22 03:15:00	12.28	32.85	0.37	7.20	10.16	236.12
SQU-US	2025-07-22 03:30:00	12.23	32.16	0.37	7.18	10.19	222.73
SQU-US	2025-07-22 03:45:00	12.18	32.42	0.37	7.20	10.19	228.60
SQU-US	2025-07-22 04:00:00	12.14	32.63	0.38	7.12	10.20	228.55
SQU-US	2025-07-22 04:15:00	12.09	32.97	0.38	7.11	10.20	243.54
SQU-US	2025-07-22 04:30:00	12.04	32.47	0.38	7.09	10.20	225.30
SQU-US	2025-07-22 04:45:00	12.00	32.53	0.37	7.07	10.18	236.93
SQU-US	2025-07-22 05:00:00	11.95	32.46	0.36	7.12	10.19	197.65
SQU-US	2025-07-22 05:15:00	11.90	32.04	0.35	7.16	10.20	207.60
SQU-US	2025-07-22 05:30:00	11.84	31.95	0.35	7.12	10.23	246.40
SQU-US	2025-07-22 05:45:00	11.80	31.56	0.35	7.11	10.23	198.03
SQU-US	2025-07-22 06:00:00	11.75	30.53	0.36	7.08	10.26	180.14
SQU-US	2025-07-22 06:15:00	11.71	30.48	0.36	7.05	10.27	200.77
SQU-US	2025-07-22 06:30:00	11.67	29.85	0.36	7.07	10.31	182.90
SQU-US	2025-07-22 06:45:00	11.63	30.09	0.36	7.04	10.32	189.99
SQU-US	2025-07-22 07:00:00	11.61	29.53	0.36	7.15	10.32	165.44
SQU-US	2025-07-22 07:15:00	11.60	29.33	0.36	7.13	10.34	181.76
SQU-US	2025-07-22 07:30:00	11.58	29.12	0.36	7.15	10.36	165.67
SQU-US	2025-07-22 07:45:00	11.58	29.09	0.37	7.12	10.35	181.90
SQU-US	2025-07-22 08:00:00	11.59	28.45	0.37	7.06	10.37	180.86
SQU-US	2025-07-22 08:15:00	11.61	28.67	0.37	6.99	10.36	175.48
SQU-US	2025-07-22 08:30:00	11.62	28.61	0.37	7.07	10.39	205.87
SQU-US	2025-07-22 08:45:00	11.64	28.38	0.37	7.09	10.41	212.58
SQU-US	2025-07-22 09:00:00	11.68	28.57	0.37	7.08	10.41	203.67
SQU-US	2025-07-22 09:15:00	11.73	28.25	0.37	7.05	10.39	187.57
SQU-US	2025-07-22 09:30:00	11.79	28.67	0.36	7.16	10.41	161.63
SQU-US	2025-07-22 09:45:00	11.86	29.06	0.37	7.15	10.41	134.52
SQU-US	2025-07-22 10:00:00	11.94	28.78	0.37	7.12	10.41	185.40
SQU-US	2025-07-22 10:15:00	12.01	29.08	0.37	7.12	10.42	181.47
SQU-US	2025-07-22 10:30:00	12.09	28.96	0.37	7.11	10.41	177.03
SQU-US	2025-07-22 10:45:00	12.17	28.83	0.37	7.11	10.42	138.84
SQU-US	2025-07-22 11:00:00	12.25	28.79	0.36	7.18	10.41	173.01

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-22 11:15:00	12.34	28.81	0.36	7.19	10.41	156.91
SQU-US	2025-07-22 11:30:00	12.42	28.68	0.36	7.20	10.42	171.79
SQU-US	2025-07-22 11:45:00	12.50	28.95	0.36	7.21	10.40	173.13
SQU-US	2025-07-22 12:00:00	12.59	28.82	0.37	7.12	10.41	175.45
SQU-US	2025-07-22 12:15:00	12.68	29.12	0.36	7.14	10.39	161.63
SQU-US	2025-07-22 12:30:00	12.76	29.05	0.36	7.14	10.37	159.52
SQU-US	2025-07-22 12:45:00	12.85	29.31	0.36	7.14	10.36	177.07
SQU-US	2025-07-22 13:00:00	12.93	29.36	0.36	7.20	10.37	147.88
SQU-US	2025-07-22 13:15:00	13.02	29.98	0.36	7.21	10.37	121.62
SQU-US	2025-07-22 13:30:00	13.09	29.75	0.36	7.20	10.37	142.63
SQU-US	2025-07-22 13:45:00	13.16	30.15	0.36	7.10	10.34	125.88
SQU-US	2025-07-22 14:00:00	13.20	29.89	0.36	7.11	10.34	123.83
SQU-US	2025-07-22 14:15:00	13.23	29.91	0.36	7.14	10.34	150.45
SQU-US	2025-07-22 14:30:00	13.28	30.45	0.36	7.14	10.33	165.35
SQU-US	2025-07-22 14:45:00	13.32	30.06	0.36	7.14	10.33	143.79
SQU-US	2025-07-22 15:00:00	13.34	29.98	0.36	7.19	10.32	113.52
SQU-US	2025-07-22 15:15:00	13.37	29.92	0.36	7.19	10.32	136.55
SQU-US	2025-07-22 15:30:00	13.42	29.97	0.36	7.23	10.31	122.32
SQU-US	2025-07-22 15:45:00	13.46	29.78	0.36	7.20	10.30	112.06
SQU-US	2025-07-22 16:00:00	13.51	29.69	0.37	7.17	10.30	101.55
SQU-US	2025-07-22 16:15:00	13.59	29.91	0.37	7.19	10.30	164.35
SQU-US	2025-07-22 16:30:00	13.62	29.78	0.37	7.18	10.30	151.90
SQU-US	2025-07-22 16:45:00	13.69	30.24	0.37	7.19	10.28	137.63
SQU-US	2025-07-22 17:00:00	13.73	29.80	0.37	7.26	10.28	154.98
SQU-US	2025-07-22 17:15:00	13.76	30.04	0.36	7.28	10.26	109.56
SQU-US	2025-07-22 17:30:00	13.82	30.85	0.37	7.28	10.24	106.01
SQU-US	2025-07-22 17:45:00	13.86	31.17	0.37	7.29	10.23	115.44
SQU-US	2025-07-22 18:00:00	13.86	31.30	0.38	7.23	10.24	119.86
SQU-US	2025-07-22 18:15:00	13.86	31.42	0.38	7.21	10.21	113.80
SQU-US	2025-07-22 18:30:00	13.87	32.00	0.38	7.22	10.19	136.23
SQU-US	2025-07-22 18:45:00	13.87	32.48	0.38	7.24	10.16	116.03
SQU-US	2025-07-22 19:00:00	13.88	33.37	0.38	7.21	10.10	138.82
SQU-US	2025-07-22 19:15:00	13.88	34.39	0.36	7.27	10.08	143.38
SQU-US	2025-07-22 19:30:00	13.89	34.48	0.37	7.24	10.06	121.40
SQU-US	2025-07-22 19:45:00	13.90	34.45	0.37	7.26	10.03	118.07
SQU-US	2025-07-22 20:00:00	13.88	33.73	0.37	7.11	10.02	135.29
SQU-US	2025-07-22 20:15:00	13.88	33.86	0.37	7.15	9.99	118.14
SQU-US	2025-07-22 20:30:00	13.86	33.29	0.37	7.18	9.97	147.98
SQU-US	2025-07-22 20:45:00	13.84	33.76	0.37	7.15	9.95	157.30
SQU-US	2025-07-22 21:00:00	13.83	33.59	0.37	7.22	9.95	161.93
SQU-US	2025-07-22 21:15:00	13.82	33.76	0.36	7.25	9.94	146.65
SQU-US	2025-07-22 21:30:00	13.82	33.61	0.36	7.20	9.91	158.65
SQU-US	2025-07-22 21:45:00	13.81	34.43	0.36	7.15	9.88	138.87
SQU-US	2025-07-22 22:00:00	13.81	34.17	0.35	7.10	9.87	153.00
SQU-US	2025-07-22 22:15:00	13.79	34.00	0.35	7.09	9.88	142.41
SQU-US	2025-07-22 22:30:00	13.77	33.87	0.35	7.12	9.88	185.65
SQU-US	2025-07-22 22:45:00	13.76	33.50	0.35	7.09	9.89	159.19
SQU-US	2025-07-22 23:00:00	13.72	33.25	0.35	7.19	9.89	171.11
SQU-US	2025-07-22 23:15:00	13.69	32.62	0.35	7.22	9.92	190.19
SQU-US	2025-07-22 23:30:00	13.65	32.44	0.35	7.21	9.92	157.30
SQU-US	2025-07-22 23:45:00	13.60	32.13	0.36	7.21	9.93	217.58
SQU-US	2025-07-23 00:00:00	13.56	31.75	0.36	7.17	9.96	186.99
SQU-US	2025-07-23 00:15:00	13.50	31.32	0.36	7.18	9.99	191.20
SQU-US	2025-07-23 00:30:00	13.44	31.68	0.37	7.15	9.98	191.60

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-23 00:45:00	13.36	31.19	0.37	7.17	10.00	146.38
SQU-US	2025-07-23 01:00:00	13.30	30.86	0.37	7.20	10.00	191.24
SQU-US	2025-07-23 01:15:00	13.22	30.98	0.37	7.18	10.02	218.69
SQU-US	2025-07-23 01:30:00	13.17	30.79	0.37	7.19	10.03	168.83
SQU-US	2025-07-23 01:45:00	13.09	30.67	0.37	7.22	10.04	188.95
SQU-US	2025-07-23 02:00:00	13.02	30.75	0.38	7.11	10.06	190.51
SQU-US	2025-07-23 02:15:00	12.95	30.78	0.38	7.13	10.07	228.32
SQU-US	2025-07-23 02:30:00	12.89	30.44	0.38	7.13	10.07	223.79
SQU-US	2025-07-23 02:45:00	12.81	30.39	0.38	7.10	10.10	237.32
SQU-US	2025-07-23 03:00:00	12.74	29.88	0.38	7.19	10.12	216.33
SQU-US	2025-07-23 03:15:00	12.67	30.06	0.36	7.21	10.13	198.52
SQU-US	2025-07-23 03:30:00	12.60	30.26	0.37	7.12	10.15	233.02
SQU-US	2025-07-23 03:45:00	12.53	30.16	0.37	7.17	10.17	217.34
SQU-US	2025-07-23 04:00:00	12.47	29.69	0.38	7.14	10.19	256.75
SQU-US	2025-07-23 04:15:00	12.40	30.73	0.38	7.10	10.19	205.68
SQU-US	2025-07-23 04:30:00	12.34	30.37	0.38	7.12	10.21	211.32
SQU-US	2025-07-23 04:45:00	12.29	29.93	0.38	7.10	10.22	196.37
SQU-US	2025-07-23 05:00:00	12.22	29.87	0.38	7.18	10.22	186.54
SQU-US	2025-07-23 05:15:00	12.16	29.30	0.37	7.20	10.25	222.92
SQU-US	2025-07-23 05:30:00	12.11	29.90	0.37	7.17	10.23	183.60
SQU-US	2025-07-23 05:45:00	12.06	30.00	0.36	7.17	10.21	179.50
SQU-US	2025-07-23 06:00:00	12.01	29.91	0.36	7.06	10.22	205.89
SQU-US	2025-07-23 06:15:00	11.98	29.74	0.35	7.07	10.21	178.50
SQU-US	2025-07-23 06:30:00	11.95	29.76	0.35	7.07	10.24	159.78
SQU-US	2025-07-23 06:45:00	11.93	29.13	0.36	7.00	10.23	153.54
SQU-US	2025-07-23 07:00:00	11.93	28.83	0.35	7.15	10.25	247.82
SQU-US	2025-07-23 07:15:00	11.91	28.77	0.35	7.07	10.27	201.25
SQU-US	2025-07-23 07:30:00	11.90	28.30	0.36	7.11	10.28	191.22
SQU-US	2025-07-23 07:45:00	11.90	28.14	0.36	7.08	10.30	162.58
SQU-US	2025-07-23 08:00:00	11.92	28.50	0.36	7.07	10.29	208.22
SQU-US	2025-07-23 08:15:00	11.91	28.38	0.36	7.03	10.32	170.07
SQU-US	2025-07-23 08:30:00	11.92	28.24	0.36	7.05	10.33	188.77
SQU-US	2025-07-23 08:45:00	11.96	28.11	0.36	7.09	10.33	175.08
SQU-US	2025-07-23 09:00:00	12.00	28.29	0.36	7.18	10.34	193.51
SQU-US	2025-07-23 09:15:00	12.04	28.13	0.36	7.20	10.34	188.93
SQU-US	2025-07-23 09:30:00	12.10	28.58	0.36	7.19	10.34	178.63
SQU-US	2025-07-23 09:45:00	12.16	28.27	0.36	7.16	10.36	161.66
SQU-US	2025-07-23 10:00:00	12.23	28.22	0.36	7.12	10.35	144.99
SQU-US	2025-07-23 10:15:00	12.32	28.83	0.36	7.13	10.36	140.78
SQU-US	2025-07-23 10:30:00	12.42	29.14	0.36	7.14	10.35	217.49
SQU-US	2025-07-23 10:45:00	12.50	28.99	0.36	7.14	10.34	174.71
SQU-US	2025-07-23 11:00:00	12.55	28.48	0.36	7.18	10.36	155.36
SQU-US	2025-07-23 11:15:00	12.64	29.23	0.36	7.19	10.35	141.00
SQU-US	2025-07-23 11:30:00	12.74	29.00	0.36	7.19	10.35	138.67
SQU-US	2025-07-23 11:45:00	12.83	29.35	0.36	7.16	10.33	177.65
SQU-US	2025-07-23 12:00:00	12.92	29.29	0.37	6.99	10.33	152.32
SQU-US	2025-07-23 12:15:00	12.97	29.02	0.36	7.12	10.34	133.90
SQU-US	2025-07-23 12:30:00	13.07	29.21	0.36	7.13	10.33	119.57
SQU-US	2025-07-23 12:45:00	13.19	29.04	0.36	7.12	10.34	128.52
SQU-US	2025-07-23 13:00:00	13.28	29.20	0.36	7.19	10.32	136.67
SQU-US	2025-07-23 13:15:00	13.35	29.74	0.35	7.15	10.32	123.37
SQU-US	2025-07-23 13:30:00	13.40	29.72	0.35	7.22	10.31	150.30
SQU-US	2025-07-23 13:45:00	13.45	29.75	0.35	7.21	10.31	123.53
SQU-US	2025-07-23 14:00:00	13.50	29.92	0.36	7.16	10.31	117.87

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-23 14:15:00	13.56	30.21	0.36	7.13	10.29	143.34
SQU-US	2025-07-23 14:30:00	13.64	30.49	0.36	7.15	10.28	122.55
SQU-US	2025-07-23 14:45:00	13.70	30.22	0.36	7.14	10.27	125.78
SQU-US	2025-07-23 15:00:00	13.78	30.18	0.35	7.22	10.26	123.22
SQU-US	2025-07-23 15:15:00	13.85	30.67	0.35	7.21	10.24	122.89
SQU-US	2025-07-23 15:30:00	13.90	30.49	0.35	7.25	10.25	126.01
SQU-US	2025-07-23 15:45:00	13.96	30.91	0.36	7.15	10.21	128.22
SQU-US	2025-07-23 16:00:00	13.97	30.08	0.36	7.14	10.22	138.26
SQU-US	2025-07-23 16:15:00	14.03	29.52	0.36	7.19	10.22	116.75
SQU-US	2025-07-23 16:30:00	14.04	29.52	0.36	7.19	10.23	159.86
SQU-US	2025-07-23 16:45:00	14.04	29.58	0.36	7.20	10.23	117.79
SQU-US	2025-07-23 17:00:00	14.02	29.27	0.37	7.18	10.23	114.10
SQU-US	2025-07-23 17:15:00	14.01	28.69	0.37	7.29	10.22	135.95
SQU-US	2025-07-23 17:30:00	14.03	29.46	0.37	7.24	10.22	125.57
SQU-US	2025-07-23 17:45:00	14.07	29.23	0.37	7.27	10.19	108.60
SQU-US	2025-07-23 18:00:00	14.12	29.57	0.38	7.21	10.20	100.44
SQU-US	2025-07-23 18:15:00	14.14	29.77	0.38	7.20	10.17	123.57
SQU-US	2025-07-23 18:30:00	14.17	30.20	0.38	7.22	10.15	119.08
SQU-US	2025-07-23 18:45:00	14.16	30.65	0.38	7.22	10.13	139.19
SQU-US	2025-07-23 19:00:00	14.15	30.53	0.37	7.30	10.12	134.20
SQU-US	2025-07-23 19:15:00	14.14	31.87	0.37	7.28	10.09	128.15
SQU-US	2025-07-23 19:30:00	14.11	32.70	0.37	7.28	10.06	158.34
SQU-US	2025-07-23 19:45:00	14.07	33.42	0.38	7.22	10.03	147.76
SQU-US	2025-07-23 20:00:00	14.03	33.33	0.38	7.22	10.01	136.53
SQU-US	2025-07-23 20:15:00	14.01	34.57	0.38	7.20	9.98	157.07
SQU-US	2025-07-23 20:30:00	13.97	34.22	0.38	7.19	9.96	154.33
SQU-US	2025-07-23 20:45:00	13.95	33.69	0.38	7.12	9.95	163.55
SQU-US	2025-07-23 21:00:00	13.94	34.25	0.37	7.21	9.92	172.69
SQU-US	2025-07-23 21:15:00	13.92	33.57	0.36	7.23	9.92	182.41
SQU-US	2025-07-23 21:30:00	13.92	34.28	0.37	7.24	9.89	164.82
SQU-US	2025-07-23 21:45:00	13.89	33.35	0.37	7.17	9.89	199.36
SQU-US	2025-07-23 22:00:00	13.88	32.92	0.37	7.15	9.89	151.10
SQU-US	2025-07-23 22:15:00	13.87	33.49	0.36	7.14	9.86	181.74
SQU-US	2025-07-23 22:30:00	13.83	33.77	0.35	7.11	9.86	157.08
SQU-US	2025-07-23 22:45:00	13.78	32.94	0.35	7.11	9.86	216.50
SQU-US	2025-07-23 23:00:00	13.73	32.67	0.34	7.17	9.86	200.29
SQU-US	2025-07-23 23:15:00	13.68	32.23	0.35	7.09	9.88	189.77
SQU-US	2025-07-23 23:30:00	13.63	31.74	0.34	7.20	9.90	219.00
SQU-US	2025-07-23 23:45:00	13.55	31.28	0.35	7.21	9.93	297.53
SQU-US	2025-07-24 00:00:00	13.48	31.39	0.36	7.09	9.94	222.31
SQU-US	2025-07-24 00:15:00	13.38	30.48	0.36	7.11	9.98	223.15
SQU-US	2025-07-24 00:30:00	13.28	30.19	0.36	7.14	9.99	294.78
SQU-US	2025-07-24 00:45:00	13.17	29.68	0.37	7.12	10.01	294.85
SQU-US	2025-07-24 01:00:00	13.08	30.01	0.37	7.19	10.04	271.58
SQU-US	2025-07-24 01:15:00	12.99	29.12	0.37	7.11	10.07	248.28
SQU-US	2025-07-24 01:30:00	12.89	29.11	0.37	7.20	10.08	263.80
SQU-US	2025-07-24 01:45:00	12.82	29.50	0.37	7.20	10.09	255.55
SQU-US	2025-07-24 02:00:00	12.74	28.73	0.38	7.11	10.13	251.75
SQU-US	2025-07-24 02:15:00	12.68	28.58	0.38	7.12	10.13	268.08
SQU-US	2025-07-24 02:30:00	12.62	27.81	0.38	7.09	10.15	229.73
SQU-US	2025-07-24 02:45:00	12.55	27.59	0.38	7.09	10.16	219.22
SQU-US	2025-07-24 03:00:00	12.48	27.28	0.38	7.14	10.17	226.41
SQU-US	2025-07-24 03:15:00	12.41	26.98	0.38	7.08	10.19	220.62
SQU-US	2025-07-24 03:30:00	12.35	27.25	0.38	7.11	10.21	219.68

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-24 03:45:00	12.28	27.47	0.38	7.15	10.23	215.71
SQU-US	2025-07-24 04:00:00	12.21	27.95	0.38	7.10	10.25	223.39
SQU-US	2025-07-24 04:15:00	12.16	28.12	0.38	7.10	10.25	194.72
SQU-US	2025-07-24 04:30:00	12.10	27.98	0.38	7.11	10.29	193.23
SQU-US	2025-07-24 04:45:00	12.05	28.10	0.38	7.12	10.29	206.88
SQU-US	2025-07-24 05:00:00	12.01	28.07	0.38	7.13	10.30	174.02
SQU-US	2025-07-24 05:15:00	11.98	27.87	0.38	7.17	10.31	225.98
SQU-US	2025-07-24 05:30:00	11.95	27.83	0.38	7.15	10.30	206.56
SQU-US	2025-07-24 05:45:00	11.93	27.57	0.38	7.18	10.31	201.37
SQU-US	2025-07-24 06:00:00	11.90	27.83	0.38	7.13	10.32	198.41
SQU-US	2025-07-24 06:15:00	11.87	27.49	0.38	7.10	10.31	225.90
SQU-US	2025-07-24 06:30:00	11.84	27.78	0.38	7.09	10.31	183.00
SQU-US	2025-07-24 06:45:00	11.82	27.73	0.38	7.12	10.32	201.39
SQU-US	2025-07-24 07:00:00	11.79	28.21	0.37	7.12	10.30	215.21
SQU-US	2025-07-24 07:15:00	11.78	28.36	0.36	7.14	10.31	163.24
SQU-US	2025-07-24 07:30:00	11.77	28.32	0.35	7.09	10.31	208.78
SQU-US	2025-07-24 07:45:00	11.77	28.23	0.35	7.09	10.32	185.53
SQU-US	2025-07-24 08:00:00	11.78	27.95	0.36	7.01	10.33	167.97
SQU-US	2025-07-24 08:15:00	11.79	28.06	0.36	7.00	10.34	211.26
SQU-US	2025-07-24 08:30:00	11.82	27.33	0.36	7.05	10.36	222.49
SQU-US	2025-07-24 08:45:00	11.83	27.37	0.36	7.07	10.37	200.31
SQU-US	2025-07-24 09:00:00	11.88	27.04	0.35	7.13	10.36	213.07
SQU-US	2025-07-24 09:15:00	11.92	26.94	0.36	7.10	10.39	207.29
SQU-US	2025-07-24 09:30:00	11.98	26.95	0.35	7.16	10.40	192.76
SQU-US	2025-07-24 09:45:00	12.04	27.42	0.36	7.06	10.40	156.55
SQU-US	2025-07-24 10:00:00	12.11	27.11	0.36	7.09	10.39	189.13
SQU-US	2025-07-24 10:15:00	12.19	26.97	0.36	7.07	10.39	206.30
SQU-US	2025-07-24 10:30:00	12.29	27.28	0.36	7.09	10.41	171.39
SQU-US	2025-07-24 10:45:00	12.38	26.76	0.36	7.09	10.44	160.50
SQU-US	2025-07-24 11:00:00	12.44	27.24	0.36	7.18	10.41	213.80
SQU-US	2025-07-24 11:15:00	12.53	27.13	0.36	7.18	10.42	129.81
SQU-US	2025-07-24 11:30:00	12.58	26.52	0.36	7.15	10.45	204.44
SQU-US	2025-07-24 11:45:00	12.68	26.78	0.36	7.22	10.45	131.28
SQU-US	2025-07-24 12:00:00	12.78	27.26	0.37	7.09	10.44	144.15
SQU-US	2025-07-24 12:15:00	12.84	27.10	0.36	7.12	10.43	153.24
SQU-US	2025-07-24 12:30:00	12.94	28.16	0.36	7.12	10.39	154.31
SQU-US	2025-07-24 12:45:00	13.02	27.52	0.36	7.12	10.42	138.06
SQU-US	2025-07-24 13:00:00	13.09	27.76	0.36	7.21	10.41	189.99
SQU-US	2025-07-24 13:15:00	13.13	27.97	0.36	7.20	10.39	164.81
SQU-US	2025-07-24 13:30:00	13.17	28.30	0.36	7.18	10.39	143.36
SQU-US	2025-07-24 13:45:00	13.20	27.93	0.36	7.19	10.38	155.84
SQU-US	2025-07-24 14:00:00	13.29	28.67	0.36	7.15	10.38	168.89
SQU-US	2025-07-24 14:15:00	13.36	28.56	0.36	7.15	10.37	108.76
SQU-US	2025-07-24 14:30:00	13.45	28.76	0.36	7.14	10.35	113.37
SQU-US	2025-07-24 14:45:00	13.54	29.01	0.37	7.03	10.36	162.85
SQU-US	2025-07-24 15:00:00	13.63	29.06	0.35	7.22	10.34	122.07
SQU-US	2025-07-24 15:15:00	13.70	29.19	0.35	7.20	10.32	117.67
SQU-US	2025-07-24 15:30:00	13.77	29.34	0.36	7.17	10.31	137.31
SQU-US	2025-07-24 15:45:00	13.83	29.80	0.35	7.25	10.31	165.60
SQU-US	2025-07-24 16:00:00	13.87	29.72	0.36	7.17	10.28	124.68
SQU-US	2025-07-24 16:15:00	13.90	29.47	0.36	7.17	10.29	143.49
SQU-US	2025-07-24 16:30:00	13.93	30.12	0.36	7.17	10.29	146.34
SQU-US	2025-07-24 16:45:00	13.95	30.41	0.36	7.18	10.26	165.07
SQU-US	2025-07-24 17:00:00	13.95	29.98	0.36	7.23	10.26	108.90

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-24 17:15:00	13.97	29.87	0.36	7.26	10.27	84.26
SQU-US	2025-07-24 17:30:00	14.00	30.17	0.37	7.27	10.25	130.32
SQU-US	2025-07-24 17:45:00	14.01	29.77	0.38	7.15	10.24	111.10
SQU-US	2025-07-24 18:00:00	14.02	29.48	0.38	7.21	10.23	101.30
SQU-US	2025-07-24 18:15:00	14.02	29.43	0.38	7.20	10.22	126.27
SQU-US	2025-07-24 18:30:00	14.00	29.34	0.38	7.20	10.19	117.99
SQU-US	2025-07-24 18:45:00	13.97	28.96	0.38	7.18	10.17	94.73
SQU-US	2025-07-24 19:00:00	13.94	29.17	0.38	7.28	10.16	132.52
SQU-US	2025-07-24 19:15:00	13.90	29.52	0.37	7.27	10.13	95.43
SQU-US	2025-07-24 19:30:00	13.87	29.89	0.38	7.27	10.11	144.53
SQU-US	2025-07-24 19:45:00	13.85	30.07	0.38	7.27	10.10	139.31
SQU-US	2025-07-24 20:00:00	13.83	31.06	0.38	7.22	10.07	117.37
SQU-US	2025-07-24 20:15:00	13.81	31.55	0.39	7.16	10.04	107.57
SQU-US	2025-07-24 20:30:00	13.80	32.26	0.39	7.13	10.02	124.02
SQU-US	2025-07-24 20:45:00	13.81	32.52	0.38	7.18	10.01	128.70
SQU-US	2025-07-24 21:00:00	13.80	32.22	0.38	7.26	10.00	145.38
SQU-US	2025-07-24 21:15:00	13.81	32.44	0.37	7.26	10.00	132.23
SQU-US	2025-07-24 21:30:00	13.83	32.14	0.38	7.23	9.98	133.25
SQU-US	2025-07-24 21:45:00	13.83	32.25	0.38	7.25	9.96	166.43
SQU-US	2025-07-24 22:00:00	13.84	31.60	0.38	7.19	9.96	172.40
SQU-US	2025-07-24 22:15:00	13.84	32.18	0.38	7.18	9.94	180.86
SQU-US	2025-07-24 22:30:00	13.84	31.67	0.38	7.13	9.95	150.28
SQU-US	2025-07-24 22:45:00	13.84	31.48	0.38	7.18	9.95	169.71
SQU-US	2025-07-24 23:00:00	13.82	32.03	0.38	7.24	9.94	176.66
SQU-US	2025-07-24 23:15:00	13.80	31.11	0.37	7.24	9.94	182.44
SQU-US	2025-07-24 23:30:00	13.76	31.10	0.37	7.15	9.93	218.84
SQU-US	2025-07-24 23:45:00	13.71	31.48	0.37	7.22	9.93	211.82
SQU-US	2025-07-25 00:00:00	13.65	31.33	0.37	7.13	9.94	179.83
SQU-US	2025-07-25 00:15:00	13.61	31.43	0.36	7.14	9.94	220.70
SQU-US	2025-07-25 00:30:00	13.57	31.24	0.36	7.12	9.95	207.54
SQU-US	2025-07-25 00:45:00	13.52	30.81	0.36	7.12	9.95	237.37
SQU-US	2025-07-25 01:00:00	13.48	30.40	0.36	7.13	9.97	191.27
SQU-US	2025-07-25 01:15:00	13.44	30.35	0.36	7.19	9.99	205.28
SQU-US	2025-07-25 01:30:00	13.39	29.87	0.36	7.24	10.00	228.83
SQU-US	2025-07-25 01:45:00	13.34	29.89	0.37	7.12	10.01	234.99
SQU-US	2025-07-25 02:00:00	13.28	29.74	0.38	7.14	10.02	235.05
SQU-US	2025-07-25 02:15:00	13.23	29.52	0.38	7.15	10.04	217.85
SQU-US	2025-07-25 02:30:00	13.18	29.19	0.38	7.15	10.05	217.23
SQU-US	2025-07-25 02:45:00	13.11	29.55	0.39	7.11	10.06	228.55
SQU-US	2025-07-25 03:00:00	13.04	29.18	0.40	6.99	10.08	227.20
SQU-US	2025-07-25 03:15:00	12.98	29.29	0.38	7.23	10.10	217.40
SQU-US	2025-07-25 03:30:00	12.93	29.26	0.38	7.23	10.10	213.74
SQU-US	2025-07-25 03:45:00	12.86	29.01	0.39	7.20	10.13	217.08
SQU-US	2025-07-25 04:00:00	12.82	28.38	0.39	7.17	10.15	197.23
SQU-US	2025-07-25 04:15:00	12.76	28.52	0.39	7.11	10.16	224.52
SQU-US	2025-07-25 04:30:00	12.70	28.31	0.39	7.21	10.17	227.10
SQU-US	2025-07-25 04:45:00	12.64	28.44	0.39	7.18	10.19	230.74
SQU-US	2025-07-25 05:00:00	12.58	28.06	0.39	7.24	10.18	199.00
SQU-US	2025-07-25 05:15:00	12.52	28.23	0.38	7.20	10.20	230.51
SQU-US	2025-07-25 05:30:00	12.48	27.76	0.39	7.20	10.21	220.09
SQU-US	2025-07-25 05:45:00	12.43	27.88	0.39	7.22	10.22	220.86
SQU-US	2025-07-25 06:00:00	12.40	27.85	0.39	7.14	10.23	210.82
SQU-US	2025-07-25 06:15:00	12.36	27.86	0.39	7.16	10.22	234.43
SQU-US	2025-07-25 06:30:00	12.33	27.92	0.39	7.17	10.23	185.14

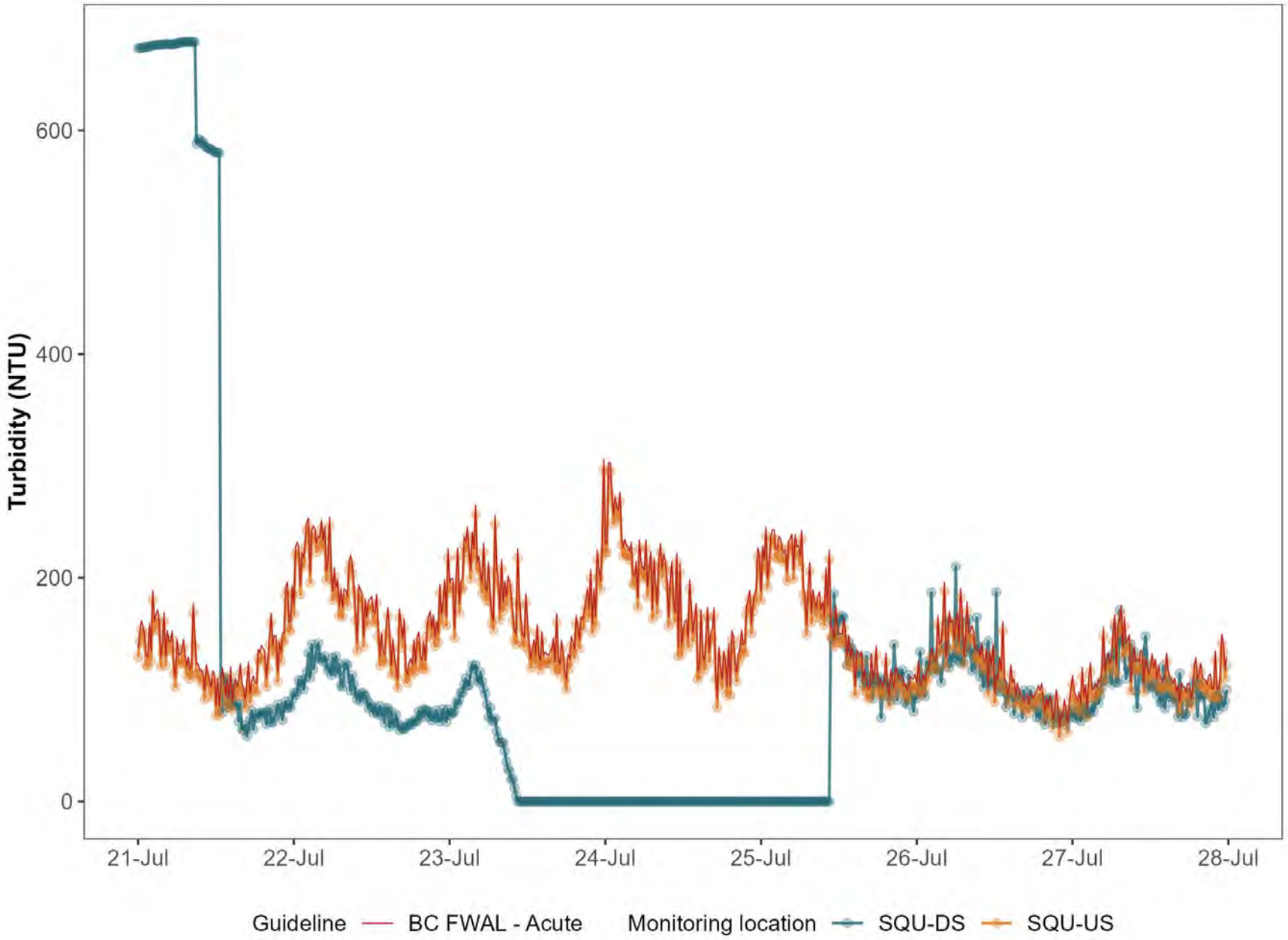
Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-25 06:45:00	12.31	28.03	0.39	7.13	10.22	177.43
SQU-US	2025-07-25 07:00:00	12.28	28.03	0.39	7.21	10.23	149.72
SQU-US	2025-07-25 07:15:00	12.26	28.20	0.38	7.09	10.21	182.02
SQU-US	2025-07-25 07:30:00	12.23	28.39	0.38	7.10	10.22	205.64
SQU-US	2025-07-25 07:45:00	12.21	28.80	0.38	6.99	10.20	159.84
SQU-US	2025-07-25 08:00:00	12.19	28.60	0.37	6.96	10.20	181.22
SQU-US	2025-07-25 08:15:00	12.17	28.50	0.36	7.04	10.20	171.92
SQU-US	2025-07-25 08:30:00	12.15	28.45	0.36	6.98	10.22	164.99
SQU-US	2025-07-25 08:45:00	12.12	28.09	0.36	7.06	10.24	174.65
SQU-US	2025-07-25 09:00:00	12.12	27.66	0.35	7.06	10.26	179.37
SQU-US	2025-07-25 09:15:00	12.14	27.99	0.35	7.05	10.28	163.12
SQU-US	2025-07-25 09:30:00	12.15	27.83	0.36	7.06	10.30	170.40
SQU-US	2025-07-25 09:45:00	12.15	27.46	0.36	6.97	10.31	157.93
SQU-US	2025-07-25 10:00:00	12.18	27.37	0.36	7.10	10.31	200.87
SQU-US	2025-07-25 10:15:00	12.22	27.19	0.36	7.05	10.31	165.64
SQU-US	2025-07-25 10:30:00	12.25	26.70	0.36	7.10	10.33	216.50
SQU-US	2025-07-25 10:45:00	12.29	27.28	0.36	7.10	10.34	147.23
SQU-US	2025-07-25 11:00:00	12.32	27.12	0.36	7.09	10.35	146.98
SQU-US	2025-07-25 11:15:00	12.39	27.38	0.36	7.07	10.35	138.24
SQU-US	2025-07-25 11:30:00	12.53	26.81	0.36	7.16	10.35	167.57
SQU-US	2025-07-25 11:45:00	12.65	26.85	0.36	7.14	10.36	147.78
SQU-US	2025-07-25 12:00:00	12.73	26.95	0.38	6.93	10.37	142.17
SQU-US	2025-07-25 12:15:00	12.77	27.12	0.36	7.13	10.38	142.20
SQU-US	2025-07-25 12:30:00	12.81	27.28	0.36	7.13	10.36	141.57
SQU-US	2025-07-25 12:45:00	12.86	27.27	0.37	7.06	10.38	155.49
SQU-US	2025-07-25 13:00:00	12.93	27.21	0.36	7.15	10.37	145.36
SQU-US	2025-07-25 13:15:00	13.01	27.22	0.36	7.22	10.39	121.73
SQU-US	2025-07-25 13:30:00	13.01	27.38	0.36	7.20	10.39	140.24
SQU-US	2025-07-25 13:45:00	13.02	27.42	0.36	7.25	10.38	120.45
SQU-US	2025-07-25 14:00:00	13.13	27.84	0.36	7.15	10.36	130.09
SQU-US	2025-07-25 14:15:00	13.20	28.30	0.36	7.08	10.34	119.17
SQU-US	2025-07-25 14:30:00	13.21	27.85	0.36	7.18	10.34	95.33
SQU-US	2025-07-25 14:45:00	13.28	28.39	0.36	7.09	10.32	126.95
SQU-US	2025-07-25 15:00:00	13.38	28.22	0.36	7.20	10.33	124.77
SQU-US	2025-07-25 15:15:00	13.41	28.21	0.36	7.20	10.32	121.29
SQU-US	2025-07-25 15:30:00	13.40	28.41	0.36	7.16	10.31	126.55
SQU-US	2025-07-25 15:45:00	13.42	28.09	0.36	7.17	10.31	100.05
SQU-US	2025-07-25 16:00:00	13.44	28.41	0.36	7.20	10.32	110.40
SQU-US	2025-07-25 16:15:00	13.44	28.49	0.37	7.16	10.33	98.50
SQU-US	2025-07-25 16:30:00	13.47	28.87	0.37	7.17	10.31	92.09
SQU-US	2025-07-25 16:45:00	13.48	29.64	0.36	7.18	10.29	93.59
SQU-US	2025-07-25 17:00:00	13.49	29.15	0.36	7.22	10.29	123.86
SQU-US	2025-07-25 17:15:00	13.50	29.66	0.37	7.04	10.28	100.32
SQU-US	2025-07-25 17:30:00	13.51	29.43	0.36	7.23	10.30	111.38
SQU-US	2025-07-25 17:45:00	13.58	29.30	0.37	7.10	10.27	130.77
SQU-US	2025-07-25 18:00:00	13.60	29.25	0.37	7.23	10.26	97.80
SQU-US	2025-07-25 18:15:00	13.60	29.55	0.38	7.20	10.27	96.25
SQU-US	2025-07-25 18:30:00	13.60	29.09	0.37	7.26	10.25	100.90
SQU-US	2025-07-25 18:45:00	13.60	29.40	0.38	7.21	10.24	93.60
SQU-US	2025-07-25 19:00:00	13.59	29.34	0.37	7.27	10.23	100.05
SQU-US	2025-07-25 19:15:00	13.58	29.29	0.37	7.31	10.23	124.73
SQU-US	2025-07-25 19:30:00	13.56	29.35	0.39	7.11	10.23	96.00
SQU-US	2025-07-25 19:45:00	13.52	29.70	0.38	7.23	10.22	86.04
SQU-US	2025-07-25 20:00:00	13.47	29.71	0.38	7.24	10.20	109.87

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-25 20:15:00	13.40	30.43	0.38	7.23	10.19	100.21
SQU-US	2025-07-25 20:30:00	13.36	30.26	0.38	7.22	10.18	94.33
SQU-US	2025-07-25 20:45:00	13.32	31.13	0.38	7.23	10.16	112.38
SQU-US	2025-07-25 21:00:00	13.32	31.48	0.38	7.21	10.15	108.08
SQU-US	2025-07-25 21:15:00	13.31	31.81	0.38	7.17	10.13	101.47
SQU-US	2025-07-25 21:30:00	13.31	32.49	0.38	7.21	10.11	103.52
SQU-US	2025-07-25 21:45:00	13.30	32.48	0.38	7.17	10.10	103.46
SQU-US	2025-07-25 22:00:00	13.30	32.47	0.38	7.20	10.09	95.55
SQU-US	2025-07-25 22:15:00	13.27	32.99	0.38	7.11	10.08	96.39
SQU-US	2025-07-25 22:30:00	13.23	33.40	0.38	7.18	10.07	90.94
SQU-US	2025-07-25 22:45:00	13.22	33.21	0.38	7.18	10.08	94.87
SQU-US	2025-07-25 23:00:00	13.19	32.33	0.38	7.18	10.06	103.74
SQU-US	2025-07-25 23:15:00	13.17	32.66	0.37	7.22	10.06	101.77
SQU-US	2025-07-25 23:30:00	13.13	32.81	0.37	7.19	10.04	101.71
SQU-US	2025-07-25 23:45:00	13.10	33.36	0.36	7.07	10.02	105.70
SQU-US	2025-07-26 00:00:00	13.05	33.55	0.35	7.04	10.01	98.27
SQU-US	2025-07-26 00:15:00	13.01	33.18	0.35	7.01	10.00	117.95
SQU-US	2025-07-26 00:30:00	12.96	32.09	0.34	7.13	10.04	98.68
SQU-US	2025-07-26 00:45:00	12.90	32.11	0.34	7.10	10.05	95.44
SQU-US	2025-07-26 01:00:00	12.83	32.20	0.35	7.11	10.06	106.38
SQU-US	2025-07-26 01:15:00	12.75	31.97	0.35	7.16	10.08	99.88
SQU-US	2025-07-26 01:30:00	12.67	31.19	0.36	7.00	10.10	107.29
SQU-US	2025-07-26 01:45:00	12.60	31.24	0.36	7.08	10.12	110.18
SQU-US	2025-07-26 02:00:00	12.50	30.97	0.35	7.12	10.14	119.20
SQU-US	2025-07-26 02:15:00	12.42	30.84	0.35	7.14	10.16	129.12
SQU-US	2025-07-26 02:30:00	12.36	30.83	0.36	7.08	10.17	122.94
SQU-US	2025-07-26 02:45:00	12.28	30.80	0.36	7.13	10.18	118.88
SQU-US	2025-07-26 03:00:00	12.23	30.66	0.36	7.18	10.19	117.45
SQU-US	2025-07-26 03:15:00	12.17	30.28	0.36	7.20	10.20	158.23
SQU-US	2025-07-26 03:30:00	12.12	29.96	0.36	7.18	10.23	132.35
SQU-US	2025-07-26 03:45:00	12.07	29.65	0.36	7.20	10.25	134.58
SQU-US	2025-07-26 04:00:00	12.02	29.96	0.37	7.07	10.26	150.89
SQU-US	2025-07-26 04:15:00	11.96	29.72	0.37	7.12	10.28	188.02
SQU-US	2025-07-26 04:30:00	11.90	29.65	0.38	7.13	10.29	120.31
SQU-US	2025-07-26 04:45:00	11.85	29.35	0.38	7.13	10.30	136.09
SQU-US	2025-07-26 05:00:00	11.78	29.25	0.38	7.21	10.32	161.98
SQU-US	2025-07-26 05:15:00	11.72	29.20	0.38	7.19	10.34	151.83
SQU-US	2025-07-26 05:30:00	11.67	28.76	0.38	7.14	10.35	153.97
SQU-US	2025-07-26 05:45:00	11.62	28.64	0.38	7.18	10.35	136.73
SQU-US	2025-07-26 06:00:00	11.58	28.66	0.39	7.11	10.37	155.88
SQU-US	2025-07-26 06:15:00	11.53	28.81	0.39	7.11	10.39	161.26
SQU-US	2025-07-26 06:30:00	11.50	28.72	0.39	7.10	10.40	134.29
SQU-US	2025-07-26 06:45:00	11.48	29.05	0.38	7.14	10.39	182.30
SQU-US	2025-07-26 07:00:00	11.45	29.03	0.38	7.18	10.40	160.30
SQU-US	2025-07-26 07:15:00	11.43	29.19	0.38	7.19	10.40	122.57
SQU-US	2025-07-26 07:30:00	11.41	30.13	0.39	6.94	10.38	135.49
SQU-US	2025-07-26 07:45:00	11.39	30.23	0.37	7.12	10.37	170.33
SQU-US	2025-07-26 08:00:00	11.38	30.38	0.37	6.97	10.34	142.89
SQU-US	2025-07-26 08:15:00	11.38	30.74	0.36	7.03	10.35	144.49
SQU-US	2025-07-26 08:30:00	11.36	30.91	0.35	7.06	10.37	149.49
SQU-US	2025-07-26 08:45:00	11.36	30.46	0.35	7.05	10.38	143.12
SQU-US	2025-07-26 09:00:00	11.35	30.44	0.35	7.11	10.39	127.75
SQU-US	2025-07-26 09:15:00	11.36	29.98	0.35	7.07	10.41	130.21
SQU-US	2025-07-26 09:30:00	11.37	30.01	0.35	7.14	10.43	127.47

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-26 09:45:00	11.38	29.95	0.35	7.17	10.44	121.74
SQU-US	2025-07-26 10:00:00	11.39	30.06	0.36	7.05	10.44	133.40
SQU-US	2025-07-26 10:15:00	11.41	30.16	0.36	6.99	10.45	120.12
SQU-US	2025-07-26 10:30:00	11.42	30.31	0.36	7.06	10.46	116.24
SQU-US	2025-07-26 10:45:00	11.48	30.62	0.36	7.10	10.45	128.30
SQU-US	2025-07-26 11:00:00	11.57	30.56	0.36	7.17	10.48	95.10
SQU-US	2025-07-26 11:15:00	11.64	30.34	0.37	6.94	10.47	125.04
SQU-US	2025-07-26 11:30:00	11.66	30.67	0.37	6.90	10.46	113.93
SQU-US	2025-07-26 11:45:00	11.67	30.97	0.36	7.18	10.49	132.38
SQU-US	2025-07-26 12:00:00	11.68	30.54	0.36	7.11	10.48	88.62
SQU-US	2025-07-26 12:15:00	11.66	30.93	0.36	7.05	10.48	104.31
SQU-US	2025-07-26 12:30:00	11.65	31.08	0.36	7.10	10.50	101.33
SQU-US	2025-07-26 12:45:00	11.64	31.19	0.36	6.97	10.48	120.53
SQU-US	2025-07-26 13:00:00	11.65	31.67	0.36	7.14	10.49	108.18
SQU-US	2025-07-26 13:15:00	11.66	31.38	0.37	6.91	10.49	152.67
SQU-US	2025-07-26 13:30:00	11.70	31.84	0.36	7.04	10.49	100.39
SQU-US	2025-07-26 13:45:00	11.81	32.18	0.36	7.12	10.49	99.68
SQU-US	2025-07-26 14:00:00	11.96	31.89	0.36	7.10	10.49	87.42
SQU-US	2025-07-26 14:15:00	12.11	32.02	0.36	7.07	10.47	95.53
SQU-US	2025-07-26 14:30:00	12.22	31.89	0.36	7.13	10.48	113.72
SQU-US	2025-07-26 14:45:00	12.30	31.78	0.36	7.00	10.46	98.27
SQU-US	2025-07-26 15:00:00	12.39	32.02	0.36	7.08	10.46	101.65
SQU-US	2025-07-26 15:15:00	12.49	32.29	0.36	7.07	10.45	85.94
SQU-US	2025-07-26 15:30:00	12.57	32.43	0.37	6.94	10.41	97.64
SQU-US	2025-07-26 15:45:00	12.65	32.53	0.35	7.18	10.40	91.46
SQU-US	2025-07-26 16:00:00	12.73	32.68	0.36	7.14	10.40	86.80
SQU-US	2025-07-26 16:15:00	12.80	32.80	0.36	7.09	10.38	86.55
SQU-US	2025-07-26 16:30:00	12.85	33.01	0.36	7.06	10.37	81.97
SQU-US	2025-07-26 16:45:00	12.87	33.48	0.37	6.90	10.35	84.41
SQU-US	2025-07-26 17:00:00	12.87	33.64	0.36	7.06	10.35	88.35
SQU-US	2025-07-26 17:15:00	12.86	33.59	0.35	7.14	10.34	78.76
SQU-US	2025-07-26 17:30:00	12.81	33.30	0.36	7.07	10.36	87.95
SQU-US	2025-07-26 17:45:00	12.78	33.49	0.36	7.11	10.35	88.39
SQU-US	2025-07-26 18:00:00	12.75	32.97	0.36	7.09	10.36	84.03
SQU-US	2025-07-26 18:15:00	12.71	33.01	0.35	7.16	10.37	88.01
SQU-US	2025-07-26 18:30:00	12.67	32.12	0.36	7.17	10.38	91.73
SQU-US	2025-07-26 18:45:00	12.63	32.18	0.36	7.16	10.38	95.71
SQU-US	2025-07-26 19:00:00	12.58	32.00	0.36	7.19	10.39	91.31
SQU-US	2025-07-26 19:15:00	12.53	31.67	0.36	7.25	10.39	97.36
SQU-US	2025-07-26 19:30:00	12.50	31.56	0.37	7.23	10.39	85.55
SQU-US	2025-07-26 19:45:00	12.47	31.69	0.37	7.26	10.39	72.25
SQU-US	2025-07-26 20:00:00	12.45	32.20	0.38	7.18	10.37	84.56
SQU-US	2025-07-26 20:15:00	12.41	32.07	0.38	7.15	10.37	76.41
SQU-US	2025-07-26 20:30:00	12.38	32.81	0.38	7.17	10.35	86.47
SQU-US	2025-07-26 20:45:00	12.34	33.39	0.38	7.19	10.34	80.89
SQU-US	2025-07-26 21:00:00	12.33	34.33	0.38	7.24	10.32	65.48
SQU-US	2025-07-26 21:15:00	12.32	35.52	0.38	7.23	10.29	73.65
SQU-US	2025-07-26 21:30:00	12.35	35.83	0.38	7.18	10.26	92.11
SQU-US	2025-07-26 21:45:00	12.37	36.56	0.37	7.26	10.24	80.03
SQU-US	2025-07-26 22:00:00	12.39	38.05	0.38	7.20	10.19	57.87
SQU-US	2025-07-26 22:15:00	12.42	37.62	0.38	7.17	10.17	71.32
SQU-US	2025-07-26 22:30:00	12.43	37.60	0.38	7.18	10.15	68.03
SQU-US	2025-07-26 22:45:00	12.44	37.89	0.38	7.15	10.14	83.29
SQU-US	2025-07-26 23:00:00	12.44	37.57	0.37	7.22	10.14	73.97

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-26 23:15:00	12.47	39.39	0.36	7.20	10.07	61.96
SQU-US	2025-07-26 23:30:00	12.49	39.64	0.34	7.14	10.02	81.56
SQU-US	2025-07-26 23:45:00	12.50	38.49	0.34	7.16	10.03	93.52
SQU-US	2025-07-27 00:00:00	12.51	37.87	0.34	7.12	10.05	104.46
SQU-US	2025-07-27 00:15:00	12.51	37.30	0.34	7.10	10.07	91.42
SQU-US	2025-07-27 00:30:00	12.50	36.49	0.35	7.10	10.07	85.97
SQU-US	2025-07-27 00:45:00	12.49	35.89	0.35	7.11	10.08	81.71
SQU-US	2025-07-27 01:00:00	12.46	35.34	0.35	7.21	10.10	89.85
SQU-US	2025-07-27 01:15:00	12.42	35.53	0.35	7.21	10.10	79.33
SQU-US	2025-07-27 01:30:00	12.38	34.72	0.35	7.19	10.11	111.45
SQU-US	2025-07-27 01:45:00	12.32	34.49	0.37	7.00	10.13	86.12
SQU-US	2025-07-27 02:00:00	12.27	34.45	0.36	7.13	10.13	96.05
SQU-US	2025-07-27 02:15:00	12.23	34.24	0.36	7.05	10.14	75.47
SQU-US	2025-07-27 02:30:00	12.17	34.43	0.36	7.14	10.16	101.53
SQU-US	2025-07-27 02:45:00	12.12	34.21	0.36	7.15	10.17	116.03
SQU-US	2025-07-27 03:00:00	12.07	34.22	0.37	6.94	10.18	92.57
SQU-US	2025-07-27 03:15:00	12.01	34.22	0.36	7.04	10.19	92.20
SQU-US	2025-07-27 03:30:00	11.95	34.28	0.37	6.98	10.21	97.13
SQU-US	2025-07-27 03:45:00	11.89	34.16	0.36	7.17	10.23	94.67
SQU-US	2025-07-27 04:00:00	11.84	34.08	0.37	6.96	10.24	100.60
SQU-US	2025-07-27 04:15:00	11.78	34.15	0.35	7.18	10.25	99.09
SQU-US	2025-07-27 04:30:00	11.73	33.91	0.36	7.15	10.25	108.23
SQU-US	2025-07-27 04:45:00	11.67	34.16	0.36	7.16	10.27	147.82
SQU-US	2025-07-27 05:00:00	11.62	33.73	0.37	6.97	10.29	108.24
SQU-US	2025-07-27 05:15:00	11.57	33.55	0.36	7.12	10.30	119.77
SQU-US	2025-07-27 05:30:00	11.52	33.43	0.37	7.07	10.32	124.88
SQU-US	2025-07-27 05:45:00	11.47	33.37	0.36	7.22	10.33	116.04
SQU-US	2025-07-27 06:00:00	11.39	33.48	0.36	7.15	10.35	121.54
SQU-US	2025-07-27 06:15:00	11.33	33.14	0.36	7.12	10.36	143.00
SQU-US	2025-07-27 06:30:00	11.27	33.00	0.36	7.13	10.39	159.20
SQU-US	2025-07-27 06:45:00	11.19	33.14	0.37	7.06	10.40	113.54
SQU-US	2025-07-27 07:00:00	11.15	32.75	0.37	7.11	10.41	149.93
SQU-US	2025-07-27 07:15:00	11.10	32.56	0.37	7.14	10.44	153.84
SQU-US	2025-07-27 07:30:00	11.08	32.61	0.37	7.18	10.45	167.07
SQU-US	2025-07-27 07:45:00	11.07	32.88	0.37	7.15	10.45	130.16
SQU-US	2025-07-27 08:00:00	11.06	33.06	0.37	7.15	10.47	156.51
SQU-US	2025-07-27 08:15:00	11.06	33.25	0.36	7.13	10.48	134.05
SQU-US	2025-07-27 08:30:00	11.08	33.52	0.36	7.10	10.48	135.76
SQU-US	2025-07-27 08:45:00	11.12	33.48	0.37	7.06	10.49	141.12
SQU-US	2025-07-27 09:00:00	11.16	33.56	0.36	7.21	10.51	98.69
SQU-US	2025-07-27 09:15:00	11.22	33.63	0.36	7.11	10.50	121.01
SQU-US	2025-07-27 09:30:00	11.28	33.46	0.37	7.03	10.50	130.42
SQU-US	2025-07-27 09:45:00	11.35	33.40	0.37	7.06	10.51	117.02
SQU-US	2025-07-27 10:00:00	11.44	33.01	0.36	7.13	10.51	119.17
SQU-US	2025-07-27 10:15:00	11.52	33.02	0.36	7.11	10.50	116.57
SQU-US	2025-07-27 10:30:00	11.62	33.04	0.36	7.03	10.46	126.39
SQU-US	2025-07-27 10:45:00	11.72	33.00	0.37	6.94	10.46	126.08
SQU-US	2025-07-27 11:00:00	11.83	33.15	0.36	7.16	10.45	97.75
SQU-US	2025-07-27 11:15:00	11.93	32.71	0.36	7.06	10.46	118.92
SQU-US	2025-07-27 11:30:00	12.04	32.92	0.36	7.12	10.44	114.31
SQU-US	2025-07-27 11:45:00	12.14	32.77	0.36	7.08	10.44	106.09
SQU-US	2025-07-27 12:00:00	12.24	32.52	0.36	7.16	10.46	111.93
SQU-US	2025-07-27 12:15:00	12.34	32.15	0.36	7.06	10.45	123.70
SQU-US	2025-07-27 12:30:00	12.44	32.43	0.36	7.13	10.43	111.23

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-27 12:45:00	12.53	32.46	0.36	7.13	10.42	119.03
SQU-US	2025-07-27 13:00:00	12.63	32.46	0.36	7.10	10.41	101.73
SQU-US	2025-07-27 13:15:00	12.73	32.75	0.36	7.07	10.38	113.22
SQU-US	2025-07-27 13:30:00	12.82	33.23	0.36	7.07	10.38	103.53
SQU-US	2025-07-27 13:45:00	12.92	33.58	0.37	6.97	10.38	100.18
SQU-US	2025-07-27 14:00:00	12.99	33.33	0.36	7.13	10.37	101.16
SQU-US	2025-07-27 14:15:00	13.07	33.49	0.36	7.13	10.36	103.05
SQU-US	2025-07-27 14:30:00	13.13	33.55	0.36	7.14	10.34	124.62
SQU-US	2025-07-27 14:45:00	13.22	33.62	0.36	7.17	10.35	109.11
SQU-US	2025-07-27 15:00:00	13.29	33.68	0.36	7.05	10.34	103.31
SQU-US	2025-07-27 15:15:00	13.38	34.21	0.36	7.07	10.33	100.45
SQU-US	2025-07-27 15:30:00	13.46	33.74	0.36	7.19	10.32	97.81
SQU-US	2025-07-27 15:45:00	13.56	34.93	0.36	7.10	10.30	101.95
SQU-US	2025-07-27 16:00:00	13.64	35.07	0.36	7.17	10.29	90.39
SQU-US	2025-07-27 16:15:00	13.70	35.96	0.35	7.19	10.27	96.08
SQU-US	2025-07-27 16:30:00	13.75	36.01	0.35	7.21	10.26	80.39
SQU-US	2025-07-27 16:45:00	13.79	36.30	0.35	7.19	10.25	98.22
SQU-US	2025-07-27 17:00:00	13.80	36.26	0.35	7.14	10.24	95.13
SQU-US	2025-07-27 17:15:00	13.82	37.00	0.35	7.06	10.24	93.75
SQU-US	2025-07-27 17:30:00	13.82	37.47	0.35	7.18	10.22	89.13
SQU-US	2025-07-27 17:45:00	13.81	37.89	0.36	7.06	10.20	97.09
SQU-US	2025-07-27 18:00:00	13.77	38.00	0.35	7.22	10.20	97.55
SQU-US	2025-07-27 18:15:00	13.72	38.06	0.35	7.20	10.19	83.76
SQU-US	2025-07-27 18:30:00	13.68	37.58	0.35	7.22	10.18	91.43
SQU-US	2025-07-27 18:45:00	13.64	37.40	0.35	7.19	10.19	112.76
SQU-US	2025-07-27 19:00:00	13.61	36.85	0.35	7.25	10.17	120.30
SQU-US	2025-07-27 19:15:00	13.57	36.43	0.35	7.27	10.17	102.19
SQU-US	2025-07-27 19:30:00	13.53	35.96	0.35	7.30	10.17	106.20
SQU-US	2025-07-27 19:45:00	13.48	35.67	0.36	7.29	10.17	115.46
SQU-US	2025-07-27 20:00:00	13.43	35.90	0.37	7.22	10.15	103.78
SQU-US	2025-07-27 20:15:00	13.43	35.32	0.37	7.21	10.14	101.32
SQU-US	2025-07-27 20:30:00	13.41	35.80	0.37	7.19	10.13	100.13
SQU-US	2025-07-27 20:45:00	13.39	35.66	0.37	7.23	10.12	96.21
SQU-US	2025-07-27 21:00:00	13.36	36.05	0.37	7.28	10.11	104.20
SQU-US	2025-07-27 21:15:00	13.32	36.44	0.37	7.30	10.09	106.10
SQU-US	2025-07-27 21:30:00	13.31	36.98	0.37	7.27	10.08	92.89
SQU-US	2025-07-27 21:45:00	13.29	37.81	0.37	7.28	10.06	92.36
SQU-US	2025-07-27 22:00:00	13.29	38.67	0.37	7.21	10.05	126.43
SQU-US	2025-07-27 22:15:00	13.26	39.22	0.37	7.20	10.03	92.24
SQU-US	2025-07-27 22:30:00	13.26	39.35	0.37	7.20	10.02	92.81
SQU-US	2025-07-27 22:45:00	13.24	40.10	0.37	7.18	9.98	105.15
SQU-US	2025-07-27 23:00:00	13.24	40.44	0.37	7.24	9.97	141.41
SQU-US	2025-07-27 23:15:00	13.25	39.61	0.37	7.25	9.97	133.35
SQU-US	2025-07-27 23:30:00	13.24	40.82	0.36	7.23	9.93	110.30
SQU-US	2025-07-27 23:45:00	13.23	41.18	0.35	7.16	9.88	121.45


Turbidity (NTU)
600
400
200
0
21-Jul
22-Jul
23-Jul
24-Jul
25-Jul
26-Jul
27-Jul
28-Jul
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 - Short Term Max [1]	**WLNG EOP 2025-07-22 09:25:00 [2]**
In situ Parameters			
Field pH	**pH Units**	6.5 - 9	6.65
Field Temperature	**°C**	19	13.6
General Parameters			
pH	**pH Units**		7.75
Alkalinity (Total as $CaCO_3$)	**mg/L**		47
Alkalinity (PP as $CaCO_3$)	**mg/L**		<1
Hardness ($CaCO_3$)-Total	**mg/L**		52.5
Hardness ($CaCO_3$)-Dissolved	**mg/L**		53.9
Sulphide-Total	**mg/L**		<0.0018
Sulphide (as H_2S)	**mg/L**		<0.002
Un-ionized Hydrogen Sulfide as H_2S-Total	**mg/L**		<0.0019
Un-ionized Hydrogen Sulfide as S-Total	**mg/L**		<0.0018
Anions and Nutrients			
Ammonia (N)-Total	**mg/L**	23.1	<0.015
Bicarbonate (HCO_3)	**mg/L**		57
Carbonate (CO_3)	**mg/L**		<1
Hydroxide (OH)	**mg/L**		<1
Nitrate (N)	**mg/L**	32.8	<0.02
Nitrite (N)	**mg/L**	0.6	<0.005
Nitrate plus Nitrite (N)	**mg/L**		<0.02
Nitrogen (N)-Total	**mg/L**		0.109
Phosphorus (P)-Total (4500-P)	**mg/L**		0.002
Bromide (Br)	**mg/L**		<0.01
Chloride (Cl)	**mg/L**	600	11
Fluoride (F)	**mg/L**	1.075	0.22
Sulphate (SO_4)-Dissolved	**mg/L**		8

[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.

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

Analyte	Unit	BC Approved Water Quality - Short Term Max [1]	**WLNG EOP 2025-07-22 09:25:00 [2]**
Total Metals			
Aluminum (Al)-Total	**mg/L**		0.0728
Antimony (Sb)-Total	**mg/L**	0.25	0.000795
Arsenic (As)-Total	**mg/L**		0.00131
Barium (Ba)-Total	**mg/L**		0.0059
Beryllium (Be)-Total	**mg/L**		<0.00001
Bismuth (Bi)-Total	**mg/L**		<0.000005
Boron (B)-Total	**mg/L**		0.014
Cadmium (Cd)-Total	**mg/L**		0.0000149
Calcium (Ca)-Total	**mg/L**		19.5
Cesium (Cs)-Total	**mg/L**		<0.00005
Chromium (Cr)-Total	**mg/L**		<0.0001
Chromium (Cr III)-Total	**mg/L**		<0.00099
Chromium (Cr VI)-Total	**mg/L**		<0.00099
Cobalt (Co)-Total	**mg/L**		0.0000418
Copper (Cu)-Total	**mg/L**		0.000712
Iron (Fe)-Total	**mg/L**	1	0.0119
Lead (Pb)-Total	**mg/L**		0.000053
Lithium (Li)-Total	**mg/L**		0.00424
Magnesium (Mg)-Total	**mg/L**		0.902
Manganese (Mn)-Total	**mg/L**	1.119	0.0374
Mercury (Hg)-Total	**mg/L**		<0.0000019
Molybdenum (Mo)-Total	**mg/L**	46	0.0188
Nickel (Ni)-Total	**mg/L**		0.000149
Phosphorus (P)-Total (ICPMS)	**mg/L**		0.0042
Potassium (K)-Total	**mg/L**		1.84
Rubidium (Rb)-Total	**mg/L**		0.00387
Selenium (Se)-Total	**mg/L**		<0.00004
Silicon (Si)-Total	**mg/L**		6.13
Silver (Ag)-Total	**mg/L**		<0.000005
Sodium (Na)-Total	**mg/L**		6.03
Strontium (Sr)-Total	**mg/L**		0.0434
Sulphur (S)-Total	**mg/L**		<3
Tellurium (Te)-Total	**mg/L**		<0.00002
Thallium (Tl)-Total	**mg/L**		0.0000169
Thorium (Th)-Total	**mg/L**		<0.00005
Tin (Sn)-Total	**mg/L**		<0.0002
Titanium (Ti)-Total	**mg/L**		<0.0005
Uranium (U)-Total	**mg/L**	0.0165	0.000331
Vanadium (V)-Total	**mg/L**		<0.0002
Zinc (Zn)-Total	**mg/L**		0.00313
Zirconium (Zr)-Total	**mg/L**		<0.0001

[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.

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

Analyte	Unit	BC Approved Water Quality - Short Term Max [1]	**WLNG EOP 2025-07-22 09:25:00 [2]**
Dissolved Metals			
Aluminum (Al)-Dissolved	**mg/L**		0.0399
Antimony (Sb)-Dissolved	**mg/L**		0.000797
Arsenic (As)-Dissolved	**mg/L**		0.00129
Barium (Ba)-Dissolved	**mg/L**		0.00595
Beryllium (Be)-Dissolved	**mg/L**		<0.00001
Bismuth (Bi)-Dissolved	**mg/L**		<0.000005
Boron (B)-Dissolved	**mg/L**		0.017
Cadmium (Cd)-Dissolved	**mg/L**	0.000303	0.0000107
Calcium (Ca)-Dissolved	**mg/L**		19.9
Cesium (Cs)-Dissolved	**mg/L**		<0.00005
Chromium (Cr)-Dissolved	**mg/L**		<0.0001
Cobalt (Co)-Dissolved	**mg/L**		0.0000329
Copper (Cu)-Dissolved	**mg/L**	0.0002	**0.00047**
Iron (Fe)-Dissolved	**mg/L**	0.35	<0.001
Lead (Pb)-Dissolved	**mg/L**		<0.000005
Lithium (Li)-Dissolved	**mg/L**		0.00475
Manganese (Mn)-Dissolved	**mg/L**		0.0349
Magnesium (Mg)-Dissolved	**mg/L**		0.999
Mercury (Hg)-Dissolved	**mg/L**		0.0000023
Molybdenum (Mo)-Dissolved	**mg/L**		0.0199
Nickel (Ni)-Dissolved	**mg/L**	0.018	0.000172
Phosphorus (P)-Dissolved	**mg/L**		<0.002
Potassium (K)-Dissolved	**mg/L**		1.85
Rubidium (Rb)-Dissolved	**mg/L**		0.00418
Selenium (Se)-Dissolved	**mg/L**		<0.00004
Silicon (Si)-Dissolved	**mg/L**		6.5
Silver (Ag)-Dissolved	**mg/L**		<0.000005
Sodium (Na)-Dissolved	**mg/L**		6.6
Strontium (Sr)-Dissolved	**mg/L**		0.0431
Sulphur (S)-Dissolved	**mg/L**		<3
Tellurium (Te)-Dissolved	**mg/L**		<0.00002
Thallium (Tl)-Dissolved	**mg/L**		0.0000175
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**		0.0003
Vanadium (V)-Dissolved	**mg/L**		<0.0002
Zinc (Zn)-Dissolved	**mg/L**	0.02211	0.00257
Zirconium (Zr)-Dissolved	**mg/L**		<0.0001

[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.

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

Analyte	Unit	BC Approved Water Quality - Short Term Max [1]	**WLNG EOP 2025-07-22 09:25:00 [2]**
Inorganics			
Organic Carbon (C)-Total	**mg/L**		0.9
Organic Carbon (C)-Dissolved	**mg/L**		0.86
Solids-Total Dissolved	**mg/L**		92
Solids-Total Suspended	**mg/L**	37	<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
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
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] 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.

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

Analyte	Unit	BC Approved Water Quality - Short Term Max [1]	**WLNG EOP 2025-07-22 09:25:00 [2]**
Organics (cont'd.)			
1,1-Dichloroethane	**mg/L**		<0.0005
1,1-Dichloroethene	**mg/L**		<0.0005
1,2,3-trichlorobenzene	**mg/L**		<0.002
1,2,4-trichlorobenzene	**mg/L**		<0.002
1,2-dibromoethane	**mg/L**		<0.0002
1,2-Dichlorobenzene	**mg/L**		<0.0005
1,2-Dichloroethane	**mg/L**		<0.0005
1,2-Dichloropropane	**mg/L**		<0.0005
1,3,5-trimethylbenzene	**mg/L**		<0.002
1,3-Butadiene	**mg/L**		<0.0005
1,3-Dichlorobenzene	**mg/L**		<0.0005
1,3-dichloropropane	**mg/L**		<0.001
1,4-Dichlorobenzene	**mg/L**		<0.0005
Benzene	**mg/L**		<0.0004
Bromobenzene	**mg/L**		<0.002
Bromodichloromethane	**mg/L**		<0.001
Bromoform	**mg/L**		<0.001
Bromomethane	**mg/L**		<0.001
Carbon tetrachloride	**mg/L**		<0.0005
Chlorobenzene	**mg/L**		<0.0005
Chloroethane	**mg/L**		<0.001
Chloroform	**mg/L**		<0.001
Chloromethane	**mg/L**		<0.001
cis-1,2-Dichloroethene	**mg/L**		<0.001
cis-1,3-Dichloropropene	**mg/L**		<0.001
Dibromochloromethane	**mg/L**		<0.001
Dichlorodifluoromethane	**mg/L**		<0.002
Dichloromethane	**mg/L**		<0.002
Ethylbenzene	**mg/L**		<0.0004
Hexachlorobutadiene	**mg/L**		<0.0005
Isopropylbenzene	**mg/L**		<0.002
Methyl-tert-butylether (MTBE)	**mg/L**	3.4	<0.004
Styrene	**mg/L**		0.0023
Tetrachloroethene	**mg/L**		<0.0005
Toluene	**mg/L**		<0.0004

[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.

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

Analyte	Unit	BC Approved Water Quality - Short Term Max [1]	**WLNG EOP 2025-07-22 09:25:00 [2]**
Organics (cont'd.)			
trans-1,2-dichloroethene	**mg/L**		<0.001
trans-1,3-dichloropropene	**mg/L**		<0.001
Trichloroethene	**mg/L**		<0.0005
Trichlorofluoromethane	**mg/L**		<0.004
Vinyl chloride	**mg/L**		<0.0005
VPH (VH6 to 10 - BTEX)	**mg/L**		<0.3
Xylenes (Total)	**mg/L**		<0.0004
m & p-Xylene	**mg/L**		<0.0004
o-Xylene	**mg/L**		<0.0004
Phenols	**mg/L**	0.05	<0.0015

[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.

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

Woodfibre Site WTP Discharge Field Notes and Logs

Water Quality Field Data Sheet

Project: FORTIS11234

Location Information

Site ID: WLNG EOP
Site Name: East Creek
Crew: WB
Weather: Sunny
Date: July 22, 2025
Time: 9:25

In Situ Parameters

pH: 6.65
Temp.: 13.6 (°C)
Turbidity: 3.73 NTU
DO: 1.22 (mg/L)
Cond: 170.3 (us)

Visible Sheen: NA
Water Surface Condition: Clear

Photo Record

Photo

Photo

Photo

Observations

Water Quality Field Data Sheet

Project: FORTIS11234

Location Information

Site ID:	DUP - WLNG EOP	**Date:**	July 22, 2025
Site Name:	East Creek	**Time:**	9:25
Site UTM: Zone:	E:	**Crew:**	WB
(NAD83)	N:	**Weather:**	Sunny

In Situ Parameters

pH:	6.65	DO:	1.22 (mg/L)
Temp.:	13.6 (°C)	Cond:	133.1 (us)
Turbidity:	3.73 NTU		

Visible Sheen: Y / N

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 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 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 21 was 432,468 m^3.

Daily Volume Summary:

Table 1: Discharge Volumes Daily Summary

Date	Location	Volume (m3)	Comments
July 21	Woodfibre (WF)	2,267	Exceeded discharge volume limit
July 22	WF	2,338	Exceeded discharge volume limit
July 23	WF	2,343	Exceeded discharge volume limit
July 24	WF	2,305	Exceeded discharge volume limit
July 25	WF	2,136	Exceeded discharge volume limit
July 26	WF	2,287	Exceeded discharge volume limit
July 27	WF	2,244	Exceeded discharge volume limit
	Total	15,483	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)
7/21/2025	0:00:00	7.4	2.634	0.1	432,468	13.2	266
7/21/2025	0:30:00	7.4	2.646	0	432,519	13.4	265
7/21/2025	0:45:00	7.4	2.623	0	432,558	13.4	263
7/21/2025	1:00:00	7.4	2.415	0	432,580	13.6	262
7/21/2025	1:15:00	7.4	2.691	0	432,615	13.5	261
7/21/2025	1:30:00	7.4	2.680	0	432,638	13.6	261
7/21/2025	1:45:00	7.4	2.854	0	432,670	13.6	261
7/21/2025	2:00:00	7.5	2.850	0	432,700	13.6	119
7/21/2025	2:15:00	7.5	2.850	0	432,727	13.7	117
7/21/2025	2:30:00	7.5	2.839	0.1	432,767	13.4	116
7/21/2025	2:45:00	7.4	2.846	0	432,798	13.5	256
7/21/2025	3:00:00	7.4	2.808	0	432,840	13.1	258
7/21/2025	3:15:00	7.4	2.574	0	432,873	13.1	258
7/21/2025	3:30:00	7.4	2.589	0.7	432,894	13	261
7/21/2025	3:45:00	7.4	2.521	0	432,920	13	261
7/21/2025	4:00:00	7.4	2.597	0.2	432,950	13	263
7/21/2025	4:30:00	7.4	2.578	0.3	433,015	13.1	266
7/21/2025	5:00:00	7.5	2.547	0.1	433,030	13.4	261
7/21/2025	5:15:00	7.3	2.551	0.1	433,069	13.2	266
7/21/2025	5:30:00	7.3	2.517	0	433,100	13.2	266
7/21/2025	5:45:00	7.3	2.521	0	433,138	13.2	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 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/21/2025	6:30:00	7.3	2.532	0.3	433,215	13.1	266
7/21/2025	6:45:00	7.3	2.498	0.8	433,253	13.1	268
7/21/2025	7:00:00	7.3	2.604	0.4	433,284	13.1	268
7/21/2025	7:15:00	7.3	2.589	1.6	433,323	13.1	266
7/21/2025	7:30:00	7.3	2.585	2.5	433,349	13	264
7/21/2025	7:45:00	7.3	2.456	2.4	433,383	12.9	264
7/21/2025	8:00:00	7.3	2.445	6.1	433,419	12.9	261
7/21/2025	8:15:00	7.3	2.475	7.8	433,456	12.9	261
7/21/2025	8:30:00	7.3	1.628	4	433,486	13	261
7/21/2025	8:45:00	7.3	2.453	1	433,515	13	264
7/21/2025	9:00:00	7.3	2.422	0	433,551	13.1	263
7/21/2025	9:15:00	7.3	2.456	0.1	433,588	13.2	263
7/21/2025	10:00:00	7.3	2.877	0.3	433,637	13.3	264
7/21/2025	10:15:00	7.3	2.858	0.2	433,680	13.4	264
7/21/2025	10:45:00	7.3	2.525	0	433,744	13.6	264
7/21/2025	11:15:00	7.3	2.536	0.2	433,791	13.6	264
7/21/2025	11:30:00	7.3	2.536	0.1	433,829	13.7	264
7/21/2025	11:45:00	7.3	2.063	0.1	433,865	13.8	264
7/21/2025	12:00:00	7.3	2.521	0	433,891	13.9	263
7/21/2025	13:15:00	7.3	2.006	0.2	433,923	14.2	263
7/21/2025	13:30:00	7.3	2.566	0	433,958	14.2	265
7/21/2025	13:45:00	7.3	2.676	0	433,997	14.2	265
7/21/2025	14:00:00	7.3	2.241	8	434,037	14.3	265
7/21/2025	14:15:00	7.3	2.759	0.2	434,071	14.2	263
7/21/2025	14:30:00	7.3	2.740	0	434,112	14.3	263

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/21/2025	14:45:00	7.3	1.718	4.8	434,152	14.3	263
7/21/2025	15:00:00	7.3	2.706	0	434,184	14.3	263
7/21/2025	15:15:00	7.3	2.797	0	434,226	14.3	263
7/21/2025	15:30:00	7.3	2.752	0	434,267	14.2	263
7/21/2025	15:45:00	7.3	2.820	0	434,309	14.3	262
7/21/2025	16:00:00	7.3	2.778	0	434,351	14.2	262
7/21/2025	16:15:00	7.3	1.813	1.4	434,370	14.1	260
7/21/2025	16:30:00	7.3	2.578	0	434,402	13.8	264
7/21/2025	16:45:00	7.3	2.566	0	434,441	13.7	264
7/21/2025	17:15:00	7.3	2.877	0	434,507	13.9	262
7/21/2025	17:45:00	7.3	2.245	0	434,574	14.1	264
7/21/2025	18:00:00	7.3	2.778	0	434,604	14	264
7/21/2025	18:15:00	7.3	2.752	0	434,646	14	264
7/21/2025	19:00:00	7.3	2.612	0	434,737	13.9	265
7/21/2025	19:45:00	7.4	2.763	1.4	434,776	13.7	258
7/21/2025	20:15:00	7.3	2.771	0.9	434,839	13.5	261
7/21/2025	20:30:00	7.3	2.755	0.9	434,880	13.5	263
7/21/2025	20:45:00	7.3	1.241	0.6	434,908	13.6	264
7/21/2025	21:00:00	7.3	2.676	0	434,946	13.5	266
7/21/2025	21:15:00	7.3	2.634	0.2	434,986	13.5	266
7/21/2025	21:30:00	7.3	1.378	1.3	435,016	13.5	266
7/21/2025	21:45:00	7.3	2.600	0	435,053	13.5	266
7/21/2025	22:00:00	7.3	2.597	0	435,092	13.6	266
7/21/2025	22:15:00	7.3	1.321	4.1	435,122	13.4	266
7/21/2025	22:30:00	7.3	2.638	0	435,160	13.4	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 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/21/2025	22:45:00	7.3	2.623	0	435,199	13.4	266
7/21/2025	23:00:00	7.4	1.389	0	435,229	13.3	268
7/21/2025	23:15:00	7.4	2.562	0	435,267	13.4	268
7/21/2025	23:45:00	7.4	1.283	0	435,316	13.5	265
7/22/2025	0:15:00	7.4	2.619	0	435,359	13.9	267
7/22/2025	0:30:00	7.4	1.408	0	435,390	13.7	268
7/22/2025	0:45:00	7.4	2.619	0	435,428	13.9	268
7/22/2025	1:00:00	7.4	2.612	0	435,467	14	268
7/22/2025	1:15:00	7.3	1.446	0.2	435,499	14.1	269
7/22/2025	1:30:00	7.3	2.801	0	435,537	14.2	267
7/22/2025	1:45:00	7.3	2.759	0	435,579	14.3	268
7/22/2025	2:00:00	7.3	1.612	0	435,609	13.9	268
7/22/2025	2:15:00	7.2	2.668	0	435,648	14.1	268
7/22/2025	2:45:00	7.2	1.336	0.7	435,689	13.8	266
7/22/2025	3:00:00	7.2	2.767	1.1	435,727	13.9	267
7/22/2025	3:30:00	7.3	2.619	0.1	435,795	14	263
7/22/2025	4:30:00	7.3	2.767	0	435,922	13.9	261
7/22/2025	4:45:00	7.3	1.858	2	435,961	13.9	261
7/22/2025	5:00:00	7.3	2.642	0	435,998	14.1	261
7/22/2025	5:15:00	7.3	2.634	3.7	436,037	14.1	261
7/22/2025	5:30:00	7.3	1.419	5.6	436,072	14	261
7/22/2025	5:45:00	7.3	2.441	1.6	436,104	13.8	263
7/22/2025	6:00:00	7.3	2.430	0	436,141	13.9	261
7/22/2025	6:15:00	7.3	1.272	0.1	436,174	13.9	263
7/22/2025	6:30:00	7.4	2.661	0	436,206	13.8	266

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/22/2025	6:45:00	7.4	2.631	0	436,224	14.2	263
7/22/2025	7:00:00	7.4	2.067	0	436,249	14.1	264
7/22/2025	7:15:00	7.3	2.661	0	436,286	13.7	264
7/22/2025	7:30:00	7.3	2.631	0	436,325	13.6	261
7/22/2025	8:00:00	7.3	2.612	0	436,380	13.5	260
7/22/2025	8:15:00	7.3	2.744	0.6	436,419	13.3	260
7/22/2025	8:30:00	7.3	2.892	0	436,461	13.2	262
7/22/2025	9:00:00	7.5	2.222	0.1	436,477	14.2	258
7/22/2025	9:15:00	7.3	2.040	0	436,506	13.4	264
7/22/2025	9:30:00	7.3	2.502	0	436,535	13.5	266
7/22/2025	9:45:00	7.3	2.680	0	436,574	13.7	266
7/22/2025	10:00:00	7.3	2.672	0	436,605	13.7	264
7/22/2025	10:15:00	7.3	2.691	0	436,645	13.7	265
7/22/2025	10:30:00	7.3	2.805	0	436,687	13.9	264
7/22/2025	10:45:00	7.3	2.767	0	436,729	14	267
7/22/2025	11:00:00	7.4	2.786	0	436,770	14	267
7/22/2025	11:30:00	7.4	2.048	0	436,826	14.2	263
7/22/2025	11:45:00	7.4	2.714	0	436,861	14.1	267
7/22/2025	12:45:00	7.4	2.740	0	436,907	14.6	262
7/22/2025	13:00:00	7.4	2.808	0	436,949	14.3	267
7/22/2025	13:15:00	7.4	2.835	0	436,978	14.4	265
7/22/2025	13:45:00	7.4	2.797	0	437,037	14.6	267
7/22/2025	14:00:00	7.4	2.748	0	437,079	14.6	267
7/22/2025	14:15:00	7.4	2.930	0	437,105	14.7	267
7/22/2025	14:30:00	7.4	2.952	0	437,134	14.7	267

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/22/2025	14:45:00	7.4	2.729	0	437,165	14.8	266
7/22/2025	15:15:00	7.4	2.547	0	437,224	14.6	266
7/22/2025	15:30:00	7.3	2.793	0	437,263	14.6	266
7/22/2025	15:45:00	7.3	2.771	0	437,300	14.6	266
7/22/2025	16:00:00	7.3	2.759	0	437,342	14.5	266
7/22/2025	16:15:00	7.3	2.748	0	437,383	14.5	266
7/22/2025	16:30:00	7.3	2.786	0	437,420	14.5	266
7/22/2025	16:45:00	7.3	2.740	0	437,461	14.5	266
7/22/2025	17:00:00	7.3	2.737	0	437,503	14.5	266
7/22/2025	17:15:00	7.3	2.782	0	437,527	14.7	266
7/22/2025	17:30:00	7.3	2.725	0.1	437,555	14.4	264
7/22/2025	17:45:00	7.3	2.740	0	437,581	14.4	266
7/22/2025	18:00:00	7.3	2.824	0.4	437,604	14.1	266
7/22/2025	18:15:00	7.3	2.873	0	437,647	14	266
7/22/2025	18:30:00	7.3	2.824	0.4	437,689	13.9	266
7/22/2025	18:45:00	7.3	2.729	1.2	437,719	13.9	266
7/22/2025	19:00:00	7.3	1.624	2.2	437,745	13.9	263
7/22/2025	19:15:00	7.3	2.824	0	437,771	13.7	265
7/22/2025	19:30:00	7.3	2.748	0	437,801	13.6	263
7/22/2025	19:45:00	7.3	1.139	0.2	437,827	13.6	263
7/22/2025	20:15:00	7.3	2.812	0	437,865	13.4	265
7/22/2025	20:30:00	7.3	2.805	0	437,908	13.5	263
7/22/2025	20:45:00	7.3	2.786	0	437,947	13.6	263
7/22/2025	21:00:00	7.3	2.786	0.4	437,988	13.5	263
7/22/2025	21:15:00	7.3	2.771	1.7	438,030	13.5	263

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/22/2025	21:30:00	7.3	2.937	0.8	438,073	13.5	263
7/22/2025	21:45:00	7.3	2.850	3.2	438,111	13.4	263
7/22/2025	22:00:00	7.3	2.827	1.4	438,153	13.4	262
7/22/2025	22:15:00	7.3	2.740	2.1	438,195	13.3	263
7/22/2025	22:45:00	7.3	1.404	2.1	438,226	13.1	262
7/22/2025	23:00:00	7.3	2.460	0	438,261	13.2	263
7/22/2025	23:30:00	7.3	2.407	0	438,317	13.4	263
7/22/2025	23:45:00	7.3	1.268	0	438,348	13.4	265
7/23/2025	0:00:00	7.4	2.362	0	438,378	13.4	264
7/23/2025	0:15:00	7.4	2.373	0	438,414	13.4	267
7/23/2025	0:30:00	7.3	2.843	0	438,448	13.3	265
7/23/2025	0:45:00	7.3	2.805	0	438,490	13.3	264
7/23/2025	1:30:00	7.4	2.665	0.1	438,555	13.3	264
7/23/2025	1:45:00	7.4	2.695	0	438,584	13.3	264
7/23/2025	2:00:00	7.3	2.695	0	438,624	13.2	264
7/23/2025	2:15:00	7.3	2.589	0	438,664	13.2	264
7/23/2025	2:45:00	7.3	2.695	0.1	438,720	13.2	264
7/23/2025	3:00:00	7.3	2.729	0.3	438,749	13.2	268
7/23/2025	3:30:00	7.3	2.740	0.3	438,810	13.2	269
7/23/2025	3:45:00	7.3	2.687	0.2	438,851	13.2	268
7/23/2025	4:00:00	7.3	2.706	0	438,881	13.1	268
7/23/2025	4:15:00	7.3	2.702	0.1	438,908	13	264
7/23/2025	4:30:00	7.3	2.706	0.1	438,938	12.9	264
7/23/2025	4:45:00	7.3	2.752	0	438,979	13	266
7/23/2025	5:00:00	7.3	2.744	0	439,020	13.2	266

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/23/2025	5:15:00	7.3	2.752	0.6	439,061	13.2	268
7/23/2025	5:45:00	7.3	2.676	0.7	439,103	13.2	268
7/23/2025	6:00:00	7.3	2.661	1.9	439,143	13.1	268
7/23/2025	6:15:00	7.3	2.627	0.1	439,183	13.1	268
7/23/2025	6:30:00	7.3	2.646	0	439,208	13.2	266
7/23/2025	6:45:00	7.3	2.570	0	439,233	13.1	266
7/23/2025	7:00:00	7.3	2.574	0	439,261	13.1	264
7/23/2025	7:15:00	7.3	2.528	0	439,299	13	264
7/23/2025	7:30:00	7.3	2.555	0	439,326	13	263
7/23/2025	7:45:00	7.3	2.498	0	439,364	12.8	263
7/23/2025	8:00:00	7.3	1.370	2.5	439,387	13	263
7/23/2025	8:15:00	7.3	2.460	0	439,419	12.8	259
7/23/2025	8:45:00	7.3	2.945	0	439,431	13.9	261
7/23/2025	9:00:00	7.3	2.899	0.2	439,474	13.2	261
7/23/2025	9:15:00	7.3	2.835	0	439,518	13.2	261
7/23/2025	9:30:00	7.3	2.846	0	439,561	13.2	261
7/23/2025	9:45:00	7.4	2.214	0.6	439,585	13.6	263
7/23/2025	10:00:00	7.4	2.752	0	439,625	13.4	263
7/23/2025	10:15:00	7.4	2.733	0	439,667	13.4	263
7/23/2025	10:30:00	7.4	2.691	0	439,707	13.4	263
7/23/2025	10:45:00	7.4	2.676	0	439,748	13.5	263
7/23/2025	11:00:00	7.4	2.570	0	439,787	13.4	260
7/23/2025	11:15:00	7.4	1.968	0	439,816	13.4	260
7/23/2025	11:30:00	7.4	2.752	0	439,855	13.5	260
7/23/2025	12:30:00	7.5	0.231	0	439,894	14.4	117

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/23/2025	12:45:00	7.4	2.619	0	439,932	13.9	263
7/23/2025	13:00:00	7.4	2.668	0	439,972	13.9	263
7/23/2025	13:15:00	7.4	0.185	0	440,007	14	117
7/23/2025	13:30:00	7.4	2.774	2.1	440,031	13.9	260
7/23/2025	13:45:00	7.4	2.752	0	440,073	13.9	263
7/23/2025	14:00:00	7.4	0.273	1.4	440,107	14.3	117
7/23/2025	14:15:00	7.4	2.702	0.6	440,121	14	262
7/23/2025	14:30:00	7.4	2.127	0.1	440,158	14	263
7/23/2025	14:45:00	7.4	2.668	0	440,196	14	263
7/23/2025	15:00:00	7.4	2.650	0	440,235	14	263
7/23/2025	15:15:00	7.4	2.313	0	440,268	14.1	262
7/23/2025	15:30:00	7.4	2.702	0	440,307	14	262
7/23/2025	15:45:00	7.4	2.684	0	440,346	13.9	262
7/23/2025	16:00:00	7.4	2.650	0.1	440,382	14.1	261
7/23/2025	16:15:00	7.4	2.070	0	440,421	14.1	259
7/23/2025	16:30:00	7.4	1.832	0	440,452	13.9	259
7/23/2025	16:45:00	7.4	2.668	0	440,486	13.9	261
7/23/2025	17:00:00	7.4	2.684	0	440,527	14	261
7/23/2025	17:30:00	7.4	2.559	0.4	440,579	14	261
7/23/2025	17:45:00	7.4	2.827	0	440,620	14	261
7/23/2025	18:00:00	7.4	2.759	0.1	440,662	13.9	259
7/23/2025	18:15:00	7.4	2.562	0.2	440,682	13.9	259
7/23/2025	18:30:00	7.4	2.816	0	440,722	13.9	259
7/23/2025	18:45:00	7.4	2.748	0	440,763	13.9	260
7/23/2025	19:00:00	7.4	1.435	0	440,780	13.8	261

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/23/2025	19:30:00	7.4	2.771	0	440,837	13.6	260
7/23/2025	19:45:00	7.4	1.393	0	440,858	13.6	260
7/23/2025	20:00:00	7.3	2.755	0.5	440,893	13.2	117
7/23/2025	20:15:00	7.3	2.752	0.2	440,934	13.2	117
7/23/2025	20:45:00	7.4	2.759	0.8	440,999	13.2	116
7/23/2025	21:00:00	7.4	2.714	0	441,029	13.1	117
7/23/2025	21:30:00	7.4	2.824	0.1	441,092	13.1	117
7/23/2025	21:45:00	7.4	2.714	0.5	441,133	13.2	117
7/23/2025	22:15:00	7.4	2.744	0	441,184	13.1	116
7/23/2025	22:30:00	7.4	2.759	0	441,225	13.2	117
7/23/2025	22:45:00	7.4	2.763	0	441,247	13.3	117
7/23/2025	23:00:00	7.4	2.657	0	441,277	13.1	117
7/23/2025	23:15:00	7.4	2.578	0.6	441,316	13.1	114
7/23/2025	23:30:00	7.4	2.653	1.3	441,336	13.1	114
7/23/2025	23:45:00	7.4	2.623	2.3	441,376	13	114
7/24/2025	0:00:00	7.4	2.657	0.3	441,404	13	114
7/24/2025	0:30:00	7.4	2.615	1.4	441,462	13.1	114
7/24/2025	1:00:00	7.4	2.767	0.5	441,515	13	260
7/24/2025	1:15:00	7.3	2.767	0.3	441,549	13.1	259
7/24/2025	1:30:00	7.3	2.729	0.4	441,590	13	261
7/24/2025	1:45:00	7.3	2.737	0.3	441,611	13.2	263
7/24/2025	2:15:00	7.3	2.634	0.1	441,669	12.9	261
7/24/2025	2:45:00	7.3	2.710	0.5	441,719	12.7	261
7/24/2025	3:15:00	7.3	2.684	0.5	441,781	13	263
7/24/2025	3:45:00	7.3	2.608	0.8	441,842	13.1	261

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/24/2025	4:15:00	7.2	2.767	0.3	441,891	13.1	264
7/24/2025	4:30:00	7.2	2.668	0.2	441,931	13	264
7/24/2025	4:45:00	7.2	1.382	0.2	441,966	12.9	266
7/24/2025	5:00:00	7.2	0.307	0.1	441,998	12.9	114
7/24/2025	5:15:00	7.2	2.706	0.2	442,022	12.9	263
7/24/2025	5:30:00	7.2	2.161	1.3	442,059	13	264
7/24/2025	5:45:00	7.2	2.718	0.1	442,082	13	261
7/24/2025	6:00:00	7.2	2.699	0.7	442,122	12.9	264
7/24/2025	6:15:00	7.2	1.484	1.5	442,156	12.9	264
7/24/2025	6:30:00	7.2	2.464	1.7	442,192	12.9	264
7/24/2025	6:45:00	7.2	2.445	3	442,229	12.9	264
7/24/2025	7:00:00	7.2	1.866	15.7	442,245	13.3	261
7/24/2025	7:15:00	7.2	2.472	2.7	442,280	12.9	263
7/24/2025	7:30:00	7.2	2.434	1.8	442,317	12.8	263
7/24/2025	7:45:00	7.2	1.113	3.8	442,347	12.6	261
7/24/2025	8:00:00	7.3	2.010	1.3	442,375	12.7	261
7/24/2025	8:15:00	7.3	2.589	1.4	442,407	12.7	261
7/24/2025	8:30:00	7.4	2.721	1	442,447	12.9	258
7/24/2025	8:45:00	7.3	2.695	0.8	442,487	12.9	261
7/24/2025	9:00:00	7.3	2.699	1.7	442,510	13	258
7/24/2025	9:15:00	7.3	0.481	0.5	442,550	13.1	258
7/24/2025	9:30:00	7.3	2.033	3.3	442,567	13.3	256
7/24/2025	9:45:00	7.3	2.089	0.4	442,600	13.2	258
7/24/2025	10:00:00	7.3	2.676	0.4	442,639	13.2	258
7/24/2025	10:30:00	7.3	2.695	0.3	442,701	13.3	261

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/24/2025	10:45:00	7.3	2.983	0.5	442,721	13.5	258
7/24/2025	11:00:00	7.3	2.945	0.7	442,765	13.5	260
7/24/2025	11:30:00	7.3	2.173	3.5	442,832	13.6	260
7/24/2025	11:45:00	7.4	2.600	0.1	442,853	13.7	258
7/24/2025	12:00:00	7.4	2.911	0.5	442,892	13.7	258
7/24/2025	12:15:00	7.4	2.960	0.7	442,913	14	258
7/24/2025	12:45:00	7.3	2.790	0.5	442,979	13.9	260
7/24/2025	13:00:00	7.3	2.755	0.6	442,997	14.2	260
7/24/2025	13:30:00	7.3	1.885	0.5	443,049	13.8	260
7/24/2025	13:45:00	7.4	2.585	0.2	443,071	14.2	258
7/24/2025	14:00:00	7.3	2.691	0	443,111	13.8	260
7/24/2025	14:15:00	7.3	2.657	0.2	443,151	13.8	260
7/24/2025	14:30:00	7.3	2.631	1.1	443,191	13.9	260
7/24/2025	14:45:00	7.4	1.752	3.8	443,206	14	259
7/24/2025	15:00:00	7.3	2.585	0	443,242	14	259
7/24/2025	15:15:00	7.3	2.551	0	443,281	14	259
7/24/2025	15:30:00	7.4	1.874	5.5	443,302	14.5	257
7/24/2025	15:45:00	7.4	2.733	0	443,333	14.1	259
7/24/2025	16:00:00	7.3	2.653	0	443,374	14.1	259
7/24/2025	16:30:00	7.3	2.699	0	443,433	14.2	259
7/24/2025	16:45:00	7.3	2.710	0.1	443,448	14.4	259
7/24/2025	17:15:00	7.4	2.676	0	443,510	14.3	259
7/24/2025	17:45:00	7.3	2.687	0	443,570	14.2	257
7/24/2025	18:15:00	7.3	2.718	0.3	443,629	13.8	257
7/24/2025	18:30:00	7.3	2.687	0.9	443,670	13.7	257

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/24/2025	19:00:00	7.3	2.665	1.3	443,730	13.7	257
7/24/2025	19:15:00	7.3	2.661	0	443,760	13.6	258
7/24/2025	19:30:00	7.2	2.653	0.3	443,800	13.5	258
7/24/2025	19:45:00	7.3	2.634	1.6	443,840	13.4	258
7/24/2025	20:00:00	7.3	2.657	3.3	443,862	13.8	258
7/24/2025	20:15:00	7.3	2.672	0	443,892	13.3	117
7/24/2025	20:45:00	7.3	2.638	0.7	443,954	13.3	116
7/24/2025	21:00:00	7.3	2.638	0.1	443,994	13.3	117
7/24/2025	21:15:00	7.3	1.472	0.1	444,010	13.3	117
7/24/2025	21:30:00	7.3	2.634	0	444,047	13.3	260
7/24/2025	22:00:00	7.3	2.615	0.8	444,105	13.3	117
7/24/2025	22:15:00	7.3	2.593	0	444,134	13.2	117
7/24/2025	22:30:00	7.3	2.627	0.4	444,158	13.3	115
7/24/2025	22:45:00	7.3	2.627	0.7	444,197	13.2	115
7/24/2025	23:00:00	7.3	2.744	0.1	444,227	13.1	114
7/24/2025	23:30:00	7.3	2.725	1.9	444,285	13.2	115
7/24/2025	23:45:00	7.3	2.714	1.4	444,326	13.2	114
7/25/2025	0:15:00	7.3	2.778	0.9	444,373	13.3	114
7/25/2025	0:30:00	7.3	2.725	0.7	444,414	13.4	116
7/25/2025	0:45:00	7.5	2.702	10.4	444,436	15.4	119
7/25/2025	1:00:00	7.4	1.518	1.8	444,470	13.4	116
7/25/2025	1:15:00	7.3	2.634	0.2	444,507	13.3	116
7/25/2025	1:30:00	7.3	2.653	0.6	444,532	13.3	116
7/25/2025	1:45:00	7.3	2.615	0.5	444,572	13.1	117
7/25/2025	2:00:00	7.3	2.578	1.3	444,611	13.1	117

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/25/2025	2:15:00	7.3	0.204	0.7	444,637	13.8	115
7/25/2025	2:30:00	7.3	2.699	0.9	444,656	13	114
7/25/2025	2:45:00	7.3	2.650	0.2	444,697	13	114
7/25/2025	3:00:00	7.3	1.022	3.9	444,731	13.3	115
7/25/2025	3:15:00	7.3	2.653	0.6	444,760	13	115
7/25/2025	3:30:00	7.3	0.000	0.8	444,787	13.4	114
7/25/2025	3:45:00	7.3	2.623	0.9	444,809	13	114
7/25/2025	4:00:00	7.3	2.585	2.7	444,848	13.1	259
7/25/2025	4:30:00	7.1	2.029	41.7	444,897	13.7	279
7/25/2025	4:45:00	7	2.263	18.6	444,910	13.9	288
7/25/2025	5:00:00	6.9	2.245	21.1	444,944	14	284
7/25/2025	5:15:00	6.9	2.343	13.4	444,968	13.7	287
7/25/2025	5:30:00	6.9	2.184	11.1	445,003	13.6	281
7/25/2025	5:45:00	6.9	2.157	17.1	445,036	13.3	275
7/25/2025	6:00:00	7	2.154	6.9	445,055	13.1	272
7/25/2025	6:15:00	7	2.123	11.9	445,087	13.1	268
7/25/2025	6:45:00	7	2.438	11.5	445,129	13	268
7/25/2025	7:00:00	7	2.192	16.9	445,163	12.9	268
7/25/2025	7:15:00	7	1.540	19.8	445,190	13	268
7/25/2025	7:30:00	7	1.575	18.3	445,201	12.6	269
7/25/2025	7:45:00	6.9	1.741	19.1	445,214	13.7	297
7/25/2025	9:00:00	7.1	1.734	6.5	445,216	13	281
7/25/2025	9:15:00	7.1	2.623	0.9	445,248	12.9	277
7/25/2025	9:30:00	7.1	2.411	6.3	445,282	12.8	276
7/25/2025	9:45:00	7.1	1.302	23	445,308	12.8	276

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/25/2025	10:00:00	7.1	2.392	6.1	445,343	12.9	278
7/25/2025	10:15:00	7	2.301	6.8	445,378	13	279
7/25/2025	10:30:00	7	2.120	16.7	445,396	12.9	279
7/25/2025	10:45:00	7	2.604	1.3	445,432	13	279
7/25/2025	11:00:00	7	2.839	1.1	445,473	13.1	276
7/25/2025	11:15:00	7.1	1.851	4.4	445,504	12.9	269
7/25/2025	11:45:00	7.2	2.562	0.1	445,556	13.1	261
7/25/2025	12:00:00	7.3	1.677	0.9	445,583	13	261
7/25/2025	12:15:00	7.3	2.858	0	445,616	13.1	261
7/25/2025	12:30:00	7.2	2.865	0	445,659	13.2	266
7/25/2025	12:45:00	7.2	2.048	2.3	445,699	13.2	262
7/25/2025	13:00:00	7.3	2.695	0.5	445,723	13.8	255
7/25/2025	13:15:00	7.3	2.593	0.2	445,763	13.3	114
7/25/2025	13:30:00	7.3	2.116	9.4	445,785	13.4	115
7/25/2025	13:45:00	7.3	2.661	0.4	445,821	13.3	115
7/25/2025	14:00:00	7.3	2.634	1	445,852	13.3	115
7/25/2025	14:30:00	7.4	2.638	0.8	445,908	13.4	117
7/25/2025	15:00:00	7.4	2.782	2.5	445,962	13.3	118
7/25/2025	15:30:00	7.4	2.983	1.2	446,026	13.4	117
7/25/2025	15:45:00	7.3	1.847	3.3	446,050	13.4	117
7/25/2025	16:15:00	7.3	2.903	1.3	446,114	13.4	117
7/25/2025	16:30:00	7.3	1.752	1.9	446,135	13.5	117
7/25/2025	16:45:00	7.3	2.487	0.4	446,169	13.4	117
7/25/2025	17:00:00	7.3	2.430	0.7	446,206	13.4	117
7/25/2025	17:15:00	7.3	1.105	9.9	446,220	14	258

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/25/2025	17:30:00	7.3	2.831	0.9	446,252	13.5	117
7/25/2025	17:45:00	7.3	2.763	1.7	446,294	13.4	117
7/25/2025	18:00:00	7.3	1.877	3	446,332	13.4	117
7/25/2025	18:15:00	7.3	2.642	1.2	446,368	13.4	117
7/25/2025	18:30:00	7.3	2.597	1.7	446,407	13.3	117
7/25/2025	18:45:00	7.3	1.794	6.7	446,429	14.3	117
7/25/2025	19:00:00	7.3	2.631	1.2	446,465	15.2	117
7/25/2025	19:30:00	7.3	2.589	0.7	446,524	16.6	117
7/25/2025	19:45:00	7.3	2.547	0.5	446,562	17.1	117
7/25/2025	20:15:00	7.2	2.676	0.6	446,614	18.4	117
7/25/2025	20:30:00	7.3	2.650	0.8	446,654	13.4	117
7/25/2025	21:00:00	7.3	2.581	1.4	446,702	13	114
7/25/2025	21:15:00	7.3	2.562	0.3	446,740	13.1	114
7/25/2025	21:45:00	7.2	2.631	0.5	446,796	13.6	263
7/25/2025	22:15:00	7.2	2.600	0.2	446,849	13.4	261
7/25/2025	22:30:00	7.2	2.566	0.3	446,888	13.2	261
7/25/2025	22:45:00	7.2	2.646	0.8	446,911	13	261
7/25/2025	23:00:00	7.2	2.604	0.7	446,950	12.8	261
7/25/2025	23:15:00	7.2	2.400	1	446,972	12.8	261
7/25/2025	23:30:00	7.2	2.464	1.5	447,009	12.6	113
7/25/2025	23:45:00	7.2	2.422	0.4	447,046	12.6	113
7/26/2025	0:00:00	7.3	1.166	2.4	447,072	12.5	114
7/26/2025	0:15:00	7.3	2.562	0.4	447,092	12.6	114
7/26/2025	0:30:00	7.3	2.525	1.6	447,130	12.6	114
7/26/2025	0:45:00	7.3	0.250	0.2	447,159	12.9	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/26/2025	1:00:00	7.3	1.336	0	447,182	12.6	114
7/26/2025	1:15:00	7.3	2.415	0.3	447,217	12.7	116
7/26/2025	1:30:00	7.3	0.220	0.4	447,247	13.1	116
7/26/2025	1:45:00	7.3	2.396	0.5	447,273	13	116
7/26/2025	2:00:00	7.3	2.396	0.6	447,310	13	117
7/26/2025	2:15:00	7.3	2.358	0.3	447,345	13	117
7/26/2025	2:30:00	7.3	0.227	0.1	447,368	13.6	117
7/26/2025	2:45:00	7.3	2.430	1	447,398	13.1	117
7/26/2025	3:00:00	7.3	2.407	0	447,426	12.9	117
7/26/2025	3:15:00	7.2	2.718	0.7	447,463	12.9	117
7/26/2025	3:30:00	7.3	2.725	0.8	447,484	13.3	117
7/26/2025	3:45:00	7.3	2.721	1.4	447,525	13	117
7/26/2025	4:00:00	7.3	2.706	0.4	447,549	13.2	117
7/26/2025	4:15:00	7.3	2.642	0.6	447,589	13.1	258
7/26/2025	4:30:00	7.2	1.472	2	447,604	13.1	117
7/26/2025	4:45:00	7.2	0.242	0	447,639	13.3	117
7/26/2025	5:00:00	7.2	2.771	0	447,668	13.1	259
7/26/2025	5:15:00	7.2	2.706	0.2	447,709	13.2	117
7/26/2025	5:30:00	7.3	2.714	0.2	447,734	13.4	117
7/26/2025	5:45:00	7.3	2.665	0	447,767	13.3	117
7/26/2025	6:00:00	7.3	2.702	0.3	447,792	13.5	117
7/26/2025	6:15:00	7.3	2.668	2.6	447,832	13.3	117
7/26/2025	6:30:00	7.3	2.460	1.5	447,860	13.2	117
7/26/2025	6:45:00	7.2	2.468	2.7	447,884	13.2	117
7/26/2025	7:00:00	7.2	2.441	2.7	447,920	13.1	258

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/26/2025	7:15:00	7.2	2.180	0.9	447,953	13	257
7/26/2025	7:30:00	7.2	0.197	0.7	447,956	14	114
7/26/2025	7:45:00	7.3	2.491	352	447,981	13.1	258
7/26/2025	8:00:00	7.3	2.169	0.8	448,010	12.7	261
7/26/2025	8:15:00	7.2	2.377	1.7	448,045	12.7	261
7/26/2025	8:30:00	7.2	2.786	9.4	448,081	12.6	261
7/26/2025	8:45:00	7.1	2.752	15.8	448,123	12.6	261
7/26/2025	9:00:00	7.1	2.222	8.4	448,147	12.6	261
7/26/2025	9:15:00	7.1	2.597	7.5	448,176	12.7	261
7/26/2025	9:30:00	7.1	2.680	6.1	448,216	12.9	263
7/26/2025	9:45:00	7.2	2.528	1.5	448,249	12.8	264
7/26/2025	10:15:00	7.2	1.609	1.1	448,297	12.8	263
7/26/2025	10:30:00	7.2	2.407	0.6	448,329	12.8	263
7/26/2025	10:45:00	7.2	2.366	0.2	448,365	12.8	263
7/26/2025	11:00:00	7.2	2.475	0.2	448,397	12.8	263
7/26/2025	11:15:00	7.2	2.453	0.3	448,434	12.7	263
7/26/2025	11:30:00	7.2	2.453	0.8	448,470	12.7	263
7/26/2025	11:45:00	7.2	2.491	0.2	448,503	12.8	263
7/26/2025	12:00:00	7.3	2.559	0.3	448,525	12.9	263
7/26/2025	12:15:00	7.2	2.502	0.1	448,563	12.8	261
7/26/2025	12:30:00	7.3	2.487	0.5	448,582	13.3	264
7/26/2025	12:45:00	7.3	2.419	0.1	448,619	12.9	261
7/26/2025	13:00:00	7.3	1.779	1.2	448,633	13	261
7/26/2025	13:15:00	7.2	2.407	2.2	448,662	12.8	263
7/26/2025	13:30:00	7.2	1.821	18	448,697	12.8	263

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/26/2025	13:45:00	7.2	2.547	2.2	448,730	12.8	263
7/26/2025	14:00:00	7.2	2.528	3.7	448,768	12.8	263
7/26/2025	14:15:00	7.2	1.945	16.5	448,804	12.9	263
7/26/2025	14:30:00	7.2	2.014	6.1	448,823	13	261
7/26/2025	14:45:00	7.2	2.532	1.3	448,859	13	261
7/26/2025	15:00:00	7.2	2.532	1.5	448,880	13.2	261
7/26/2025	15:15:00	7.2	1.972	5.2	448,915	13.2	261
7/26/2025	15:30:00	7.2	2.525	1	448,951	13.1	262
7/26/2025	15:45:00	7.2	2.506	8.7	448,989	13.2	262
7/26/2025	16:00:00	7.2	1.643	6.5	449,023	13.3	262
7/26/2025	16:15:00	7.2	2.525	2.2	449,057	13.4	262
7/26/2025	16:30:00	7.2	2.559	2.1	449,065	13.8	259
7/26/2025	17:00:00	7.2	2.555	1	449,119	13.5	262
7/26/2025	17:15:00	7.2	2.532	0.9	449,157	13.4	260
7/26/2025	17:30:00	7.2	1.559	2.9	449,190	13.4	260
7/26/2025	17:45:00	7.2	2.684	1.1	449,226	13.3	260
7/26/2025	18:00:00	7.2	2.646	3.3	449,266	13.4	260
7/26/2025	18:15:00	7.2	2.086	10.1	449,287	13.7	260
7/26/2025	18:30:00	7.2	2.702	2.1	449,326	13.4	260
7/26/2025	19:00:00	7.2	2.634	1.7	449,383	13.3	260
7/26/2025	19:30:00	7.2	2.566	1.9	449,442	13.1	115
7/26/2025	19:45:00	7.3	2.528	1.9	449,464	13.5	114
7/26/2025	20:00:00	7.3	2.540	1.2	449,502	12.9	115
7/26/2025	20:30:00	7.3	2.699	0.8	449,556	12.8	115
7/26/2025	21:00:00	7.3	2.668	0.3	449,615	12.7	115

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/26/2025	21:15:00	7.3	2.631	0.8	449,654	12.7	116
7/26/2025	21:30:00	7.3	2.604	0	449,693	13	118
7/26/2025	21:45:00	7.3	2.661	0	449,728	13.2	119
7/26/2025	22:00:00	7.3	2.661	0	449,750	13.6	121
7/26/2025	22:15:00	7.3	2.615	0	449,790	13.6	121
7/26/2025	22:30:00	7.3	2.661	0.6	449,812	13.7	119
7/26/2025	22:45:00	7.3	2.615	0.4	449,851	13.4	118
7/26/2025	23:00:00	7.3	2.623	0.7	449,872	13.6	119
7/26/2025	23:15:00	7.3	2.653	0	449,906	13.5	119
7/26/2025	23:30:00	7.3	2.638	0	449,929	13.6	121
7/26/2025	23:45:00	7.3	2.597	0	449,968	13.7	121
7/27/2025	0:00:00	7.3	2.631	0	449,985	14	121
7/27/2025	0:15:00	7.3	2.581	0	450,025	13.9	121
7/27/2025	0:30:00	7.3	2.551	0	450,046	13.8	119
7/27/2025	0:45:00	7.3	2.634	0.5	450,080	13.5	119
7/27/2025	1:15:00	7.3	2.547	3.1	450,140	13.2	117
7/27/2025	1:30:00	7.3	2.574	3	450,158	13.8	116
7/27/2025	1:45:00	7.3	2.570	0.8	450,197	12.9	116
7/27/2025	2:15:00	7.3	2.759	0.3	450,254	12.7	114
7/27/2025	2:30:00	7.3	2.699	1.5	450,295	12.6	114
7/27/2025	2:45:00	7.3	2.642	1.3	450,335	12.7	117
7/27/2025	3:00:00	7.3	2.706	1.9	450,356	12.8	114
7/27/2025	3:15:00	7.3	2.646	0.9	450,386	12.5	114
7/27/2025	3:30:00	7.3	2.600	0.7	450,426	12.5	114
7/27/2025	4:00:00	7.3	2.631	1.2	450,483	12.5	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/27/2025	4:30:00	7.3	2.702	1.1	450,543	12.4	114
7/27/2025	4:45:00	7.3	2.653	0.1	450,578	12.4	116
7/27/2025	5:15:00	7.4	2.631	0.7	450,642	13	119
7/27/2025	5:30:00	7.3	2.661	0.8	450,677	13	117
7/27/2025	6:00:00	7.3	2.638	9.3	450,738	12.8	116
7/27/2025	6:15:00	7.3	2.744	0.2	450,770	12.7	116
7/27/2025	6:30:00	7.3	2.744	0.5	450,791	13.2	114
7/27/2025	6:45:00	7.3	2.695	1	450,832	12.5	114
7/27/2025	7:00:00	7.3	2.718	3.3	450,852	12.8	113
7/27/2025	7:15:00	7.3	2.687	1.4	450,892	12.3	114
7/27/2025	7:30:00	7.3	2.687	1.8	450,913	12.5	114
7/27/2025	7:45:00	7.3	2.657	1.2	450,946	12.3	114
7/27/2025	8:15:00	7.3	2.702	1	451,006	12.4	114
7/27/2025	8:45:00	7.3	2.650	1.5	451,062	12.4	114
7/27/2025	9:30:00	7.3	2.767	9.7	451,115	12.6	114
7/27/2025	9:45:00	7.3	2.699	5.6	451,153	12.6	114
7/27/2025	10:15:00	7.3	2.150	0.7	451,213	12.7	114
7/27/2025	10:30:00	7.3	2.710	0.5	451,250	12.8	114
7/27/2025	10:45:00	7.3	1.601	0.2	451,286	12.9	114
7/27/2025	11:00:00	7.3	2.135	1.2	451,309	13	114
7/27/2025	11:15:00	7.3	2.256	0.9	451,336	12.9	115
7/27/2025	11:30:00	7.3	2.691	1.9	451,368	13	114
7/27/2025	11:45:00	7.3	2.286	0.7	451,390	13.2	114
7/27/2025	12:00:00	7.3	2.740	0.5	451,428	13.1	116
7/27/2025	12:15:00	7.3	2.680	0.4	451,469	13.1	116

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/27/2025	12:30:00	7.3	2.297	1	451,503	13.2	116
7/27/2025	12:45:00	7.3	2.509	0.1	451,540	13.3	116
7/27/2025	13:00:00	7.3	2.460	0.1	451,577	13.3	117
7/27/2025	13:15:00	7.3	2.419	0.6	451,609	13.4	116
7/27/2025	13:30:00	7.3	2.547	0.3	451,630	13.4	117
7/27/2025	14:00:00	7.3	2.260	0.7	451,677	13.4	116
7/27/2025	14:30:00	7.3	2.487	0.4	451,731	13.4	117
7/27/2025	14:45:00	7.3	2.612	0.3	451,765	13.5	117
7/27/2025	15:00:00	7.3	2.566	0.7	451,804	13.5	117
7/27/2025	15:15:00	7.3	2.498	1	451,841	13.5	117
7/27/2025	15:30:00	7.3	2.593	1.3	451,859	13.6	117
7/27/2025	15:45:00	7.3	2.517	0.2	451,897	13.7	117
7/27/2025	16:15:00	7.3	1.620	2.9	451,949	13.5	117
7/27/2025	16:30:00	7.3	2.475	0	451,979	13.5	117
7/27/2025	16:45:00	7.3	1.821	0.7	452,010	13.5	117
7/27/2025	17:00:00	7.3	1.438	12.8	452,040	13.4	117
7/27/2025	17:15:00	7.3	2.786	0.2	452,072	13.3	117
7/27/2025	17:30:00	7.3	2.979	0.8	452,115	13.4	117
7/27/2025	18:15:00	7.3	2.774	1.1	452,195	13.6	117
7/27/2025	18:30:00	7.3	2.627	0.1	452,234	13.5	117
7/27/2025	18:45:00	7.3	1.987	1.3	452,273	13.4	117
7/27/2025	19:00:00	7.3	2.725	1.1	452,291	13.7	117
7/27/2025	19:15:00	7.3	2.631	0.5	452,331	13.3	117
7/27/2025	19:45:00	7.3	2.763	0.1	452,386	13.1	117
7/27/2025	20:00:00	7.3	2.612	0.7	452,427	13	117

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/27/2025	20:15:00	7.3	1.961	0.7	452,465	13	117
7/27/2025	20:30:00	7.3	2.615	0.2	452,495	12.9	117
7/27/2025	21:00:00	7.3	2.067	1.1	452,558	13	114
7/27/2025	21:15:00	7.3	2.695	0.3	452,594	12.9	117
7/27/2025	21:45:00	7.3	2.006	0.9	452,654	12.9	114
7/27/2025	22:00:00	7.3	2.593	0.5	452,684	12.7	115
7/27/2025	22:15:00	7.3	2.547	1	452,723	12.7	115
7/27/2025	22:45:00	7.3	2.593	0.5	452,775	12.7	114
7/27/2025	23:00:00	7.3	2.536	0.7	452,814	12.6	114
7/27/2025	23:30:00	7.3	2.718	0.6	452,869	12.7	114
7/27/2025	23:45:00	7.3	2.668	0.7	452,909	12.7	114

Table 3. In-Situ Parameters

Date	Temperature °C	DO mg/L	Conductivity SPC-uS/cm	SAL-ppt	pH	ORP (mV)	NTU
07/21/2025	14.1	10.33	142.8	0.07	7.58	136.8	1.31
07/22/2025	14.5	10.17	141.0	0.07	7.58	135.3	3.41
07/23/2025	13.1	10.17	137.8	0.06	7.54	133.2	1.49
07/24/2025	12.8	10.64	133.5	0.06	7.54	133.2	1.59
07/25/2025	13.5	10.29	129.5	0.06	7.52	152.0	2.57
07/26/2025	13.6	10.59	135.4	0.06	7.39	142.3	2.64
07/27/2025	14.6	10.79	131.0	0.06	7.39	143.8	0.61

3. Calibration Log:

Table 4. Calibration Log

Date	Unit	pH	Conductivity/Temp.	Salinity	NTU
07/22/2025	YSI	✓	✓	✓	✓
07/22/2025	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)
7/21/2025	0:00:00	7.4	2.634	0.1	432,468	Open	13.2	266
7/21/2025	0:15:00	7.4	0.000	0	432,484	Closed	13.6	267
7/21/2025	0:30:00	7.4	2.646	0	432,519	Open	13.4	265
7/21/2025	0:45:00	7.4	2.623	0	432,558	Open	13.4	263
7/21/2025	1:00:00	7.4	2.415	0	432,580	Open	13.6	262
7/21/2025	1:15:00	7.4	2.691	0	432,615	Open	13.5	261
7/21/2025	1:30:00	7.4	2.680	0	432,638	Open	13.6	261
7/21/2025	1:45:00	7.4	2.854	0	432,670	Open	13.6	261
7/21/2025	2:00:00	7.5	2.850	0	432,700	Open	13.6	119
7/21/2025	2:15:00	7.5	2.850	0	432,727	Open	13.7	117
7/21/2025	2:30:00	7.5	2.839	0.1	432,767	Open	13.4	116
7/21/2025	2:45:00	7.4	2.846	0	432,798	Open	13.5	256
7/21/2025	3:00:00	7.4	2.808	0	432,840	Open	13.1	258
7/21/2025	3:15:00	7.4	2.574	0	432,873	Open	13.1	258
7/21/2025	3:30:00	7.4	2.589	0.7	432,894	Open	13	261
7/21/2025	3:45:00	7.4	2.521	0	432,920	Open	13	261
7/21/2025	4:00:00	7.4	2.597	0.2	432,950	Open	13	263
7/21/2025	4:15:00	7.4	0.000	0.4	432,979	Closed	13.2	264
7/21/2025	4:30:00	7.4	2.578	0.3	433,015	Open	13.1	266
7/21/2025	4:45:00	7.4	2.475	0.1	433,022	Closed	13	266
7/21/2025	5:00:00	7.5	2.547	0.1	433,030	Open	13.4	261
7/21/2025	5:15:00	7.3	2.551	0.1	433,069	Open	13.2	266
7/21/2025	5:30:00	7.3	2.517	0	433,100	Open	13.2	266
7/21/2025	5:45:00	7.3	2.521	0	433,138	Open	13.2	266

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
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Data Date Range	**July 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/21/2025	6:00:00	7.3	0.170	0	433,162	Closed	13.5	114
7/21/2025	6:15:00	7.3	0.151	0	433,181	Closed	13.4	266
7/21/2025	6:30:00	7.3	2.532	0.3	433,215	Open	13.1	266
7/21/2025	6:45:00	7.3	2.498	0.8	433,253	Open	13.1	268
7/21/2025	7:00:00	7.3	2.604	0.4	433,284	Open	13.1	268
7/21/2025	7:15:00	7.3	2.589	1.6	433,323	Open	13.1	266
7/21/2025	7:30:00	7.3	2.585	2.5	433,349	Open	13	264
7/21/2025	7:45:00	7.3	2.456	2.4	433,383	Open	12.9	264
7/21/2025	8:00:00	7.3	2.445	6.1	433,419	Open	12.9	261
7/21/2025	8:15:00	7.3	2.475	7.8	433,456	Open	12.9	261
7/21/2025	8:30:00	7.3	1.628	4	433,486	Open	13	261
7/21/2025	8:45:00	7.3	2.453	1	433,515	Open	13	264
7/21/2025	9:00:00	7.3	2.422	0	433,551	Open	13.1	263
7/21/2025	9:15:00	7.3	2.456	0.1	433,588	Open	13.2	263
7/21/2025	9:30:00	7.3	0.000	0.2	433,611	Closed	13.5	264
7/21/2025	9:45:00	7.4	0.000	0.8	433,614	Closed	13.5	264
7/21/2025	10:00:00	7.3	2.877	0.3	433,637	Open	13.3	264
7/21/2025	10:15:00	7.3	2.858	0.2	433,680	Open	13.4	264
7/21/2025	10:30:00	7.3	2.468	2.6	433,706	Closed	13.7	264
7/21/2025	10:45:00	7.3	2.525	0	433,744	Open	13.6	264
7/21/2025	11:00:00	7.3	1.529	1.5	433,776	Closed	13.7	264
7/21/2025	11:15:00	7.3	2.536	0.2	433,791	Open	13.6	264
7/21/2025	11:30:00	7.3	2.536	0.1	433,829	Open	13.7	264
7/21/2025	11:45:00	7.3	2.063	0.1	433,865	Open	13.8	264
7/21/2025	12:00:00	7.3	2.521	0	433,891	Open	13.9	263

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
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Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/21/2025	12:15:00	7.3	2.475	0	433,914	Closed	13.9	265
7/21/2025	12:30:00	7.3	2.104	1.2	433,914	Closed	14	266
7/21/2025	12:45:00	7.5	0.572	414.4	433,914	Closed	14.9	116
7/21/2025	13:00:00	7.5	0.000	414.3	433,914	Closed	17.4	117
7/21/2025	13:15:00	7.3	2.006	0.2	433,923	Open	14.2	263
7/21/2025	13:30:00	7.3	2.566	0	433,958	Open	14.2	265
7/21/2025	13:45:00	7.3	2.676	0	433,997	Open	14.2	265
7/21/2025	14:00:00	7.3	2.241	8	434,037	Open	14.3	265
7/21/2025	14:15:00	7.3	2.759	0.2	434,071	Open	14.2	263
7/21/2025	14:30:00	7.3	2.740	0	434,112	Open	14.3	263
7/21/2025	14:45:00	7.3	1.718	4.8	434,152	Open	14.3	263
7/21/2025	15:00:00	7.3	2.706	0	434,184	Open	14.3	263
7/21/2025	15:15:00	7.3	2.797	0	434,226	Open	14.3	263
7/21/2025	15:30:00	7.3	2.752	0	434,267	Open	14.2	263
7/21/2025	15:45:00	7.3	2.820	0	434,309	Open	14.3	262
7/21/2025	16:00:00	7.3	2.778	0	434,351	Open	14.2	262
7/21/2025	16:15:00	7.3	1.813	1.4	434,370	Open	14.1	260
7/21/2025	16:30:00	7.3	2.578	0	434,402	Open	13.8	264
7/21/2025	16:45:00	7.3	2.566	0	434,441	Open	13.7	264
7/21/2025	17:00:00	7.4	0.000	0	434,472	Closed	13.9	262
7/21/2025	17:15:00	7.3	2.877	0	434,507	Open	13.9	262
7/21/2025	17:30:00	7.3	0.299	0	434,547	Closed	14	262
7/21/2025	17:45:00	7.3	2.245	0	434,574	Open	14.1	264
7/21/2025	18:00:00	7.3	2.778	0	434,604	Open	14	264
7/21/2025	18:15:00	7.3	2.752	0	434,646	Open	14	264

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
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Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/21/2025	18:30:00	7.3	0.000	0	434,672	Closed	14.4	265
7/21/2025	18:45:00	7.3	0.276	0	434,707	Closed	14	265
7/21/2025	19:00:00	7.3	2.612	0	434,737	Open	13.9	265
7/21/2025	19:15:00	7.3	1.858	1.6	434,761	Closed	13.9	263
7/21/2025	19:30:00	7.3	2.759	0	434,761	Closed	13.7	263
7/21/2025	19:45:00	7.4	2.763	1.4	434,776	Open	13.7	258
7/21/2025	20:00:00	7.3	0.204	0.3	434,805	Closed	14.1	114
7/21/2025	20:15:00	7.3	2.771	0.9	434,839	Open	13.5	261
7/21/2025	20:30:00	7.3	2.755	0.9	434,880	Open	13.5	263
7/21/2025	20:45:00	7.3	1.241	0.6	434,908	Open	13.6	264
7/21/2025	21:00:00	7.3	2.676	0	434,946	Open	13.5	266
7/21/2025	21:15:00	7.3	2.634	0.2	434,986	Open	13.5	266
7/21/2025	21:30:00	7.3	1.378	1.3	435,016	Open	13.5	266
7/21/2025	21:45:00	7.3	2.600	0	435,053	Open	13.5	266
7/21/2025	22:00:00	7.3	2.597	0	435,092	Open	13.6	266
7/21/2025	22:15:00	7.3	1.321	4.1	435,122	Open	13.4	266
7/21/2025	22:30:00	7.3	2.638	0	435,160	Open	13.4	266
7/21/2025	22:45:00	7.3	2.623	0	435,199	Open	13.4	266
7/21/2025	23:00:00	7.4	1.389	0	435,229	Open	13.3	268
7/21/2025	23:15:00	7.4	2.562	0	435,267	Open	13.4	268
7/21/2025	23:30:00	7.4	0.189	0	435,293	Closed	13.7	114
7/21/2025	23:45:00	7.4	1.283	0	435,316	Open	13.5	265
7/22/2025	0:00:00	7.4	2.324	0	435,335	Closed	13.7	266
7/22/2025	0:15:00	7.4	2.619	0	435,359	Open	13.9	267
7/22/2025	0:30:00	7.4	1.408	0	435,390	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 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/22/2025	0:45:00	7.4	2.619	0	435,428	Open	13.9	268
7/22/2025	1:00:00	7.4	2.612	0	435,467	Open	14	268
7/22/2025	1:15:00	7.3	1.446	0.2	435,499	Open	14.1	269
7/22/2025	1:30:00	7.3	2.801	0	435,537	Open	14.2	267
7/22/2025	1:45:00	7.3	2.759	0	435,579	Open	14.3	268
7/22/2025	2:00:00	7.3	1.612	0	435,609	Open	13.9	268
7/22/2025	2:15:00	7.2	2.668	0	435,648	Open	14.1	268
7/22/2025	2:30:00	7.2	2.509	1	435,686	Closed	14.1	267
7/22/2025	2:45:00	7.2	1.336	0.7	435,689	Open	13.8	266
7/22/2025	3:00:00	7.2	2.767	1.1	435,727	Open	13.9	267
7/22/2025	3:15:00	7.3	0.337	2.7	435,767	Closed	14	119
7/22/2025	3:30:00	7.3	2.619	0.1	435,795	Open	14	263
7/22/2025	3:45:00	7.3	0.992	0	435,834	Closed	14	263
7/22/2025	4:00:00	7.3	1.650	16.4	435,862	Closed	13.9	263
7/22/2025	4:15:00	7.3	0.235	0	435,889	Closed	14.4	119
7/22/2025	4:30:00	7.3	2.767	0	435,922	Open	13.9	261
7/22/2025	4:45:00	7.3	1.858	2	435,961	Open	13.9	261
7/22/2025	5:00:00	7.3	2.642	0	435,998	Open	14.1	261
7/22/2025	5:15:00	7.3	2.634	3.7	436,037	Open	14.1	261
7/22/2025	5:30:00	7.3	1.419	5.6	436,072	Open	14	261
7/22/2025	5:45:00	7.3	2.441	1.6	436,104	Open	13.8	263
7/22/2025	6:00:00	7.3	2.430	0	436,141	Open	13.9	261
7/22/2025	6:15:00	7.3	1.272	0.1	436,174	Open	13.9	263
7/22/2025	6:30:00	7.4	2.661	0	436,206	Open	13.8	266
7/22/2025	6:45:00	7.4	2.631	0	436,224	Open	14.2	263

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**July 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/22/2025	7:00:00	7.4	2.067	0	436,249	Open	14.1	264
7/22/2025	7:15:00	7.3	2.661	0	436,286	Open	13.7	264
7/22/2025	7:30:00	7.3	2.631	0	436,325	Open	13.6	261
7/22/2025	7:45:00	7.3	1.828	0.8	436,350	Closed	13.4	259
7/22/2025	8:00:00	7.3	2.612	0	436,380	Open	13.5	260
7/22/2025	8:15:00	7.3	2.744	0.6	436,419	Open	13.3	260
7/22/2025	8:30:00	7.3	2.892	0	436,461	Open	13.2	262
7/22/2025	8:45:00	7.3	3.002	0.7	436,468	Closed	13.2	263
7/22/2025	9:00:00	7.5	2.222	0.1	436,477	Open	14.2	258
7/22/2025	9:15:00	7.3	2.040	0	436,506	Open	13.4	264
7/22/2025	9:30:00	7.3	2.502	0	436,535	Open	13.5	266
7/22/2025	9:45:00	7.3	2.680	0	436,574	Open	13.7	266
7/22/2025	10:00:00	7.3	2.672	0	436,605	Open	13.7	264
7/22/2025	10:15:00	7.3	2.691	0	436,645	Open	13.7	265
7/22/2025	10:30:00	7.3	2.805	0	436,687	Open	13.9	264
7/22/2025	10:45:00	7.3	2.767	0	436,729	Open	14	267
7/22/2025	11:00:00	7.4	2.786	0	436,770	Open	14	267
7/22/2025	11:15:00	7.4	0.000	0	436,803	Closed	14.2	114
7/22/2025	11:30:00	7.4	2.048	0	436,826	Open	14.2	263
7/22/2025	11:45:00	7.4	2.714	0	436,861	Open	14.1	267
7/22/2025	12:00:00	7.4	2.869	0	436,901	Closed	14.1	267
7/22/2025	12:15:00	7.4	2.778	0	436,901	Closed	14.2	268
7/22/2025	12:30:00	7.4	2.839	0	436,901	Closed	14.3	265
7/22/2025	12:45:00	7.4	2.740	0	436,907	Open	14.6	262
7/22/2025	13:00:00	7.4	2.808	0	436,949	Open	14.3	267

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**July 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/22/2025	13:15:00	7.4	2.835	0	436,978	Open	14.4	265
7/22/2025	13:30:00	7.4	0.382	0	437,011	Closed	14.6	265
7/22/2025	13:45:00	7.4	2.797	0	437,037	Open	14.6	267
7/22/2025	14:00:00	7.4	2.748	0	437,079	Open	14.6	267
7/22/2025	14:15:00	7.4	2.930	0	437,105	Open	14.7	267
7/22/2025	14:30:00	7.4	2.952	0	437,134	Open	14.7	267
7/22/2025	14:45:00	7.4	2.729	0	437,165	Open	14.8	266
7/22/2025	15:00:00	7.4	0.000	0	437,188	Closed	15.6	266
7/22/2025	15:15:00	7.4	2.547	0	437,224	Open	14.6	266
7/22/2025	15:30:00	7.3	2.793	0	437,263	Open	14.6	266
7/22/2025	15:45:00	7.3	2.771	0	437,300	Open	14.6	266
7/22/2025	16:00:00	7.3	2.759	0	437,342	Open	14.5	266
7/22/2025	16:15:00	7.3	2.748	0	437,383	Open	14.5	266
7/22/2025	16:30:00	7.3	2.786	0	437,420	Open	14.5	266
7/22/2025	16:45:00	7.3	2.740	0	437,461	Open	14.5	266
7/22/2025	17:00:00	7.3	2.737	0	437,503	Open	14.5	266
7/22/2025	17:15:00	7.3	2.782	0	437,527	Open	14.7	266
7/22/2025	17:30:00	7.3	2.725	0.1	437,555	Open	14.4	264
7/22/2025	17:45:00	7.3	2.740	0	437,581	Open	14.4	266
7/22/2025	18:00:00	7.3	2.824	0.4	437,604	Open	14.1	266
7/22/2025	18:15:00	7.3	2.873	0	437,647	Open	14	266
7/22/2025	18:30:00	7.3	2.824	0.4	437,689	Open	13.9	266
7/22/2025	18:45:00	7.3	2.729	1.2	437,719	Open	13.9	266
7/22/2025	19:00:00	7.3	1.624	2.2	437,745	Open	13.9	263
7/22/2025	19:15:00	7.3	2.824	0	437,771	Open	13.7	265

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 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/22/2025	19:30:00	7.3	2.748	0	437,801	Open	13.6	263
7/22/2025	19:45:00	7.3	1.139	0.2	437,827	Open	13.6	263
7/22/2025	20:00:00	7.3	0.276	0	437,839	Closed	13.4	265
7/22/2025	20:15:00	7.3	2.812	0	437,865	Open	13.4	265
7/22/2025	20:30:00	7.3	2.805	0	437,908	Open	13.5	263
7/22/2025	20:45:00	7.3	2.786	0	437,947	Open	13.6	263
7/22/2025	21:00:00	7.3	2.786	0.4	437,988	Open	13.5	263
7/22/2025	21:15:00	7.3	2.771	1.7	438,030	Open	13.5	263
7/22/2025	21:30:00	7.3	2.937	0.8	438,073	Open	13.5	263
7/22/2025	21:45:00	7.3	2.850	3.2	438,111	Open	13.4	263
7/22/2025	22:00:00	7.3	2.827	1.4	438,153	Open	13.4	262
7/22/2025	22:15:00	7.3	2.740	2.1	438,195	Open	13.3	263
7/22/2025	22:30:00	7.3	2.873	2.7	438,201	Closed	13.2	262
7/22/2025	22:45:00	7.3	1.404	2.1	438,226	Open	13.1	262
7/22/2025	23:00:00	7.3	2.460	0	438,261	Open	13.2	263
7/22/2025	23:15:00	7.4	0.000	0	438,290	Closed	13.5	263
7/22/2025	23:30:00	7.3	2.407	0	438,317	Open	13.4	263
7/22/2025	23:45:00	7.3	1.268	0	438,348	Open	13.4	265
7/23/2025	0:00:00	7.4	2.362	0	438,378	Open	13.4	264
7/23/2025	0:15:00	7.4	2.373	0	438,414	Open	13.4	267
7/23/2025	0:30:00	7.3	2.843	0	438,448	Open	13.3	265
7/23/2025	0:45:00	7.3	2.805	0	438,490	Open	13.3	264
7/23/2025	1:00:00	7.3	2.786	0	438,505	Closed	13.2	264
7/23/2025	1:15:00	7.5	0.000	132.4	438,527	Closed	14.2	114
7/23/2025	1:30:00	7.4	2.665	0.1	438,555	Open	13.3	264

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**July 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/23/2025	1:45:00	7.4	2.695	0	438,584	Open	13.3	264
7/23/2025	2:00:00	7.3	2.695	0	438,624	Open	13.2	264
7/23/2025	2:15:00	7.3	2.589	0	438,664	Open	13.2	264
7/23/2025	2:30:00	7.3	0.000	0.1	438,690	Closed	13.1	266
7/23/2025	2:45:00	7.3	2.695	0.1	438,720	Open	13.2	264
7/23/2025	3:00:00	7.3	2.729	0.3	438,749	Open	13.2	268
7/23/2025	3:15:00	7.4	2.544	0.4	438,782	Closed	13.4	269
7/23/2025	3:30:00	7.3	2.740	0.3	438,810	Open	13.2	269
7/23/2025	3:45:00	7.3	2.687	0.2	438,851	Open	13.2	268
7/23/2025	4:00:00	7.3	2.706	0	438,881	Open	13.1	268
7/23/2025	4:15:00	7.3	2.702	0.1	438,908	Open	13	264
7/23/2025	4:30:00	7.3	2.706	0.1	438,938	Open	12.9	264
7/23/2025	4:45:00	7.3	2.752	0	438,979	Open	13	266
7/23/2025	5:00:00	7.3	2.744	0	439,020	Open	13.2	266
7/23/2025	5:15:00	7.3	2.752	0.6	439,061	Open	13.2	268
7/23/2025	5:30:00	7.3	2.392	0	439,071	Closed	13.1	268
7/23/2025	5:45:00	7.3	2.676	0.7	439,103	Open	13.2	268
7/23/2025	6:00:00	7.3	2.661	1.9	439,143	Open	13.1	268
7/23/2025	6:15:00	7.3	2.627	0.1	439,183	Open	13.1	268
7/23/2025	6:30:00	7.3	2.646	0	439,208	Open	13.2	266
7/23/2025	6:45:00	7.3	2.570	0	439,233	Open	13.1	266
7/23/2025	7:00:00	7.3	2.574	0	439,261	Open	13.1	264
7/23/2025	7:15:00	7.3	2.528	0	439,299	Open	13	264
7/23/2025	7:30:00	7.3	2.555	0	439,326	Open	13	263
7/23/2025	7:45:00	7.3	2.498	0	439,364	Open	12.8	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 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/23/2025	8:00:00	7.3	1.370	2.5	439,387	Open	13	263
7/23/2025	8:15:00	7.3	2.460	0	439,419	Open	12.8	259
7/23/2025	8:30:00	7.3	0.000	0	439,428	Closed	13.3	261
7/23/2025	8:45:00	7.3	2.945	0	439,431	Open	13.9	261
7/23/2025	9:00:00	7.3	2.899	0.2	439,474	Open	13.2	261
7/23/2025	9:15:00	7.3	2.835	0	439,518	Open	13.2	261
7/23/2025	9:30:00	7.3	2.846	0	439,561	Open	13.2	261
7/23/2025	9:45:00	7.4	2.214	0.6	439,585	Open	13.6	263
7/23/2025	10:00:00	7.4	2.752	0	439,625	Open	13.4	263
7/23/2025	10:15:00	7.4	2.733	0	439,667	Open	13.4	263
7/23/2025	10:30:00	7.4	2.691	0	439,707	Open	13.4	263
7/23/2025	10:45:00	7.4	2.676	0	439,748	Open	13.5	263
7/23/2025	11:00:00	7.4	2.570	0	439,787	Open	13.4	260
7/23/2025	11:15:00	7.4	1.968	0	439,816	Open	13.4	260
7/23/2025	11:30:00	7.4	2.752	0	439,855	Open	13.5	260
7/23/2025	11:45:00	7.4	3.168	0	439,867	Closed	13.5	262
7/23/2025	12:00:00	7.4	3.164	0	439,867	Closed	13.6	263
7/23/2025	12:15:00	7.6	0.375	414.2	439,871	Closed	16.8	116
7/23/2025	12:30:00	7.5	0.231	0	439,894	Open	14.4	117
7/23/2025	12:45:00	7.4	2.619	0	439,932	Open	13.9	263
7/23/2025	13:00:00	7.4	2.668	0	439,972	Open	13.9	263
7/23/2025	13:15:00	7.4	0.185	0	440,007	Open	14	117
7/23/2025	13:30:00	7.4	2.774	2.1	440,031	Open	13.9	260
7/23/2025	13:45:00	7.4	2.752	0	440,073	Open	13.9	263
7/23/2025	14:00:00	7.4	0.273	1.4	440,107	Open	14.3	117

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 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/23/2025	14:15:00	7.4	2.702	0.6	440,121	Open	14	262
7/23/2025	14:30:00	7.4	2.127	0.1	440,158	Open	14	263
7/23/2025	14:45:00	7.4	2.668	0	440,196	Open	14	263
7/23/2025	15:00:00	7.4	2.650	0	440,235	Open	14	263
7/23/2025	15:15:00	7.4	2.313	0	440,268	Open	14.1	262
7/23/2025	15:30:00	7.4	2.702	0	440,307	Open	14	262
7/23/2025	15:45:00	7.4	2.684	0	440,346	Open	13.9	262
7/23/2025	16:00:00	7.4	2.650	0.1	440,382	Open	14.1	261
7/23/2025	16:15:00	7.4	2.070	0	440,421	Open	14.1	259
7/23/2025	16:30:00	7.4	1.832	0	440,452	Open	13.9	259
7/23/2025	16:45:00	7.4	2.668	0	440,486	Open	13.9	261
7/23/2025	17:00:00	7.4	2.684	0	440,527	Open	14	261
7/23/2025	17:15:00	7.4	0.000	0.4	440,557	Closed	14.1	261
7/23/2025	17:30:00	7.4	2.559	0.4	440,579	Open	14	261
7/23/2025	17:45:00	7.4	2.827	0	440,620	Open	14	261
7/23/2025	18:00:00	7.4	2.759	0.1	440,662	Open	13.9	259
7/23/2025	18:15:00	7.4	2.562	0.2	440,682	Open	13.9	259
7/23/2025	18:30:00	7.4	2.816	0	440,722	Open	13.9	259
7/23/2025	18:45:00	7.4	2.748	0	440,763	Open	13.9	260
7/23/2025	19:00:00	7.4	1.435	0	440,780	Open	13.8	261
7/23/2025	19:15:00	7.4	0.000	0	440,807	Closed	13.9	261
7/23/2025	19:30:00	7.4	2.771	0	440,837	Open	13.6	260
7/23/2025	19:45:00	7.4	1.393	0	440,858	Open	13.6	260
7/23/2025	20:00:00	7.3	2.755	0.5	440,893	Open	13.2	117
7/23/2025	20:15:00	7.3	2.752	0.2	440,934	Open	13.2	117

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 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/23/2025	20:30:00	7.4	0.148	0	440,960	Closed	13.5	260
7/23/2025	20:45:00	7.4	2.759	0.8	440,999	Open	13.2	116
7/23/2025	21:00:00	7.4	2.714	0	441,029	Open	13.1	117
7/23/2025	21:15:00	7.4	0.000	0	441,064	Closed	13.1	117
7/23/2025	21:30:00	7.4	2.824	0.1	441,092	Open	13.1	117
7/23/2025	21:45:00	7.4	2.714	0.5	441,133	Open	13.2	117
7/23/2025	22:00:00	7.4	0.000	0	441,155	Closed	13.2	117
7/23/2025	22:15:00	7.4	2.744	0	441,184	Open	13.1	116
7/23/2025	22:30:00	7.4	2.759	0	441,225	Open	13.2	117
7/23/2025	22:45:00	7.4	2.763	0	441,247	Open	13.3	117
7/23/2025	23:00:00	7.4	2.657	0	441,277	Open	13.1	117
7/23/2025	23:15:00	7.4	2.578	0.6	441,316	Open	13.1	114
7/23/2025	23:30:00	7.4	2.653	1.3	441,336	Open	13.1	114
7/23/2025	23:45:00	7.4	2.623	2.3	441,376	Open	13	114
7/24/2025	0:00:00	7.4	2.657	0.3	441,404	Open	13	114
7/24/2025	0:15:00	7.4	0.000	0.2	441,438	Closed	13	114
7/24/2025	0:30:00	7.4	2.615	1.4	441,462	Open	13.1	114
7/24/2025	0:45:00	7.4	0.242	0.2	441,495	Closed	13.1	114
7/24/2025	1:00:00	7.4	2.767	0.5	441,515	Open	13	260
7/24/2025	1:15:00	7.3	2.767	0.3	441,549	Open	13.1	259
7/24/2025	1:30:00	7.3	2.729	0.4	441,590	Open	13	261
7/24/2025	1:45:00	7.3	2.737	0.3	441,611	Open	13.2	263
7/24/2025	2:00:00	7.3	0.000	0.7	441,637	Closed	12.9	263
7/24/2025	2:15:00	7.3	2.634	0.1	441,669	Open	12.9	261
7/24/2025	2:30:00	7.3	2.547	0.4	441,690	Closed	13.2	261

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 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/24/2025	2:45:00	7.3	2.710	0.5	441,719	Open	12.7	261
7/24/2025	3:00:00	7.3	0.000	0.8	441,746	Closed	13.1	261
7/24/2025	3:15:00	7.3	2.684	0.5	441,781	Open	13	263
7/24/2025	3:30:00	7.3	0.000	0.4	441,812	Closed	13.2	262
7/24/2025	3:45:00	7.3	2.608	0.8	441,842	Open	13.1	261
7/24/2025	4:00:00	7.3	0.000	0.8	441,870	Closed	13	264
7/24/2025	4:15:00	7.2	2.767	0.3	441,891	Open	13.1	264
7/24/2025	4:30:00	7.2	2.668	0.2	441,931	Open	13	264
7/24/2025	4:45:00	7.2	1.382	0.2	441,966	Open	12.9	266
7/24/2025	5:00:00	7.2	0.307	0.1	441,998	Open	12.9	114
7/24/2025	5:15:00	7.2	2.706	0.2	442,022	Open	12.9	263
7/24/2025	5:30:00	7.2	2.161	1.3	442,059	Open	13	264
7/24/2025	5:45:00	7.2	2.718	0.1	442,082	Open	13	261
7/24/2025	6:00:00	7.2	2.699	0.7	442,122	Open	12.9	264
7/24/2025	6:15:00	7.2	1.484	1.5	442,156	Open	12.9	264
7/24/2025	6:30:00	7.2	2.464	1.7	442,192	Open	12.9	264
7/24/2025	6:45:00	7.2	2.445	3	442,229	Open	12.9	264
7/24/2025	7:00:00	7.2	1.866	15.7	442,245	Open	13.3	261
7/24/2025	7:15:00	7.2	2.472	2.7	442,280	Open	12.9	263
7/24/2025	7:30:00	7.2	2.434	1.8	442,317	Open	12.8	263
7/24/2025	7:45:00	7.2	1.113	3.8	442,347	Open	12.6	261
7/24/2025	8:00:00	7.3	2.010	1.3	442,375	Open	12.7	261
7/24/2025	8:15:00	7.3	2.589	1.4	442,407	Open	12.7	261
7/24/2025	8:30:00	7.4	2.721	1	442,447	Open	12.9	258
7/24/2025	8:45:00	7.3	2.695	0.8	442,487	Open	12.9	261

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 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/24/2025	9:00:00	7.3	2.699	1.7	442,510	Open	13	258
7/24/2025	9:15:00	7.3	0.481	0.5	442,550	Open	13.1	258
7/24/2025	9:30:00	7.3	2.033	3.3	442,567	Open	13.3	256
7/24/2025	9:45:00	7.3	2.089	0.4	442,600	Open	13.2	258
7/24/2025	10:00:00	7.3	2.676	0.4	442,639	Open	13.2	258
7/24/2025	10:15:00	7.3	0.000	5.2	442,666	Closed	13.5	262
7/24/2025	10:30:00	7.3	2.695	0.3	442,701	Open	13.3	261
7/24/2025	10:45:00	7.3	2.983	0.5	442,721	Open	13.5	258
7/24/2025	11:00:00	7.3	2.945	0.7	442,765	Open	13.5	260
7/24/2025	11:15:00	7.3	0.000	5.9	442,801	Closed	13.7	259
7/24/2025	11:30:00	7.3	2.173	3.5	442,832	Open	13.6	260
7/24/2025	11:45:00	7.4	2.600	0.1	442,853	Open	13.7	258
7/24/2025	12:00:00	7.4	2.911	0.5	442,892	Open	13.7	258
7/24/2025	12:15:00	7.4	2.960	0.7	442,913	Open	14	258
7/24/2025	12:30:00	7.3	0.000	0.4	442,954	Closed	13.8	258
7/24/2025	12:45:00	7.3	2.790	0.5	442,979	Open	13.9	260
7/24/2025	13:00:00	7.3	2.755	0.6	442,997	Open	14.2	260
7/24/2025	13:15:00	7.3	0.000	0.1	443,018	Closed	14.4	260
7/24/2025	13:30:00	7.3	1.885	0.5	443,049	Open	13.8	260
7/24/2025	13:45:00	7.4	2.585	0.2	443,071	Open	14.2	258
7/24/2025	14:00:00	7.3	2.691	0	443,111	Open	13.8	260
7/24/2025	14:15:00	7.3	2.657	0.2	443,151	Open	13.8	260
7/24/2025	14:30:00	7.3	2.631	1.1	443,191	Open	13.9	260
7/24/2025	14:45:00	7.4	1.752	3.8	443,206	Open	14	259
7/24/2025	15:00:00	7.3	2.585	0	443,242	Open	14	259

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 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/24/2025	15:15:00	7.3	2.551	0	443,281	Open	14	259
7/24/2025	15:30:00	7.4	1.874	5.5	443,302	Open	14.5	257
7/24/2025	15:45:00	7.4	2.733	0	443,333	Open	14.1	259
7/24/2025	16:00:00	7.3	2.653	0	443,374	Open	14.1	259
7/24/2025	16:15:00	7.3	0.000	0.1	443,413	Closed	14.1	259
7/24/2025	16:30:00	7.3	2.699	0	443,433	Open	14.2	259
7/24/2025	16:45:00	7.3	2.710	0.1	443,448	Open	14.4	259
7/24/2025	17:00:00	7.3	1.730	0	443,489	Closed	14.3	259
7/24/2025	17:15:00	7.4	2.676	0	443,510	Open	14.3	259
7/24/2025	17:30:00	7.4	0.000	0	443,542	Closed	14.5	259
7/24/2025	17:45:00	7.3	2.687	0	443,570	Open	14.2	257
7/24/2025	18:00:00	7.4	0.000	0.2	443,592	Closed	14.5	257
7/24/2025	18:15:00	7.3	2.718	0.3	443,629	Open	13.8	257
7/24/2025	18:30:00	7.3	2.687	0.9	443,670	Open	13.7	257
7/24/2025	18:45:00	7.3	0.000	2.4	443,702	Closed	13.8	257
7/24/2025	19:00:00	7.3	2.665	1.3	443,730	Open	13.7	257
7/24/2025	19:15:00	7.3	2.661	0	443,760	Open	13.6	258
7/24/2025	19:30:00	7.2	2.653	0.3	443,800	Open	13.5	258
7/24/2025	19:45:00	7.3	2.634	1.6	443,840	Open	13.4	258
7/24/2025	20:00:00	7.3	2.657	3.3	443,862	Open	13.8	258
7/24/2025	20:15:00	7.3	2.672	0	443,892	Open	13.3	117
7/24/2025	20:30:00	7.3	0.000	0	443,922	Closed	13.5	260
7/24/2025	20:45:00	7.3	2.638	0.7	443,954	Open	13.3	116
7/24/2025	21:00:00	7.3	2.638	0.1	443,994	Open	13.3	117
7/24/2025	21:15:00	7.3	1.472	0.1	444,010	Open	13.3	117

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 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/24/2025	21:30:00	7.3	2.634	0	444,047	Open	13.3	260
7/24/2025	21:45:00	7.3	0.000	0	444,070	Closed	13.7	260
7/24/2025	22:00:00	7.3	2.615	0.8	444,105	Open	13.3	117
7/24/2025	22:15:00	7.3	2.593	0	444,134	Open	13.2	117
7/24/2025	22:30:00	7.3	2.627	0.4	444,158	Open	13.3	115
7/24/2025	22:45:00	7.3	2.627	0.7	444,197	Open	13.2	115
7/24/2025	23:00:00	7.3	2.744	0.1	444,227	Open	13.1	114
7/24/2025	23:15:00	7.3	1.124	0.4	444,267	Closed	13.2	115
7/24/2025	23:30:00	7.3	2.725	1.9	444,285	Open	13.2	115
7/24/2025	23:45:00	7.3	2.714	1.4	444,326	Open	13.2	114
7/25/2025	0:00:00	7.3	0.000	4	444,347	Closed	13.6	114
7/25/2025	0:15:00	7.3	2.778	0.9	444,373	Open	13.3	114
7/25/2025	0:30:00	7.3	2.725	0.7	444,414	Open	13.4	116
7/25/2025	0:45:00	7.5	2.702	10.4	444,436	Open	15.4	119
7/25/2025	1:00:00	7.4	1.518	1.8	444,470	Open	13.4	116
7/25/2025	1:15:00	7.3	2.634	0.2	444,507	Open	13.3	116
7/25/2025	1:30:00	7.3	2.653	0.6	444,532	Open	13.3	116
7/25/2025	1:45:00	7.3	2.615	0.5	444,572	Open	13.1	117
7/25/2025	2:00:00	7.3	2.578	1.3	444,611	Open	13.1	117
7/25/2025	2:15:00	7.3	0.204	0.7	444,637	Open	13.8	115
7/25/2025	2:30:00	7.3	2.699	0.9	444,656	Open	13	114
7/25/2025	2:45:00	7.3	2.650	0.2	444,697	Open	13	114
7/25/2025	3:00:00	7.3	1.022	3.9	444,731	Open	13.3	115
7/25/2025	3:15:00	7.3	2.653	0.6	444,760	Open	13	115
7/25/2025	3:30:00	7.3	0.000	0.8	444,787	Open	13.4	114

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
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Data Date Range	**July 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/25/2025	3:45:00	7.3	2.623	0.9	444,809	Open	13	114
7/25/2025	4:00:00	7.3	2.585	2.7	444,848	Open	13.1	259
7/25/2025	4:15:00	7.2	0.000	14.2	444,873	Closed	13.6	269
7/25/2025	4:30:00	7.1	2.029	41.7	444,897	Open	13.7	279
7/25/2025	4:45:00	7	2.263	18.6	444,910	Open	13.9	288
7/25/2025	5:00:00	6.9	2.245	21.1	444,944	Open	14	284
7/25/2025	5:15:00	6.9	2.343	13.4	444,968	Open	13.7	287
7/25/2025	5:30:00	6.9	2.184	11.1	445,003	Open	13.6	281
7/25/2025	5:45:00	6.9	2.157	17.1	445,036	Open	13.3	275
7/25/2025	6:00:00	7	2.154	6.9	445,055	Open	13.1	272
7/25/2025	6:15:00	7	2.123	11.9	445,087	Open	13.1	268
7/25/2025	6:30:00	7	1.370	25	445,109	Closed	13	266
7/25/2025	6:45:00	7	2.438	11.5	445,129	Open	13	268
7/25/2025	7:00:00	7	2.192	16.9	445,163	Open	12.9	268
7/25/2025	7:15:00	7	1.540	19.8	445,190	Open	13	268
7/25/2025	7:30:00	7	1.575	18.3	445,201	Open	12.6	269
7/25/2025	7:45:00	6.9	1.741	19.1	445,214	Open	13.7	297
7/25/2025	8:00:00	6.9	0.821	40.6	445,215	Closed	12.6	281
7/25/2025	8:15:00	6.9	1.760	46.2	445,215	Closed	13.1	281
7/25/2025	8:30:00	7	0.931	40.6	445,215	Closed	12.8	291
7/25/2025	8:45:00	7.1	0.185	41	445,215	Closed	12.8	289
7/25/2025	9:00:00	7.1	1.734	6.5	445,216	Open	13	281
7/25/2025	9:15:00	7.1	2.623	0.9	445,248	Open	12.9	277
7/25/2025	9:30:00	7.1	2.411	6.3	445,282	Open	12.8	276
7/25/2025	9:45:00	7.1	1.302	23	445,308	Open	12.8	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 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/25/2025	10:00:00	7.1	2.392	6.1	445,343	Open	12.9	278
7/25/2025	10:15:00	7	2.301	6.8	445,378	Open	13	279
7/25/2025	10:30:00	7	2.120	16.7	445,396	Open	12.9	279
7/25/2025	10:45:00	7	2.604	1.3	445,432	Open	13	279
7/25/2025	11:00:00	7	2.839	1.1	445,473	Open	13.1	276
7/25/2025	11:15:00	7.1	1.851	4.4	445,504	Open	12.9	269
7/25/2025	11:30:00	7.2	0.000	0	445,535	Closed	12.9	263
7/25/2025	11:45:00	7.2	2.562	0.1	445,556	Open	13.1	261
7/25/2025	12:00:00	7.3	1.677	0.9	445,583	Open	13	261
7/25/2025	12:15:00	7.3	2.858	0	445,616	Open	13.1	261
7/25/2025	12:30:00	7.2	2.865	0	445,659	Open	13.2	266
7/25/2025	12:45:00	7.2	2.048	2.3	445,699	Open	13.2	262
7/25/2025	13:00:00	7.3	2.695	0.5	445,723	Open	13.8	255
7/25/2025	13:15:00	7.3	2.593	0.2	445,763	Open	13.3	114
7/25/2025	13:30:00	7.3	2.116	9.4	445,785	Open	13.4	115
7/25/2025	13:45:00	7.3	2.661	0.4	445,821	Open	13.3	115
7/25/2025	14:00:00	7.3	2.634	1	445,852	Open	13.3	115
7/25/2025	14:15:00	7.3	0.000	1.1	445,880	Closed	13.5	115
7/25/2025	14:30:00	7.4	2.638	0.8	445,908	Open	13.4	117
7/25/2025	14:45:00	7.4	0.000	1.8	445,944	Closed	13.3	117
7/25/2025	15:00:00	7.4	2.782	2.5	445,962	Open	13.3	118
7/25/2025	15:15:00	7.4	0.000	1.5	445,988	Closed	13.6	117
7/25/2025	15:30:00	7.4	2.983	1.2	446,026	Open	13.4	117
7/25/2025	15:45:00	7.3	1.847	3.3	446,050	Open	13.4	117
7/25/2025	16:00:00	7.3	0.000	4.3	446,083	Closed	13.5	117

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 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/25/2025	16:15:00	7.3	2.903	1.3	446,114	Open	13.4	117
7/25/2025	16:30:00	7.3	1.752	1.9	446,135	Open	13.5	117
7/25/2025	16:45:00	7.3	2.487	0.4	446,169	Open	13.4	117
7/25/2025	17:00:00	7.3	2.430	0.7	446,206	Open	13.4	117
7/25/2025	17:15:00	7.3	1.105	9.9	446,220	Open	14	258
7/25/2025	17:30:00	7.3	2.831	0.9	446,252	Open	13.5	117
7/25/2025	17:45:00	7.3	2.763	1.7	446,294	Open	13.4	117
7/25/2025	18:00:00	7.3	1.877	3	446,332	Open	13.4	117
7/25/2025	18:15:00	7.3	2.642	1.2	446,368	Open	13.4	117
7/25/2025	18:30:00	7.3	2.597	1.7	446,407	Open	13.3	117
7/25/2025	18:45:00	7.3	1.794	6.7	446,429	Open	14.3	117
7/25/2025	19:00:00	7.3	2.631	1.2	446,465	Open	15.2	117
7/25/2025	19:15:00	7.3	0.000	1.2	446,491	Closed	15.9	117
7/25/2025	19:30:00	7.3	2.589	0.7	446,524	Open	16.6	117
7/25/2025	19:45:00	7.3	2.547	0.5	446,562	Open	17.1	117
7/25/2025	20:00:00	7.3	0.000	0.9	446,583	Closed	17.5	117
7/25/2025	20:15:00	7.2	2.676	0.6	446,614	Open	18.4	117
7/25/2025	20:30:00	7.3	2.650	0.8	446,654	Open	13.4	117
7/25/2025	20:45:00	7.3	0.000	0.6	446,687	Closed	13.2	114
7/25/2025	21:00:00	7.3	2.581	1.4	446,702	Open	13	114
7/25/2025	21:15:00	7.3	2.562	0.3	446,740	Open	13.1	114
7/25/2025	21:30:00	7.3	0.000	0.4	446,771	Closed	13.5	259
7/25/2025	21:45:00	7.2	2.631	0.5	446,796	Open	13.6	263
7/25/2025	22:00:00	7.2	0.000	0.8	446,822	Closed	13.7	263
7/25/2025	22:15:00	7.2	2.600	0.2	446,849	Open	13.4	261

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 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/25/2025	22:30:00	7.2	2.566	0.3	446,888	Open	13.2	261
7/25/2025	22:45:00	7.2	2.646	0.8	446,911	Open	13	261
7/25/2025	23:00:00	7.2	2.604	0.7	446,950	Open	12.8	261
7/25/2025	23:15:00	7.2	2.400	1	446,972	Open	12.8	261
7/25/2025	23:30:00	7.2	2.464	1.5	447,009	Open	12.6	113
7/25/2025	23:45:00	7.2	2.422	0.4	447,046	Open	12.6	113
7/26/2025	0:00:00	7.3	1.166	2.4	447,072	Open	12.5	114
7/26/2025	0:15:00	7.3	2.562	0.4	447,092	Open	12.6	114
7/26/2025	0:30:00	7.3	2.525	1.6	447,130	Open	12.6	114
7/26/2025	0:45:00	7.3	0.250	0.2	447,159	Open	12.9	114
7/26/2025	1:00:00	7.3	1.336	0	447,182	Open	12.6	114
7/26/2025	1:15:00	7.3	2.415	0.3	447,217	Open	12.7	116
7/26/2025	1:30:00	7.3	0.220	0.4	447,247	Open	13.1	116
7/26/2025	1:45:00	7.3	2.396	0.5	447,273	Open	13	116
7/26/2025	2:00:00	7.3	2.396	0.6	447,310	Open	13	117
7/26/2025	2:15:00	7.3	2.358	0.3	447,345	Open	13	117
7/26/2025	2:30:00	7.3	0.227	0.1	447,368	Open	13.6	117
7/26/2025	2:45:00	7.3	2.430	1	447,398	Open	13.1	117
7/26/2025	3:00:00	7.3	2.407	0	447,426	Open	12.9	117
7/26/2025	3:15:00	7.2	2.718	0.7	447,463	Open	12.9	117
7/26/2025	3:30:00	7.3	2.725	0.8	447,484	Open	13.3	117
7/26/2025	3:45:00	7.3	2.721	1.4	447,525	Open	13	117
7/26/2025	4:00:00	7.3	2.706	0.4	447,549	Open	13.2	117
7/26/2025	4:15:00	7.3	2.642	0.6	447,589	Open	13.1	258
7/26/2025	4:30:00	7.2	1.472	2	447,604	Open	13.1	117

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 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/26/2025	4:45:00	7.2	0.242	0	447,639	Open	13.3	117
7/26/2025	5:00:00	7.2	2.771	0	447,668	Open	13.1	259
7/26/2025	5:15:00	7.2	2.706	0.2	447,709	Open	13.2	117
7/26/2025	5:30:00	7.3	2.714	0.2	447,734	Open	13.4	117
7/26/2025	5:45:00	7.3	2.665	0	447,767	Open	13.3	117
7/26/2025	6:00:00	7.3	2.702	0.3	447,792	Open	13.5	117
7/26/2025	6:15:00	7.3	2.668	2.6	447,832	Open	13.3	117
7/26/2025	6:30:00	7.3	2.460	1.5	447,860	Open	13.2	117
7/26/2025	6:45:00	7.2	2.468	2.7	447,884	Open	13.2	117
7/26/2025	7:00:00	7.2	2.441	2.7	447,920	Open	13.1	258
7/26/2025	7:15:00	7.2	2.180	0.9	447,953	Open	13	257
7/26/2025	7:30:00	7.2	0.197	0.7	447,956	Open	14	114
7/26/2025	7:45:00	7.3	2.491	352	447,981	Open	13.1	258
7/26/2025	8:00:00	7.3	2.169	0.8	448,010	Open	12.7	261
7/26/2025	8:15:00	7.2	2.377	1.7	448,045	Open	12.7	261
7/26/2025	8:30:00	7.2	2.786	9.4	448,081	Open	12.6	261
7/26/2025	8:45:00	7.1	2.752	15.8	448,123	Open	12.6	261
7/26/2025	9:00:00	7.1	2.222	8.4	448,147	Open	12.6	261
7/26/2025	9:15:00	7.1	2.597	7.5	448,176	Open	12.7	261
7/26/2025	9:30:00	7.1	2.680	6.1	448,216	Open	12.9	263
7/26/2025	9:45:00	7.2	2.528	1.5	448,249	Open	12.8	264
7/26/2025	10:00:00	7.2	0.000	1.6	448,273	Closed	13	264
7/26/2025	10:15:00	7.2	1.609	1.1	448,297	Open	12.8	263
7/26/2025	10:30:00	7.2	2.407	0.6	448,329	Open	12.8	263
7/26/2025	10:45:00	7.2	2.366	0.2	448,365	Open	12.8	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 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/26/2025	11:00:00	7.2	2.475	0.2	448,397	Open	12.8	263
7/26/2025	11:15:00	7.2	2.453	0.3	448,434	Open	12.7	263
7/26/2025	11:30:00	7.2	2.453	0.8	448,470	Open	12.7	263
7/26/2025	11:45:00	7.2	2.491	0.2	448,503	Open	12.8	263
7/26/2025	12:00:00	7.3	2.559	0.3	448,525	Open	12.9	263
7/26/2025	12:15:00	7.2	2.502	0.1	448,563	Open	12.8	261
7/26/2025	12:30:00	7.3	2.487	0.5	448,582	Open	13.3	264
7/26/2025	12:45:00	7.3	2.419	0.1	448,619	Open	12.9	261
7/26/2025	13:00:00	7.3	1.779	1.2	448,633	Open	13	261
7/26/2025	13:15:00	7.2	2.407	2.2	448,662	Open	12.8	263
7/26/2025	13:30:00	7.2	1.821	18	448,697	Open	12.8	263
7/26/2025	13:45:00	7.2	2.547	2.2	448,730	Open	12.8	263
7/26/2025	14:00:00	7.2	2.528	3.7	448,768	Open	12.8	263
7/26/2025	14:15:00	7.2	1.945	16.5	448,804	Open	12.9	263
7/26/2025	14:30:00	7.2	2.014	6.1	448,823	Open	13	261
7/26/2025	14:45:00	7.2	2.532	1.3	448,859	Open	13	261
7/26/2025	15:00:00	7.2	2.532	1.5	448,880	Open	13.2	261
7/26/2025	15:15:00	7.2	1.972	5.2	448,915	Open	13.2	261
7/26/2025	15:30:00	7.2	2.525	1	448,951	Open	13.1	262
7/26/2025	15:45:00	7.2	2.506	8.7	448,989	Open	13.2	262
7/26/2025	16:00:00	7.2	1.643	6.5	449,023	Open	13.3	262
7/26/2025	16:15:00	7.2	2.525	2.2	449,057	Open	13.4	262
7/26/2025	16:30:00	7.2	2.559	2.1	449,065	Open	13.8	259
7/26/2025	16:45:00	7.2	0.000	1.6	449,089	Closed	13.8	262
7/26/2025	17:00:00	7.2	2.555	1	449,119	Open	13.5	262

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 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/26/2025	17:15:00	7.2	2.532	0.9	449,157	Open	13.4	260
7/26/2025	17:30:00	7.2	1.559	2.9	449,190	Open	13.4	260
7/26/2025	17:45:00	7.2	2.684	1.1	449,226	Open	13.3	260
7/26/2025	18:00:00	7.2	2.646	3.3	449,266	Open	13.4	260
7/26/2025	18:15:00	7.2	2.086	10.1	449,287	Open	13.7	260
7/26/2025	18:30:00	7.2	2.702	2.1	449,326	Open	13.4	260
7/26/2025	18:45:00	7.2	0.000	2.4	449,355	Closed	13.6	260
7/26/2025	19:00:00	7.2	2.634	1.7	449,383	Open	13.3	260
7/26/2025	19:15:00	7.3	0.000	1.6	449,412	Closed	13.4	257
7/26/2025	19:30:00	7.2	2.566	1.9	449,442	Open	13.1	115
7/26/2025	19:45:00	7.3	2.528	1.9	449,464	Open	13.5	114
7/26/2025	20:00:00	7.3	2.540	1.2	449,502	Open	12.9	115
7/26/2025	20:15:00	7.3	0.000	0.2	449,526	Closed	12.9	115
7/26/2025	20:30:00	7.3	2.699	0.8	449,556	Open	12.8	115
7/26/2025	20:45:00	7.3	0.000	1	449,587	Closed	12.9	115
7/26/2025	21:00:00	7.3	2.668	0.3	449,615	Open	12.7	115
7/26/2025	21:15:00	7.3	2.631	0.8	449,654	Open	12.7	116
7/26/2025	21:30:00	7.3	2.604	0	449,693	Open	13	118
7/26/2025	21:45:00	7.3	2.661	0	449,728	Open	13.2	119
7/26/2025	22:00:00	7.3	2.661	0	449,750	Open	13.6	121
7/26/2025	22:15:00	7.3	2.615	0	449,790	Open	13.6	121
7/26/2025	22:30:00	7.3	2.661	0.6	449,812	Open	13.7	119
7/26/2025	22:45:00	7.3	2.615	0.4	449,851	Open	13.4	118
7/26/2025	23:00:00	7.3	2.623	0.7	449,872	Open	13.6	119
7/26/2025	23:15:00	7.3	2.653	0	449,906	Open	13.5	119

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**July 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/26/2025	23:30:00	7.3	2.638	0	449,929	Open	13.6	121
7/26/2025	23:45:00	7.3	2.597	0	449,968	Open	13.7	121
7/27/2025	0:00:00	7.3	2.631	0	449,985	Open	14	121
7/27/2025	0:15:00	7.3	2.581	0	450,025	Open	13.9	121
7/27/2025	0:30:00	7.3	2.551	0	450,046	Open	13.8	119
7/27/2025	0:45:00	7.3	2.634	0.5	450,080	Open	13.5	119
7/27/2025	1:00:00	7.3	0.000	0.1	450,110	Closed	13.6	117
7/27/2025	1:15:00	7.3	2.547	3.1	450,140	Open	13.2	117
7/27/2025	1:30:00	7.3	2.574	3	450,158	Open	13.8	116
7/27/2025	1:45:00	7.3	2.570	0.8	450,197	Open	12.9	116
7/27/2025	2:00:00	7.3	2.551	0.8	450,219	Closed	13.2	114
7/27/2025	2:15:00	7.3	2.759	0.3	450,254	Open	12.7	114
7/27/2025	2:30:00	7.3	2.699	1.5	450,295	Open	12.6	114
7/27/2025	2:45:00	7.3	2.642	1.3	450,335	Open	12.7	117
7/27/2025	3:00:00	7.3	2.706	1.9	450,356	Open	12.8	114
7/27/2025	3:15:00	7.3	2.646	0.9	450,386	Open	12.5	114
7/27/2025	3:30:00	7.3	2.600	0.7	450,426	Open	12.5	114
7/27/2025	3:45:00	7.3	2.555	7.4	450,450	Closed	12.9	114
7/27/2025	4:00:00	7.3	2.631	1.2	450,483	Open	12.5	114
7/27/2025	4:15:00	7.3	0.000	1.4	450,514	Closed	12.6	114
7/27/2025	4:30:00	7.3	2.702	1.1	450,543	Open	12.4	114
7/27/2025	4:45:00	7.3	2.653	0.1	450,578	Open	12.4	116
7/27/2025	5:00:00	7.3	0.000	0.3	450,605	Closed	13.1	119
7/27/2025	5:15:00	7.4	2.631	0.7	450,642	Open	13	119
7/27/2025	5:30:00	7.3	2.661	0.8	450,677	Open	13	117

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 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/27/2025	5:45:00	7.3	0.000	1.5	450,713	Closed	13	116
7/27/2025	6:00:00	7.3	2.638	9.3	450,738	Open	12.8	116
7/27/2025	6:15:00	7.3	2.744	0.2	450,770	Open	12.7	116
7/27/2025	6:30:00	7.3	2.744	0.5	450,791	Open	13.2	114
7/27/2025	6:45:00	7.3	2.695	1	450,832	Open	12.5	114
7/27/2025	7:00:00	7.3	2.718	3.3	450,852	Open	12.8	113
7/27/2025	7:15:00	7.3	2.687	1.4	450,892	Open	12.3	114
7/27/2025	7:30:00	7.3	2.687	1.8	450,913	Open	12.5	114
7/27/2025	7:45:00	7.3	2.657	1.2	450,946	Open	12.3	114
7/27/2025	8:00:00	7.3	0.000	400.3	450,981	Closed	12.4	114
7/27/2025	8:15:00	7.3	2.702	1	451,006	Open	12.4	114
7/27/2025	8:30:00	7.3	0.000	1	451,038	Closed	12.5	114
7/27/2025	8:45:00	7.3	2.650	1.5	451,062	Open	12.4	114
7/27/2025	9:00:00	7.3	0.000	10.3	451,084	Closed	12.7	113
7/27/2025	9:15:00	7.2	2.146	28.8	451,085	Closed	12.4	114
7/27/2025	9:30:00	7.3	2.767	9.7	451,115	Open	12.6	114
7/27/2025	9:45:00	7.3	2.699	5.6	451,153	Open	12.6	114
7/27/2025	10:00:00	7.3	0.000	1.9	451,185	Closed	12.7	114
7/27/2025	10:15:00	7.3	2.150	0.7	451,213	Open	12.7	114
7/27/2025	10:30:00	7.3	2.710	0.5	451,250	Open	12.8	114
7/27/2025	10:45:00	7.3	1.601	0.2	451,286	Open	12.9	114
7/27/2025	11:00:00	7.3	2.135	1.2	451,309	Open	13	114
7/27/2025	11:15:00	7.3	2.256	0.9	451,336	Open	12.9	115
7/27/2025	11:30:00	7.3	2.691	1.9	451,368	Open	13	114
7/27/2025	11:45:00	7.3	2.286	0.7	451,390	Open	13.2	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 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/27/2025	12:00:00	7.3	2.740	0.5	451,428	Open	13.1	116
7/27/2025	12:15:00	7.3	2.680	0.4	451,469	Open	13.1	116
7/27/2025	12:30:00	7.3	2.297	1	451,503	Open	13.2	116
7/27/2025	12:45:00	7.3	2.509	0.1	451,540	Open	13.3	116
7/27/2025	13:00:00	7.3	2.460	0.1	451,577	Open	13.3	117
7/27/2025	13:15:00	7.3	2.419	0.6	451,609	Open	13.4	116
7/27/2025	13:30:00	7.3	2.547	0.3	451,630	Open	13.4	117
7/27/2025	13:45:00	7.3	0.000	0.1	451,665	Closed	13.3	117
7/27/2025	14:00:00	7.3	2.260	0.7	451,677	Open	13.4	116
7/27/2025	14:15:00	7.3	0.000	0	451,708	Closed	13.3	117
7/27/2025	14:30:00	7.3	2.487	0.4	451,731	Open	13.4	117
7/27/2025	14:45:00	7.3	2.612	0.3	451,765	Open	13.5	117
7/27/2025	15:00:00	7.3	2.566	0.7	451,804	Open	13.5	117
7/27/2025	15:15:00	7.3	2.498	1	451,841	Open	13.5	117
7/27/2025	15:30:00	7.3	2.593	1.3	451,859	Open	13.6	117
7/27/2025	15:45:00	7.3	2.517	0.2	451,897	Open	13.7	117
7/27/2025	16:00:00	7.3	0.000	0.3	451,925	Closed	14	257
7/27/2025	16:15:00	7.3	1.620	2.9	451,949	Open	13.5	117
7/27/2025	16:30:00	7.3	2.475	0	451,979	Open	13.5	117
7/27/2025	16:45:00	7.3	1.821	0.7	452,010	Open	13.5	117
7/27/2025	17:00:00	7.3	1.438	12.8	452,040	Open	13.4	117
7/27/2025	17:15:00	7.3	2.786	0.2	452,072	Open	13.3	117
7/27/2025	17:30:00	7.3	2.979	0.8	452,115	Open	13.4	117
7/27/2025	17:45:00	7.3	1.949	6	452,155	Closed	13.4	117
7/27/2025	18:00:00	7.3	1.972	1.2	452,165	Closed	13.6	117

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 21, 2025 to July 27, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **August 01, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/27/2025	18:15:00	7.3	2.774	1.1	452,195	Open	13.6	117
7/27/2025	18:30:00	7.3	2.627	0.1	452,234	Open	13.5	117
7/27/2025	18:45:00	7.3	1.987	1.3	452,273	Open	13.4	117
7/27/2025	19:00:00	7.3	2.725	1.1	452,291	Open	13.7	117
7/27/2025	19:15:00	7.3	2.631	0.5	452,331	Open	13.3	117
7/27/2025	19:30:00	7.3	1.881	4.6	452,354	Closed	13.6	258
7/27/2025	19:45:00	7.3	2.763	0.1	452,386	Open	13.1	117
7/27/2025	20:00:00	7.3	2.612	0.7	452,427	Open	13	117
7/27/2025	20:15:00	7.3	1.961	0.7	452,465	Open	13	117
7/27/2025	20:30:00	7.3	2.615	0.2	452,495	Open	12.9	117
7/27/2025	20:45:00	7.3	0.000	0.8	452,528	Closed	13	117
7/27/2025	21:00:00	7.3	2.067	1.1	452,558	Open	13	114
7/27/2025	21:15:00	7.3	2.695	0.3	452,594	Open	12.9	117
7/27/2025	21:30:00	7.3	0.000	2.1	452,629	Closed	12.9	115
7/27/2025	21:45:00	7.3	2.006	0.9	452,654	Open	12.9	114
7/27/2025	22:00:00	7.3	2.593	0.5	452,684	Open	12.7	115
7/27/2025	22:15:00	7.3	2.547	1	452,723	Open	12.7	115
7/27/2025	22:30:00	7.3	1.722	3.4	452,742	Closed	13.1	114
7/27/2025	22:45:00	7.3	2.593	0.5	452,775	Open	12.7	114
7/27/2025	23:00:00	7.3	2.536	0.7	452,814	Open	12.6	114
7/27/2025	23:15:00	7.3	0.000	0.4	452,845	Closed	12.7	114
7/27/2025	23:30:00	7.3	2.718	0.6	452,869	Open	12.7	114
7/27/2025	23:45:00	7.3	2.668	0.7	452,909	Open	12.7	114

Appendix B: Photos

Photo 1: No visible sheen observed in the WTP water, July 21

Photo 2: No visible sheen observed in the WTP water, July 22

Photo 3: No visible sheen observed in the WTP water, July 23


Photo 4: No visible sheen observed in the WTP water, July 24

Photo 4: No visible sheen observed in the WTP water, July 25

Photo 4: No visible sheen observed in the WTP water, July 26

Photo 4: No visible sheen observed in the WTP water, July 27

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 2025-07-22 08:25:00** [3]	**WLNG DS 2025-07-22 10:15:00** [3]
In situ Parameters									
Field pH	**pH Units**	6.5 - 9			7 - 8.7			**6.44**	7.42
Field Temperature	**°C**	18	19					15.2	**12.8**
General Parameters									
pH	**pH Units**							6.49	7.69
Alkalinity (Total as $CaCO_3$)	**mg/L**							7.7	46
Alkalinity (PP as $CaCO_3$)	**mg/L**							<1	<1
Hardness ($CaCO_3$)-Total	**mg/L**							9.16	54.3
Hardness ($CaCO_3$)-Dissolved	**mg/L**							8.92	52.4
Sulphide-Total	**mg/L**							<0.0018	<0.0018
Sulphide (as H_2S)	**mg/L**			0.002				<0.002	<0.002
Un-ionized Hydrogen Sulfide as H_2S-Total	**mg/L**							<0.0019	<0.0019
Un-ionized Hydrogen Sulfide as S-Total	**mg/L**							<0.0018	<0.0018
Anions and Nutrients									
Ammonia (N)-Total	**mg/L**	1.23	12		14	17		<0.015	<0.015
Bicarbonate (HCO_3)	**mg/L**							9.4	57
Carbonate (CO_3)	**mg/L**							<1	<1
Hydroxide (OH)	**mg/L**							<1	<1
Nitrate (N)	**mg/L**	3	32.8		3.7			0.026	<0.02
Nitrite (N)	**mg/L**	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	**mg/L**							0.026	<0.02
Nitrogen (N)-Total	**mg/L**							0.076	0.119
Phosphorus (P)-Total (4500-P)	**mg/L**							0.0085	0.0084
Bromide (Br)	**mg/L**							<0.01	<0.01
Chloride (Cl)	**mg/L**	150	600					<1	11
Fluoride (F)	**mg/L**		0.4			1.5		<0.05	0.21
Sulphate (SO_4)-Dissolved	**mg/L**	128						2.5	7.6

[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.

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 2025-07-22 08:25:00** [3]	**WLNG DS 2025-07-22 10:15:00** [3]
Total Metals									
Aluminum (Al)-Total	**mg/L**	0.023913						**0.0727**	**0.104**
Antimony (Sb)-Total	**mg/L**	0.074	0.25					0.000023	0.00075
Arsenic (As)-Total	**mg/L**	0.005			0.0125			0.000122	0.00136
Barium (Ba)-Total	**mg/L**			1				0.0061	0.00722
Beryllium (Be)-Total	**mg/L**			0.00013			0.1	<0.00001	<0.00001
Bismuth (Bi)-Total	**mg/L**							<0.00001	<0.00001
Boron (B)-Total	**mg/L**	1.2			1.2			<0.01	0.014
Cadmium (Cd)-Total	**mg/L**						0.00012	0.0000069	0.0000128
Calcium (Ca)-Total	**mg/L**							3.1	20.1
Cesium (Cs)-Total	**mg/L**							<0.00005	<0.00005
Chromium (Cr)-Total	**mg/L**							0.00018	<0.0001
Chromium (Cr III)-Total	**mg/L**			0.0089			0.056	<0.00099	<0.00099
Chromium (Cr VI)-Total	**mg/L**			0.0025			0.0015	<0.00099	<0.00099
Cobalt (Co)-Total	**mg/L**							0.000031	0.000042
Copper (Cu)-Total	**mg/L**				0.002	0.003		0.00065	<0.0001
Iron (Fe)-Total	**mg/L**		1					0.0849	0.0175
Lead (Pb)-Total	**mg/L**				0.002	0.14		0.000054	0.000034
Lithium (Li)-Total	**mg/L**							<0.0005	0.00457
Magnesium (Mg)-Total	**mg/L**							0.34	0.96
Manganese (Mn)-Total	**mg/L**	0.645	0.641				0.1	0.003	0.0394
Mercury (Hg)-Total	**mg/L**	0.00002			0.00002			<0.0000019	<0.0000019
Molybdenum (Mo)-Total	**mg/L**	7.6	46					0.000512	0.0183
Nickel (Ni)-Total	**mg/L**						0.0083	0.00027	0.00019
Phosphorus (P)-Total (ICPMS)	**mg/L**							0.0101	<0.005
Potassium (K)-Total	**mg/L**							<0.25	2.1
Rubidium (Rb)-Total	**mg/L**							0.000584	0.00446
Selenium (Se)-Total	**mg/L**	0.002			0.002			<0.00004	<0.00004
Silicon (Si)-Total	**mg/L**							4.96	6.69
Silver (Ag)-Total	**mg/L**	0.00012			0.0005	0.0037	0.0005	<0.00001	<0.00001
Sodium (Na)-Total	**mg/L**							2.04	6.74
Strontium (Sr)-Total	**mg/L**							0.0165	0.043
Sulphur (S)-Total	**mg/L**							<3	<3
Tellurium (Te)-Total	**mg/L**							<0.00002	<0.00002
Thallium (Tl)-Total	**mg/L**			0.00003				<0.000002	0.0000165
Thorium (Th)-Total	**mg/L**							<0.00005	<0.00005
Tin (Sn)-Total	**mg/L**							<0.0002	<0.0002
Titanium (Ti)-Total	**mg/L**							<0.002	<0.002
Uranium (U)-Total	**mg/L**		0.0165	0.0075				0.0000542	0.000358
Vanadium (V)-Total	**mg/L**			0.06			0.005	0.00022	<0.0002
Zinc (Zn)-Total	**mg/L**				0.01	0.055		<0.001	0.0016
Zirconium (Zr)-Total	**mg/L**							<0.0001	<0.0001

[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.

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 2025-07-22 08:25:00** [3]	**WLNG DS 2025-07-22 10:15:00** [3]
Dissolved Metals									
Aluminum (Al)-Dissolved	**mg/L**							0.0344	0.059
Antimony (Sb)-Dissolved	**mg/L**							0.000028	0.000737
Arsenic (As)-Dissolved	**mg/L**							0.000112	0.00126
Barium (Ba)-Dissolved	**mg/L**							0.00556	0.00674
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	0.017
Cadmium (Cd)-Dissolved	**mg/L**	0.000036	0.00005					0.0000087	0.0000128
Calcium (Ca)-Dissolved	**mg/L**							3.02	19.4
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						0.0000136	0.0000367
Copper (Cu)-Dissolved	**mg/L**	0.0002	0.0002					**0.000536**	0.000069
Iron (Fe)-Dissolved	**mg/L**		0.35					0.0309	0.002
Lead (Pb)-Dissolved	**mg/L**	0.001631						0.0000163	<0.000005
Lithium (Li)-Dissolved	**mg/L**							<0.0005	0.00466
Manganese (Mn)-Dissolved	**mg/L**							0.000434	0.0335
Magnesium (Mg)-Dissolved	**mg/L**							0.333	0.969
Mercury (Hg)-Dissolved	**mg/L**							<0.0000019	<0.0000019
Molybdenum (Mo)-Dissolved	**mg/L**							0.000547	0.019
Nickel (Ni)-Dissolved	**mg/L**	0.0006	0.0093					0.000261	0.000174
Phosphorus (P)-Dissolved	**mg/L**							0.0047	0.0031
Potassium (K)-Dissolved	**mg/L**							0.217	1.9
Rubidium (Rb)-Dissolved	**mg/L**							0.00053	0.00431
Selenium (Se)-Dissolved	**mg/L**							<0.00004	<0.00004
Silicon (Si)-Dissolved	**mg/L**							5.06	6.51
Silver (Ag)-Dissolved	**mg/L**							<0.000005	<0.000005
Sodium (Na)-Dissolved	**mg/L**							1.97	6.61
Strontium (Sr)-Dissolved	**mg/L**			1.25				0.016	0.0422
Sulphur (S)-Dissolved	**mg/L**							<3	<3
Tellurium (Te)-Dissolved	**mg/L**							<0.00002	<0.00002
Thallium (Tl)-Dissolved	**mg/L**							0.0000029	0.0000156
Thorium (Th)-Dissolved	**mg/L**							0.0000107	<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**							0.000049	0.000342
Vanadium (V)-Dissolved	**mg/L**							<0.0002	<0.0002
Zinc (Zn)-Dissolved	**mg/L**	0.00492	0.008555					0.00062	0.00108
Zirconium (Zr)-Dissolved	**mg/L**							<0.0001	<0.0001
Inorganics									
Organic Carbon (C)-Total	**mg/L**							1.9	1.3
Organic Carbon (C)-Dissolved	**mg/L**							1.7	0.83
Solids-Total Dissolved	**mg/L**							16	110
Solids-Total Suspended	**mg/L**	17	37					12	1.2

[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 22, 2025
Site Name:	East Creek	**Time:**	10:15
Site UTM:	Zone: E:	**Crew:**	WB
(NAD83)	N:	**Weather:**	Sunny

In Situ Parameters

pH:	7.42	DO:	1.14 (mg/L)
Temp.:	12.8 (°C)	Cond:	169.7 (us)
Turbidity:	6.01 NTU		

Visible Sheen: N

Water Surface Condition: Clear

Photo Record

Photo

Photo

Photo

Observations

Location Information

Site ID:	WLNG (EAS) US	**Date:**	July 22, 2025
Site Name:	East Creek	**Time:**	8:25
Site UTM: (NAD83)	Zone: E: N:	**Crew:**	WB
		Weather:	Sunny

In Situ Parameters

pH:	6.44	DO:	0.61 (mg/L)
Temp.:	15.2 (°C)	Cond:	47.4 (us)
Turbidity:	3.41 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	2025-07-21 00:00:00	12.385	145.686	-0.012	7.752	10.229	20.022
WLNG-DS	2025-07-21 01:00:00	12.301	142.157	-0.014	7.755	10.214	1.728
WLNG-DS	2025-07-21 02:00:00	12.290	135.490	0.000	7.774	10.132	3.366
WLNG-DS	2025-07-21 03:00:00	12.190	135.418	-0.003	7.765	10.268	10.098
WLNG-DS	2025-07-21 04:00:00	12.179	139.869	-0.008	7.740	10.263	10.269
WLNG-DS	2025-07-21 05:00:00	12.322	141.604	0.002	7.634	9.755	2.759
WLNG-DS	2025-07-21 06:00:00	12.248	145.326	-0.014	7.725	10.217	1.911
WLNG-DS	2025-07-21 07:00:00	12.237	143.811	-0.010	7.706	10.268	12.777
WLNG-DS	2025-07-21 08:00:00	12.062	138.953	0.004	7.698	10.306	17.700
WLNG-DS	2025-07-21 09:00:00	12.229	139.789	0.011	7.707	10.256	10.932
WLNG-DS	2025-07-21 10:00:00	12.489	142.604	0.011	7.733	10.189	12.214
WLNG-DS	2025-07-21 11:00:00	12.790	141.993	0.001	7.738	10.107	4.504
WLNG-DS	2025-07-21 12:00:00	13.167	141.865	-0.002	7.744	10.028	8.523
WLNG-DS	2025-07-21 13:00:00	13.580	139.388	0.005	7.619	9.252	0.000
WLNG-DS	2025-07-21 14:00:00	13.404	142.038	0.000	7.745	9.943	4.965
WLNG-DS	2025-07-21 15:00:00	13.457	142.503	-0.006	7.757	9.929	8.323
WLNG-DS	2025-07-21 16:00:00	13.059	141.426	0.004	7.754	10.032	10.110
WLNG-DS	2025-07-21 17:00:00	12.970	140.975	-0.004	7.755	10.054	7.452
WLNG-DS	2025-07-21 18:00:00	12.986	142.947	0.000	7.746	10.061	6.840
WLNG-DS	2025-07-21 19:00:00	12.946	142.605	0.000	7.757	10.055	14.615
WLNG-DS	2025-07-21 20:00:00	12.730	140.805	-0.002	7.753	10.101	3.431
WLNG-DS	2025-07-21 21:00:00	12.758	145.138	-0.005	7.736	10.119	9.801
WLNG-DS	2025-07-21 22:00:00	12.958	145.515	-0.008	7.764	10.067	4.112
WLNG-DS	2025-07-21 23:00:00	12.868	147.035	-0.007	7.782	10.062	2.889
WLNG-DS	2025-07-22 00:00:00	12.771	146.398	-0.001	7.773	10.067	0.482
WLNG-DS	2025-07-22 01:00:00	12.774	147.763	-0.006	7.743	10.110	7.620
WLNG-DS	2025-07-22 02:00:00	12.799	148.588	-0.010	7.749	10.057	3.681
WLNG-DS	2025-07-22 03:00:00	12.656	146.696	-0.012	7.720	10.128	6.151
WLNG-DS	2025-07-22 04:00:00	12.458	142.654	-0.009	7.725	10.173	6.386
WLNG-DS	2025-07-22 05:00:00	12.414	141.139	-0.007	7.724	10.208	13.891
WLNG-DS	2025-07-22 06:00:00	12.367	141.162	-0.005	7.722	10.214	6.418
WLNG-DS	2025-07-22 07:00:00	12.441	144.622	0.005	7.734	10.044	6.843
WLNG-DS	2025-07-22 08:00:00	12.157	139.323	-0.005	7.735	10.287	5.508
WLNG-DS	2025-07-22 09:00:00	12.605	141.210	0.007	7.752	10.006	1.591
WLNG-DS	2025-07-22 10:00:00	12.818	145.018	-0.004	7.780	10.102	9.028
WLNG-DS	2025-07-22 11:00:00	13.132	146.918	0.013	7.787	10.041	5.960
WLNG-DS	2025-07-22 12:00:00	13.354	144.526	-0.006	7.790	9.991	11.359
WLNG-DS	2025-07-22 13:00:00	13.557	144.049	-0.006	7.777	9.946	6.331
WLNG-DS	2025-07-22 14:00:00	13.731	146.235	-0.005	7.788	9.905	9.342
WLNG-DS	2025-07-22 15:00:00	13.633	143.606	-0.007	7.829	9.902	2.002
WLNG-DS	2025-07-22 16:00:00	13.631	144.598	-0.008	7.785	9.927	6.662
WLNG-DS	2025-07-22 17:00:00	13.472	143.374	-0.013	7.787	9.960	4.596
WLNG-DS	2025-07-22 18:00:00	13.419	143.900	-0.011	7.821	9.929	4.255
WLNG-DS	2025-07-22 19:00:00	12.968	140.937	-0.009	7.758	10.065	6.202
WLNG-DS	2025-07-22 20:00:00	12.768	139.427	-0.007	7.774	10.084	4.285
WLNG-DS	2025-07-22 21:00:00	12.610	138.599	-0.007	7.739	10.157	3.964
WLNG-DS	2025-07-22 22:00:00	12.466	139.080	-0.003	7.725	10.195	6.325
WLNG-DS	2025-07-22 23:00:00	12.412	139.423	0.004	7.746	10.184	4.800
WLNG-DS	2025-07-23 00:00:00	12.631	143.130	-0.003	7.751	10.148	18.514
WLNG-DS	2025-07-23 01:00:00	12.634	142.122	0.005	7.726	10.007	4.691
WLNG-DS	2025-07-23 02:00:00	12.654	143.972	-0.005	7.738	10.164	4.336

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	2025-07-23 03:00:00	12.662	146.648	0.034	7.747	10.150	6.122
WLNG-DS	2025-07-23 04:00:00	12.571	145.203	-0.001	7.737	10.191	6.171
WLNG-DS	2025-07-23 05:00:00	12.519	146.067	-0.011	7.735	10.216	4.942
WLNG-DS	2025-07-23 06:00:00	12.564	146.936	0.001	7.728	10.201	8.263
WLNG-DS	2025-07-23 07:00:00	12.474	142.775	0.009	7.725	10.214	1.993
WLNG-DS	2025-07-23 08:00:00	12.344	137.939	0.004	7.737	10.148	1.582
WLNG-DS	2025-07-23 09:00:00	12.585	139.530	0.011	7.730	10.220	4.732
WLNG-DS	2025-07-23 10:00:00	12.678	140.360	-0.003	7.767	10.192	4.689
WLNG-DS	2025-07-23 11:00:00	12.754	138.149	-0.004	7.775	10.175	2.036
WLNG-DS	2025-07-23 12:00:00	13.179	137.157	0.002	7.689	9.714	0.000
WLNG-DS	2025-07-23 13:00:00	13.152	139.689	0.042	7.796	10.085	3.321
WLNG-DS	2025-07-23 14:00:00		138.314				
WLNG-DS	2025-07-23 15:00:00	13.264	137.821	0.030	7.786	10.038	1.822
WLNG-DS	2025-07-23 16:00:00	13.176	137.886	0.009	7.794	10.056	1.885
WLNG-DS	2025-07-23 17:00:00	13.021	138.256	0.009	7.796	10.099	3.045
WLNG-DS	2025-07-23 18:00:00	12.893	138.143	0.004	7.781	10.117	5.871
WLNG-DS	2025-07-23 19:00:00	12.871	137.510	0.013	7.781	10.088	2.827
WLNG-DS	2025-07-23 20:00:00	12.293	135.327	-0.001	7.755	10.252	3.250
WLNG-DS	2025-07-23 21:00:00	12.180	133.940	0.009	7.761	10.293	4.523
WLNG-DS	2025-07-23 22:00:00	12.229	132.664	0.006	7.787	10.259	4.223
WLNG-DS	2025-07-23 23:00:00	12.215	133.609	0.005	7.768	10.267	2.714
WLNG-DS	2025-07-24 00:00:00	12.161	133.195	0.000	7.785	10.278	4.857
WLNG-DS	2025-07-24 01:00:00	12.237	136.211	0.004	7.777	10.254	1.809
WLNG-DS	2025-07-24 02:00:00	12.187	139.282	0.015	7.765	10.260	3.667
WLNG-DS	2025-07-24 03:00:00	12.039	136.546	0.043	7.754	10.294	0.767
WLNG-DS	2025-07-24 04:00:00	12.188	142.090	0.018	7.739	10.260	2.875
WLNG-DS	2025-07-24 05:00:00	12.051	143.784	0.018	7.695	10.307	6.665
WLNG-DS	2025-07-24 06:00:00	12.037	141.822	0.028	7.692	10.307	4.839
WLNG-DS	2025-07-24 07:00:00	12.188	139.210	0.014	7.733	10.143	1.907
WLNG-DS	2025-07-24 08:00:00	11.851	136.563	0.036	7.729	10.360	9.090
WLNG-DS	2025-07-24 09:00:00	12.143	137.239	0.035	7.742	10.297	7.846
WLNG-DS	2025-07-24 10:00:00	12.312	137.030	0.024	7.757	10.251	5.886
WLNG-DS	2025-07-24 11:00:00	12.631	136.498	0.015	7.765	10.176	8.173
WLNG-DS	2025-07-24 12:00:00	12.842	135.767	0.012	7.801	10.141	8.512
WLNG-DS	2025-07-24 13:00:00	13.315	135.590	0.015	7.776	9.841	1.137
WLNG-DS	2025-07-24 14:00:00	13.093	135.417	0.020	7.786	10.069	6.454
WLNG-DS	2025-07-24 15:00:00		136.257				
WLNG-DS	2025-07-24 16:00:00	13.187	135.338	0.005	7.797	10.050	7.455
WLNG-DS	2025-07-24 17:00:00	13.260	135.656	0.001	7.788	10.028	2.933
WLNG-DS	2025-07-24 18:00:00	12.904	134.116	0.004	7.815	10.070	3.379
WLNG-DS	2025-07-24 19:00:00	12.592	135.056	0.003	7.772	10.159	6.442
WLNG-DS	2025-07-24 20:00:00	12.409	134.461	0.002	7.780	10.098	2.189
WLNG-DS	2025-07-24 21:00:00	12.222	134.103	0.001	7.761	10.258	5.521
WLNG-DS	2025-07-24 22:00:00	12.264	134.304	0.004	7.751	10.241	8.656
WLNG-DS	2025-07-24 23:00:00	12.183	131.793	0.000	7.793	10.239	7.349
WLNG-DS	2025-07-25 00:00:00	12.189	131.036	0.003	7.793	10.175	5.485
WLNG-DS	2025-07-25 01:00:00	12.139	131.343	0.002	7.790	10.271	17.898
WLNG-DS	2025-07-25 02:00:00	11.969	131.075	-0.002	7.787	10.281	7.681
WLNG-DS	2025-07-25 03:00:00	11.944	132.181	-0.001	7.796	10.329	4.929

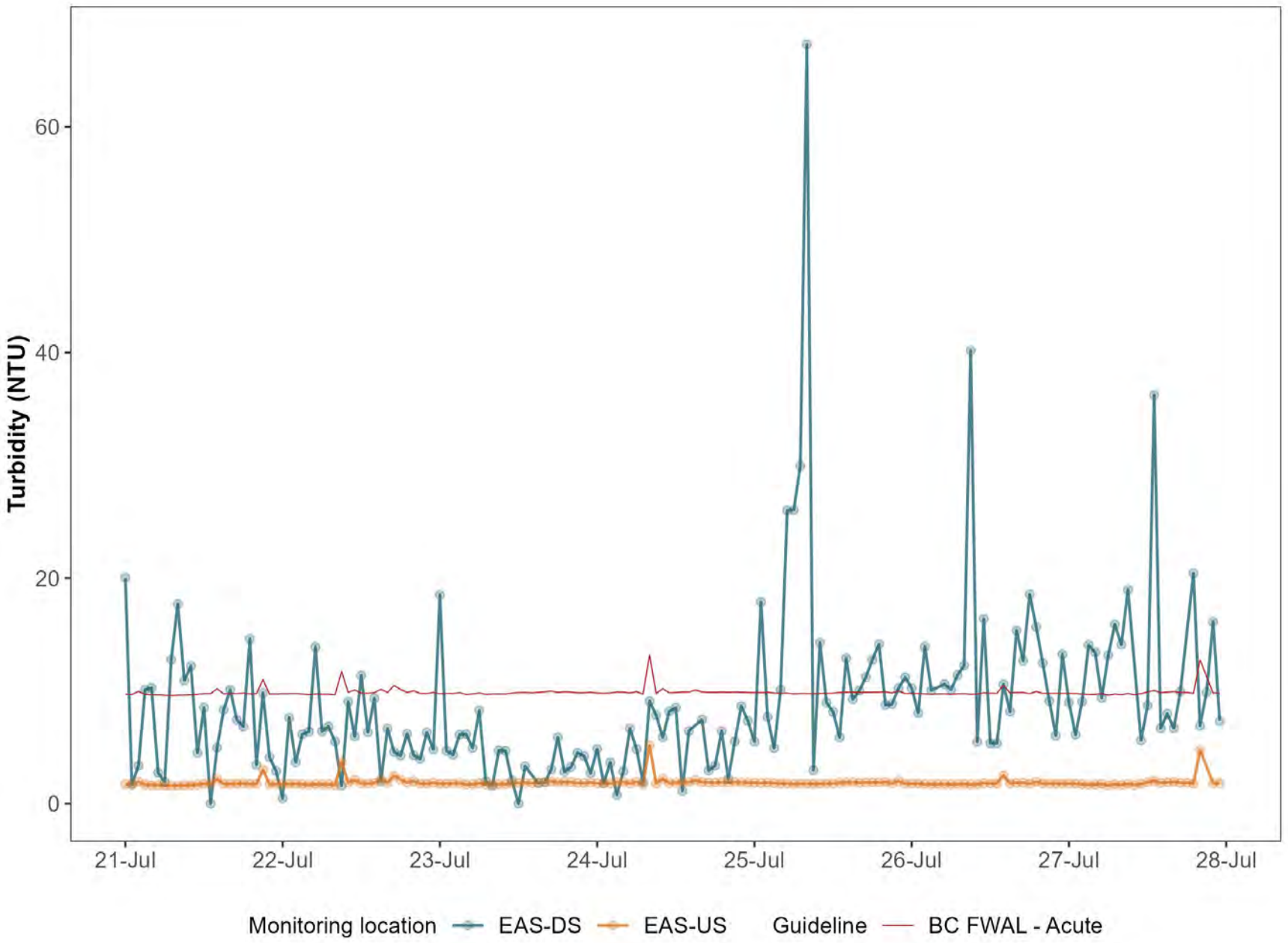
Woodfibre LNG (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-DS	2025-07-25 04:00:00	12.069	136.982	0.001	7.749	10.296	10.094
WLNG-DS	2025-07-25 05:00:00	12.844	170.527	-0.009	7.494	10.069	25.996
WLNG-DS	2025-07-25 06:00:00	12.099	151.661	0.005	7.629	10.218	26.023
WLNG-DS	2025-07-25 07:00:00	11.828	145.737	0.001	7.625	10.354	29.932
WLNG-DS	2025-07-25 08:00:00	12.111	164.950	0.002	7.562	10.015	67.329
WLNG-DS	2025-07-25 09:00:00	12.393	158.678	0.009	7.498	8.948	2.975
WLNG-DS	2025-07-25 10:00:00	12.158	158.638	-0.003	7.643	10.253	14.276
WLNG-DS	2025-07-25 11:00:00	12.212	158.431	-0.005	7.622	10.274	8.972
WLNG-DS	2025-07-25 12:00:00	12.281	136.356	0.009	7.819	10.261	8.137
WLNG-DS	2025-07-25 13:00:00	12.457	134.332	0.003	7.823	10.214	5.876
WLNG-DS	2025-07-25 14:00:00	12.589	130.954	-0.004	7.828	10.182	12.887
WLNG-DS	2025-07-25 15:00:00	12.561	127.078	-0.003	7.880	10.181	9.244
WLNG-DS	2025-07-25 16:00:00	12.514	132.429	0.001	7.784	10.189	10.014
WLNG-DS	2025-07-25 17:00:00	12.411	132.391	-0.009	7.800	10.224	11.217
WLNG-DS	2025-07-25 18:00:00	12.357	126.986	-0.002	7.814	10.211	12.757
WLNG-DS	2025-07-25 19:00:00	12.241	130.371	-0.003	7.784	10.241	14.138
WLNG-DS	2025-07-25 20:00:00	11.850	128.542	-0.005	7.805	10.323	8.758
WLNG-DS	2025-07-25 21:00:00	11.999	130.027	0.001	7.805	10.272	8.833
WLNG-DS	2025-07-25 22:00:00	12.836	139.909	-0.004	7.799	10.067	10.241
WLNG-DS	2025-07-25 23:00:00	11.930	135.698	-0.001	7.742	10.323	11.204
WLNG-DS	2025-07-26 00:00:00	11.724	133.357	0.002	7.789	10.337	10.236
WLNG-DS	2025-07-26 01:00:00	11.671	133.392	0.008	7.782	10.378	8.046
WLNG-DS	2025-07-26 02:00:00	11.796	131.249	0.005	7.766	10.359	13.907
WLNG-DS	2025-07-26 03:00:00	11.607	133.156	0.009	7.768	10.392	10.043
WLNG-DS	2025-07-26 04:00:00		135.161				
WLNG-DS	2025-07-26 05:00:00	11.753	136.859	0.013	7.731	10.349	10.603
WLNG-DS	2025-07-26 06:00:00	11.946	130.898	-0.001	7.758	10.209	10.107
WLNG-DS	2025-07-26 07:00:00	11.731	135.796	0.031	7.709	10.346	11.404
WLNG-DS	2025-07-26 08:00:00	11.618	137.546	0.012	7.731	10.370	12.241
WLNG-DS	2025-07-26 09:00:00	11.722	133.521	0.045	7.586	10.347	40.179
WLNG-DS	2025-07-26 10:00:00	11.961	139.396	0.037	7.673	10.219	5.482
WLNG-DS	2025-07-26 11:00:00	11.926	140.179	0.027	7.748	10.317	16.400
WLNG-DS	2025-07-26 12:00:00	12.068	139.292	0.037	7.766	10.241	5.353
WLNG-DS	2025-07-26 13:00:00	12.162	137.040	0.029	7.789	10.155	5.367
WLNG-DS	2025-07-26 14:00:00	11.971	137.979	0.004	7.743	10.309	10.588
WLNG-DS	2025-07-26 15:00:00	12.348	137.371	0.032	7.739	10.081	8.160
WLNG-DS	2025-07-26 16:00:00	12.317	137.559	0.014	7.752	10.210	15.350
WLNG-DS	2025-07-26 17:00:00	12.563	138.017	0.022	7.771	10.154	12.673
WLNG-DS	2025-07-26 18:00:00	12.262	136.500	0.026	7.738	10.227	18.558
WLNG-DS	2025-07-26 19:00:00	12.230	134.871	0.014	7.761	10.201	15.668
WLNG-DS	2025-07-26 20:00:00	11.787	131.745	0.034	7.767	10.327	12.475
WLNG-DS	2025-07-26 21:00:00	11.636	131.329	0.034	7.768	10.356	9.112
WLNG-DS	2025-07-26 22:00:00	11.655	132.270	0.040	7.757	10.228	6.043
WLNG-DS	2025-07-26 23:00:00	11.630	132.980	0.021	7.763	10.244	13.232
WLNG-DS	2025-07-27 00:00:00	11.602	132.311	0.035	7.759	10.231	8.972
WLNG-DS	2025-07-27 01:00:00	11.427	132.815	0.016	7.780	10.430	6.124
WLNG-DS	2025-07-27 02:00:00	11.375	131.657	0.018	7.781	10.437	9.052
WLNG-DS	2025-07-27 03:00:00	11.351	129.891	0.030	7.755	10.352	14.062
WLNG-DS	2025-07-27 04:00:00	11.221	132.364	0.021	7.773	10.509	13.417
WLNG-DS	2025-07-27 05:00:00	11.181	131.517	0.015	7.779	10.498	9.376

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	2025-07-27 06:00:00	11.174	131.490	0.021	7.761	10.498	13.165
WLNG-DS	2025-07-27 07:00:00	11.189	130.919	0.038	7.766	10.406	15.903
WLNG-DS	2025-07-27 08:00:00	11.158	130.922	0.022	7.749	10.530	14.094
WLNG-DS	2025-07-27 09:00:00	11.355	121.669	0.021	7.737	10.408	18.981
WLNG-DS	2025-07-27 10:00:00		127.353				
WLNG-DS	2025-07-27 11:00:00	11.997	132.892	0.023	7.801	10.345	5.615
WLNG-DS	2025-07-27 12:00:00	12.063	131.796	0.015	7.797	10.332	8.715
WLNG-DS	2025-07-27 13:00:00	12.236	131.659	0.013	7.806	10.291	36.222
WLNG-DS	2025-07-27 14:00:00	12.783	130.774	0.022	7.832	10.097	6.687
WLNG-DS	2025-07-27 15:00:00	12.361	132.017	0.007	7.813	10.240	7.972
WLNG-DS	2025-07-27 16:00:00	12.314	131.833	0.006	7.836	10.274	6.706
WLNG-DS	2025-07-27 17:00:00	12.196	131.843	0.010	7.815	10.284	9.934
WLNG-DS	2025-07-27 18:00:00		132.381				
WLNG-DS	2025-07-27 19:00:00	12.169	133.077	0.038	7.800	10.192	20.440
WLNG-DS	2025-07-27 20:00:00	11.739	132.264	0.029	7.767	10.365	6.915
WLNG-DS	2025-07-27 21:00:00	11.723	131.888	0.012	7.779	10.382	9.862
WLNG-DS	2025-07-27 22:00:00	11.554	130.462	0.015	7.787	10.419	16.125
WLNG-DS	2025-07-27 23:00:00	11.436	130.146	0.034	7.777	10.469	7.313
WLNG-US	2025-07-21 00:00:00	15.779	24.912	0.362	7.335	8.416	1.707
WLNG-US	2025-07-21 01:00:00	15.666	24.283	0.374	7.207	8.473	1.682
WLNG-US	2025-07-21 02:00:00	15.554	24.128	0.371	7.206	8.475	1.953
WLNG-US	2025-07-21 03:00:00	15.444	24.339	0.375	7.204	8.530	1.680
WLNG-US	2025-07-21 04:00:00	15.339	23.975	0.377	7.204	8.542	1.645
WLNG-US	2025-07-21 05:00:00	15.216	23.946	0.374	7.224	8.565	1.647
WLNG-US	2025-07-21 06:00:00	15.128	23.942	0.375	7.218	8.617	1.604
WLNG-US	2025-07-21 07:00:00	15.038	23.695	0.372	7.237	8.679	1.591
WLNG-US	2025-07-21 08:00:00	15.014	23.947	0.373	7.228	8.700	1.608
WLNG-US	2025-07-21 09:00:00	15.100	23.435	0.374	7.248	8.739	1.620
WLNG-US	2025-07-21 10:00:00	15.239	23.359	0.367	7.342	8.767	1.640
WLNG-US	2025-07-21 11:00:00	15.774	23.317	0.368	7.349	8.877	1.689
WLNG-US	2025-07-21 12:00:00	16.461	23.239	0.365	7.385	8.853	1.757
WLNG-US	2025-07-21 13:00:00	16.306	23.422	0.367	7.364	8.777	1.759
WLNG-US	2025-07-21 14:00:00	16.401	23.341	0.385	7.035	8.630	2.191
WLNG-US	2025-07-21 15:00:00	16.572	23.703	0.367	7.325	8.556	1.745
WLNG-US	2025-07-21 16:00:00	16.583	23.625	0.370	7.320	8.527	1.755
WLNG-US	2025-07-21 17:00:00	16.543	24.316	0.365	7.264	8.369	1.758
WLNG-US	2025-07-21 18:00:00	16.485	24.868	0.365	7.279	8.314	1.806
WLNG-US	2025-07-21 19:00:00	16.396	24.472	0.370	7.221	8.328	1.735
WLNG-US	2025-07-21 20:00:00	16.324	24.289	0.371	7.218	8.318	1.754
WLNG-US	2025-07-21 21:00:00	16.274	24.469	0.386	6.922	8.299	3.008
WLNG-US	2025-07-21 22:00:00	16.217	24.442	0.372	7.205	8.297	1.721
WLNG-US	2025-07-21 23:00:00	16.152	24.631	0.373	7.215	8.310	1.725
WLNG-US	2025-07-22 00:00:00	16.080	24.441	0.369	7.262	8.316	1.740
WLNG-US	2025-07-22 01:00:00	16.005	24.408	0.375	7.201	8.368	1.749
WLNG-US	2025-07-22 02:00:00	15.928	24.389	0.376	7.201	8.389	1.756
WLNG-US	2025-07-22 03:00:00	15.846	24.302	0.377	7.202	8.423	1.720
WLNG-US	2025-07-22 04:00:00	15.754	24.273	0.378	7.211	8.423	1.675
WLNG-US	2025-07-22 05:00:00	15.662	24.069	0.377	7.207	8.455	1.720
WLNG-US	2025-07-22 06:00:00	15.571	23.962	0.376	7.209	8.512	1.705

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	2025-07-22 07:00:00	15.506	23.826	0.375	7.227	8.561	1.707
WLNG-US	2025-07-22 08:00:00	15.498	24.859	0.372	7.225	8.617	1.653
WLNG-US	2025-07-22 09:00:00	15.595	24.190	0.350	7.288	8.656	3.719
WLNG-US	2025-07-22 10:00:00	15.768	23.824	0.346	7.300	8.683	1.868
WLNG-US	2025-07-22 11:00:00	16.282	23.590	0.344	7.370	8.766	2.078
WLNG-US	2025-07-22 12:00:00	16.954	23.509	0.336	7.425	8.780	1.803
WLNG-US	2025-07-22 13:00:00	16.777	23.798	0.324	7.357	8.679	1.795
WLNG-US	2025-07-22 14:00:00	16.861	23.548	0.314	7.385	8.580	1.834
WLNG-US	2025-07-22 15:00:00	17.013	23.583	0.315	7.378	8.532	2.150
WLNG-US	2025-07-22 16:00:00	17.070	23.511	0.327	7.398	8.467	1.859
WLNG-US	2025-07-22 17:00:00	16.990	23.870	0.323	7.343	8.369	2.483
WLNG-US	2025-07-22 18:00:00	16.949	23.973	0.335	7.266	8.304	2.128
WLNG-US	2025-07-22 19:00:00	16.857	24.312	0.326	7.285	8.266	1.861
WLNG-US	2025-07-22 20:00:00	16.738	24.601	0.325	7.262	8.248	2.003
WLNG-US	2025-07-22 21:00:00	16.638	24.449	0.328	7.255	8.245	1.781
WLNG-US	2025-07-22 22:00:00	16.537	24.455	0.348	6.936	8.272	1.768
WLNG-US	2025-07-22 23:00:00	16.437	24.400	0.330	7.247	8.290	1.853
WLNG-US	2025-07-23 00:00:00	16.342	24.222	0.327	7.251	8.333	1.751
WLNG-US	2025-07-23 01:00:00	16.249	24.419	0.332	7.230	8.366	1.782
WLNG-US	2025-07-23 02:00:00	16.149	23.948	0.328	7.277	8.369	1.767
WLNG-US	2025-07-23 03:00:00	16.049	24.489	0.332	7.240	8.395	1.843
WLNG-US	2025-07-23 04:00:00	15.952	24.071	0.333	7.238	8.446	1.681
WLNG-US	2025-07-23 05:00:00	15.860	24.153	0.328	7.256	8.455	1.725
WLNG-US	2025-07-23 06:00:00	15.796	24.191	0.326	7.267	8.497	1.818
WLNG-US	2025-07-23 07:00:00	15.747	24.322	0.325	7.300	8.504	1.693
WLNG-US	2025-07-23 08:00:00	15.737	24.005	0.326	7.268	8.582	1.717
WLNG-US	2025-07-23 09:00:00	15.796	23.970	0.327	7.324	8.618	1.731
WLNG-US	2025-07-23 10:00:00	15.966	24.008	0.325	7.323	8.667	1.717
WLNG-US	2025-07-23 11:00:00	16.535	23.971	0.321	7.394	8.796	1.803
WLNG-US	2025-07-23 12:00:00	16.712	23.702	0.325	7.413	8.798	1.841
WLNG-US	2025-07-23 13:00:00	17.025	23.684	0.327	7.388	8.635	1.856
WLNG-US	2025-07-23 14:00:00	17.134	23.628	0.325	7.385	8.525	1.818
WLNG-US	2025-07-23 15:00:00	17.300	24.113	0.328	7.363	8.428	1.873
WLNG-US	2025-07-23 16:00:00	17.410	24.416	0.334	7.341	8.373	1.918
WLNG-US	2025-07-23 17:00:00	17.367	24.146	0.336	7.311	8.243	1.977
WLNG-US	2025-07-23 18:00:00	17.363	24.206	0.337	7.264	8.199	1.864
WLNG-US	2025-07-23 19:00:00	17.278	24.679	0.336	7.264	8.166	1.922
WLNG-US	2025-07-23 20:00:00	17.157	24.665	0.338	7.261	8.171	1.894
WLNG-US	2025-07-23 21:00:00	17.062	24.456	0.339	7.235	8.146	1.831
WLNG-US	2025-07-23 22:00:00	16.970	24.750	0.339	7.238	8.173	1.831
WLNG-US	2025-07-23 23:00:00	16.863	24.811	0.343	7.240	8.200	1.870
WLNG-US	2025-07-24 00:00:00	16.758	24.795	0.352	7.261	8.201	1.804
WLNG-US	2025-07-24 01:00:00	16.637	25.006	0.344	7.206	8.218	1.791
WLNG-US	2025-07-24 02:00:00	16.529	24.389	0.333	7.228	8.292	1.806
WLNG-US	2025-07-24 03:00:00	16.412	24.728	0.333	7.230	8.311	1.895
WLNG-US	2025-07-24 04:00:00	16.301	25.716	0.332	7.267	8.317	1.893
WLNG-US	2025-07-24 05:00:00	16.183	24.391	0.342	7.138	8.366	1.808
WLNG-US	2025-07-24 06:00:00	16.077	24.167	0.332	7.182	8.414	1.935
WLNG-US	2025-07-24 07:00:00		24.127				1.711
WLNG-US	2025-07-24 08:00:00	15.991	23.974	0.332	7.137	8.517	5.166

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	2025-07-24 09:00:00	16.044	23.978	0.330	7.156	8.589	1.778
WLNG-US	2025-07-24 10:00:00	16.245	23.884	0.337	7.065	8.638	2.191
WLNG-US	2025-07-24 11:00:00	16.871	23.791	0.319	7.362	8.715	1.824
WLNG-US	2025-07-24 12:00:00	17.279	23.620	0.321	7.379	8.710	1.855
WLNG-US	2025-07-24 13:00:00	17.344	24.015	0.336	7.127	8.570	1.899
WLNG-US	2025-07-24 14:00:00	17.456	23.779	0.326	7.349	8.479	1.895
WLNG-US	2025-07-24 15:00:00	17.562	24.158	0.332	7.318	8.338	2.068
WLNG-US	2025-07-24 16:00:00	17.650	24.022	0.334	7.303	8.278	1.907
WLNG-US	2025-07-24 17:00:00	17.606	26.481	0.340	7.073	8.189	1.872
WLNG-US	2025-07-24 18:00:00	17.506	24.428	0.333	7.232	8.132	1.867
WLNG-US	2025-07-24 19:00:00	17.394	24.600	0.332	7.247	8.120	1.898
WLNG-US	2025-07-24 20:00:00	17.301	24.751	0.333	7.229	8.110	1.871
WLNG-US	2025-07-24 21:00:00	17.217	24.810	0.333	7.217	8.091	1.898
WLNG-US	2025-07-24 22:00:00	17.121	24.815	0.331	7.209	8.096	1.877
WLNG-US	2025-07-24 23:00:00	17.027	24.821	0.329	7.221	8.132	1.855
WLNG-US	2025-07-25 00:00:00	16.943	24.823	0.327	7.201	8.168	1.852
WLNG-US	2025-07-25 01:00:00	16.860	24.630	0.328	7.215	8.189	1.831
WLNG-US	2025-07-25 02:00:00	16.778	24.647	0.342	6.971	8.185	1.870
WLNG-US	2025-07-25 03:00:00	16.668	24.399	0.322	7.213	8.240	1.813
WLNG-US	2025-07-25 04:00:00	16.561	24.353	0.325	7.190	8.263	1.785
WLNG-US	2025-07-25 05:00:00	16.465	24.578	0.340	6.992	8.290	1.805
WLNG-US	2025-07-25 06:00:00	16.372	24.189	0.324	7.193	8.312	1.724
WLNG-US	2025-07-25 07:00:00	16.289	24.156	0.322	7.231	8.367	1.776
WLNG-US	2025-07-25 08:00:00	16.234	23.848	0.325	7.261	8.435	1.758
WLNG-US	2025-07-25 09:00:00	16.240	23.926	0.323	7.267	8.584	1.753
WLNG-US	2025-07-25 10:00:00	16.301	23.642	0.322	7.302	8.676	1.772
WLNG-US	2025-07-25 11:00:00	16.500	23.501	0.321	7.343	8.745	1.782
WLNG-US	2025-07-25 12:00:00	16.633	23.190	0.320	7.383	8.776	1.800
WLNG-US	2025-07-25 13:00:00		23.564				1.857
WLNG-US	2025-07-25 14:00:00	16.885	23.368	0.324	7.404	8.699	1.879
WLNG-US	2025-07-25 15:00:00	16.890	23.689	0.325	7.396	8.624	1.891
WLNG-US	2025-07-25 16:00:00	16.911	23.911	0.330	7.378	8.553	1.849
WLNG-US	2025-07-25 17:00:00	16.838	24.095	0.328	7.353	8.404	1.877
WLNG-US	2025-07-25 18:00:00	16.756	24.172	0.331	7.314	8.353	1.884
WLNG-US	2025-07-25 19:00:00	16.704	24.474	0.332	7.292	8.295	1.886
WLNG-US	2025-07-25 20:00:00	16.650	24.620	0.335	7.249	8.239	1.919
WLNG-US	2025-07-25 21:00:00	16.536	25.079	0.336	7.231	8.207	1.804
WLNG-US	2025-07-25 22:00:00	16.409	24.736	0.338	7.201	8.235	2.007
WLNG-US	2025-07-25 23:00:00	16.270	24.397	0.337	7.207	8.271	1.765
WLNG-US	2025-07-26 00:00:00	16.100	24.755	0.338	7.180	8.303	1.779
WLNG-US	2025-07-26 01:00:00	15.947	24.361	0.336	7.162	8.353	1.770
WLNG-US	2025-07-26 02:00:00	15.811	23.963	0.330	7.232	8.410	1.727
WLNG-US	2025-07-26 03:00:00	15.669	24.141	0.332	7.222	8.431	1.714
WLNG-US	2025-07-26 04:00:00	15.562	24.369	0.329	7.212	8.458	1.729
WLNG-US	2025-07-26 05:00:00	15.496	23.965	0.333	7.219	8.483	1.727
WLNG-US	2025-07-26 06:00:00	15.460	24.184	0.330	7.234	8.486	1.705
WLNG-US	2025-07-26 07:00:00	15.464	24.228	0.333	7.249	8.541	1.729
WLNG-US	2025-07-26 08:00:00	15.488	24.571	0.329	7.247	8.598	1.746
WLNG-US	2025-07-26 09:00:00	15.558	23.938	0.343	7.048	8.718	1.697

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	2025-07-26 10:00:00	15.667	23.966	0.328	7.293	8.758	1.722
WLNG-US	2025-07-26 11:00:00	15.740	24.368	0.329	7.346	8.757	1.822
WLNG-US	2025-07-26 12:00:00	15.840	23.553	0.324	7.382	8.786	1.798
WLNG-US	2025-07-26 13:00:00	15.881	23.770	0.331	7.345	8.694	1.787
WLNG-US	2025-07-26 14:00:00	16.134	23.834	0.326	7.408	8.810	2.514
WLNG-US	2025-07-26 15:00:00	16.275	23.891	0.323	7.354	8.627	1.813
WLNG-US	2025-07-26 16:00:00	16.293	24.240	0.322	7.298	8.576	1.849
WLNG-US	2025-07-26 17:00:00	16.364	24.118	0.315	7.290	8.476	1.856
WLNG-US	2025-07-26 18:00:00	16.387	23.963	0.336	7.023	8.384	1.759
WLNG-US	2025-07-26 19:00:00	16.355	24.300	0.320	7.241	8.348	1.949
WLNG-US	2025-07-26 20:00:00	16.270	24.217	0.337	6.964	8.328	1.780
WLNG-US	2025-07-26 21:00:00	16.176	24.371	0.325	7.164	8.318	1.781
WLNG-US	2025-07-26 22:00:00	16.043	24.377	0.330	7.208	8.346	1.794
WLNG-US	2025-07-26 23:00:00	15.906	24.379	0.330	7.214	8.384	1.783
WLNG-US	2025-07-27 00:00:00	15.770	24.324	0.332	7.227	8.408	1.782
WLNG-US	2025-07-27 01:00:00	15.644	24.384	0.331	7.240	8.455	1.778
WLNG-US	2025-07-27 02:00:00	15.502	24.337	0.330	7.255	8.493	1.708
WLNG-US	2025-07-27 03:00:00	15.354	24.108	0.341	7.205	8.474	1.687
WLNG-US	2025-07-27 04:00:00	15.203	24.091	0.333	7.196	8.563	1.687
WLNG-US	2025-07-27 05:00:00	15.042	23.628	0.338	7.206	8.621	1.761
WLNG-US	2025-07-27 06:00:00	14.900	23.692	0.335	7.206	8.663	1.613
WLNG-US	2025-07-27 07:00:00	14.782	23.827	0.332	7.198	8.738	1.721
WLNG-US	2025-07-27 08:00:00	14.745	23.484	0.325	7.268	8.784	1.658
WLNG-US	2025-07-27 09:00:00	14.838	23.730	0.325	7.284	8.859	1.767
WLNG-US	2025-07-27 10:00:00	15.017	23.695	0.323	7.267	8.883	1.652
WLNG-US	2025-07-27 11:00:00	15.663	23.116	0.310	7.415	9.016	1.758
WLNG-US	2025-07-27 12:00:00	16.337	23.531	0.303	7.454	8.956	1.898
WLNG-US	2025-07-27 13:00:00	16.117	23.571	0.307	7.424	8.791	2.029
WLNG-US	2025-07-27 14:00:00	16.284	23.634	0.318	7.263	8.708	1.842
WLNG-US	2025-07-27 15:00:00	16.443	23.604	0.315	7.365	8.626	1.890
WLNG-US	2025-07-27 16:00:00	16.517	23.660	0.318	7.364	8.583	1.937
WLNG-US	2025-07-27 17:00:00	16.498	23.995	0.301	7.380	8.500	1.844
WLNG-US	2025-07-27 18:00:00	16.486	23.998	0.328	7.290	8.438	1.854
WLNG-US	2025-07-27 19:00:00		24.136				1.790
WLNG-US	2025-07-27 20:00:00	16.356	24.382	0.321	7.134	8.378	4.755
WLNG-US	2025-07-27 21:00:00		24.170				
WLNG-US	2025-07-27 22:00:00	16.175	24.308	0.310	7.237	8.390	1.818
WLNG-US	2025-07-27 23:00:00	16.061	24.497	0.313	7.233	8.415	1.800


Turbidity (NTU)
60
40
20
0
21-Jul
22-Jul
23-Jul
24-Jul
25-Jul
26-Jul
27-Jul
28-Jul
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. #: 760947-01-01

Attention: Saeesh Mangwani

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

Report Date: 2025/07/31
Report #: R3691511
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C564441
Received: 2025/07/22, 16:30

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	2025/07/24	BBY6SOP-00026	SM 24 2320 B m
Alkalinity @25C (pp, total), CO3,HCO3,OH	2	N/A	2025/07/25	BBY6SOP-00026	SM 24 2320 B m
Chloride/Sulphate by Auto Colourimetry	7	N/A	2025/07/24	BBY6SOP-00011 / BBY6SOP-00017	SM24-4500-Cl/SO4-E m
Chromium III (Calc'd)	7	N/A	2025/07/29		
Total Hexavalent Chromium	7	N/A	2025/07/29	BBY6SOP-00054	SM 24 3500-Cr B m
Carbon (DOC) -Lab Filtered (2)	7	N/A	2025/07/26	BBY6SOP-00053	SM 24 5310 B m
Fluoride	7	N/A	2025/07/25	BBY6SOP-00037	SM 24 4500-F C m
Glycols in Water by GC/FID (1)	1	N/A	2025/07/25	CAL SOP-00093	BCMOE Glycols 09/17
Sulphide (as H2S) (1)	7	N/A	2025/07/28		Auto Calc
Un-ionized Hydrogen Sulphide as S Calc	5	N/A	2025/07/28	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (3)	3	N/A	2025/07/28	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (3)	4	N/A	2025/07/29	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3)	7	N/A	2025/07/29	BBY WI-00033	Auto Calc
Mercury (Dissolved) by CV-Lab Filtered	7	2025/07/28	2025/07/29	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Total) by CV	7	2025/07/25	2025/07/28	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Bromide as Bromine (Br) by ICPMS	7	N/A	2025/07/28	BBY7SOP-00002	EPA 6020B R2 m
EPH in Water when PAH required	1	2025/07/28	2025/07/28	BBY8SOP-00029	BCMOE BCLM Sep2017 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	7	N/A	2025/07/29	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (lab filter) (4)	7	N/A	2025/07/29	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Digested LL (total)	4	2025/07/24	2025/07/29	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total)	3	N/A	2025/07/28	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (total)	4	N/A	2025/07/29	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total)	3	N/A	2025/07/25	BBY7SOP-00002	EPA 6020b R2 m
Nitrogen (Total)	7	N/A	2025/07/29	BBY6SOP-00016	SM 24 4500-N C m
Ammonia-N (Total)	7	N/A	2025/07/24	AB SOP-00007	SM 24 4500 NH3 A G m
Nitrate + Nitrite (N)	7	N/A	2025/07/25	BBY6SOP-00010	SM 24 4500-NO3- H m
Nitrite (N) Regular Level Water	7	N/A	2025/07/25	BBY6SOP-00010	SM 24 4500-NO2- m
Nitrogen - Nitrate (as N)	7	N/A	2025/07/26	BBY WI-00033	Auto Calc
PAH in Water by GC/MS (SIM)	1	2025/07/28	2025/07/28	BBY8SOP-00021	BCMOE BCLM Jul2017m

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 760947-01-01

Attention: Saeesh Mangwani

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

Report Date: 2025/07/31
Report #: R3691511
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C564441
Received: 2025/07/22, 16:30

Sample Matrix: Water
Samples Received: 8

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Total LMW, HMW, Total PAH Calc (5)	1	N/A	2025/07/30	BBY WI-00033	Auto Calc
pH @25°C (6)	5	N/A	2025/07/24	BBY6SOP-00026	SM 24 4500-H+ B m
pH @25°C (6)	2	N/A	2025/07/25	BBY6SOP-00026	SM 24 4500-H+ B m
Phenols (4-AAP) (1)	1	N/A	2025/07/29	AB SOP-00088	EPA 9066 R0 m
Total Sulphide (1)	7	2025/07/28	2025/07/28	AB SOP-00080	SM 24 4500 S2-A D Fm
Total Dissolved Solids (Filt. Residue)	7	2025/07/28	2025/07/29	BBY6SOP-00033	SM 24 2540 C m
EPH less PAH in Water by GC/FID (7)	1	N/A	2025/07/30	BBY WI-00033	Auto Calc
Carbon (Total Organic) (8)	8	N/A	2025/07/25	BBY6SOP-00053	SM 24 5310 B m
Total Phosphorus Low Level Total	7	2025/07/28	2025/07/29	BBY6SOP-00013	SM 24 4500-P E m
Total Suspended Solids (NFR)	1	2025/07/26	2025/07/28	BBY6SOP-00034	SM 24 2540 D m
Total Suspended Solids (NFR)	6	2025/07/28	2025/07/29	BBY6SOP-00034	SM 24 2540 D m
Field pH	5	N/A	2025/07/23	Field Test	Field Test
Field Temperature	5	N/A	2025/07/23	Field Test	Field Test
VOCs, VH, F1, LH in Water by HS GC/MS	1	N/A	2025/07/30	BBY8SOP-00009 / BBY8SOP-00011 / BBY8SOP-00012	BCMOE BCLM Jul2017 m
Volatile HC-BTEX (9)	1	N/A	2025/07/30	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.

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

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 760947-01-01

Attention: Saeesh Mangwani

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Report Date: 2025/07/31
Report #: R3691511
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C564441
Received: 2025/07/22, 16:30

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)

Encryption Key

Please direct all questions regarding this Certificate of Analysis to:
Levi Manchak, Project Manager SR
Email: Levi.MANCHAK@bureauveritas.com
Phone# (780)862-5634
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Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Bureau Veritas Job #: C564441
Report Date: 2025/07/31

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		DPM061			DPM062			DPM062		
Sampling Date		2025/07/22 09:25			2025/07/22 09:25			2025/07/22 09:25		
COC Number		760947-01-01			760947-01-01			760947-01-01		
	UNITS	WLNG-EOP	RDL	QC Batch	WLNG-EOP	RDL	QC Batch	WLNG-EOP Lab-Dup	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L				ND	0.0050	C030461			
Calculated Parameters										
Total Chromium III	mg/L				ND	0.00099	C027304			
Dissolved Hardness (CaCO3)	mg/L				53.9	0.50	C027017			
Total Hardness (CaCO3)	mg/L				52.5	0.50	C027015			
Nitrate (N)	mg/L				ND	0.020	C027031			
Sulphide (as H2S)	mg/L				ND	0.0020	C026773			
Field Parameters										
Field pH	pH				6.65	N/A	ONSITE			
Field Temperature	°C				13.6	N/A	ONSITE			
Misc. Inorganics										
pH	pH				7.75	N/A	C030272			
Total Organic Carbon (C)	mg/L	0.90	0.50	C030176	1.3	0.50	C030176			
Total Dissolved Solids	mg/L				92	10	C032432			
Total Suspended Solids	mg/L				ND	1.0	C032350	ND	1.0	C032350
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L				0.86	0.50	C031197	0.88	0.50	C031197
Anions										
Alkalinity (PP as CaCO3)	mg/L				ND	1.0	C030269			
Alkalinity (Total as CaCO3)	mg/L				47	1.0	C030269			
Bicarbonate (HCO3)	mg/L				57	1.0	C030269			
Carbonate (CO3)	mg/L				ND	1.0	C030269			
Dissolved Fluoride (F)	mg/L				0.22	0.050	C030580			
Hydroxide (OH)	mg/L				ND	1.0	C030269			
Total Sulphide	mg/L				ND	0.0018	C032063			
Chloride (Cl)	mg/L				11	1.0	C028955			
Sulphate (SO4)	mg/L				8.0	1.0	C028955			

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

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Bureau Veritas Job #: C564441
Report Date: 2025/07/31

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		DPM061			DPM062			DPM062		
Sampling Date		2025/07/22 09:25			2025/07/22 09:25			2025/07/22 09:25		
COC Number		760947-01-01			760947-01-01			760947-01-01		
	UNITS	WLNG-EOP	RDL	QC Batch	WLNG-EOP	RDL	QC Batch	WLNG-EOP Lab-Dup	RDL	QC Batch
Metals										
Total Hex. Chromium (Cr 6+)	mg/L				ND	0.00099	C033033			
Nutrients										
Total Ammonia (N)	mg/L				ND	0.015	C029495			
Total Phosphorus (P)	mg/L				0.0020	0.0010	C032219			
Nitrate plus Nitrite (N)	mg/L				ND	0.020	C030459			
Total Nitrogen (N)	mg/L				0.109	0.020	C030369			
Misc. Organics										
Phenols	mg/L	ND	0.0015	C032917						

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

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Bureau Veritas Job #: C564441
Report Date: 2025/07/31

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		DPM063			DPM063			DPM064		
Sampling Date		2025/07/22 08:25			2025/07/22 08:25			2025/07/22 10:15		
COC Number		760947-01-01			760947-01-01			760947-01-01		
	UNITS	WLNG-US	RDL	QC Batch	WLNG-US Lab-Dup	RDL	QC Batch	WLNG-DS	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	ND	0.0050	C030461	ND	0.0050	C030461	ND	0.0050	C030461
Calculated Parameters										
Total Chromium III	mg/L	ND	0.00099	C027307				ND	0.00099	C027307
Dissolved Hardness (CaCO3)	mg/L	8.92	0.50	C027017				52.4	0.50	C027017
Total Hardness (CaCO3)	mg/L	9.16	0.50	C027015				54.3	0.50	C027015
Nitrate (N)	mg/L	0.026	0.020	C027031				ND	0.020	C027031
Sulphide (as H2S)	mg/L	ND	0.0020	C026773				ND	0.0020	C026773
Field Parameters										
Field pH	pH	6.44	N/A	ONSITE				7.42	N/A	ONSITE
Field Temperature	°C	15.2	N/A	ONSITE				128	N/A	ONSITE
Misc. Inorganics										
pH	pH	6.49	N/A	C029194				7.69	N/A	C030272
Total Organic Carbon (C)	mg/L	1.9	0.50	C030176				1.3	0.50	C030176
Total Dissolved Solids	mg/L	16	10	C032432				110	10	C032432
Total Suspended Solids	mg/L	12	1.0	C032350				1.2	1.0	C032350
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	1.7	0.50	C031197				0.83	0.50	C031197
Anions										
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	C029197				ND	1.0	C030269
Alkalinity (Total as CaCO3)	mg/L	7.7	1.0	C029197				46	1.0	C030269
Bicarbonate (HCO3)	mg/L	9.4	1.0	C029197				57	1.0	C030269
Carbonate (CO3)	mg/L	ND	1.0	C029197				ND	1.0	C030269
Dissolved Fluoride (F)	mg/L	ND	0.050	C030580				0.21	0.050	C030580
Hydroxide (OH)	mg/L	ND	1.0	C029197				ND	1.0	C030269
Total Sulphide	mg/L	ND	0.0018	C032063				ND	0.0018	C032063
Chloride (Cl)	mg/L	ND	1.0	C028955				11	1.0	C028955
Sulphate (SO4)	mg/L	2.5	1.0	C028955				7.6	1.0	C028955

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

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Bureau Veritas Job #: C564441
Report Date: 2025/07/31

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		DPM063			DPM063			DPM064		
Sampling Date		2025/07/22 08:25			2025/07/22 08:25			2025/07/22 10:15		
COC Number		760947-01-01			760947-01-01			760947-01-01		
	UNITS	WLNG-US	RDL	QC Batch	WLNG-US Lab-Dup	RDL	QC Batch	WLNG-DS	RDL	QC Batch
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	C033033				ND	0.00099	C033033
Nutrients										
Total Ammonia (N)	mg/L	ND	0.015	C029495				ND	0.015	C029495
Total Phosphorus (P)	mg/L	0.0085	0.0010	C032219				0.0084	0.0010	C032219
Nitrate plus Nitrite (N)	mg/L	0.026	0.020	C030459	0.026	0.020	C030459	ND	0.020	C030459
Total Nitrogen (N)	mg/L	0.076	0.020	C030369				0.119	0.020	C030369

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

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Bureau Veritas Job #: C564441
Report Date: 2025/07/31

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		DPM065	DPM066			DPM067		
Sampling Date		2025/07/22 13:25	2025/07/22 13:45			2025/07/22		
COC Number		760947-01-01	760947-01-01			760947-01-01		
	UNITS	SQRI-US	SQRI-DS	RDL	QC Batch	TRIP BLANK	RDL	QC Batch
ANIONS								
Nitrite (N)	mg/L	ND	ND	0.0050	C030461	ND	0.0050	C030461
Calculated Parameters								
Total Chromium III	mg/L	ND	ND	0.00099	C027307	ND	0.00099	C027307
Dissolved Hardness (CaCO3)	mg/L	10.1	9.12	0.50	C027017	ND	0.50	C027017
Total Hardness (CaCO3)	mg/L	12.0	10.3	0.50	C027015	ND	0.50	C027015
Nitrate (N)	mg/L	ND	ND	0.020	C027031	ND	0.020	C027031
Sulphide (as H2S)	mg/L	0.0024	ND	0.0020	C026773	ND	0.0020	C026773
Field Parameters								
Field pH	pH	6.91	6.22	N/A	ONSITE			
Field Temperature	°C	15	15.1	N/A	ONSITE			
Misc. Inorganics								
pH	pH	6.45	6.47	N/A	C029194	5.81	N/A	C029194
Total Organic Carbon (C)	mg/L	0.62	0.70	0.50	C030176	ND	0.50	C030176
Total Dissolved Solids	mg/L	ND	ND	10	C032432	ND	10	C032432
Total Suspended Solids	mg/L	130	110	1.0	C032350	ND	1.0	C031388
Lab Filtered Inorganics								
Dissolved Organic Carbon (C)	mg/L	ND	ND	0.50	C031197	ND	0.50	C031197
Anions								
Alkalinity (PP as CaCO3)	mg/L	ND	ND	1.0	C029197	ND	1.0	C029197
Alkalinity (Total as CaCO3)	mg/L	8.1	7.5	1.0	C029197	ND	1.0	C029197
Bicarbonate (HCO3)	mg/L	9.9	9.2	1.0	C029197	ND	1.0	C029197
Carbonate (CO3)	mg/L	ND	ND	1.0	C029197	ND	1.0	C029197
Dissolved Fluoride (F)	mg/L	ND	ND	0.050	C030580	ND	0.050	C030580
Hydroxide (OH)	mg/L	ND	ND	1.0	C029197	ND	1.0	C029197
Total Sulphide	mg/L	0.0023	ND (1)	0.0018	C032063	ND	0.0018	C032063
Chloride (Cl)	mg/L	ND	ND	1.0	C028966	ND	1.0	C028966
Sulphate (SO4)	mg/L	2.8	2.4	1.0	C028966	ND	1.0	C028966

RDL = Reportable Detection Limit
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
N/A = Not Applicable
(1) Matrix spike exceeds acceptance limits due to matrix interference. Unable to reanalyze due to insufficient sample.

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Bureau Veritas Job #: C564441
Report Date: 2025/07/31

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		DPM065	DPM066			DPM067		
Sampling Date		2025/07/22 13:25	2025/07/22 13:45			2025/07/22		
COC Number		760947-01-01	760947-01-01			760947-01-01		
	UNITS	SQRI-US	SQRI-DS	RDL	QC Batch	TRIP BLANK	RDL	QC Batch
Metals								
Total Hex. Chromium (Cr 6+)	mg/L	ND	ND	0.00099	C033033	ND	0.00099	C033033
Nutrients								
Total Ammonia (N)	mg/L	0.046	0.035	0.015	C029495	ND	0.015	C029495
Total Phosphorus (P)	mg/L	0.14	0.13	0.0010	C032219	0.0019	0.0010	C032219
Nitrate plus Nitrite (N)	mg/L	ND	ND	0.020	C030459	ND	0.020	C030459
Total Nitrogen (N)	mg/L	0.062	0.039	0.020	C030369	ND	0.020	C030369

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

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Bureau Veritas Job #: C564441
Report Date: 2025/07/31

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		DPM067			DPM068			DPM068		
Sampling Date		2025/07/22			2025/07/22 11:00			2025/07/22 11:00		
COC Number		760947-01-01			760947-01-01			760947-01-01		
	UNITS	TRIP BLANK Lab-Dup	RDL	QC Batch	FIELD BLANK	RDL	QC Batch	FIELD BLANK Lab-Dup	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L				ND	0.0050	C030461			
Calculated Parameters										
Total Chromium III	mg/L				ND	0.00099	C027307			
Dissolved Hardness (CaCO3)	mg/L				ND	0.50	C027017			
Total Hardness (CaCO3)	mg/L				ND	0.50	C027015			
Nitrate (N)	mg/L				ND	0.020	C027031			
Sulphide (as H2S)	mg/L				ND	0.0020	C026773			
Misc. Inorganics										
pH	pH				5.70	N/A	C029194			
Total Organic Carbon (C)	mg/L				ND	0.50	C030176			
Total Dissolved Solids	mg/L				ND	10	C032432			
Total Suspended Solids	mg/L	ND	1.0	C031388	ND	1.0	C032350			
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L				ND	0.50	C031197			
Anions										
Alkalinity (PP as CaCO3)	mg/L				ND	1.0	C029197			
Alkalinity (Total as CaCO3)	mg/L				ND	1.0	C029197			
Bicarbonate (HCO3)	mg/L				ND	1.0	C029197			
Carbonate (CO3)	mg/L				ND	1.0	C029197			
Dissolved Fluoride (F)	mg/L				ND	0.050	C030205			
Hydroxide (OH)	mg/L				ND	1.0	C029197			
Total Sulphide	mg/L	ND	0.0018	C032063	ND	0.0018	C032063			
Chloride (Cl)	mg/L				ND	1.0	C028966			
Sulphate (SO4)	mg/L				ND	1.0	C028966			
Metals										
Total Hex. Chromium (Cr 6+)	mg/L				ND	0.00099	C033033	ND	0.00099	C033033

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

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

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DPM067			DPM068			DPM068		
Sampling Date		2025/07/22			2025/07/22 11:00			2025/07/22 11:00		
COC Number		760947-01-01			760947-01-01			760947-01-01		
	UNITS	TRIP BLANK Lab-Dup	RDL	QC Batch	FIELD BLANK	RDL	QC Batch	FIELD BLANK Lab-Dup	RDL	QC Batch
Nutrients										
Total Ammonia (N)	mg/L				ND	0.015	C029495			
Total Phosphorus (P)	mg/L				ND	0.0010	C032219			
Nitrate plus Nitrite (N)	mg/L				ND	0.020	C030459			
Total Nitrogen (N)	mg/L				ND	0.020	C030369	ND	0.020	C030369

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

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GLYCOLS BY GC-FID (WATER)

Bureau Veritas ID		DPM061		
Sampling Date		2025/07/22 09:25		
COC Number		760947-01-01		
	UNITS	WLNG-EOP	RDL	QC Batch
Glycols				
Ethylene Glycol	mg/L	ND	3.0	C029701
Diethylene Glycol	mg/L	ND	5.0	C029701
Triethylene Glycol	mg/L	ND	5.0	C029701
Propylene Glycol	mg/L	ND	5.0	C029701
Surrogate Recovery (%)				
Methyl Sulfone (sur.)	%	98		C029701

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

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

MERCURY BY COLD VAPOR (WATER)

Bureau Veritas ID		DPM062			DPM062			DPM063		
Sampling Date		2025/07/22 09:25			2025/07/22 09:25			2025/07/22 08:25		
COC Number		760947-01-01			760947-01-01			760947-01-01		
	UNITS	WLNG-EOP	RDL	QC Batch	WLNG-EOP Lab-Dup	RDL	QC Batch	WLNG-US	RDL	QC Batch
Elements										
Total Mercury (Hg)	ug/L	ND	0.0019	C030592	ND	0.0019	C030592	ND	0.0019	C030592
Lab Filtered Elements										
Dissolved Mercury (Hg)	ug/L	0.0023 (1)	0.0019	C032707				0.0019 (1)	0.0019	C032707

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
(1) Sample received was not in compliance with BC CSR sampling requirements for Mercury in water.

Bureau Veritas ID		DPM064	DPM065	DPM066	DPM067	DPM068		
Sampling Date		2025/07/22 10:15	2025/07/22 13:25	2025/07/22 13:45	2025/07/22	2025/07/22 11:00		
COC Number		760947-01-01	760947-01-01	760947-01-01	760947-01-01	760947-01-01		
	UNITS	WLNG-DS	SQRI-US	SQRI-DS	TRIP BLANK	FIELD BLANK	RDL	QC Batch
Elements								
Total Mercury (Hg)	ug/L	ND	ND	ND	ND	ND	0.0019	C030592
Lab Filtered Elements								
Dissolved Mercury (Hg)	ug/L	ND (1)	ND (1)	0.0051 (1)	ND (1)	ND (1)	0.0019	C032707

RDL = Reportable Detection Limit
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
(1) Sample received was not in compliance with BC CSR sampling requirements for Mercury in water.

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ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DPM062			DPM063	DPM064	DPM065	DPM066		
Sampling Date		2025/07/22 09:25			2025/07/22 08:25	2025/07/22 10:15	2025/07/22 13:25	2025/07/22 13:45		
COC Number		760947-01-01			760947-01-01	760947-01-01	760947-01-01	760947-01-01		
	UNITS	WLNG-EOP	RDL	QC Batch	WLNG-US	WLNG-DS	SQRI-US	SQRI-DS	RDL	QC Batch
ANIONS										
Bromide (Br)	mg/L	ND	0.010	C031902	ND	ND	ND	ND	0.010	C031902
Dissolved Metals by ICPMS										
Dissolved Calcium (Ca)	mg/L	19.9	0.050	C027024	3.02	19.4	3.39	3.07	0.050	C027024
Dissolved Magnesium (Mg)	mg/L	0.999	0.050	C027024	0.333	0.969	0.409	0.355	0.050	C027024
Dissolved Potassium (K)	mg/L	1.85	0.050	C027024	0.217	1.90	0.486	0.505	0.050	C027024
Dissolved Sodium (Na)	mg/L	6.60	0.050	C027024	1.97	6.61	1.31	1.18	0.050	C027024
Dissolved Sulphur (S)	mg/L	ND	3.0	C027024	ND	ND	ND	ND	3.0	C027024
Lab Filtered Metals										
Dissolved Aluminum (Al)	ug/L	39.9	0.50	C031144	34.4	59.0	37.9	32.9	0.50	C031144
Dissolved Antimony (Sb)	ug/L	0.797	0.020	C031144	0.028	0.737	ND	ND	0.020	C031144
Dissolved Arsenic (As)	ug/L	1.29	0.020	C031144	0.112	1.26	0.134	0.123	0.020	C031144
Dissolved Barium (Ba)	ug/L	5.95	0.020	C031144	5.56	6.74	4.16	4.87	0.020	C031144
Dissolved Beryllium (Be)	ug/L	ND	0.010	C031144	ND	ND	0.010	ND	0.010	C031144
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	C031144	ND	ND	ND	ND	0.0050	C031144
Dissolved Boron (B)	ug/L	17	10	C031144	ND	17	ND	ND	10	C031144
Dissolved Cadmium (Cd)	ug/L	0.0107	0.0050	C031144	0.0087	0.0128	ND	ND	0.0050	C031144
Dissolved Cesium (Cs)	ug/L	ND	0.050	C031144	ND	ND	ND	ND	0.050	C031144
Dissolved Chromium (Cr)	ug/L	ND	0.10	C031144	ND	ND	ND	ND	0.10	C031144
Dissolved Cobalt (Co)	ug/L	0.0329	0.0050	C031144	0.0136	0.0367	0.0216	0.0294	0.0050	C031144
Dissolved Copper (Cu)	ug/L	0.470	0.050	C031144	0.536	0.069	0.327	0.347	0.050	C031144
Dissolved Iron (Fe)	ug/L	1.0	1.0	C031144	30.9	2.0	22.4	20.7	1.0	C031144
Dissolved Lead (Pb)	ug/L	ND	0.0050	C031144	0.0163	ND	0.0125	0.0099	0.0050	C031144
Dissolved Lithium (Li)	ug/L	4.75	0.50	C031144	ND	4.66	0.93	0.85	0.50	C031144
Dissolved Manganese (Mn)	ug/L	34.9	0.050	C031144	0.434	33.5	5.33	6.49	0.050	C031144
Dissolved Molybdenum (Mo)	ug/L	19.9	0.050	C031144	0.547	19.0	0.456	0.401	0.050	C031144
Dissolved Nickel (Ni)	ug/L	0.172	0.020	C031144	0.261	0.174	0.078	0.092	0.020	C031144
Dissolved Phosphorus (P)	ug/L	ND	2.0	C031144	4.7	3.1	5.8	3.9	2.0	C031144
Dissolved Rubidium (Rb)	ug/L	4.18	0.050	C031144	0.530	4.31	0.789	0.875	0.050	C031144
Dissolved Selenium (Se)	ug/L	ND	0.040	C031144	ND	ND	ND	ND	0.040	C031144
Dissolved Silicon (Si)	ug/L	6500	50	C031144	5060	6510	2900	2540	50	C031144
Dissolved Silver (Ag)	ug/L	ND	0.0050	C031144	ND	ND	ND	ND	0.0050	C031144

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DPM062			DPM063	DPM064	DPM065	DPM066		
Sampling Date		2025/07/22 09:25			2025/07/22 08:25	2025/07/22 10:15	2025/07/22 13:25	2025/07/22 13:45		
COC Number		760947-01-01			760947-01-01	760947-01-01	760947-01-01	760947-01-01		
	UNITS	WLNG-EOP	RDL	QC Batch	WLNG-US	WLNG-DS	SQRI-US	SQRI-DS	RDL	QC Batch
Dissolved Strontium (Sr)	ug/L	43.1	0.050	C031144	16.0	42.2	20.5	18.3	0.050	C031144
Dissolved Tellurium (Te)	ug/L	ND	0.020	C031144	ND	ND	ND	ND	0.020	C031144
Dissolved Thallium (Tl)	ug/L	0.0175	0.0020	C031144	0.0029	0.0156	0.0026	0.0025	0.0020	C031144
Dissolved Thorium (Th)	ug/L	ND	0.0050	C031144	0.0107	ND	ND	ND	0.0050	C031144
Dissolved Tin (Sn)	ug/L	ND	0.20	C031144	ND	ND	ND	ND	0.20	C031144
Dissolved Titanium (Ti)	ug/L	ND	0.50	C031144	ND	ND	0.93	1.06	0.50	C031144
Dissolved Uranium (U)	ug/L	0.300	0.0020	C031144	0.0490	0.342	0.0137	0.0140	0.0020	C031144
Dissolved Vanadium (V)	ug/L	ND	0.20	C031144	ND	ND	0.92	0.75	0.20	C031144
Dissolved Zinc (Zn)	ug/L	2.57	0.10	C031144	0.62	1.08	0.12	0.15	0.10	C031144
Dissolved Zirconium (Zr)	ug/L	ND	0.10	C031144	ND	ND	ND	ND	0.10	C031144
Total Metals by ICPMS										
Total Aluminum (Al)	ug/L	72.8	0.50	C028632	72.7	104	921	699	3.0	C029182
Total Antimony (Sb)	ug/L	0.795	0.020	C028632	0.023	0.750	0.021	ND	0.020	C029182
Total Arsenic (As)	ug/L	1.31	0.020	C028632	0.122	1.36	0.313	0.163	0.020	C029182
Total Barium (Ba)	ug/L	5.90	0.020	C028632	6.10	7.22	19.3	17.5	0.050	C029182
Total Beryllium (Be)	ug/L	ND	0.010	C028632	ND	ND	0.133	ND	0.010	C029182
Total Bismuth (Bi)	ug/L	ND	0.0050	C028632	ND	ND	0.019	ND	0.010	C029182
Total Boron (B)	ug/L	14	10	C028632	ND	14	ND	ND	10	C029182
Total Cadmium (Cd)	ug/L	0.0149	0.0050	C028632	0.0069	0.0128	0.146	0.0057	0.0050	C029182
Total Cesium (Cs)	ug/L	ND	0.050	C028632	ND	ND	0.069	0.057	0.050	C029182
Total Chromium (Cr)	ug/L	ND	0.10	C028632	0.18	ND	0.59	0.31	0.10	C029182
Total Cobalt (Co)	ug/L	0.0418	0.0050	C028632	0.031	0.042	0.459	0.317	0.010	C029182
Total Copper (Cu)	ug/L	0.712	0.050	C028632	0.65	0.10	2.16	2.24	0.10	C029182
Total Iron (Fe)	ug/L	11.9	1.0	C028632	84.9	17.5	721	628	5.0	C029182
Total Lead (Pb)	ug/L	0.0530	0.0050	C028632	0.054	0.034	0.335	0.161	0.020	C029182
Total Lithium (Li)	ug/L	4.24	0.50	C028632	ND	4.57	1.37	1.10	0.50	C029182
Total Manganese (Mn)	ug/L	37.4	0.050	C028632	3.00	39.4	26.7	23.8	0.10	C029182
Total Molybdenum (Mo)	ug/L	18.8	0.050	C028632	0.512	18.3	0.476	0.345	0.050	C029182
Total Nickel (Ni)	ug/L	0.149	0.020	C028632	0.27	0.19	0.60	0.42	0.10	C029182
Total Phosphorus (P)	ug/L	4.2	2.0	C028632	10.1	ND	85.2	50.1	5.0	C029182
Total Rubidium (Rb)	ug/L	3.87	0.050	C028632	0.584	4.46	1.86	1.85	0.050	C029182
Total Selenium (Se)	ug/L	ND	0.040	C028632	ND	ND	0.129	ND	0.040	C029182

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ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DPM062			DPM063	DPM064	DPM065	DPM066		
Sampling Date		2025/07/22 09:25			2025/07/22 08:25	2025/07/22 10:15	2025/07/22 13:25	2025/07/22 13:45		
COC Number		760947-01-01			760947-01-01	760947-01-01	760947-01-01	760947-01-01		
	UNITS	WLNG-EOP	RDL	QC Batch	WLNG-US	WLNG-DS	SQRI-US	SQRI-DS	RDL	QC Batch
Total Silicon (Si)	ug/L	6130	50	C028632	4960	6690	3870	3190	50	C029182
Total Silver (Ag)	ug/L	ND	0.0050	C028632	ND	ND	0.016	ND	0.010	C029182
Total Strontium (Sr)	ug/L	43.4	0.050	C028632	16.5	43.0	26.0	21.3	0.050	C029182
Total Tellurium (Te)	ug/L	ND	0.020	C028632	ND	ND	ND	ND	0.020	C029182
Total Thallium (Tl)	ug/L	0.0169	0.0020	C028632	ND	0.0165	0.0135	0.0103	0.0020	C029182
Total Thorium (Th)	ug/L	ND	0.050	C028632	ND	ND	ND	ND	0.050	C029182
Total Tin (Sn)	ug/L	ND	0.20	C028632	ND	ND	ND	0.27	0.20	C029182
Total Titanium (Ti)	ug/L	ND	0.50	C028632	ND	ND	42.6	41.2	2.0	C029182
Total Uranium (U)	ug/L	0.331	0.0020	C028632	0.0542	0.358	0.131	0.0353	0.0050	C029182
Total Vanadium (V)	ug/L	ND	0.20	C028632	0.22	ND	2.43	2.07	0.20	C029182
Total Zinc (Zn)	ug/L	3.13	0.10	C028632	1.0	1.6	3.4	2.8	1.0	C029182
Total Zirconium (Zr)	ug/L	ND	0.10	C028632	ND	ND	0.23	0.19	0.10	C029182
Total Calcium (Ca)	mg/L	19.5	0.050	C027028	3.10	20.1	3.61	3.08	0.25	C027028
Total Magnesium (Mg)	mg/L	0.902	0.050	C027028	0.34	0.96	0.73	0.63	0.25	C027028
Total Potassium (K)	mg/L	1.84	0.050	C027028	ND	2.10	0.72	0.69	0.25	C027028
Total Sodium (Na)	mg/L	6.03	0.050	C027028	2.04	6.74	1.43	1.19	0.25	C027028
Total Sulphur (S)	mg/L	ND	3.0	C027028	ND	ND	ND	ND	3.0	C027028

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DPM067	DPM068		
Sampling Date		2025/07/22	2025/07/22 11:00		
COC Number		760947-01-01	760947-01-01		
	UNITS	TRIP BLANK	FIELD BLANK	RDL	QC Batch
ANIONS					
Bromide (Br)	mg/L	ND	ND	0.010	C031902
Dissolved Metals by ICPMS					
Dissolved Calcium (Ca)	mg/L	ND	ND	0.050	C027024
Dissolved Magnesium (Mg)	mg/L	ND	ND	0.050	C027024
Dissolved Potassium (K)	mg/L	ND	ND	0.050	C027024
Dissolved Sodium (Na)	mg/L	ND	ND	0.050	C027024
Dissolved Sulphur (S)	mg/L	ND	ND	3.0	C027024
Lab Filtered Metals					
Dissolved Aluminum (Al)	ug/L	ND	0.61	0.50	C031144
Dissolved Antimony (Sb)	ug/L	ND	ND	0.020	C031144
Dissolved Arsenic (As)	ug/L	ND	ND	0.020	C031144
Dissolved Barium (Ba)	ug/L	ND	ND	0.020	C031144
Dissolved Beryllium (Be)	ug/L	ND	ND	0.010	C031144
Dissolved Bismuth (Bi)	ug/L	ND	ND	0.0050	C031144
Dissolved Boron (B)	ug/L	ND	ND	10	C031144
Dissolved Cadmium (Cd)	ug/L	ND	ND	0.0050	C031144
Dissolved Cesium (Cs)	ug/L	ND	ND	0.050	C031144
Dissolved Chromium (Cr)	ug/L	ND	ND	0.10	C031144
Dissolved Cobalt (Co)	ug/L	ND	ND	0.0050	C031144
Dissolved Copper (Cu)	ug/L	ND	ND	0.050	C031144
Dissolved Iron (Fe)	ug/L	ND	ND	1.0	C031144
Dissolved Lead (Pb)	ug/L	ND	ND	0.0050	C031144
Dissolved Lithium (Li)	ug/L	ND	ND	0.50	C031144
Dissolved Manganese (Mn)	ug/L	ND	ND	0.050	C031144
Dissolved Molybdenum (Mo)	ug/L	ND	ND	0.050	C031144
Dissolved Nickel (Ni)	ug/L	ND	ND	0.020	C031144
Dissolved Phosphorus (P)	ug/L	ND	ND	2.0	C031144
Dissolved Rubidium (Rb)	ug/L	ND	ND	0.050	C031144
Dissolved Selenium (Se)	ug/L	ND	ND	0.040	C031144
Dissolved Silicon (Si)	ug/L	ND	ND	50	C031144

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DPM067	DPM068		
Sampling Date		2025/07/22	2025/07/22 11:00		
COC Number		760947-01-01	760947-01-01		
	UNITS	TRIP BLANK	FIELD BLANK	RDL	QC Batch
Dissolved Silver (Ag)	ug/L	ND	ND	0.0050	C031144
Dissolved Strontium (Sr)	ug/L	ND	ND	0.050	C031144
Dissolved Tellurium (Te)	ug/L	ND	ND	0.020	C031144
Dissolved Thallium (Tl)	ug/L	ND	ND	0.0020	C031144
Dissolved Thorium (Th)	ug/L	ND	ND	0.0050	C031144
Dissolved Tin (Sn)	ug/L	ND	ND	0.20	C031144
Dissolved Titanium (Ti)	ug/L	ND	ND	0.50	C031144
Dissolved Uranium (U)	ug/L	ND	ND	0.0020	C031144
Dissolved Vanadium (V)	ug/L	ND	ND	0.20	C031144
Dissolved Zinc (Zn)	ug/L	ND	ND	0.10	C031144
Dissolved Zirconium (Zr)	ug/L	ND	ND	0.10	C031144
Total Metals by ICPMS					
Total Aluminum (Al)	ug/L	ND	ND	0.50	C028632
Total Antimony (Sb)	ug/L	ND	ND	0.020	C028632
Total Arsenic (As)	ug/L	ND	ND	0.020	C028632
Total Barium (Ba)	ug/L	ND	ND	0.020	C028632
Total Beryllium (Be)	ug/L	ND	ND	0.010	C028632
Total Bismuth (Bi)	ug/L	ND	ND	0.0050	C028632
Total Boron (B)	ug/L	ND	ND	10	C028632
Total Cadmium (Cd)	ug/L	ND	ND	0.0050	C028632
Total Cesium (Cs)	ug/L	ND	ND	0.050	C028632
Total Chromium (Cr)	ug/L	ND	ND	0.10	C028632
Total Cobalt (Co)	ug/L	ND	ND	0.0050	C028632
Total Copper (Cu)	ug/L	ND	ND	0.050	C028632
Total Iron (Fe)	ug/L	ND	ND	1.0	C028632
Total Lead (Pb)	ug/L	ND	ND	0.0050	C028632
Total Lithium (Li)	ug/L	ND	ND	0.50	C028632
Total Manganese (Mn)	ug/L	ND	ND	0.050	C028632
Total Molybdenum (Mo)	ug/L	ND	ND	0.050	C028632
Total Nickel (Ni)	ug/L	ND	ND	0.020	C028632
Total Phosphorus (P)	ug/L	ND	ND	2.0	C028632

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ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DPM067	DPM068		
Sampling Date		2025/07/22	2025/07/22 11:00		
COC Number		760947-01-01	760947-01-01		
	UNITS	TRIP BLANK	FIELD BLANK	RDL	QC Batch
Total Rubidium (Rb)	ug/L	ND	ND	0.050	C028632
Total Selenium (Se)	ug/L	ND	ND	0.040	C028632
Total Silicon (Si)	ug/L	ND	ND	50	C028632
Total Silver (Ag)	ug/L	ND	ND	0.0050	C028632
Total Strontium (Sr)	ug/L	ND	ND	0.050	C028632
Total Tellurium (Te)	ug/L	ND	ND	0.020	C028632
Total Thallium (Tl)	ug/L	ND	ND	0.0020	C028632
Total Thorium (Th)	ug/L	ND	ND	0.050	C028632
Total Tin (Sn)	ug/L	ND	ND	0.20	C028632
Total Titanium (Ti)	ug/L	ND	ND	0.50	C028632
Total Uranium (U)	ug/L	ND	ND	0.0020	C028632
Total Vanadium (V)	ug/L	ND	ND	0.20	C028632
Total Zinc (Zn)	ug/L	ND	ND	0.10	C028632
Total Zirconium (Zr)	ug/L	ND	ND	0.10	C028632
Total Calcium (Ca)	mg/L	ND	ND	0.050	C027028
Total Magnesium (Mg)	mg/L	ND	ND	0.050	C027028
Total Potassium (K)	mg/L	ND	ND	0.050	C027028
Total Sodium (Na)	mg/L	ND	ND	0.050	C027028
Total Sulphur (S)	mg/L	ND	ND	3.0	C027028

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

MISCELLANEOUS (WATER)

Bureau Veritas ID		DPM062	DPM063	DPM064	DPM065	DPM066		
Sampling Date		2025/07/22 09:25	2025/07/22 08:25	2025/07/22 10:15	2025/07/22 13:25	2025/07/22 13:45		
COC Number		760947-01-01	760947-01-01	760947-01-01	760947-01-01	760947-01-01		
	UNITS	**WLNG-EOP**	**WLNG-US**	**WLNG-DS**	**SQRI-US**	**SQRI-DS**	**RDL**	**QC Batch**
Calculated Parameters								
Total Un-ionized Hydrogen Sulfide as S	mg/L	ND	ND	NC	ND	ND	0.0018	C027320
Total Un-ionized Hydrogen Sulfide as H2S	mg/L	ND	ND	NC	ND	ND	0.0019	C027320

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

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

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

Bureau Veritas ID		DPM061		
Sampling Date		2025/07/22 09:25		
COC Number		760947-01-01		
	UNITS	WLNG-EOP	RDL	QC Batch
Calculated Parameters				
Low Molecular Weight PAH`s	ug/L	ND	0.10	C026865
High Molecular Weight PAH`s	ug/L	ND	0.050	C026865
Total PAH	ug/L	ND	0.10	C026865
Polycyclic Aromatics				
Quinoline	ug/L	ND	0.020	C032193
Naphthalene	ug/L	ND	0.10	C032193
1-Methylnaphthalene	ug/L	ND	0.050	C032193
2-Methylnaphthalene	ug/L	ND	0.10	C032193
Acenaphthylene	ug/L	ND	0.050	C032193
Acenaphthene	ug/L	ND	0.050	C032193
Fluorene	ug/L	ND	0.050	C032193
Phenanthrene	ug/L	ND	0.050	C032193
Anthracene	ug/L	ND	0.010	C032193
Acridine	ug/L	ND	0.050	C032193
Fluoranthene	ug/L	ND	0.020	C032193
Pyrene	ug/L	ND	0.020	C032193
Benzo(a)anthracene	ug/L	ND	0.010	C032193
Chrysene	ug/L	ND	0.020	C032193
Benzo(b&j)fluoranthene	ug/L	ND	0.030	C032193
Benzo(k)fluoranthene	ug/L	ND	0.050	C032193
Benzo(a)pyrene	ug/L	ND	0.0050	C032193
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.050	C032193
Dibenz(a,h)anthracene	ug/L	ND	0.0030	C032193
Benzo(g,h,i)perylene	ug/L	ND	0.050	C032193
Calculated Parameters				
LEPH (C10-C19 less PAH)	mg/L	ND	0.20	C026869
HEPH (C19-C32 less PAH)	mg/L	ND	0.20	C026869
Ext. Pet. Hydrocarbon				
EPH (C10-C19)	mg/L	ND	0.20	C032201
EPH (C19-C32)	mg/L	ND	0.20	C032201

RDL = Reportable Detection Limit
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LEPH & HEPH WITH CSR/CCME PAH IN WATER (WATER)

Bureau Veritas ID		DPM061		
Sampling Date		2025/07/22 09:25		
COC Number		760947-01-01		
	UNITS	WLNG-EOP	RDL	QC Batch
Surrogate Recovery (%)				
O-TERPHENYL (sur.)	%	108		C032201
D10-ANTHRACENE (sur.)	%	116		C032193
D8-ACENAPHTHYLENE (sur.)	%	114		C032193
D8-NAPHTHALENE (sur.)	%	97		C032193
TERPHENYL-D14 (sur.)	%	94		C032193
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		DPM061		
Sampling Date		2025/07/22 09:25		
COC Number		760947-01-01		
	UNITS	WLNG-EOP	RDL	QC Batch
Calculated Parameters				
VPH (VH6 to 10 - BTEX)	ug/L	ND	300	C027045
Volatiles				
VH C6-C10	ug/L	ND	300	C032567
1,1,1,2-tetrachloroethane	ug/L	ND	0.50	C032567
1,1,1-trichloroethane	ug/L	ND	0.50	C032567
1,1,2,2-tetrachloroethane	ug/L	ND	0.50	C032567
1,1,2Trichloro-1,2,2Trifluoroethane	ug/L	ND	2.0	C032567
1,1,2-trichloroethane	ug/L	ND	0.50	C032567
1,1-dichloroethane	ug/L	ND	0.50	C032567
1,1-dichloroethene	ug/L	ND	0.50	C032567
1,2,3-trichlorobenzene	ug/L	ND	2.0	C032567
1,2,4-trichlorobenzene	ug/L	ND	2.0	C032567
1,2-dibromoethane	ug/L	ND	0.20	C032567
1,2-dichlorobenzene	ug/L	ND	0.50	C032567
1,2-dichloroethane	ug/L	ND	0.50	C032567
1,2-dichloropropane	ug/L	ND	0.50	C032567
1,3,5-trimethylbenzene	ug/L	ND	2.0	C032567
1,3-Butadiene	ug/L	ND	0.50	C032567
1,3-dichlorobenzene	ug/L	ND	0.50	C032567
1,3-dichloropropane	ug/L	ND	1.0	C032567
1,4-dichlorobenzene	ug/L	ND	0.50	C032567
Benzene	ug/L	ND	0.40	C032567
Bromobenzene	ug/L	ND	2.0	C032567
Bromodichloromethane	ug/L	ND	1.0	C032567
Bromoform	ug/L	ND	1.0	C032567
Bromomethane	ug/L	ND	1.0	C032567
Carbon tetrachloride	ug/L	ND	0.50	C032567
Chlorobenzene	ug/L	ND	0.50	C032567
Dibromochloromethane	ug/L	ND	1.0	C032567
Chloroethane	ug/L	ND	1.0	C032567

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

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

CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DPM061		
Sampling Date		2025/07/22 09:25		
COC Number		760947-01-01		
	UNITS	WLNG-EOP	RDL	QC Batch
Chloroform	ug/L	ND	1.0	C032567
Chloromethane	ug/L	ND	1.0	C032567
cis-1,2-dichloroethene	ug/L	ND	1.0	C032567
cis-1,3-dichloropropene	ug/L	ND	1.0	C032567
Dichlorodifluoromethane	ug/L	ND	2.0	C032567
Dichloromethane	ug/L	ND	2.0	C032567
Ethylbenzene	ug/L	ND	0.40	C032567
Hexachlorobutadiene	ug/L	ND	0.50	C032567
Isopropylbenzene	ug/L	ND	2.0	C032567
Methyl-tert-butylether (MTBE)	ug/L	ND	4.0	C032567
Styrene	ug/L	2.3	0.50	C032567
Tetrachloroethene	ug/L	ND	0.50	C032567
Toluene	ug/L	ND	0.40	C032567
trans-1,2-dichloroethene	ug/L	ND	1.0	C032567
trans-1,3-dichloropropene	ug/L	ND	1.0	C032567
Trichloroethene	ug/L	ND	0.50	C032567
Trichlorofluoromethane	ug/L	ND	4.0	C032567
Vinyl chloride	ug/L	ND	0.50	C032567
m & p-Xylene	ug/L	ND	0.40	C032567
o-Xylene	ug/L	ND	0.40	C032567
Xylenes (Total)	ug/L	ND	0.40	C032567
Surrogate Recovery (%)				
1,4-Difluorobenzene (sur.)	%	101		C032567
4-Bromofluorobenzene (sur.)	%	90		C032567
D4-1,2-Dichloroethane (sur.)	%	104		C032567

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

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GENERAL COMMENTS

Results relate only to the items tested.

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QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C028632	AA1	Matrix Spike	Total Aluminum (Al)	2025/07/25		97	%	80 - 120
			Total Antimony (Sb)	2025/07/25		101	%	80 - 120
			Total Arsenic (As)	2025/07/25		102	%	80 - 120
			Total Barium (Ba)	2025/07/25		99	%	80 - 120
			Total Beryllium (Be)	2025/07/25		99	%	80 - 120
			Total Bismuth (Bi)	2025/07/25		93	%	80 - 120
			Total Boron (B)	2025/07/25		96	%	80 - 120
			Total Cadmium (Cd)	2025/07/25		101	%	80 - 120
			Total Cesium (Cs)	2025/07/25		97	%	80 - 120
			Total Chromium (Cr)	2025/07/25		98	%	80 - 120
			Total Cobalt (Co)	2025/07/25		92	%	80 - 120
			Total Copper (Cu)	2025/07/25		94	%	80 - 120
			Total Iron (Fe)	2025/07/25		98	%	80 - 120
			Total Lead (Pb)	2025/07/25		93	%	80 - 120
			Total Lithium (Li)	2025/07/25		96	%	80 - 120
			Total Manganese (Mn)	2025/07/25		97	%	80 - 120
			Total Molybdenum (Mo)	2025/07/25		104	%	80 - 120
			Total Nickel (Ni)	2025/07/25		96	%	80 - 120
			Total Phosphorus (P)	2025/07/25		102	%	80 - 120
			Total Rubidium (Rb)	2025/07/25		99	%	80 - 120
			Total Selenium (Se)	2025/07/25		101	%	80 - 120
			Total Silicon (Si)	2025/07/25		99	%	80 - 120
			Total Silver (Ag)	2025/07/25		99	%	80 - 120
			Total Strontium (Sr)	2025/07/25		NC	%	80 - 120
			Total Tellurium (Te)	2025/07/25		100	%	80 - 120
			Total Thallium (Tl)	2025/07/25		95	%	80 - 120
			Total Thorium (Th)	2025/07/25		99	%	80 - 120
			Total Tin (Sn)	2025/07/25		100	%	80 - 120
			Total Titanium (Ti)	2025/07/25		101	%	80 - 120
			Total Uranium (U)	2025/07/25		99	%	80 - 120
			Total Vanadium (V)	2025/07/25		101	%	80 - 120
			Total Zinc (Zn)	2025/07/25		98	%	80 - 120
			Total Zirconium (Zr)	2025/07/25		104	%	80 - 120
C028632	AA1	Spiked Blank	Total Aluminum (Al)	2025/07/25		99	%	80 - 120
			Total Antimony (Sb)	2025/07/25		102	%	80 - 120
			Total Arsenic (As)	2025/07/25		101	%	80 - 120
			Total Barium (Ba)	2025/07/25		100	%	80 - 120
			Total Beryllium (Be)	2025/07/25		101	%	80 - 120
			Total Bismuth (Bi)	2025/07/25		99	%	80 - 120
			Total Boron (B)	2025/07/25		99	%	80 - 120
			Total Cadmium (Cd)	2025/07/25		101	%	80 - 120
			Total Cesium (Cs)	2025/07/25		102	%	80 - 120
			Total Chromium (Cr)	2025/07/25		101	%	80 - 120
			Total Cobalt (Co)	2025/07/25		95	%	80 - 120
			Total Copper (Cu)	2025/07/25		98	%	80 - 120
			Total Iron (Fe)	2025/07/25		101	%	80 - 120
			Total Lead (Pb)	2025/07/25		100	%	80 - 120
			Total Lithium (Li)	2025/07/25		102	%	80 - 120
			Total Manganese (Mn)	2025/07/25		100	%	80 - 120
			Total Molybdenum (Mo)	2025/07/25		101	%	80 - 120
			Total Nickel (Ni)	2025/07/25		98	%	80 - 120
			Total Phosphorus (P)	2025/07/25		99	%	80 - 120
			Total Rubidium (Rb)	2025/07/25		102	%	80 - 120

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Selenium (Se)	2025/07/25		103	%	80 - 120
			Total Silicon (Si)	2025/07/25		99	%	80 - 120
			Total Silver (Ag)	2025/07/25		100	%	80 - 120
			Total Strontium (Sr)	2025/07/25		101	%	80 - 120
			Total Tellurium (Te)	2025/07/25		103	%	80 - 120
			Total Thallium (Tl)	2025/07/25		98	%	80 - 120
			Total Thorium (Th)	2025/07/25		101	%	80 - 120
			Total Tin (Sn)	2025/07/25		103	%	80 - 120
			Total Titanium (Ti)	2025/07/25		99	%	80 - 120
			Total Uranium (U)	2025/07/25		107	%	80 - 120
			Total Vanadium (V)	2025/07/25		100	%	80 - 120
			Total Zinc (Zn)	2025/07/25		103	%	80 - 120
			Total Zirconium (Zr)	2025/07/25		100	%	80 - 120
C028632	AA1	Method Blank	Total Aluminum (Al)	2025/07/25	ND, RDL=0.50		ug/L	
			Total Antimony (Sb)	2025/07/25	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/07/25	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/07/25	ND, RDL=0.020		ug/L	
			Total Beryllium (Be)	2025/07/25	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/07/25	ND, RDL=0.0050		ug/L	
			Total Boron (B)	2025/07/25	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/07/25	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/07/25	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/07/25	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/07/25	ND, RDL=0.0050		ug/L	
			Total Copper (Cu)	2025/07/25	ND, RDL=0.050		ug/L	
			Total Iron (Fe)	2025/07/25	ND, RDL=1.0		ug/L	
			Total Lead (Pb)	2025/07/25	ND, RDL=0.0050		ug/L	
			Total Lithium (Li)	2025/07/25	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/07/25	ND, RDL=0.050		ug/L	
			Total Molybdenum (Mo)	2025/07/25	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/07/25	ND, RDL=0.020		ug/L	
			Total Phosphorus (P)	2025/07/25	ND, RDL=2.0		ug/L	
			Total Rubidium (Rb)	2025/07/25	ND, RDL=0.050		ug/L	

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Selenium (Se)	2025/07/25	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/07/25	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/07/25	ND, RDL=0.0050		ug/L	
			Total Strontium (Sr)	2025/07/25	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/07/25	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/07/25	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/07/25	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/07/25	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/07/25	ND, RDL=0.50		ug/L	
			Total Uranium (U)	2025/07/25	ND, RDL=0.0020		ug/L	
			Total Vanadium (V)	2025/07/25	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/07/25	ND, RDL=0.10		ug/L	
			Total Zirconium (Zr)	2025/07/25	ND, RDL=0.10		ug/L	
C028632	AA1	RPD	Total Cadmium (Cd)	2025/07/25	NC		%	20
			Total Lead (Pb)	2025/07/25	NC		%	20
			Total Zinc (Zn)	2025/07/25	NC		%	20
C028955	BB3	Matrix Spike	Chloride (Cl)	2025/07/24		103	%	80 - 120
			Sulphate (SO4)	2025/07/24		95	%	80 - 120
C028955	BB3	Spiked Blank	Chloride (Cl)	2025/07/24		97	%	80 - 120
			Sulphate (SO4)	2025/07/24		100	%	80 - 120
C028955	BB3	Method Blank	Chloride (Cl)	2025/07/24	ND, RDL=1.0		mg/L	
			Sulphate (SO4)	2025/07/24	ND, RDL=1.0		mg/L	
C028955	BB3	RPD	Chloride (Cl)	2025/07/24	NC		%	20
			Sulphate (SO4)	2025/07/24	NC		%	20
C028966	BB3	Matrix Spike	Chloride (Cl)	2025/07/24		NC	%	80 - 120
			Sulphate (SO4)	2025/07/24		NC	%	80 - 120
C028966	BB3	Spiked Blank	Chloride (Cl)	2025/07/24		96	%	80 - 120
			Sulphate (SO4)	2025/07/24		101	%	80 - 120
C028966	BB3	Method Blank	Chloride (Cl)	2025/07/24	ND, RDL=1.0		mg/L	
			Sulphate (SO4)	2025/07/24	ND, RDL=1.0		mg/L	
C028966	BB3	RPD	Chloride (Cl)	2025/07/24	0.62		%	20
			Sulphate (SO4)	2025/07/24	0.59		%	20
C029182	AA1	Matrix Spike	Total Aluminum (Al)	2025/07/29		108	%	80 - 120
			Total Antimony (Sb)	2025/07/29		102	%	80 - 120
			Total Arsenic (As)	2025/07/29		108	%	80 - 120
			Total Barium (Ba)	2025/07/29		107	%	80 - 120
			Total Beryllium (Be)	2025/07/29		109	%	80 - 120

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Bismuth (Bi)	2025/07/29		100	%	80 - 120
			Total Boron (B)	2025/07/29		110	%	80 - 120
			Total Cadmium (Cd)	2025/07/29		105	%	80 - 120
			Total Cesium (Cs)	2025/07/29		104	%	80 - 120
			Total Chromium (Cr)	2025/07/29		102	%	80 - 120
			Total Cobalt (Co)	2025/07/29		93	%	80 - 120
			Total Copper (Cu)	2025/07/29		93	%	80 - 120
			Total Iron (Fe)	2025/07/29		107	%	80 - 120
			Total Lead (Pb)	2025/07/29		99	%	80 - 120
			Total Lithium (Li)	2025/07/29		102	%	80 - 120
			Total Manganese (Mn)	2025/07/29		103	%	80 - 120
			Total Molybdenum (Mo)	2025/07/29		104	%	80 - 120
			Total Nickel (Ni)	2025/07/29		99	%	80 - 120
			Total Phosphorus (P)	2025/07/29		112	%	80 - 120
			Total Rubidium (Rb)	2025/07/29		107	%	80 - 120
			Total Selenium (Se)	2025/07/29		101	%	80 - 120
			Total Silicon (Si)	2025/07/29		113	%	80 - 120
			Total Silver (Ag)	2025/07/29		102	%	80 - 120
			Total Strontium (Sr)	2025/07/29		NC	%	80 - 120
			Total Tellurium (Te)	2025/07/29		114	%	80 - 120
			Total Thallium (Tl)	2025/07/29		100	%	80 - 120
			Total Thorium (Th)	2025/07/29		94	%	80 - 120
			Total Tin (Sn)	2025/07/29		104	%	80 - 120
			Total Titanium (Ti)	2025/07/29		106	%	80 - 120
			Total Uranium (U)	2025/07/29		90	%	80 - 120
			Total Vanadium (V)	2025/07/29		106	%	80 - 120
			Total Zinc (Zn)	2025/07/29		101	%	80 - 120
			Total Zirconium (Zr)	2025/07/29		103	%	80 - 120
C029182	AA1	Spiked Blank	Total Aluminum (Al)	2025/07/29		105	%	80 - 120
			Total Antimony (Sb)	2025/07/29		102	%	80 - 120
			Total Arsenic (As)	2025/07/29		106	%	80 - 120
			Total Barium (Ba)	2025/07/29		103	%	80 - 120
			Total Beryllium (Be)	2025/07/29		105	%	80 - 120
			Total Bismuth (Bi)	2025/07/29		100	%	80 - 120
			Total Boron (B)	2025/07/29		106	%	80 - 120
			Total Cadmium (Cd)	2025/07/29		103	%	80 - 120
			Total Cesium (Cs)	2025/07/29		102	%	80 - 120
			Total Chromium (Cr)	2025/07/29		103	%	80 - 120
			Total Cobalt (Co)	2025/07/29		93	%	80 - 120
			Total Copper (Cu)	2025/07/29		94	%	80 - 120
			Total Iron (Fe)	2025/07/29		104	%	80 - 120
			Total Lead (Pb)	2025/07/29		98	%	80 - 120
			Total Lithium (Li)	2025/07/29		99	%	80 - 120
			Total Manganese (Mn)	2025/07/29		101	%	80 - 120
			Total Molybdenum (Mo)	2025/07/29		102	%	80 - 120
			Total Nickel (Ni)	2025/07/29		99	%	80 - 120
			Total Phosphorus (P)	2025/07/29		106	%	80 - 120
			Total Rubidium (Rb)	2025/07/29		104	%	80 - 120
			Total Selenium (Se)	2025/07/29		102	%	80 - 120
			Total Silicon (Si)	2025/07/29		106	%	80 - 120
			Total Silver (Ag)	2025/07/29		102	%	80 - 120
			Total Strontium (Sr)	2025/07/29		103	%	80 - 120
			Total Tellurium (Te)	2025/07/29		107	%	80 - 120

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Thallium (Tl)	2025/07/29		100	%	80 - 120
			Total Thorium (Th)	2025/07/29		92	%	80 - 120
			Total Tin (Sn)	2025/07/29		101	%	80 - 120
			Total Titanium (Ti)	2025/07/29		103	%	80 - 120
			Total Uranium (U)	2025/07/29		92	%	80 - 120
			Total Vanadium (V)	2025/07/29		102	%	80 - 120
			Total Zinc (Zn)	2025/07/29		102	%	80 - 120
			Total Zirconium (Zr)	2025/07/29		104	%	80 - 120
C029182	AA1	Method Blank	Total Aluminum (Al)	2025/07/29	ND, RDL=3.0		ug/L	
			Total Antimony (Sb)	2025/07/29	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/07/29	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/07/29	ND, RDL=0.050		ug/L	
			Total Beryllium (Be)	2025/07/29	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/07/29	ND, RDL=0.010		ug/L	
			Total Boron (B)	2025/07/29	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/07/29	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/07/29	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/07/29	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/07/29	ND, RDL=0.010		ug/L	
			Total Copper (Cu)	2025/07/29	ND, RDL=0.10		ug/L	
			Total Iron (Fe)	2025/07/29	ND, RDL=5.0		ug/L	
			Total Lead (Pb)	2025/07/29	ND, RDL=0.020		ug/L	
			Total Lithium (Li)	2025/07/29	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/07/29	ND, RDL=0.10		ug/L	
			Total Molybdenum (Mo)	2025/07/29	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/07/29	ND, RDL=0.10		ug/L	
			Total Phosphorus (P)	2025/07/29	ND, RDL=5.0		ug/L	
			Total Rubidium (Rb)	2025/07/29	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/07/29	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/07/29	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/07/29	ND, RDL=0.010		ug/L	

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Strontium (Sr)	2025/07/29	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/07/29	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/07/29	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/07/29	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/07/29	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/07/29	ND, RDL=2.0		ug/L	
			Total Uranium (U)	2025/07/29	ND, RDL=0.0050		ug/L	
			Total Vanadium (V)	2025/07/29	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/07/29	ND, RDL=1.0		ug/L	
			Total Zirconium (Zr)	2025/07/29	ND, RDL=0.10		ug/L	
C029182	AA1	RPD	Total Aluminum (Al)	2025/07/29	0.92		%	20
			Total Antimony (Sb)	2025/07/29	NC		%	20
			Total Arsenic (As)	2025/07/29	NC		%	20
			Total Barium (Ba)	2025/07/29	3.6		%	20
			Total Beryllium (Be)	2025/07/29	NC		%	20
			Total Bismuth (Bi)	2025/07/29	NC		%	20
			Total Boron (B)	2025/07/29	NC		%	20
			Total Cadmium (Cd)	2025/07/29	NC		%	20
			Total Chromium (Cr)	2025/07/29	2.1		%	20
			Total Cobalt (Co)	2025/07/29	NC		%	20
			Total Copper (Cu)	2025/07/29	5.2		%	20
			Total Iron (Fe)	2025/07/29	2.1		%	20
			Total Lead (Pb)	2025/07/29	NC		%	20
			Total Lithium (Li)	2025/07/29	NC		%	20
			Total Manganese (Mn)	2025/07/29	7.7		%	20
			Total Molybdenum (Mo)	2025/07/29	NC		%	20
			Total Nickel (Ni)	2025/07/29	NC		%	20
			Total Phosphorus (P)	2025/07/29	NC		%	20
			Total Selenium (Se)	2025/07/29	NC		%	20
			Total Silicon (Si)	2025/07/29	NC		%	20
			Total Silver (Ag)	2025/07/29	NC		%	20
			Total Strontium (Sr)	2025/07/29	NC		%	20
			Total Thallium (Tl)	2025/07/29	NC		%	20
			Total Tin (Sn)	2025/07/29	NC		%	20
			Total Titanium (Ti)	2025/07/29	NC		%	20
			Total Uranium (U)	2025/07/29	NC		%	20
			Total Vanadium (V)	2025/07/29	NC		%	20
			Total Zinc (Zn)	2025/07/29	1.2		%	20
			Total Zirconium (Zr)	2025/07/29	NC		%	20
C029194	CJY	Spiked Blank	pH	2025/07/24		100	%	97 - 103
C029194	CJY	RPD	pH	2025/07/24	1.5		%	N/A
C029197	CJY	Spiked Blank	Alkalinity (Total as CaCO3)	2025/07/24		98	%	80 - 120

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C029197	CJY	Method Blank	Alkalinity (PP as CaCO3)	2025/07/24	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/07/24	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/07/24	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/07/24	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/07/24	ND, RDL=1.0		mg/L	
C029197	CJY	RPD	Alkalinity (PP as CaCO3)	2025/07/24	NC		%	20
			Alkalinity (Total as CaCO3)	2025/07/24	2.5		%	20
			Bicarbonate (HCO3)	2025/07/24	2.5		%	20
			Carbonate (CO3)	2025/07/24	NC		%	20
			Hydroxide (OH)	2025/07/24	NC		%	20
C029495	CBK	Matrix Spike	Total Ammonia (N)	2025/07/24		110	%	80 - 120
C029495	CBK	Spiked Blank	Total Ammonia (N)	2025/07/24		109	%	80 - 120
C029495	CBK	Method Blank	Total Ammonia (N)	2025/07/24	ND, RDL=0.015		mg/L	
C029495	CBK	RPD	Total Ammonia (N)	2025/07/24	NC		%	20
C029701	AAX	Matrix Spike	Methyl Sulfone (sur.)	2025/07/25		97	%	50 - 140
			Ethylene Glycol	2025/07/25		87	%	60 - 140
			Diethylene Glycol	2025/07/25		101	%	60 - 140
			Triethylene Glycol	2025/07/25		90	%	60 - 140
			Propylene Glycol	2025/07/25		90	%	60 - 140
C029701	AAX	Spiked Blank	Methyl Sulfone (sur.)	2025/07/25		107	%	50 - 140
			Ethylene Glycol	2025/07/25		106	%	70 - 130
			Diethylene Glycol	2025/07/25		119	%	70 - 130
			Triethylene Glycol	2025/07/25		106	%	70 - 130
			Propylene Glycol	2025/07/25		109	%	70 - 130
C029701	AAX	Method Blank	Methyl Sulfone (sur.)	2025/07/25		109	%	50 - 140
			Ethylene Glycol	2025/07/25	ND, RDL=3.0		mg/L	
			Diethylene Glycol	2025/07/25	ND, RDL=5.0		mg/L	
			Triethylene Glycol	2025/07/25	ND, RDL=5.0		mg/L	
			Propylene Glycol	2025/07/25	ND, RDL=5.0		mg/L	
C029701	AAX	RPD	Ethylene Glycol	2025/07/25	NC		%	30
			Diethylene Glycol	2025/07/25	NC		%	30
			Triethylene Glycol	2025/07/25	NC		%	30
			Propylene Glycol	2025/07/25	NC		%	30
C030176	BTM	Matrix Spike	Total Organic Carbon (C)	2025/07/25		97	%	80 - 120
C030176	BTM	Spiked Blank	Total Organic Carbon (C)	2025/07/25		98	%	80 - 120
C030176	BTM	Method Blank	Total Organic Carbon (C)	2025/07/25	ND, RDL=0.50		mg/L	
C030176	BTM	RPD	Total Organic Carbon (C)	2025/07/25	4.1		%	20
C030205	CJY	Matrix Spike	Dissolved Fluoride (F)	2025/07/25		108	%	80 - 120
C030205	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/07/25		105	%	80 - 120
C030205	CJY	Method Blank	Dissolved Fluoride (F)	2025/07/25	ND, RDL=0.050		mg/L	
C030205	CJY	RPD	Dissolved Fluoride (F)	2025/07/25	NC		%	20

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C030269	BTM	Spiked Blank	Alkalinity (Total as CaCO3)	2025/07/25		97	%	80 - 120
C030269	BTM	Method Blank	Alkalinity (PP as CaCO3)	2025/07/25	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/07/25	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/07/25	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/07/25	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/07/25	ND, RDL=1.0		mg/L	
C030269	BTM	RPD	Alkalinity (PP as CaCO3)	2025/07/25	NC		%	20
			Alkalinity (Total as CaCO3)	2025/07/25	0.50		%	20
			Bicarbonate (HCO3)	2025/07/25	0.50		%	20
			Carbonate (CO3)	2025/07/25	NC		%	20
			Hydroxide (OH)	2025/07/25	NC		%	20
C030272	BTM	Spiked Blank	pH	2025/07/25		100	%	97 - 103
C030272	BTM	RPD	pH	2025/07/25	0.46		%	N/A
C030369	GCM	Matrix Spike [DPM068-09]	Total Nitrogen (N)	2025/07/29		108	%	80 - 120
C030369	GCM	Spiked Blank	Total Nitrogen (N)	2025/07/29		104	%	80 - 120
C030369	GCM	Method Blank	Total Nitrogen (N)	2025/07/29	ND, RDL=0.020		mg/L	
C030369	GCM	RPD [DPM068-09]	Total Nitrogen (N)	2025/07/29	NC		%	20
C030459	C2L	Matrix Spike [DPM063-02]	Nitrate plus Nitrite (N)	2025/07/25		114	%	80 - 120
C030459	C2L	Spiked Blank	Nitrate plus Nitrite (N)	2025/07/25		109	%	80 - 120
C030459	C2L	Method Blank	Nitrate plus Nitrite (N)	2025/07/25	ND, RDL=0.020		mg/L	
C030459	C2L	RPD [DPM063-02]	Nitrate plus Nitrite (N)	2025/07/25	1.4		%	25
C030461	C2L	Matrix Spike [DPM063-02]	Nitrite (N)	2025/07/25		107	%	80 - 120
C030461	C2L	Spiked Blank	Nitrite (N)	2025/07/25		105	%	80 - 120
C030461	C2L	Method Blank	Nitrite (N)	2025/07/25	ND, RDL=0.0050		mg/L	
C030461	C2L	RPD [DPM063-02]	Nitrite (N)	2025/07/25	NC		%	20
C030580	CJY	Matrix Spike	Dissolved Fluoride (F)	2025/07/25		111	%	80 - 120
C030580	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/07/25		106	%	80 - 120
C030580	CJY	Method Blank	Dissolved Fluoride (F)	2025/07/25	ND, RDL=0.050		mg/L	
C030580	CJY	RPD	Dissolved Fluoride (F)	2025/07/25	4.4		%	20
C030592	IC4	Matrix Spike [DPM062-06]	Total Mercury (Hg)	2025/07/28		107	%	80 - 120
C030592	IC4	Spiked Blank	Total Mercury (Hg)	2025/07/28		109	%	80 - 120
C030592	IC4	Method Blank	Total Mercury (Hg)	2025/07/28	ND, RDL=0.0019		ug/L	
C030592	IC4	RPD [DPM062-06]	Total Mercury (Hg)	2025/07/28	NC		%	20
C031144	AA1	Matrix Spike	Dissolved Aluminum (Al)	2025/07/29		109	%	80 - 120
			Dissolved Antimony (Sb)	2025/07/29		99	%	80 - 120
			Dissolved Arsenic (As)	2025/07/29		103	%	80 - 120
			Dissolved Barium (Ba)	2025/07/29		103	%	80 - 120
			Dissolved Beryllium (Be)	2025/07/29		110	%	80 - 120
			Dissolved Bismuth (Bi)	2025/07/29		38 (1)	%	80 - 120

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			Dissolved Boron (B)	2025/07/29		113	%	80 - 120
			Dissolved Cadmium (Cd)	2025/07/29		103	%	80 - 120
			Dissolved Cesium (Cs)	2025/07/29		103	%	80 - 120
			Dissolved Chromium (Cr)	2025/07/29		100	%	80 - 120
			Dissolved Cobalt (Co)	2025/07/29		91	%	80 - 120
			Dissolved Copper (Cu)	2025/07/29		93	%	80 - 120
			Dissolved Iron (Fe)	2025/07/29		103	%	80 - 120
			Dissolved Lead (Pb)	2025/07/29		99	%	80 - 120
			Dissolved Lithium (Li)	2025/07/29		106	%	80 - 120
			Dissolved Manganese (Mn)	2025/07/29		98	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/07/29		87	%	80 - 120
			Dissolved Nickel (Ni)	2025/07/29		96	%	80 - 120
			Dissolved Phosphorus (P)	2025/07/29		103	%	80 - 120
			Dissolved Rubidium (Rb)	2025/07/29		104	%	80 - 120
			Dissolved Selenium (Se)	2025/07/29		100	%	80 - 120
			Dissolved Silicon (Si)	2025/07/29		110	%	80 - 120
			Dissolved Silver (Ag)	2025/07/29		100	%	80 - 120
			Dissolved Strontium (Sr)	2025/07/29		101	%	80 - 120
			Dissolved Tellurium (Te)	2025/07/29		109	%	80 - 120
			Dissolved Thallium (Tl)	2025/07/29		102	%	80 - 120
			Dissolved Thorium (Th)	2025/07/29		106	%	80 - 120
			Dissolved Tin (Sn)	2025/07/29		99	%	80 - 120
			Dissolved Titanium (Ti)	2025/07/29		101	%	80 - 120
			Dissolved Uranium (U)	2025/07/29		107	%	80 - 120
			Dissolved Vanadium (V)	2025/07/29		100	%	80 - 120
			Dissolved Zinc (Zn)	2025/07/29		104	%	80 - 120
			Dissolved Zirconium (Zr)	2025/07/29		102	%	80 - 120
C031144	AA1	Spiked Blank	Dissolved Aluminum (Al)	2025/07/29		106	%	80 - 120
			Dissolved Antimony (Sb)	2025/07/29		101	%	80 - 120
			Dissolved Arsenic (As)	2025/07/29		102	%	80 - 120
			Dissolved Barium (Ba)	2025/07/29		103	%	80 - 120
			Dissolved Beryllium (Be)	2025/07/29		104	%	80 - 120
			Dissolved Bismuth (Bi)	2025/07/29		102	%	80 - 120
			Dissolved Boron (B)	2025/07/29		114	%	80 - 120
			Dissolved Cadmium (Cd)	2025/07/29		102	%	80 - 120
			Dissolved Cesium (Cs)	2025/07/29		105	%	80 - 120
			Dissolved Chromium (Cr)	2025/07/29		99	%	80 - 120
			Dissolved Cobalt (Co)	2025/07/29		90	%	80 - 120
			Dissolved Copper (Cu)	2025/07/29		95	%	80 - 120
			Dissolved Iron (Fe)	2025/07/29		103	%	80 - 120
			Dissolved Lead (Pb)	2025/07/29		99	%	80 - 120
			Dissolved Lithium (Li)	2025/07/29		105	%	80 - 120
			Dissolved Manganese (Mn)	2025/07/29		98	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/07/29		104	%	80 - 120
			Dissolved Nickel (Ni)	2025/07/29		97	%	80 - 120
			Dissolved Phosphorus (P)	2025/07/29		99	%	80 - 120
			Dissolved Rubidium (Rb)	2025/07/29		103	%	80 - 120
			Dissolved Selenium (Se)	2025/07/29		99	%	80 - 120
			Dissolved Silicon (Si)	2025/07/29		107	%	80 - 120
			Dissolved Silver (Ag)	2025/07/29		101	%	80 - 120
			Dissolved Strontium (Sr)	2025/07/29		102	%	80 - 120
			Dissolved Tellurium (Te)	2025/07/29		107	%	80 - 120
			Dissolved Thallium (Tl)	2025/07/29		101	%	80 - 120

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			Dissolved Thorium (Th)	2025/07/29		103	%	80 - 120
			Dissolved Tin (Sn)	2025/07/29		103	%	80 - 120
			Dissolved Titanium (Ti)	2025/07/29		101	%	80 - 120
			Dissolved Uranium (U)	2025/07/29		105	%	80 - 120
			Dissolved Vanadium (V)	2025/07/29		100	%	80 - 120
			Dissolved Zinc (Zn)	2025/07/29		103	%	80 - 120
			Dissolved Zirconium (Zr)	2025/07/29		102	%	80 - 120
C031144	AA1	Method Blank	Dissolved Aluminum (Al)	2025/07/29	ND, RDL=0.50		ug/L	
			Dissolved Antimony (Sb)	2025/07/29	ND, RDL=0.020		ug/L	
			Dissolved Arsenic (As)	2025/07/29	ND, RDL=0.020		ug/L	
			Dissolved Barium (Ba)	2025/07/29	ND, RDL=0.020		ug/L	
			Dissolved Beryllium (Be)	2025/07/29	ND, RDL=0.010		ug/L	
			Dissolved Bismuth (Bi)	2025/07/29	ND, RDL=0.0050		ug/L	
			Dissolved Boron (B)	2025/07/29	ND, RDL=10		ug/L	
			Dissolved Cadmium (Cd)	2025/07/29	ND, RDL=0.0050		ug/L	
			Dissolved Cesium (Cs)	2025/07/29	ND, RDL=0.050		ug/L	
			Dissolved Chromium (Cr)	2025/07/29	ND, RDL=0.10		ug/L	
			Dissolved Cobalt (Co)	2025/07/29	ND, RDL=0.0050		ug/L	
			Dissolved Copper (Cu)	2025/07/29	ND, RDL=0.050		ug/L	
			Dissolved Iron (Fe)	2025/07/29	ND, RDL=1.0		ug/L	
			Dissolved Lead (Pb)	2025/07/29	ND, RDL=0.0050		ug/L	
			Dissolved Lithium (Li)	2025/07/29	ND, RDL=0.50		ug/L	
			Dissolved Manganese (Mn)	2025/07/29	ND, RDL=0.050		ug/L	
			Dissolved Molybdenum (Mo)	2025/07/29	ND, RDL=0.050		ug/L	
			Dissolved Nickel (Ni)	2025/07/29	ND, RDL=0.020		ug/L	
			Dissolved Phosphorus (P)	2025/07/29	ND, RDL=2.0		ug/L	
			Dissolved Rubidium (Rb)	2025/07/29	ND, RDL=0.050		ug/L	
			Dissolved Selenium (Se)	2025/07/29	ND, RDL=0.040		ug/L	
			Dissolved Silicon (Si)	2025/07/29	ND, RDL=50		ug/L	
			Dissolved Silver (Ag)	2025/07/29	ND, RDL=0.0050		ug/L	

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			Dissolved Strontium (Sr)	2025/07/29	ND, RDL=0.050		ug/L	
			Dissolved Tellurium (Te)	2025/07/29	ND, RDL=0.020		ug/L	
			Dissolved Thallium (Tl)	2025/07/29	ND, RDL=0.0020		ug/L	
			Dissolved Thorium (Th)	2025/07/29	ND, RDL=0.0050		ug/L	
			Dissolved Tin (Sn)	2025/07/29	ND, RDL=0.20		ug/L	
			Dissolved Titanium (Ti)	2025/07/29	ND, RDL=0.50		ug/L	
			Dissolved Uranium (U)	2025/07/29	ND, RDL=0.0020		ug/L	
			Dissolved Vanadium (V)	2025/07/29	ND, RDL=0.20		ug/L	
			Dissolved Zinc (Zn)	2025/07/29	ND, RDL=0.10		ug/L	
			Dissolved Zirconium (Zr)	2025/07/29	ND, RDL=0.10		ug/L	
C031144	AA1	RPD	Dissolved Aluminum (Al)	2025/07/29	1.4		%	20
			Dissolved Antimony (Sb)	2025/07/29	6.3		%	20
			Dissolved Arsenic (As)	2025/07/29	9.1		%	20
			Dissolved Barium (Ba)	2025/07/29	1.6		%	20
			Dissolved Beryllium (Be)	2025/07/29	11		%	20
			Dissolved Bismuth (Bi)	2025/07/29	NC		%	20
			Dissolved Boron (B)	2025/07/29	NC		%	20
			Dissolved Cadmium (Cd)	2025/07/29	0.91		%	20
			Dissolved Chromium (Cr)	2025/07/29	NC		%	20
			Dissolved Cobalt (Co)	2025/07/29	3.9		%	20
			Dissolved Copper (Cu)	2025/07/29	0.24		%	20
			Dissolved Iron (Fe)	2025/07/29	2.5		%	20
			Dissolved Lead (Pb)	2025/07/29	0.22		%	20
			Dissolved Lithium (Li)	2025/07/29	5.5		%	20
			Dissolved Manganese (Mn)	2025/07/29	0.17		%	20
			Dissolved Molybdenum (Mo)	2025/07/29	NC		%	20
			Dissolved Nickel (Ni)	2025/07/29	0.26		%	20
			Dissolved Selenium (Se)	2025/07/29	NC		%	20
			Dissolved Silicon (Si)	2025/07/29	0.76		%	20
			Dissolved Silver (Ag)	2025/07/29	NC		%	20
			Dissolved Strontium (Sr)	2025/07/29	1.4		%	20
			Dissolved Thallium (Tl)	2025/07/29	6.1		%	20
			Dissolved Tin (Sn)	2025/07/29	NC		%	20
			Dissolved Titanium (Ti)	2025/07/29	NC		%	20
			Dissolved Uranium (U)	2025/07/29	0.039		%	20
			Dissolved Vanadium (V)	2025/07/29	NC		%	20
			Dissolved Zinc (Zn)	2025/07/29	0.050		%	20
			Dissolved Zirconium (Zr)	2025/07/29	NC		%	20
			Dissolved Aluminum (Al)	2025/07/29	NC		%	20
			Dissolved Antimony (Sb)	2025/07/29	NC		%	20
			Dissolved Arsenic (As)	2025/07/29	NC		%	20
			Dissolved Barium (Ba)	2025/07/29	NC		%	20
			Dissolved Beryllium (Be)	2025/07/29	NC		%	20

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			Dissolved Bismuth (Bi)	2025/07/29	NC		%	20
			Dissolved Boron (B)	2025/07/29	NC		%	20
			Dissolved Cadmium (Cd)	2025/07/29	NC		%	20
			Dissolved Chromium (Cr)	2025/07/29	NC		%	20
			Dissolved Cobalt (Co)	2025/07/29	NC		%	20
			Dissolved Copper (Cu)	2025/07/29	NC		%	20
			Dissolved Iron (Fe)	2025/07/29	NC		%	20
			Dissolved Lead (Pb)	2025/07/29	NC		%	20
			Dissolved Lithium (Li)	2025/07/29	NC		%	20
			Dissolved Manganese (Mn)	2025/07/29	NC		%	20
			Dissolved Molybdenum (Mo)	2025/07/29	1.7		%	20
			Dissolved Nickel (Ni)	2025/07/29	NC		%	20
			Dissolved Selenium (Se)	2025/07/29	NC		%	20
			Dissolved Silicon (Si)	2025/07/29	NC		%	20
			Dissolved Silver (Ag)	2025/07/29	NC		%	20
			Dissolved Strontium (Sr)	2025/07/29	NC		%	20
			Dissolved Thallium (Tl)	2025/07/29	NC		%	20
			Dissolved Tin (Sn)	2025/07/29	NC		%	20
			Dissolved Titanium (Ti)	2025/07/29	NC		%	20
			Dissolved Uranium (U)	2025/07/29	NC		%	20
			Dissolved Vanadium (V)	2025/07/29	NC		%	20
			Dissolved Zinc (Zn)	2025/07/29	NC		%	20
			Dissolved Zirconium (Zr)	2025/07/29	NC		%	20
			Dissolved Aluminum (Al)	2025/07/29	NC		%	20
			Dissolved Antimony (Sb)	2025/07/29	NC		%	20
			Dissolved Arsenic (As)	2025/07/29	NC		%	20
			Dissolved Barium (Ba)	2025/07/29	NC		%	20
			Dissolved Beryllium (Be)	2025/07/29	NC		%	20
			Dissolved Bismuth (Bi)	2025/07/29	NC		%	20
			Dissolved Boron (B)	2025/07/29	NC		%	20
			Dissolved Cadmium (Cd)	2025/07/29	NC		%	20
			Dissolved Chromium (Cr)	2025/07/29	NC		%	20
			Dissolved Cobalt (Co)	2025/07/29	NC		%	20
			Dissolved Copper (Cu)	2025/07/29	NC		%	20
			Dissolved Iron (Fe)	2025/07/29	NC		%	20
			Dissolved Lead (Pb)	2025/07/29	NC		%	20
			Dissolved Lithium (Li)	2025/07/29	NC		%	20
			Dissolved Manganese (Mn)	2025/07/29	NC		%	20
			Dissolved Molybdenum (Mo)	2025/07/29	NC		%	20
			Dissolved Nickel (Ni)	2025/07/29	NC		%	20
			Dissolved Selenium (Se)	2025/07/29	NC		%	20
			Dissolved Silicon (Si)	2025/07/29	NC		%	20
			Dissolved Silver (Ag)	2025/07/29	NC		%	20
			Dissolved Strontium (Sr)	2025/07/29	NC		%	20
			Dissolved Thallium (Tl)	2025/07/29	NC		%	20
			Dissolved Tin (Sn)	2025/07/29	NC		%	20
			Dissolved Titanium (Ti)	2025/07/29	NC		%	20
			Dissolved Uranium (U)	2025/07/29	NC		%	20
			Dissolved Vanadium (V)	2025/07/29	NC		%	20
			Dissolved Zinc (Zn)	2025/07/29	NC		%	20
			Dissolved Zirconium (Zr)	2025/07/29	NC		%	20
C031197	BTM	Matrix Spike [DPM062-02]	Dissolved Organic Carbon (C)	2025/07/26		96	%	80 - 120

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C031197	BTM	Spiked Blank	Dissolved Organic Carbon (C)	2025/07/26		100	%	80 - 120
C031197	BTM	Method Blank	Dissolved Organic Carbon (C)	2025/07/26	ND, RDL=0.50		mg/L	
C031197	BTM	RPD [DPM062-02]	Dissolved Organic Carbon (C)	2025/07/26	2.7		%	20
C031388	KA5	Matrix Spike [DPM067-01]	Total Suspended Solids	2025/07/28		104	%	80 - 120
C031388	KA5	Spiked Blank	Total Suspended Solids	2025/07/28		100	%	80 - 120
C031388	KA5	Method Blank	Total Suspended Solids	2025/07/28	ND, RDL=1.0		mg/L	
C031388	KA5	RPD [DPM067-01]	Total Suspended Solids	2025/07/28	NC		%	20
C031902	SOM	Matrix Spike	Bromide (Br)	2025/07/28		90	%	78 - 120
C031902	SOM	Spiked Blank	Bromide (Br)	2025/07/28		108	%	80 - 120
C031902	SOM	Method Blank	Bromide (Br)	2025/07/28	ND, RDL=0.010		mg/L	
C031902	SOM	RPD	Bromide (Br)	2025/07/28	NC		%	20
C032063	NJD	Matrix Spike [DPM066-11]	Total Sulphide	2025/07/28		35 (1)	%	80 - 120
C032063	NJD	Spiked Blank	Total Sulphide	2025/07/28		93	%	80 - 120
C032063	NJD	Method Blank	Total Sulphide	2025/07/28	ND, RDL=0.0018		mg/L	
C032063	NJD	RPD [DPM067-11]	Total Sulphide	2025/07/28	NC		%	20
C032193	JP1	Matrix Spike	D10-ANTHRACENE (sur.)	2025/07/28		102	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/07/28		109	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/07/28		85	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/07/28		82	%	50 - 140
			Quinoline	2025/07/28		98	%	50 - 140
			Naphthalene	2025/07/28		81	%	50 - 140
			1-Methylnaphthalene	2025/07/28		84	%	50 - 140
			2-Methylnaphthalene	2025/07/28		81	%	50 - 140
			Acenaphthylene	2025/07/28		99	%	50 - 140
			Acenaphthene	2025/07/28		92	%	50 - 140
			Fluorene	2025/07/28		97	%	50 - 140
			Phenanthrene	2025/07/28		95	%	50 - 140
			Anthracene	2025/07/28		97	%	50 - 140
			Acridine	2025/07/28		91	%	50 - 140
			Fluoranthene	2025/07/28		77	%	50 - 140
			Pyrene	2025/07/28		81	%	50 - 140
			Benzo(a)anthracene	2025/07/28		98	%	50 - 140
			Chrysene	2025/07/28		100	%	50 - 140
			Benzo(b&j)fluoranthene	2025/07/28		89	%	50 - 140
			Benzo(k)fluoranthene	2025/07/28		97	%	50 - 140
			Benzo(a)pyrene	2025/07/28		88	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/07/28		76	%	50 - 140
			Dibenz(a,h)anthracene	2025/07/28		74	%	50 - 140
			Benzo(g,h,i)perylene	2025/07/28		75	%	50 - 140
C032193	JP1	Spiked Blank	D10-ANTHRACENE (sur.)	2025/07/28		118	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/07/28		117	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/07/28		86	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/07/28		98	%	50 - 140
			Quinoline	2025/07/28		93	%	50 - 140
			Naphthalene	2025/07/28		78	%	50 - 140
			1-Methylnaphthalene	2025/07/28		81	%	50 - 140
			2-Methylnaphthalene	2025/07/28		77	%	50 - 140

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Acenaphthylene	2025/07/28		97	%	50 - 140
			Acenaphthene	2025/07/28		90	%	50 - 140
			Fluorene	2025/07/28		95	%	50 - 140
			Phenanthrene	2025/07/28		94	%	50 - 140
			Anthracene	2025/07/28		97	%	50 - 140
			Acridine	2025/07/28		86	%	50 - 140
			Fluoranthene	2025/07/28		80	%	50 - 140
			Pyrene	2025/07/28		83	%	50 - 140
			Benzo(a)anthracene	2025/07/28		97	%	50 - 140
			Chrysene	2025/07/28		99	%	50 - 140
			Benzo(b&j)fluoranthene	2025/07/28		97	%	50 - 140
			Benzo(k)fluoranthene	2025/07/28		105	%	50 - 140
			Benzo(a)pyrene	2025/07/28		95	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/07/28		105	%	50 - 140
			Dibenz(a,h)anthracene	2025/07/28		104	%	50 - 140
			Benzo(g,h,i)perylene	2025/07/28		104	%	50 - 140
C032193	JP1	Method Blank	D10-ANTHRACENE (sur.)	2025/07/28		127	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/07/28		124	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/07/28		98	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/07/28		105	%	50 - 140
			Quinoline	2025/07/28	ND, RDL=0.020		ug/L	
			Naphthalene	2025/07/28	ND, RDL=0.10		ug/L	
			1-Methylnaphthalene	2025/07/28	ND, RDL=0.050		ug/L	
			2-Methylnaphthalene	2025/07/28	ND, RDL=0.10		ug/L	
			Acenaphthylene	2025/07/28	ND, RDL=0.050		ug/L	
			Acenaphthene	2025/07/28	ND, RDL=0.050		ug/L	
			Fluorene	2025/07/28	ND, RDL=0.050		ug/L	
			Phenanthrene	2025/07/28	ND, RDL=0.050		ug/L	
			Anthracene	2025/07/28	ND, RDL=0.010		ug/L	
			Acridine	2025/07/28	ND, RDL=0.050		ug/L	
			Fluoranthene	2025/07/28	ND, RDL=0.020		ug/L	
			Pyrene	2025/07/28	ND, RDL=0.020		ug/L	
			Benzo(a)anthracene	2025/07/28	ND, RDL=0.010		ug/L	
			Chrysene	2025/07/28	ND, RDL=0.020		ug/L	
			Benzo(b&j)fluoranthene	2025/07/28	ND, RDL=0.030		ug/L	
			Benzo(k)fluoranthene	2025/07/28	ND, RDL=0.050		ug/L	
			Benzo(a)pyrene	2025/07/28	ND, RDL=0.0050		ug/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Indeno(1,2,3-cd)pyrene	2025/07/28	ND, RDL=0.050		ug/L	
			Dibenz(a,h)anthracene	2025/07/28	ND, RDL=0.0030		ug/L	
			Benzo(g,h,i)perylene	2025/07/28	ND, RDL=0.050		ug/L	
C032193	JP1	RPD	Quinoline	2025/07/29	NC		%	40
			Naphthalene	2025/07/29	NC		%	40
			1-Methylnaphthalene	2025/07/29	NC		%	40
			2-Methylnaphthalene	2025/07/29	NC		%	40
			Acenaphthylene	2025/07/29	NC		%	40
			Acenaphthene	2025/07/29	NC		%	40
			Fluorene	2025/07/29	NC		%	40
			Phenanthrene	2025/07/29	1.7		%	40
			Anthracene	2025/07/29	13		%	40
			Acridine	2025/07/29	NC		%	40
			Fluoranthene	2025/07/29	5.5		%	40
			Pyrene	2025/07/29	7.0		%	40
			Benzo(a)anthracene	2025/07/29	NC		%	40
			Chrysene	2025/07/29	NC		%	40
			Benzo(b&j)fluoranthene	2025/07/29	NC		%	40
			Benzo(k)fluoranthene	2025/07/29	NC		%	40
			Benzo(a)pyrene	2025/07/29	35		%	40
			Indeno(1,2,3-cd)pyrene	2025/07/29	NC		%	40
			Dibenz(a,h)anthracene	2025/07/29	NC		%	40
			Benzo(g,h,i)perylene	2025/07/29	NC		%	40
C032201	IT1	Matrix Spike	O-TERPHENYL (sur.)	2025/07/28		98	%	60 - 140
			EPH (C10-C19)	2025/07/28		95	%	60 - 140
			EPH (C19-C32)	2025/07/28		118	%	60 - 140
C032201	IT1	Spiked Blank	O-TERPHENYL (sur.)	2025/07/28		103	%	60 - 140
			EPH (C10-C19)	2025/07/28		97	%	70 - 130
			EPH (C19-C32)	2025/07/28		118	%	70 - 130
C032201	IT1	Method Blank	O-TERPHENYL (sur.)	2025/07/28		110	%	60 - 140
			EPH (C10-C19)	2025/07/28	ND, RDL=0.20		mg/L	
			EPH (C19-C32)	2025/07/28	ND, RDL=0.20		mg/L	
C032201	IT1	RPD	EPH (C10-C19)	2025/07/28	NC		%	30
			EPH (C19-C32)	2025/07/28	NC		%	30
C032219	CBK	Matrix Spike	Total Phosphorus (P)	2025/07/29		107	%	N/A
C032219	CBK	Spiked Blank	Total Phosphorus (P)	2025/07/29		109	%	80 - 120
C032219	CBK	Method Blank	Total Phosphorus (P)	2025/07/29	0.0011, RDL=0.0010		mg/L	
C032219	CBK	RPD	Total Phosphorus (P)	2025/07/29	15		%	20
C032350	KA5	Matrix Spike	Total Suspended Solids	2025/07/29		100	%	80 - 120
C032350	KA5	Spiked Blank	Total Suspended Solids	2025/07/29		102	%	80 - 120
C032350	KA5	Method Blank	Total Suspended Solids	2025/07/29	ND, RDL=1.0		mg/L	
C032350	KA5	RPD [DPM062-01]	Total Suspended Solids	2025/07/29	NC		%	20
C032432	KA5	Matrix Spike	Total Dissolved Solids	2025/07/29		100	%	80 - 120
C032432	KA5	Spiked Blank	Total Dissolved Solids	2025/07/29		104	%	80 - 120
C032432	KA5	Method Blank	Total Dissolved Solids	2025/07/29	ND, RDL=10		mg/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C032432	KA5	RPD	Total Dissolved Solids	2025/07/29	13		%	20
C032567	DWL	Matrix Spike	1,4-Difluorobenzene (sur.)	2025/07/29		100	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/07/29		106	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/07/29		113	%	50 - 140
			1,1,1,2-tetrachloroethane	2025/07/29		104	%	50 - 140
			1,1,1-trichloroethane	2025/07/29		111	%	50 - 140
			1,1,2,2-tetrachloroethane	2025/07/29		104	%	50 - 140
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/07/29		113	%	50 - 140
			1,1,2-trichloroethane	2025/07/29		107	%	50 - 140
			1,1-dichloroethane	2025/07/29		117	%	50 - 140
			1,1-dichloroethene	2025/07/29		135	%	50 - 140
			1,2,3-trichlorobenzene	2025/07/29		114	%	50 - 140
			1,2,4-trichlorobenzene	2025/07/29		112	%	50 - 140
			1,2-dibromoethane	2025/07/29		110	%	50 - 140
			1,2-dichlorobenzene	2025/07/29		111	%	50 - 140
			1,2-dichloroethane	2025/07/29		107	%	50 - 140
			1,2-dichloropropane	2025/07/29		100	%	50 - 140
			1,3,5-trimethylbenzene	2025/07/29		115	%	50 - 140
			1,3-Butadiene	2025/07/29		105	%	50 - 140
			1,3-dichlorobenzene	2025/07/29		109	%	50 - 140
			1,3-dichloropropane	2025/07/29		108	%	50 - 140
			1,4-dichlorobenzene	2025/07/29		99	%	50 - 140
			Benzene	2025/07/29		105	%	50 - 140
			Bromobenzene	2025/07/29		107	%	50 - 140
			Bromodichloromethane	2025/07/29		105	%	50 - 140
			Bromoform	2025/07/29		104	%	50 - 140
			Bromomethane	2025/07/29		90	%	50 - 140
			Carbon tetrachloride	2025/07/29		108	%	50 - 140
			Chlorobenzene	2025/07/29		107	%	50 - 140
			Dibromochloromethane	2025/07/29		108	%	50 - 140
			Chloroethane	2025/07/29		111	%	50 - 140
			Chloroform	2025/07/29		106	%	50 - 140
			Chloromethane	2025/07/29		118	%	50 - 140
			cis-1,2-dichloroethene	2025/07/29		104	%	50 - 140
			cis-1,3-dichloropropene	2025/07/29		85	%	50 - 140
			Dichlorodifluoromethane	2025/07/29		88	%	50 - 140
			Dichloromethane	2025/07/29		99	%	50 - 140
			Ethylbenzene	2025/07/29		115	%	50 - 140
			Hexachlorobutadiene	2025/07/29		100	%	50 - 140
			Isopropylbenzene	2025/07/29		110	%	50 - 140
			Methyl-tert-butylether (MTBE)	2025/07/29		105	%	50 - 140
			Styrene	2025/07/29		87	%	50 - 140
			Tetrachloroethene	2025/07/29		99	%	50 - 140
			Toluene	2025/07/29		120	%	50 - 140
			trans-1,2-dichloroethene	2025/07/29		109	%	50 - 140
			trans-1,3-dichloropropene	2025/07/29		91	%	50 - 140
			Trichloroethene	2025/07/29		101	%	50 - 140
			Trichlorofluoromethane	2025/07/29		112	%	50 - 140
			Vinyl chloride	2025/07/29		116	%	50 - 140
			m & p-Xylene	2025/07/29		106	%	50 - 140
			o-Xylene	2025/07/29		114	%	50 - 140
C032567	DWL	Spiked Blank	1,4-Difluorobenzene (sur.)	2025/07/29		99	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/07/29		125	%	50 - 140

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			D4-1,2-Dichloroethane (sur.)	2025/07/29		112	%	50 - 140
			VH C6-C10	2025/07/29		103	%	70 - 130
			1,1,1,2-tetrachloroethane	2025/07/29		121	%	60 - 130
			1,1,1-trichloroethane	2025/07/29		109	%	60 - 130
			1,1,2,2-tetrachloroethane	2025/07/29		108	%	60 - 130
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/07/29		100	%	60 - 130
			1,1,2-trichloroethane	2025/07/29		107	%	60 - 130
			1,1-dichloroethane	2025/07/29		116	%	60 - 130
			1,1-dichloroethene	2025/07/29		118	%	60 - 130
			1,2,3-trichlorobenzene	2025/07/29		113	%	60 - 130
			1,2,4-trichlorobenzene	2025/07/29		108	%	60 - 130
			1,2-dibromoethane	2025/07/29		113	%	60 - 130
			1,2-dichlorobenzene	2025/07/29		113	%	60 - 130
			1,2-dichloroethane	2025/07/29		102	%	60 - 130
			1,2-dichloropropane	2025/07/29		99	%	60 - 130
			1,3,5-trimethylbenzene	2025/07/29		126	%	60 - 130
			1,3-Butadiene	2025/07/29		126	%	50 - 140
			1,3-dichlorobenzene	2025/07/29		112	%	60 - 130
			1,3-dichloropropane	2025/07/29		112	%	60 - 130
			1,4-dichlorobenzene	2025/07/29		99	%	60 - 130
			Benzene	2025/07/29		104	%	60 - 130
			Bromobenzene	2025/07/29		107	%	60 - 130
			Bromodichloromethane	2025/07/29		104	%	60 - 130
			Bromoform	2025/07/29		103	%	60 - 130
			Bromomethane	2025/07/29		83	%	50 - 140
			Carbon tetrachloride	2025/07/29		107	%	60 - 130
			Chlorobenzene	2025/07/29		123	%	60 - 130
			Dibromochloromethane	2025/07/29		110	%	60 - 130
			Chloroethane	2025/07/29		104	%	50 - 140
			Chloroform	2025/07/29		106	%	60 - 130
			Chloromethane	2025/07/29		111	%	50 - 140
			cis-1,2-dichloroethene	2025/07/29		102	%	60 - 130
			cis-1,3-dichloropropene	2025/07/29		81	%	50 - 140
			Dichlorodifluoromethane	2025/07/29		84	%	50 - 140
			Dichloromethane	2025/07/29		107	%	60 - 130
			Ethylbenzene	2025/07/29		128	%	60 - 130
			Hexachlorobutadiene	2025/07/29		101	%	60 - 130
			Isopropylbenzene	2025/07/29		111	%	60 - 130
			Methyl-tert-butylether (MTBE)	2025/07/29		101	%	60 - 130
			Styrene	2025/07/29		123	%	60 - 130
			Tetrachloroethene	2025/07/29		102	%	60 - 130
			Toluene	2025/07/29		120	%	60 - 130
			trans-1,2-dichloroethene	2025/07/29		108	%	60 - 130
			trans-1,3-dichloropropene	2025/07/29		86	%	50 - 140
			Trichloroethene	2025/07/29		99	%	60 - 130
			Trichlorofluoromethane	2025/07/29		106	%	60 - 130
			Vinyl chloride	2025/07/29		114	%	50 - 140
			m & p-Xylene	2025/07/29		124	%	60 - 130
			o-Xylene	2025/07/29		128	%	60 - 130
C032567	DWL	Method Blank	1,4-Difluorobenzene (sur.)	2025/07/29		101	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/07/29		87	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/07/29		106	%	50 - 140

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			VH C6-C10	2025/07/29	ND, RDL=300		ug/L	
			1,1,1,2-tetrachloroethane	2025/07/29	ND, RDL=0.50		ug/L	
			1,1,1-trichloroethane	2025/07/29	ND, RDL=0.50		ug/L	
			1,1,2,2-tetrachloroethane	2025/07/29	ND, RDL=0.50		ug/L	
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/07/29	ND, RDL=2.0		ug/L	
			1,1,2-trichloroethane	2025/07/29	ND, RDL=0.50		ug/L	
			1,1-dichloroethane	2025/07/29	ND, RDL=0.50		ug/L	
			1,1-dichloroethene	2025/07/29	ND, RDL=0.50		ug/L	
			1,2,3-trichlorobenzene	2025/07/29	ND, RDL=2.0		ug/L	
			1,2,4-trichlorobenzene	2025/07/29	ND, RDL=2.0		ug/L	
			1,2-dibromoethane	2025/07/29	ND, RDL=0.20		ug/L	
			1,2-dichlorobenzene	2025/07/29	ND, RDL=0.50		ug/L	
			1,2-dichloroethane	2025/07/29	ND, RDL=0.50		ug/L	
			1,2-dichloropropane	2025/07/29	ND, RDL=0.50		ug/L	
			1,3,5-trimethylbenzene	2025/07/29	ND, RDL=2.0		ug/L	
			1,3-Butadiene	2025/07/29	ND, RDL=0.50		ug/L	
			1,3-dichlorobenzene	2025/07/29	ND, RDL=0.50		ug/L	
			1,3-dichloropropane	2025/07/29	ND, RDL=1.0		ug/L	
			1,4-dichlorobenzene	2025/07/29	ND, RDL=0.50		ug/L	
			Benzene	2025/07/29	ND, RDL=0.40		ug/L	
			Bromobenzene	2025/07/29	ND, RDL=2.0		ug/L	
			Bromodichloromethane	2025/07/29	ND, RDL=1.0		ug/L	
			Bromoform	2025/07/29	ND, RDL=1.0		ug/L	
			Bromomethane	2025/07/29	ND, RDL=1.0		ug/L	
			Carbon tetrachloride	2025/07/29	ND, RDL=0.50		ug/L	
			Chlorobenzene	2025/07/29	ND, RDL=0.50		ug/L	
			Dibromochloromethane	2025/07/29	ND, RDL=1.0		ug/L	

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Chloroethane	2025/07/29	ND, RDL=1.0		ug/L	
			Chloroform	2025/07/29	ND, RDL=1.0		ug/L	
			Chloromethane	2025/07/29	ND, RDL=1.0		ug/L	
			cis-1,2-dichloroethene	2025/07/29	ND, RDL=1.0		ug/L	
			cis-1,3-dichloropropene	2025/07/29	ND, RDL=1.0		ug/L	
			Dichlorodifluoromethane	2025/07/29	ND, RDL=2.0		ug/L	
			Dichloromethane	2025/07/29	ND, RDL=2.0		ug/L	
			Ethylbenzene	2025/07/29	ND, RDL=0.40		ug/L	
			Hexachlorobutadiene	2025/07/29	ND, RDL=0.50		ug/L	
			Isopropylbenzene	2025/07/29	ND, RDL=2.0		ug/L	
			Methyl-tert-butylether (MTBE)	2025/07/29	ND, RDL=4.0		ug/L	
			Styrene	2025/07/29	ND, RDL=0.50		ug/L	
			Tetrachloroethene	2025/07/29	ND, RDL=0.50		ug/L	
			Toluene	2025/07/29	ND, RDL=0.40		ug/L	
			trans-1,2-dichloroethene	2025/07/29	ND, RDL=1.0		ug/L	
			trans-1,3-dichloropropene	2025/07/29	ND, RDL=1.0		ug/L	
			Trichloroethene	2025/07/29	ND, RDL=0.50		ug/L	
			Trichlorofluoromethane	2025/07/29	ND, RDL=4.0		ug/L	
			Vinyl chloride	2025/07/29	ND, RDL=0.50		ug/L	
			m & p-Xylene	2025/07/29	ND, RDL=0.40		ug/L	
			o-Xylene	2025/07/29	ND, RDL=0.40		ug/L	
			Xylenes (Total)	2025/07/29	ND, RDL=0.40		ug/L	
C032567	DWL	RPD	Bromodichloromethane	2025/07/30	10		%	30
			Bromoform	2025/07/30	NC		%	30
			Dibromochloromethane	2025/07/30	NC		%	30
			Chloroform	2025/07/30	1.4		%	30
C032707	IC4	Matrix Spike	Dissolved Mercury (Hg)	2025/07/29		105	%	80 - 120
C032707	IC4	Spiked Blank	Dissolved Mercury (Hg)	2025/07/29		99	%	80 - 120
C032707	IC4	Method Blank	Dissolved Mercury (Hg)	2025/07/29	ND, RDL=0.0019		ug/L	
C032707	IC4	RPD	Dissolved Mercury (Hg)	2025/07/29	1.1		%	20
C032917	JLD	Matrix Spike	Phenols	2025/07/29		118	%	80 - 120

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C032917	JLD	Spiked Blank	Phenols	2025/07/29		105	%	80 - 120
C032917	JLD	Method Blank	Phenols	2025/07/29	ND, RDL=0.0015		mg/L	
C032917	JLD	RPD	Phenols	2025/07/29	NC		%	20
C033033	JLP	Matrix Spike [DPM068-12]	Total Hex. Chromium (Cr 6+)	2025/07/29		105	%	80 - 120
C033033	JLP	Spiked Blank	Total Hex. Chromium (Cr 6+)	2025/07/29		105	%	80 - 120
C033033	JLP	Method Blank	Total Hex. Chromium (Cr 6+)	2025/07/29	ND, RDL=0.00099		mg/L	
C033033	JLP	RPD [DPM068-12]	Total Hex. Chromium (Cr 6+)	2025/07/29	NC		%	20

N/A = Not Applicable

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

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

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

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

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

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

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

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

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VALIDATION SIGNATURE PAGE

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

Levi Manchak, Project Manager SR

Luba Shymushovska, B.Sc., QP, Senior Analyst, Organics

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

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

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

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

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C564441
2025/07/22 16:30

Bureau Veritas
4606 Canada Way, Burnaby, British Columbia Canada V5G 1K5 Tel:(604) 734 7276 Toll-free:800-563-6266 Fax:(604) 731 2386 www.bvna.com

Chain Of Custody Record

INVOICE TO:		Report Information		Project Information		Laboratory Use Only	
Company Name	#12239 Fortis BC Energy Inc	Company Name	#50473 HATFIELD CONSULTANTS	Quotation #	C50083	Bureau Veritas Job #	Bottle Order #:
Contact Name	Accounts Payable	Contact Name	Jennifer Choyce	P.O. #	4800010213	13 1254	760947
Address	16705 Fraser Hwy Surrey BC V4N 0E8	Address	200-850 Harbourside Dr North Vancouver BC V7P 0A3	Project #	FORTIS11234/PE-110163	Chain Of Custody Record	Project Manager
Phone	(604) 790-4361 Fax: (604) 592-7630	Phone	Fax: (604) 926-5389	Project Name		C#760947-01-01	Levi Marchak
Email	einvoices@fortisbc.com	Email	jchoyce@hatfieldgroup.com	Site #			
				Sampled By			

Regulatory Criteria:
- [ ] CSR
- [ ] CCME
- [x] BC Water Quality
- [ ] Other: _____

Special Instructions

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

ANALYSIS REQUESTED (PLEASE BE SPECIFIC)

Turnaround Time (TAT) Required:

Please provide advance notice for rush projects

Regular (Standard) TAT:
(will be applied if Rush TAT is not specified)
Standard TAT = 5-7 Working days for most tests.
Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission)
1 DAY ☐ 2 Day ☐ 3 Day ☐ Date Required: _____

Rush Confirmation Number: _____ (call lab for #)

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix	Metals Field Filtered ? (Y / N)	Woodfibre Additional 2025	Woodfibre 2025	# of Bottles	Comments
1		WLNG - EOP	2025 07 22	925			X		4	
2	SID#385423	WLNG-EOP	2025 07 22	925				X	14	
3	SID#385424	WLNG-US	2025 07 22	825				X	14	
4	SID#385425	WLNG-DS	2025 07 22	1015				X	14	
5	SID#385426	SQRI-US	2025 07 22	1325				X	14	
6	SID#385427	SQRI-DS	2025 07 22	1345				X	14	
7		TRIP BLANK	2025 07 22					X	14	
8		FIELD BLANK	2025 07 22	1100				X	14	
9										
10										

MVAN-2025-07-1722

* RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time	# jars used and not submitted	Lab Use Only: Time Sensitive	Temperature (°C) on Receipt	Custody Seal Intact on Cooler?
Will Booren	25/07/22	16:11	Tommaso Anthony Tornino	2025/07/22	16:30		☐	10-10-11-10-10-9	☐ Yes ☒ No

* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO BUREAU VERITAS'S STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.BVNA.COM/ENVIRONMENTAL-LABORATORIES/RESOURCES/COC-TERMS-AND-CONDITIONS.

* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

ICE FROZEN

White: Bureau Veritas Yellow: Client

C564441
2025/07/22 16:30

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Chain Of Custody Record

Page of

INVOICE TO:		Report Information		Project Information		Laboratory Use Only	
Company Name	#12239 Fortis BC Energy Inc	Company Name	#50473 HATFIELD CONSULTANTS	Quotation #	C50083	Bureau Veritas Job #	Bottle Order #: 761844
Contact Name	Accounts Payable	Contact Name	Saeesh Mangwani	P.O. #	4800010213		
Address	16705 Fraser Hwy	Address	200-850 Harbourside Dr	Project #	FORTIS11234/PE-110163	Chain Of Custody Record	Project Manager
	Surrey BC V4N 0E8		North Vancouver BC V7P 0A3	Project Name		C#761844-01-01	Levi Manchak
Phone	(604) 790-4361 Fax (604) 592-7630	Phone	(604) 926-3261 Fax:	Site #			
Email	einvoices@fortisbc.com	Email	smangwani@hatfieldgroup.com, jchoyce@hatfieldgroup	Sampled By			

Regulatory Criteria: CSR / CCME / BC Water Quality / Other

Special Instructions

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

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Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.
Job Specific Rush TAT (if applies to entire submission)
1 DAY ☐ 2 Day ☐ 3 Day ☐ Date Required: ____
Rush Confirmation Number: ____ (call lab for #)

ANALYSIS REQUESTED (PLEASE BE SPECIFIC)

#	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix	Metals Field Filtered ? (Y / N)	Woodfibre 2025	Woodfibre Blank 2025	Total Coliform & E.Coli by MF-Chromocult	CSR/CCME Metals in Soil with Hg	BC total organic carbon LECO method	GRAIN SIZE	NUTRIENT PACKAGE	ANIONIC POLLUTANTS	# of Bottles	Comments
1							X	X	X							
2							X	X	X							
3							X	X	X							
4																
5		WLNG - EOP	2025/07/22	905						X	X	X	X	X		FOR ADDITIONAL ANALYSIS
6		WLNG MIDSTREAM	2025/07/22	945						X	X	X	X	X		CONTACT BRETT LUCAS
7		WLNG DS	2025/07/22	1000						X	X	X	X	X		blucas@hatfieldgroup.com
8		WLNG FLOC	2025/07/22	1040						X	X	X	X	X		
9																
10																

* RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time	# jars used and not submitted	Time Sensitive	Temperature (°C) on Receipt	Custody Seal Intact on Cooler?
Will Brolker	25/07/22	1611	Anthony Toronto	2025/07/22	16:30		☐	10-10-11-10-10-9	☐ Yes ☒ No

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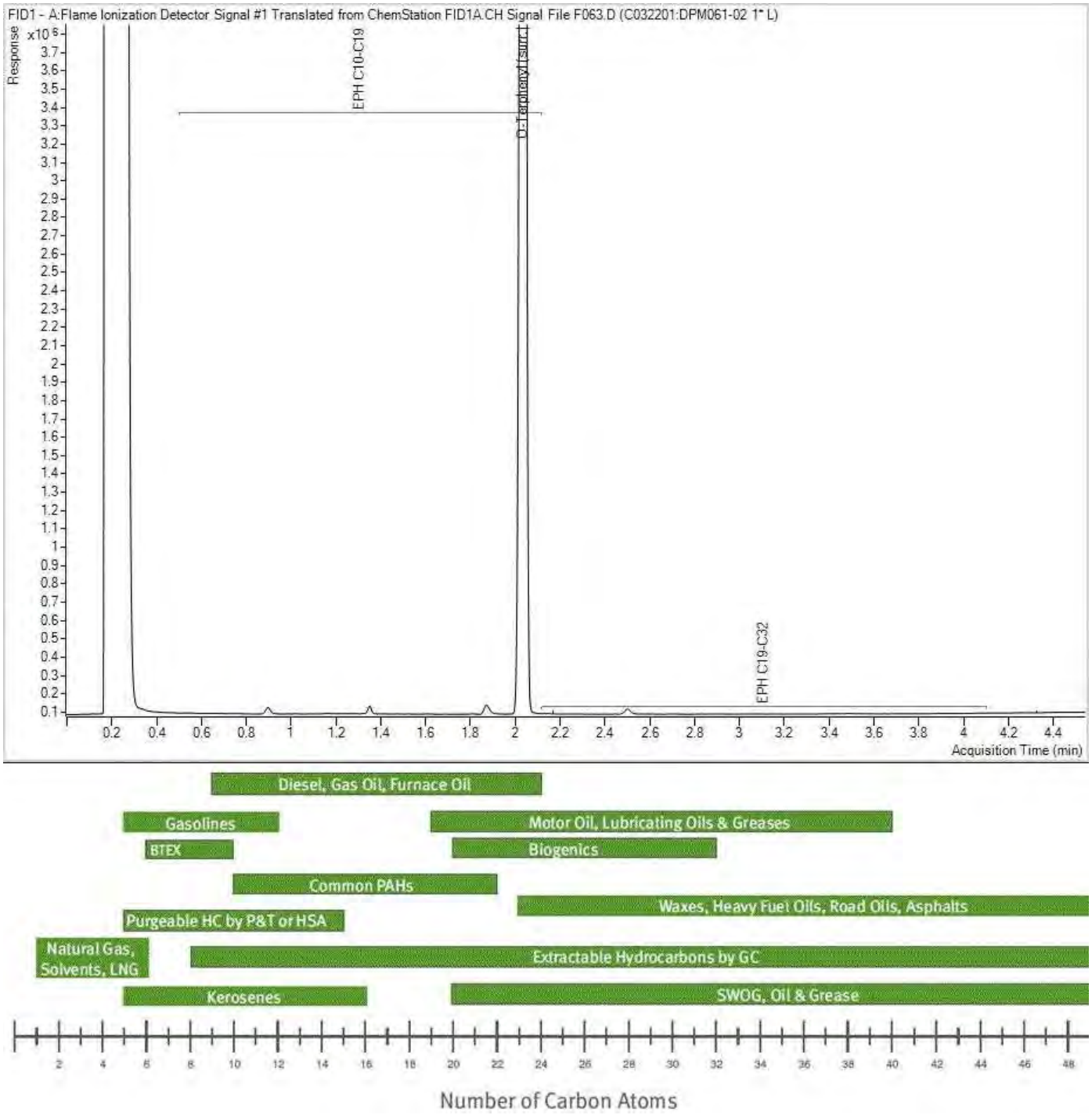
ICE FROZEN

White: Bureau Veritas Yellow: Client

Bureau Veritas Canada (2019) Inc.

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.