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.

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.
- There was no discharges this week from the BC Rail Site.

Discharge from Water Treatment Plant

Appendix A includes volume information and real time/field samples from the discharge.

Receiving Environment Monitoring-Squamish River

Table 3 and 4 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 3: Upstream Monitoring Information

Location	Date of Lab Sample	Real Time Monitored	Results
Squamish River Upstream	2025-12-16	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix B.

Table 4: Downstream Monitoring Information

Location	Date of Lab Sample	Real Time Monitored	Results
Squamish River Downstream	2025-12-16	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).
**DATA GAPS: In-Situ Continuous Monitoring Data:
SQU US
Due to technical issues with the equipment, data could not be retrieved from the SQU US sonde between December 15 and December 17.
SQU DS
2025-12-19: Temperature, ORP and turbidity data were missing at 23:00.
2025-12-20: Temperature, ORP and turbidity data were missing at 19:30 and 20:00.

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.

- The WLNG EOP D-Cu concentration (0.000371 mg/L) was above its sample-specific BC ST WQGPAL (freshwater) of 0.0002 mg/L by a factor of 1.9 times, although it is important to note that this guideline includes a 2-fold safety factor.
    - The D-Cu at the upstream reference station WLNG US (0.00182 mg/L) was above its sample-specific BC ST WQGPAL (freshwater) of 0.00163 mg/L by a factor of 1.1 times and exceeded the value observed in the EOP sample, indicating elevated background concentrations.
    - D-Cu at the downstream WLNG DS (0.00106 mg/L) station was below the WLNG US upstream reference station results.
    - These results suggest negligible additional risk to downstream aquatic life from the EOP D-Cu discharge concentration on December 16, 2025 given that it was less than the upstream reference results and supported by the results of acute toxicity testing with rainbow trout, which resulted in an LC50 value of >100% sample.

Discharge from Water Treatment Plant

Appendix C includes volume information and real time/field samples from the discharge.

Receiving Environment Monitoring-East Creek

Table 5 and 6 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 5: Upstream Monitoring Information

Location	Date of Lab Sample	Real Time Monitored	Results
East Creek Upstream	2025-12-16	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix D.

Table 6: Downstream Monitoring Information

Location	Date of Lab Sample	Real Time Monitored	Results
East Creek Downstream	2025-12-16	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).
**DATA GAPS: In-Situ Continuous Monitoring Data:

WLNG US:
2025-12-16: Temperature data was missing at 7:00.
2025-12-17: Temperature data was missing at 22:00.
2025-12-19: Temperature, conductivity, and salinity data were missing at 15:00.
2025-12-20: Temperature, conductivity, ORP, pH, DO, turbidity and salinity data were missing at 10:00.
2025-12-20: Temperature, conductivity, and salinity data were missing at 18:00.
2025-12-21: Temperature, conductivity, and salinity data were missing at 17:00.

WLNG DS:
2025-12-15: Turbidity data was missing at 19:00.
2025-12-16: Turbidity data was missing at 7:00.
2025-12-16: Temperature data was missing at 16:00 and 18:00.

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

BCR Site Batch Sample Analysis

No Discharges

BCR Site WTP Discharge Field Notes and Logs

No Discharges

Appendix B: BCR Site Receiving Environment Documentation

BCR Site Receiving Environment Sample Analysis

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	**SQU US 2025-12-16 13:54:00**	**SQU DS 2025-12-16 13:39:00**
In situ Parameters									
Field pH	pH Units		6.5 - 9			7 - 8.7		**6.88**	**6.73**
Field Temperature	°C	18	19					6.2	8.3
General Parameters									
pH	pH Units							6.54	6.54
Alkalinity (Total as $CaCO_3$)	mg/L							9	9
Alkalinity (PP as $CaCO_3$)	mg/L							<1	<1
Hardness ($CaCO_3$)-Total	mg/L							11.7	11.6
Hardness ($CaCO_3$)-Dissolved	mg/L							11.4	10.9
Sulphide-Total	mg/L							<0.0018	<0.0018
Sulphide (as H_2S)	mg/L			0.002				<0.002	<0.002
Anions and Nutrients									
Ammonia (N)-Total	mg/L	1.86	22.5		29	191		0.078	0.037
Bicarbonate (HCO_3)	mg/L							11	11
Carbonate (CO_3)	mg/L							<1	<1
Hydroxide (OH)	mg/L							<1	<1
Nitrate (N)	mg/L	3	32.8		3.7			0.28	0.069
Nitrite (N)	mg/L	0.02	0.06					0.0067	<0.005
Nitrate plus Nitrite (N)	mg/L							0.287	0.069
Nitrogen (N)-Total	mg/L							0.235	0.19
Phosphorus (P)-Total (4500-P)	mg/L							0.092	0.11
Bromide (Br)	mg/L							<0.01	<0.01
Chloride (Cl)	mg/L	150	600					<1	<1
Fluoride (F)	mg/L		0.468			1.5		<0.05	<0.05
Sulphate (SO_4)-Dissolved	mg/L	128						1.2	<1

[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. 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 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.

[4] **Bold and shaded text** outlines a reportable exceedance given that it exceeds the applicable BC water quality guideline (i.e., the short-term acute freshwater aquatic life guideline), consistent with recommendations outlined in Hatfield (2024).

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	**SQU US 2025-12-16 13:54:00**	**SQU DS 2025-12-16 13:39:00**
Total Metals									
Aluminum (Al)-Total	mg/L	0.048833						**0.764**	**0.963**
Antimony (Sb)-Total	mg/L	0.074	0.25					<0.00002	<0.00002
Arsenic (As)-Total	mg/L	0.005			0.0125			0.000125	0.00016
Barium (Ba)-Total	mg/L			1				0.0106	0.0157
Beryllium (Be)-Total	mg/L			0.00013			0.1	0.000016	0.000015
Bismuth (Bi)-Total	mg/L							<0.00001	<0.00001
Boron (B)-Total	mg/L	1.2			1.2			<0.01	<0.01
Cadmium (Cd)-Total	mg/L						0.00012	0.000019	0.000017
Calcium (Ca)-Total	mg/L							3.72	3.55
Cesium (Cs)-Total	mg/L							<0.00005	<0.00005
Chromium (Cr)-Total	mg/L							0.00033	0.00039
Chromium (Cr III)-Total	mg/L			0.0089			0.056	<0.00099	<0.00099
Chromium (Cr VI)-Total	mg/L			0.0025			0.0015	<0.00099	<0.00099
Cobalt (Co)-Total	mg/L	0.000389						0.000273	**0.000443**
Copper (Cu)-Total	mg/L				0.002	0.003		**0.00249**	**0.0032**
Iron (Fe)-Total	mg/L		1					0.483	0.752
Lead (Pb)-Total	mg/L				0.002	0.14		0.000255	0.000304
Lithium (Li)-Total	mg/L							<0.0005	0.00061
Magnesium (Mg)-Total	mg/L							0.58	0.67
Manganese (Mn)-Total	mg/L	0.656	0.668				0.1	0.0174	0.0252
Mercury (Hg)-Total	mg/L	0.00002			0.00002			0.000003	0.0000038
Molybdenum (Mo)-Total	mg/L	7.6	46					0.000397	0.000348
Nickel (Ni)-Total	mg/L						0.0083	0.00044	0.0005
Phosphorus (P)-Total (ICPMS)	mg/L							0.062	0.0743
Potassium (K)-Total	mg/L							0.41	0.51
Rubidium (Rb)-Total	mg/L							0.000659	0.00108
Selenium (Se)-Total	mg/L	0.002			0.002			<0.00004	<0.00004
Silicon (Si)-Total	mg/L							3.5	3.48
Silver (Ag)-Total	mg/L	0.00012			0.0005	0.0037	0.0005	<0.00001	<0.00001
Sodium (Na)-Total	mg/L							1.26	1.19
Strontium (Sr)-Total	mg/L							0.0234	0.0232
Sulphur (S)-Total	mg/L							<3	<3
Tellurium (Te)-Total	mg/L							<0.00002	<0.00002
Thallium (Tl)-Total	mg/L			0.00003				0.000004	0.000008
Thorium (Th)-Total	mg/L							<0.00005	<0.00005
Tin (Sn)-Total	mg/L							<0.0002	<0.0002
Titanium (Ti)-Total	mg/L							0.0184	0.0389
Uranium (U)-Total	mg/L		0.0165	0.0075				0.000044	0.00006
Vanadium (V)-Total	mg/L			0.06			0.005	0.00136	0.00208
Zinc (Zn)-Total	mg/L				0.01	0.055		0.004	0.0039
Zirconium (Zr)-Total	mg/L							0.00014	0.00013

[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	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	**SQU US 2025-12-16 13:54:00**	**SQU DS 2025-12-16 13:39:00**
Dissolved Metals									
Aluminum (Al)-Dissolved	mg/L							0.0747	0.0783
Antimony (Sb)-Dissolved	mg/L							<0.00002	<0.00002
Arsenic (As)-Dissolved	mg/L							0.000081	0.000084
Barium (Ba)-Dissolved	mg/L							0.0051	0.00533
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	0.000043	0.000064					0.000011	0.00001
Calcium (Ca)-Dissolved	mg/L							3.9	3.71
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						0.000054	0.000064
Copper (Cu)-Dissolved	mg/L	0.0002	0.00109					**0.00109**	**0.00113**
Iron (Fe)-Dissolved	mg/L		0.35					0.0497	0.0504
Lead (Pb)-Dissolved	mg/L	0.002134						0.000018	0.00002
Lithium (Li)-Dissolved	mg/L							<0.0005	<0.0005
Manganese (Mn)-Dissolved	mg/L							0.00492	0.0057
Magnesium (Mg)-Dissolved	mg/L							0.408	0.386
Mercury (Hg)-Dissolved	mg/L							<0.0000019	<0.0000019
Molybdenum (Mo)-Dissolved	mg/L							0.000418	0.000387
Nickel (Ni)-Dissolved	mg/L	0.0007	0.0113					0.000108	0.000118
Phosphorus (P)-Dissolved	mg/L							0.0229	0.0129
Potassium (K)-Dissolved	mg/L							0.356	0.37
Rubidium (Rb)-Dissolved	mg/L							0.000407	0.000483
Selenium (Se)-Dissolved	mg/L							<0.00004	<0.00004
Silicon (Si)-Dissolved	mg/L							2.99	2.79
Silver (Ag)-Dissolved	mg/L							<0.000005	<0.000005
Sodium (Na)-Dissolved	mg/L							1.24	1.15
Strontium (Sr)-Dissolved	mg/L				1.25			0.0213	0.0207
Sulphur (S)-Dissolved	mg/L							<3	<3
Tellurium (Te)-Dissolved	mg/L							<0.00002	<0.00002
Thallium (Tl)-Dissolved	mg/L							<0.000002	<0.000002
Thorium (Th)-Dissolved	mg/L							<0.000005	0.000008
Tin (Sn)-Dissolved	mg/L							<0.0002	<0.0002
Titanium (Ti)-Dissolved	mg/L							0.00078	0.00099
Uranium (U)-Dissolved	mg/L							0.000024	0.00003
Vanadium (V)-Dissolved	mg/L							0.0006	0.00062
Zinc (Zn)-Dissolved	mg/L	0.005423	0.009474					0.00105	0.00092
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.

[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. 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 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.

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Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	**SQU US 2025-12-16 13:54:00**	**SQU DS 2025-12-16 13:39:00**
Inorganics									
Organic Carbon (C)-Total	mg/L							2.9	2.9
Organic Carbon (C)-Dissolved	mg/L							2.6	2.6
Solids-Total Dissolved	mg/L							24	20
Solids-Total Suspended	mg/L	54	74					49	**79**

[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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[4] **Bold and shaded text** outlines a reportable exceedance given that it exceeds the applicable BC water quality guideline (i.e., the short-term acute freshwater aquatic life guideline), consistent with recommendations outlined in Hatfield (2024).

BCR Site Receiving Environment Field Notes and Logs

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-15 00:00:00	5.93	16.94	0.54	7.24	11.89	122.60	0.01
SQU-DS	2025-12-15 00:15:00	5.92	17.41	0.54	7.19	11.87	71.31	0.01
SQU-DS	2025-12-15 00:30:00	5.94	17.14	0.53	7.32	11.83	74.95	0.01
SQU-DS	2025-12-15 00:45:00	5.95	18.25	0.54	7.20	11.85	77.65	0.01
SQU-DS	2025-12-15 01:00:00	5.97	18.22	0.54	7.23	11.92	70.30	0.01
SQU-DS	2025-12-15 01:15:00	5.99	18.95	0.54	7.22	11.88	90.90	0.01
SQU-DS	2025-12-15 01:30:00	5.98	19.47	0.54	7.20	11.92	84.74	0.01
SQU-DS	2025-12-15 01:45:00	6.00	19.41	0.54	7.20	11.92	82.35	0.01
SQU-DS	2025-12-15 02:00:00	6.02	19.45	0.54	7.17	11.98	104.25	0.01
SQU-DS	2025-12-15 02:15:00	6.02	18.67	0.54	7.19	11.98	98.68	0.01
SQU-DS	2025-12-15 02:30:00	6.03	18.91	0.54	7.17	11.98	132.91	0.01
SQU-DS	2025-12-15 02:45:00	6.04	18.46	0.54	7.20	11.96	100.34	0.01
SQU-DS	2025-12-15 03:00:00	6.06	18.70	0.54	7.09	11.92	248.60	0.01
SQU-DS	2025-12-15 03:15:00	6.05	18.66	0.54	7.17	11.89	147.97	0.01
SQU-DS	2025-12-15 03:30:00	6.04	18.03	0.54	7.18	11.89	150.65	0.01
SQU-DS	2025-12-15 03:45:00	6.06	18.38	0.54	7.14	11.90	180.87	0.01
SQU-DS	2025-12-15 04:00:00	6.09	16.71	0.54	7.16	11.91	200.62	0.01
SQU-DS	2025-12-15 04:15:00	6.09	17.51	0.54	7.14	11.93	190.23	0.01
SQU-DS	2025-12-15 04:30:00	6.12	16.70	0.54	7.14	11.94	285.28	0.01
SQU-DS	2025-12-15 04:45:00	6.11	17.20	0.54	7.16	11.96	233.50	0.01
SQU-DS	2025-12-15 05:00:00	6.12	16.33	0.54	7.13	11.97	311.50	0.01
SQU-DS	2025-12-15 05:15:00	6.13	15.65	0.54	7.14	11.99	264.67	0.01
SQU-DS	2025-12-15 05:30:00	6.12	16.70	0.54	7.13	12.01	256.68	0.01
SQU-DS	2025-12-15 05:45:00	6.12	16.24	0.54	7.08	12.00	340.59	0.01
SQU-DS	2025-12-15 06:00:00	6.10	15.68	0.54	7.13	12.02	319.08	0.01
SQU-DS	2025-12-15 06:15:00	6.11	15.82	0.54	7.09	12.02	314.09	0.01
SQU-DS	2025-12-15 06:30:00	6.11	16.23	0.54	7.11	12.01	270.38	0.01
SQU-DS	2025-12-15 06:45:00	6.11	15.99	0.54	7.08	11.99	308.36	0.01
SQU-DS	2025-12-15 07:00:00	6.10	16.08	0.54	7.10	12.18	434.21	0.01
SQU-DS	2025-12-15 07:15:00	6.09	14.48	0.54	7.10	12.28	296.16	0.01
SQU-DS	2025-12-15 07:30:00	6.10	13.48	0.54	7.08	12.33	397.74	0.00
SQU-DS	2025-12-15 07:45:00	6.11	11.80	0.54	7.08	12.32	315.56	0.00
SQU-DS	2025-12-15 08:00:00	6.13	12.52	0.54	7.08	12.29	344.13	0.00
SQU-DS	2025-12-15 08:15:00	6.15	12.76	0.54	7.09	12.27	264.97	0.00
SQU-DS	2025-12-15 08:30:00	6.16	16.23	0.54	7.07	12.28	151.00	0.01
SQU-DS	2025-12-15 08:45:00	6.16	16.22	0.54	6.94	12.21	244.39	0.01
SQU-DS	2025-12-15 09:00:00	6.16	16.25	0.54	6.98	12.16	209.69	0.01
SQU-DS	2025-12-15 09:15:00	6.17	16.22	0.53	7.04	12.10	220.23	0.01
SQU-DS	2025-12-15 09:30:00	6.17	16.26	0.53	7.04	12.06	203.85	0.01
SQU-DS	2025-12-15 09:45:00	6.18	16.09	0.53	7.16	12.11	238.71	0.01
SQU-DS	2025-12-15 10:00:00	6.20	16.15	0.54	6.97	12.21	294.84	0.01
SQU-DS	2025-12-15 10:15:00	6.20	16.07	0.53	7.06	12.13	227.91	0.01
SQU-DS	2025-12-15 10:30:00	6.20	16.14	0.53	7.12	12.22	192.77	0.01
SQU-DS	2025-12-15 10:45:00	6.21	16.25	0.53	7.04	12.21	263.66	0.01
SQU-DS	2025-12-15 11:00:00	6.21	16.42	0.53	7.07	12.18	261.80	0.01
SQU-DS	2025-12-15 11:15:00	6.22	16.26	0.53	7.01	12.16	220.30	0.01
SQU-DS	2025-12-15 11:30:00	6.24	16.39	0.52	7.14	12.14	196.28	0.01
SQU-DS	2025-12-15 11:45:00	6.26	16.53	0.52	7.12	12.15	177.43	0.01
SQU-DS	2025-12-15 12:00:00	6.28	16.60	0.52	7.11	12.12	180.80	0.01
SQU-DS	2025-12-15 12:15:00	6.30	16.60	0.52	7.05	12.14	299.39	0.01
SQU-DS	2025-12-15 12:30:00	6.32	16.78	0.52	7.07	12.12	262.13	0.01
SQU-DS	2025-12-15 12:45:00	6.34	16.69	0.51	7.12	12.05	219.61	0.01
SQU-DS	2025-12-15 13:00:00	6.37	16.70	0.52	7.00	12.00	280.61	0.01
SQU-DS	2025-12-15 13:15:00	6.38	16.79	0.50	7.24	11.93	156.96	0.01
SQU-DS	2025-12-15 13:30:00	6.41	16.78	0.50	7.22	11.86	229.52	0.01

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-15 13:45:00	6.44	16.81	0.51	7.09	11.82	200.42	0.01
SQU-DS	2025-12-15 14:00:00	6.46	16.68	0.50	7.19	11.79	172.25	0.01
SQU-DS	2025-12-15 14:15:00	6.47	17.07	0.51	6.96	11.83	235.65	0.01
SQU-DS	2025-12-15 14:30:00	6.48	16.88	0.51	7.05	11.82	195.29	0.01
SQU-DS	2025-12-15 14:45:00	6.49	17.26	0.50	7.20	11.90	226.02	0.01
SQU-DS	2025-12-15 15:00:00	6.50	17.18	0.51	7.05	11.86	209.75	0.01
SQU-DS	2025-12-15 15:15:00	6.53	17.23	0.51	7.11	11.99	224.00	0.01
SQU-DS	2025-12-15 15:30:00	6.54	17.16	0.51	7.10	11.99	203.19	0.01
SQU-DS	2025-12-15 15:45:00	6.55	17.40	0.51	7.05	12.00	208.91	0.01
SQU-DS	2025-12-15 16:00:00	6.55	17.27	0.51	7.18	12.01	195.01	0.01
SQU-DS	2025-12-15 16:15:00	6.55	17.25	0.51	7.06	12.01	192.05	0.01
SQU-DS	2025-12-15 16:30:00	6.55	17.29	0.51	7.13	12.00	232.39	0.01
SQU-DS	2025-12-15 16:45:00	6.54	17.26	0.52	7.07	12.05	201.15	0.01
SQU-DS	2025-12-15 17:00:00	6.52	17.20	0.52	7.08	12.09	201.72	0.01
SQU-DS	2025-12-15 17:15:00	6.51	17.15	0.52	7.09	12.10	203.15	0.01
SQU-DS	2025-12-15 17:30:00	6.49	16.94	0.52	7.09	12.11	213.40	0.01
SQU-DS	2025-12-15 17:45:00	6.44	16.81	0.51	7.27	12.11	213.53	0.01
SQU-DS	2025-12-15 18:00:00	6.42	16.92	0.51	7.24	12.12	218.61	0.01
SQU-DS	2025-12-15 18:15:00	6.38	16.84	0.52	7.12	12.10	252.46	0.01
SQU-DS	2025-12-15 18:30:00	6.34	16.77	0.51	7.30	12.14	217.02	0.01
SQU-DS	2025-12-15 18:45:00	6.30	16.79	0.51	7.27	12.16	229.80	0.01
SQU-DS	2025-12-15 19:00:00	6.24	16.95	0.52	7.03	12.17	231.15	0.01
SQU-DS	2025-12-15 19:15:00	6.20	16.72	0.51	7.28	12.17	209.66	0.01
SQU-DS	2025-12-15 19:30:00	6.16	16.78	0.52	7.11	12.11	275.62	0.01
SQU-DS	2025-12-15 19:45:00	6.13	17.07	0.52	7.08	12.09	330.55	0.01
SQU-DS	2025-12-15 20:00:00	6.10	17.42	0.52	7.05	12.20	232.25	0.01
SQU-DS	2025-12-15 20:15:00	6.06	17.62	0.52	7.02	12.20	219.81	0.01
SQU-DS	2025-12-15 20:30:00	6.02	17.77	0.51	7.17	12.22	251.76	0.01
SQU-DS	2025-12-15 20:45:00	5.99	18.03	0.52	7.12	12.21	172.29	0.01
SQU-DS	2025-12-15 21:00:00	5.96	18.09	0.52	7.04	12.20	218.91	0.01
SQU-DS	2025-12-15 21:15:00	5.93	18.48	0.51	7.22	12.20	201.12	0.01
SQU-DS	2025-12-15 21:30:00	5.90	18.73	0.52	7.05	12.20	177.93	0.01
SQU-DS	2025-12-15 21:45:00	5.88	18.78	0.51	7.24	12.21	221.86	0.01
SQU-DS	2025-12-15 22:00:00	5.85	19.00	0.52	7.04	12.21	157.34	0.01
SQU-DS	2025-12-15 22:15:00	5.84	19.05	0.51	7.26	12.19	203.33	0.01
SQU-DS	2025-12-15 22:30:00	5.82	19.39	0.51	7.27	12.19	206.73	0.01
SQU-DS	2025-12-15 22:45:00	5.79	19.74	0.52	7.06	12.19	243.31	0.01
SQU-DS	2025-12-15 23:00:00	5.78	19.82	0.52	7.05	12.19	154.88	0.01
SQU-DS	2025-12-15 23:15:00	5.76	19.90	0.51	7.26	12.17	181.50	0.01
SQU-DS	2025-12-15 23:30:00	5.75	20.30	0.51	7.19	12.17	210.61	0.01
SQU-DS	2025-12-15 23:45:00	5.73	20.39	0.52	7.07	12.16	162.69	0.01
SQU-DS	2025-12-16 00:00:00	5.71	20.47	0.50	7.30	12.18	156.68	0.01
SQU-DS	2025-12-16 00:15:00	5.70	20.63	0.51	7.23	12.17	168.65	0.01
SQU-DS	2025-12-16 00:30:00	5.67	20.59	0.52	7.10	12.13	170.84	0.01
SQU-DS	2025-12-16 00:45:00	5.66	20.90	0.51	7.25	12.10	156.36	0.01
SQU-DS	2025-12-16 01:00:00	5.64	21.10	0.51	7.21	12.13	174.42	0.01
SQU-DS	2025-12-16 01:15:00	5.62	21.03	0.51	7.26	12.13	142.10	0.01
SQU-DS	2025-12-16 01:30:00	5.62	21.52	0.51	7.19	12.11	173.56	0.01
SQU-DS	2025-12-16 01:45:00	5.59	21.23	0.52	7.15	12.10	156.92	0.01
SQU-DS	2025-12-16 02:00:00	5.59	21.75	0.51	7.25	12.09	171.54	0.01
SQU-DS	2025-12-16 02:15:00	5.58	21.90	0.52	7.08	12.06	144.43	0.01
SQU-DS	2025-12-16 02:30:00	5.57	22.13	0.51	7.24	12.03	153.16	0.01
SQU-DS	2025-12-16 02:45:00	5.56	22.14	0.52	7.08	12.00	169.34	0.01
SQU-DS	2025-12-16 03:00:00	5.56	22.21	0.52	7.19	11.95	133.43	0.01
SQU-DS	2025-12-16 03:15:00	5.54	22.38	0.52	7.07	11.95	147.69	0.01

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-16 03:30:00	5.54	22.53	0.52	7.21	11.91	134.31	0.01
SQU-DS	2025-12-16 03:45:00	5.53	22.67	0.52	7.17	11.93	138.70	0.01
SQU-DS	2025-12-16 04:00:00	5.52	22.95	0.52	7.18	11.92	121.02	0.01
SQU-DS	2025-12-16 04:15:00	5.51	23.10	0.52	7.19	11.91	139.70	0.01
SQU-DS	2025-12-16 04:30:00	5.50	23.35	0.52	7.09	11.90	127.16	0.01
SQU-DS	2025-12-16 04:45:00	5.49	23.66	0.52	7.09	11.90	111.10	0.01
SQU-DS	2025-12-16 05:00:00	5.48	23.41	0.51	7.26	11.89	109.81	0.01
SQU-DS	2025-12-16 05:15:00	5.48	23.88	0.52	7.19	11.88	178.73	0.01
SQU-DS	2025-12-16 05:30:00	5.47	24.01	0.51	7.27	11.87	114.98	0.01
SQU-DS	2025-12-16 05:45:00	5.47	23.92	0.52	7.13	11.86	113.33	0.01
SQU-DS	2025-12-16 06:00:00	5.48	24.55	0.52	7.05	11.84	115.43	0.01
SQU-DS	2025-12-16 06:15:00	5.47	24.52	0.51	7.26	11.84	94.83	0.01
SQU-DS	2025-12-16 06:30:00	5.47	24.54	0.52	7.15	11.85	91.81	0.01
SQU-DS	2025-12-16 06:45:00	5.48	25.04	0.52	7.14	11.84	92.91	0.01
SQU-DS	2025-12-16 07:00:00	5.47	24.98	0.51	7.26	11.80	106.55	0.01
SQU-DS	2025-12-16 07:15:00	5.45	25.21	0.52	7.20	11.80	82.02	0.01
SQU-DS	2025-12-16 07:30:00	5.44	24.83	0.52	7.22	11.79	153.77	0.01
SQU-DS	2025-12-16 07:45:00	5.44	24.87	0.52	7.22	11.78	99.53	0.01
SQU-DS	2025-12-16 08:00:00	5.44	25.35	0.52	7.25	11.75	71.99	0.01
SQU-DS	2025-12-16 08:15:00	5.44	25.21	0.52	7.24	11.73	72.15	0.01
SQU-DS	2025-12-16 08:30:00	5.45	25.57	0.51	7.28	11.74	82.77	0.01
SQU-DS	2025-12-16 08:45:00	5.45	25.94	0.51	7.28	11.71	87.01	0.01
SQU-DS	2025-12-16 09:00:00	5.45	26.27	0.52	7.23	11.67	81.17	0.01
SQU-DS	2025-12-16 09:15:00	5.46	26.75	0.51	7.22	11.64	70.10	0.01
SQU-DS	2025-12-16 09:30:00	5.45	26.77	0.52	7.17	11.63	66.90	0.01
SQU-DS	2025-12-16 09:45:00	5.44	26.23	0.51	7.19	11.63	74.19	0.01
SQU-DS	2025-12-16 10:00:00	5.44	26.64	0.51	7.18	11.63	76.63	0.01
SQU-DS	2025-12-16 10:15:00	5.44	26.90	0.51	7.17	11.61	89.42	0.01
SQU-DS	2025-12-16 10:30:00	5.45	27.01	0.51	7.17	11.60	75.77	0.01
SQU-DS	2025-12-16 10:45:00	5.45	27.16	0.51	7.16	11.61	72.84	0.01
SQU-DS	2025-12-16 11:00:00	5.45	27.03	0.51	7.19	11.60	62.78	0.01
SQU-DS	2025-12-16 11:15:00	5.44	27.09	0.51	7.18	11.59	56.65	0.01
SQU-DS	2025-12-16 11:30:00	5.45	26.93	0.51	7.17	11.58	56.06	0.01
SQU-DS	2025-12-16 11:45:00	5.46	27.14	0.51	7.15	11.57	56.63	0.01
SQU-DS	2025-12-16 12:00:00	5.46	27.05	0.51	7.15	11.57	65.94	0.01
SQU-DS	2025-12-16 12:15:00	5.47	27.54	0.51	7.15	11.57	56.26	0.01
SQU-DS	2025-12-16 12:30:00	5.47	27.67	0.51	7.16	11.56	51.88	0.01
SQU-DS	2025-12-16 12:45:00	5.50	27.66	0.51	7.17	11.52	52.63	0.01
SQU-DS	2025-12-16 13:00:00	5.51	27.62	0.51	7.15	11.48	45.53	0.01
SQU-DS	2025-12-16 13:15:00	5.51	28.02	0.51	7.15	11.48	53.54	0.01
SQU-DS	2025-12-16 13:30:00	5.51	27.85	0.51	7.14	11.48	45.18	0.01
SQU-DS	2025-12-16 13:45:00	5.50	27.59	0.51	7.19	11.49	56.11	0.01
SQU-DS	2025-12-16 14:00:00	5.49	27.97	0.51	7.18	11.48	53.55	0.01
SQU-DS	2025-12-16 14:15:00	5.50	27.66	0.51	7.19	11.50	51.37	0.01
SQU-DS	2025-12-16 14:30:00	5.49	27.71	0.51	7.20	11.47	52.08	0.01
SQU-DS	2025-12-16 14:45:00	5.50	28.20	0.51	7.16	11.45	54.20	0.01
SQU-DS	2025-12-16 15:00:00	5.49	28.07	0.51	7.19	11.45	51.32	0.01
SQU-DS	2025-12-16 15:15:00	5.48	28.21	0.51	7.18	11.43	37.57	0.01
SQU-DS	2025-12-16 15:30:00	5.49	28.70	0.51	7.17	11.41	50.54	0.01
SQU-DS	2025-12-16 15:45:00	5.50	28.84	0.51	7.18	11.42	49.89	0.01
SQU-DS	2025-12-16 16:00:00	5.50	28.75	0.51	7.18	11.41	57.04	0.01
SQU-DS	2025-12-16 16:15:00	5.50	28.89	0.51	7.18	11.39	47.30	0.01
SQU-DS	2025-12-16 16:30:00	5.49	28.21	0.51	7.19	11.39	39.82	0.01
SQU-DS	2025-12-16 16:45:00	5.49	28.62	0.51	7.19	11.38	48.26	0.01
SQU-DS	2025-12-16 17:00:00	5.48	28.32	0.51	7.19	11.37	47.94	0.01

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-16 17:15:00	5.50	28.72	0.52	7.17	11.37	40.25	0.01
SQU-DS	2025-12-16 17:30:00	5.50	28.99	0.52	7.19	11.36	48.86	0.01
SQU-DS	2025-12-16 17:45:00	5.50	28.09	0.52	7.18	11.36	46.46	0.01
SQU-DS	2025-12-16 18:00:00	5.52	29.41	0.52	7.16	11.34	68.19	0.01
SQU-DS	2025-12-16 18:15:00	5.52	29.06	0.52	7.16	11.33	44.99	0.01
SQU-DS	2025-12-16 18:30:00	5.53	29.06	0.52	7.18	11.32	56.68	0.01
SQU-DS	2025-12-16 18:45:00	5.53	29.31	0.52	7.15	11.32	45.53	0.01
SQU-DS	2025-12-16 19:00:00	5.54	28.94	0.52	7.14	11.30	35.58	0.01
SQU-DS	2025-12-16 19:15:00	5.55	29.67	0.52	7.16	11.30	49.29	0.01
SQU-DS	2025-12-16 19:30:00	5.55	29.62	0.52	7.18	11.28	40.16	0.01
SQU-DS	2025-12-16 19:45:00	5.56	29.17	0.52	7.19	11.29	35.37	0.01
SQU-DS	2025-12-16 20:00:00	5.57	29.81	0.52	7.15	11.27	46.38	0.01
SQU-DS	2025-12-16 20:15:00	5.57	29.36	0.52	7.17	11.27	49.66	0.01
SQU-DS	2025-12-16 20:30:00	5.57	29.35	0.52	7.17	11.27	36.32	0.01
SQU-DS	2025-12-16 20:45:00	5.58	30.10	0.52	7.16	11.27	34.11	0.01
SQU-DS	2025-12-16 21:00:00	5.59	30.14	0.52	7.20	11.27	44.04	0.01
SQU-DS	2025-12-16 21:15:00	5.59	29.87	0.52	7.18	11.27	29.41	0.01
SQU-DS	2025-12-16 21:30:00	5.59	29.71	0.52	7.20	11.28	36.17	0.01
SQU-DS	2025-12-16 21:45:00	5.60	29.64	0.52	7.19	11.30	34.74	0.01
SQU-DS	2025-12-16 22:00:00	5.59	29.55	0.52	7.21	11.31	36.42	0.01
SQU-DS	2025-12-16 22:15:00	5.60	29.25	0.52	7.21	11.35	43.22	0.01
SQU-DS	2025-12-16 22:30:00	5.60	28.86	0.52	7.22	11.35	36.99	0.01
SQU-DS	2025-12-16 22:45:00	5.60	29.29	0.52	7.19	11.36	39.00	0.01
SQU-DS	2025-12-16 23:00:00	5.60	28.96	0.52	7.20	11.37	35.64	0.01
SQU-DS	2025-12-16 23:15:00	5.59	28.39	0.52	7.20	11.39	29.38	0.01
SQU-DS	2025-12-16 23:30:00	5.59	28.96	0.52	7.20	11.46	30.77	0.01
SQU-DS	2025-12-16 23:45:00	5.60	28.83	0.52	7.21	11.48	40.00	0.01
SQU-DS	2025-12-17 00:00:00	5.61	28.76	0.52	7.21	11.49	44.26	0.01
SQU-DS	2025-12-17 00:15:00	5.60	28.50	0.52	7.19	11.49	37.41	0.01
SQU-DS	2025-12-17 00:30:00	5.61	28.70	0.52	7.20	11.48	43.95	0.01
SQU-DS	2025-12-17 00:45:00	5.62	28.75	0.52	7.21	11.48	52.37	0.01
SQU-DS	2025-12-17 01:00:00	5.62	28.00	0.52	7.21	11.48	29.08	0.01
SQU-DS	2025-12-17 01:15:00	5.63	28.57	0.52	7.17	11.48	46.53	0.01
SQU-DS	2025-12-17 01:30:00	5.62	28.59	0.52	7.19	11.47	43.55	0.01
SQU-DS	2025-12-17 01:45:00	5.61	28.49	0.52	7.18	11.47	27.98	0.01
SQU-DS	2025-12-17 02:00:00	5.60	27.85	0.52	7.19	11.50	29.08	0.01
SQU-DS	2025-12-17 02:15:00	5.60	28.14	0.52	7.20	11.49	30.16	0.01
SQU-DS	2025-12-17 02:30:00	5.60	28.15	0.52	7.20	11.49	35.56	0.01
SQU-DS	2025-12-17 02:45:00	5.60	27.59	0.52	7.19	11.48	29.82	0.01
SQU-DS	2025-12-17 03:00:00	5.60	27.66	0.52	7.19	11.50	34.99	0.01
SQU-DS	2025-12-17 03:15:00	5.61	27.76	0.53	7.17	11.50	29.61	0.01
SQU-DS	2025-12-17 03:30:00	5.61	27.60	0.53	7.18	11.49	26.64	0.01
SQU-DS	2025-12-17 03:45:00	5.62	27.51	0.53	7.19	11.51	35.63	0.01
SQU-DS	2025-12-17 04:00:00	5.62	27.70	0.53	7.20	11.50	30.40	0.01
SQU-DS	2025-12-17 04:15:00	5.62	27.75	0.53	7.20	11.52	39.18	0.01
SQU-DS	2025-12-17 04:30:00	5.61	27.53	0.53	7.18	11.52	31.83	0.01
SQU-DS	2025-12-17 04:45:00	5.60	27.39	0.53	7.19	11.55	24.54	0.01
SQU-DS	2025-12-17 05:00:00	5.60	27.63	0.53	7.18	11.55	21.64	0.01
SQU-DS	2025-12-17 05:15:00	5.58	27.34	0.53	7.19	11.57	27.17	0.01
SQU-DS	2025-12-17 05:30:00	5.56	27.31	0.53	7.21	11.57	25.61	0.01
SQU-DS	2025-12-17 05:45:00	5.54	27.44	0.53	7.22	11.59	24.45	0.01
SQU-DS	2025-12-17 06:00:00	5.52	27.37	0.53	7.22	11.60	26.73	0.01
SQU-DS	2025-12-17 06:15:00	5.50	27.35	0.53	7.23	11.61	28.72	0.01
SQU-DS	2025-12-17 06:30:00	5.48	27.16	0.53	7.22	11.64	37.83	0.01
SQU-DS	2025-12-17 06:45:00	5.46	27.20	0.53	7.22	11.62	31.37	0.01

Squamish River								
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**	**Salinity (PSU)**
SQU-DS	2025-12-17 07:00:00	5.44	27.46	0.53	7.20	11.64	35.52	0.01
SQU-DS	2025-12-17 07:15:00	5.42	27.01	0.53	7.19	11.63	29.04	0.01
SQU-DS	2025-12-17 07:30:00	5.39	27.32	0.53	7.21	11.64	31.74	0.01
SQU-DS	2025-12-17 07:45:00	5.37	27.21	0.53	7.21	11.65	28.32	0.01
SQU-DS	2025-12-17 08:00:00	5.36	27.74	0.53	7.19	11.65	29.80	0.01
SQU-DS	2025-12-17 08:15:00	5.34	27.67	0.53	7.19	11.65	23.32	0.01
SQU-DS	2025-12-17 08:30:00	5.31	27.52	0.53	7.18	11.65	45.51	0.01
SQU-DS	2025-12-17 08:45:00	5.27	27.18	0.53	7.19	11.65	28.91	0.01
SQU-DS	2025-12-17 09:00:00	5.25	28.01	0.53	7.17	11.65	27.32	0.01
SQU-DS	2025-12-17 09:15:00	5.23	28.01	0.53	7.17	11.65	20.39	0.01
SQU-DS	2025-12-17 09:30:00	5.21	27.70	0.52	7.17	11.66	27.47	0.01
SQU-DS	2025-12-17 09:45:00	5.20	28.73	0.52	7.18	11.64	46.46	0.01
SQU-DS	2025-12-17 10:00:00	5.17	27.76	0.52	7.17	11.64	31.59	0.01
SQU-DS	2025-12-17 10:15:00	5.16	28.66	0.52	7.15	11.63	27.36	0.01
SQU-DS	2025-12-17 10:30:00	5.16	28.39	0.51	7.17	11.65	35.36	0.01
SQU-DS	2025-12-17 10:45:00	5.15	28.26	0.51	7.18	11.64	36.92	0.01
SQU-DS	2025-12-17 11:00:00	5.16	28.40	0.51	7.15	11.64	27.43	0.01
SQU-DS	2025-12-17 11:15:00	5.17	28.65	0.51	7.16	11.63	31.86	0.01
SQU-DS	2025-12-17 11:30:00	5.18	28.74	0.51	7.16	11.62	29.81	0.01
SQU-DS	2025-12-17 11:45:00	5.19	28.92	0.50	7.18	11.61	28.08	0.01
SQU-DS	2025-12-17 12:00:00	5.20	29.47	0.50	7.19	11.65	10.70	0.01
SQU-DS	2025-12-17 12:15:00	5.21	29.68	0.51	7.21	11.64	4.50	0.01
SQU-DS	2025-12-17 12:30:00	5.23	29.73	0.51	7.24	11.60	0.00	0.01
SQU-DS	2025-12-17 12:45:00	5.24	29.05	0.52	7.25	11.58	0.00	0.01
SQU-DS	2025-12-17 13:00:00	5.26	28.55	0.53	7.25	11.56	0.00	0.01
SQU-DS	2025-12-17 13:15:00	5.28	28.24	0.53	7.23	11.53	0.00	0.01
SQU-DS	2025-12-17 13:30:00	5.27	27.18	0.54	7.24	11.50	0.00	0.01
SQU-DS	2025-12-17 13:45:00	5.27	26.49	0.54	7.24	11.48	0.00	0.01
SQU-DS	2025-12-17 14:00:00	5.27	25.92	0.54	7.23	11.46	0.00	0.01
SQU-DS	2025-12-17 14:15:00	5.26	25.22	0.54	7.24	11.43	0.00	0.01
SQU-DS	2025-12-17 14:30:00	5.27	24.82	0.55	7.23	11.40	0.00	0.01
SQU-DS	2025-12-17 14:45:00	5.27	24.28	0.55	7.24	11.37	0.00	0.01
SQU-DS	2025-12-17 15:00:00	5.27	23.48	0.55	7.24	11.33	0.00	0.01
SQU-DS	2025-12-17 15:15:00	5.26	22.70	0.55	7.22	11.30	0.44	0.01
SQU-DS	2025-12-17 15:30:00	5.27	21.82	0.55	7.22	11.25	0.00	0.01
SQU-DS	2025-12-17 15:45:00	5.28	21.68	0.55	7.21	11.21	0.00	0.01
SQU-DS	2025-12-17 16:00:00	5.28	21.10	0.55	7.21	11.16	0.00	0.01
SQU-DS	2025-12-17 16:15:00	5.28	20.49	0.55	7.19	11.12	10.56	0.01
SQU-DS	2025-12-17 16:30:00	5.28	19.99	0.55	7.13	11.11	7.24	0.01
SQU-DS	2025-12-17 16:45:00	5.27	19.43	0.55	7.10	11.10	10.68	0.01
SQU-DS	2025-12-17 17:00:00	5.28	19.27	0.55	7.10	11.10	3.96	0.01
SQU-DS	2025-12-17 17:15:00	5.28	18.43	0.55	7.06	11.11	17.94	0.01
SQU-DS	2025-12-17 17:30:00	5.30	18.26	0.55	7.06	11.11	13.58	0.01
SQU-DS	2025-12-17 17:45:00	5.30	17.90	0.55	7.05	11.12	13.22	0.01
SQU-DS	2025-12-17 18:00:00	5.31	17.83	0.55	7.04	11.11	16.71	0.01
SQU-DS	2025-12-17 18:15:00	5.30	17.60	0.55	7.03	11.10	11.50	0.01
SQU-DS	2025-12-17 18:30:00	5.31	17.50	0.55	7.02	11.14	14.26	0.01
SQU-DS	2025-12-17 18:45:00	5.31	17.44	0.55	7.01	11.17	15.07	0.01
SQU-DS	2025-12-17 19:00:00	5.31	17.57	0.55	7.00	11.16	19.65	0.01
SQU-DS	2025-12-17 19:15:00	5.30	17.53	0.55	7.01	11.14	42.68	0.01
SQU-DS	2025-12-17 19:30:00	5.30	17.60	0.54	7.01	11.15	21.87	0.01
SQU-DS	2025-12-17 19:45:00	5.30	17.77	0.54	7.00	11.15	24.31	0.01
SQU-DS	2025-12-17 20:00:00	5.29	17.69	0.54	7.01	11.15	21.45	0.01
SQU-DS	2025-12-17 20:15:00	5.30	17.81	0.54	7.00	11.16	15.29	0.01
SQU-DS	2025-12-17 20:30:00	5.29	17.94	0.54	7.01	11.16	701.38	0.01

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-17 20:45:00	5.29	18.18	0.54	7.01	11.14	47.03	0.01
SQU-DS	2025-12-17 21:00:00	5.28	18.23	0.54	7.00	11.13	271.45	0.01
SQU-DS	2025-12-17 21:15:00	5.28	18.29	0.54	7.02	11.11	291.31	0.01
SQU-DS	2025-12-17 21:30:00	5.27	18.30	0.54	7.00	11.07	177.37	0.01
SQU-DS	2025-12-17 21:45:00	5.27	18.32	0.54	7.01	11.05	167.61	0.01
SQU-DS	2025-12-17 22:00:00	5.27	18.53	0.54	7.01	11.02	59.79	0.01
SQU-DS	2025-12-17 22:15:00	5.25	18.60	0.54	7.01	11.01	68.77	0.01
SQU-DS	2025-12-17 22:30:00	5.25	18.74	0.54	7.01	11.01	261.51	0.01
SQU-DS	2025-12-17 22:45:00	5.24	18.87	0.54	7.02	11.01	103.36	0.01
SQU-DS	2025-12-17 23:00:00	5.23	18.95	0.54	7.03	11.00	119.10	0.01
SQU-DS	2025-12-17 23:15:00	5.22	19.06	0.54	7.02	11.00	205.87	0.01
SQU-DS	2025-12-17 23:30:00	5.22	19.14	0.54	7.02	10.98	228.45	0.01
SQU-DS	2025-12-17 23:45:00	5.21	19.32	0.54	7.02	10.97	298.45	0.01
SQU-DS	2025-12-18 00:00:00	5.21	19.51	0.54	7.02	10.98	241.34	0.01
SQU-DS	2025-12-18 00:15:00	5.19	19.59	0.54	7.02	10.97	92.50	0.01
SQU-DS	2025-12-18 00:30:00	5.19	19.78	0.54	7.02	10.97	93.37	0.01
SQU-DS	2025-12-18 00:45:00	5.18	19.74	0.54	7.03	10.97	169.51	0.01
SQU-DS	2025-12-18 01:00:00	5.18	19.91	0.54	7.04	10.96	101.86	0.01
SQU-DS	2025-12-18 01:15:00	5.17	20.07	0.54	7.04	10.96	81.54	0.01
SQU-DS	2025-12-18 01:30:00	5.16	20.26	0.54	7.04	10.97	105.80	0.01
SQU-DS	2025-12-18 01:45:00	5.16	20.33	0.54	7.03	10.96	263.92	0.01
SQU-DS	2025-12-18 02:00:00	5.14	20.51	0.54	7.06	10.96	99.59	0.01
SQU-DS	2025-12-18 02:15:00	5.13	20.43	0.54	7.05	10.97	25.52	0.01
SQU-DS	2025-12-18 02:30:00	5.13	20.48	0.54	7.06	10.96	19.03	0.01
SQU-DS	2025-12-18 02:45:00	5.12	20.71	0.54	7.07	10.97	19.13	0.01
SQU-DS	2025-12-18 03:00:00	5.10	20.64	0.54	7.08	10.97	17.02	0.01
SQU-DS	2025-12-18 03:15:00	5.09	20.62	0.54	7.10	10.96	15.30	0.01
SQU-DS	2025-12-18 03:30:00	5.07	20.31	0.54	7.12	10.97	13.95	0.01
SQU-DS	2025-12-18 03:45:00	5.07	20.17	0.54	7.14	10.97	11.67	0.01
SQU-DS	2025-12-18 04:00:00	5.04	19.85	0.54	7.14	10.97	5.47	0.01
SQU-DS	2025-12-18 04:15:00	5.03	19.70	0.54	7.16	10.96	4.61	0.01
SQU-DS	2025-12-18 04:30:00	5.01	19.57	0.54	7.17	10.96	4.45	0.01
SQU-DS	2025-12-18 04:45:00	5.00	19.40	0.54	7.19	10.93	2.46	0.01
SQU-DS	2025-12-18 05:00:00	4.99	19.27	0.54	7.20	10.91	0.49	0.01
SQU-DS	2025-12-18 05:15:00	4.98	19.04	0.54	7.20	10.88	0.00	0.01
SQU-DS	2025-12-18 05:30:00	4.97	18.93	0.55	7.21	10.82	0.00	0.01
SQU-DS	2025-12-18 05:45:00	4.95	18.85	0.55	7.21	10.78	0.00	0.01
SQU-DS	2025-12-18 06:00:00	4.95	18.83	0.55	7.22	10.74	0.00	0.01
SQU-DS	2025-12-18 06:15:00	4.94	18.78	0.55	7.22	10.72	0.00	0.01
SQU-DS	2025-12-18 06:30:00	4.93	18.75	0.55	7.21	10.70	0.00	0.01
SQU-DS	2025-12-18 06:45:00	4.92	18.74	0.55	7.21	10.69	0.00	0.01
SQU-DS	2025-12-18 07:00:00	4.91	18.66	0.55	7.21	10.67	0.00	0.01
SQU-DS	2025-12-18 07:15:00	4.91	18.65	0.55	7.21	10.66	0.00	0.01
SQU-DS	2025-12-18 07:30:00	4.91	18.65	0.55	7.21	10.65	0.00	0.01
SQU-DS	2025-12-18 07:45:00	4.91	18.63	0.55	7.20	10.65	0.00	0.01
SQU-DS	2025-12-18 08:00:00	4.91	18.67	0.55	7.19	10.63	0.00	0.01
SQU-DS	2025-12-18 08:15:00	4.91	18.69	0.55	7.19	10.61	0.00	0.01
SQU-DS	2025-12-18 08:30:00	4.91	18.72	0.55	7.18	10.60	0.00	0.01
SQU-DS	2025-12-18 08:45:00	4.91	18.75	0.55	7.18	10.57	0.00	0.01
SQU-DS	2025-12-18 09:00:00	4.90	18.76	0.55	7.16	10.57	7.56	0.01
SQU-DS	2025-12-18 09:15:00	4.91	18.80	0.55	7.15	10.56	6.18	0.01
SQU-DS	2025-12-18 09:30:00	4.90	18.78	0.56	7.10	10.56	11.57	0.01
SQU-DS	2025-12-18 09:45:00	4.90	18.85	0.56	7.09	10.57	11.55	0.01
SQU-DS	2025-12-18 10:00:00	4.89	18.86	0.56	7.07	10.60	10.16	0.01
SQU-DS	2025-12-18 10:15:00	4.90	18.93	0.56	7.06	10.64	13.73	0.01

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-18 10:30:00	4.90	18.90	0.56	7.05	10.65	13.11	0.01
SQU-DS	2025-12-18 10:45:00	4.89	18.92	0.56	7.05	10.67	18.25	0.01
SQU-DS	2025-12-18 11:00:00	4.88	18.95	0.56	7.04	10.67	22.00	0.01
SQU-DS	2025-12-18 11:15:00	4.88	18.98	0.56	7.03	10.68	17.32	0.01
SQU-DS	2025-12-18 11:30:00	4.87	19.00	0.56	7.03	10.68	14.72	0.01
SQU-DS	2025-12-18 11:45:00	4.88	19.05	0.56	7.04	10.68	14.95	0.01
SQU-DS	2025-12-18 12:00:00	4.89	19.11	0.56	7.02	10.67	20.46	0.01
SQU-DS	2025-12-18 12:15:00	4.86	19.10	0.56	7.03	10.68	12.32	0.01
SQU-DS	2025-12-18 12:30:00	4.86	19.13	0.56	7.02	10.68	9.70	0.01
SQU-DS	2025-12-18 12:45:00	4.86	19.14	0.56	7.03	10.68	15.93	0.01
SQU-DS	2025-12-18 13:00:00	4.85	19.10	0.56	7.03	10.68	9.86	0.01
SQU-DS	2025-12-18 13:15:00	4.85	19.18	0.56	7.05	10.67	10.01	0.01
SQU-DS	2025-12-18 13:30:00	4.83	19.15	0.56	7.07	10.66	3.70	0.01
SQU-DS	2025-12-18 13:45:00	4.82	19.17	0.56	7.08	10.65	6.76	0.01
SQU-DS	2025-12-18 14:00:00	4.80	19.16	0.56	7.07	10.65	3.89	0.01
SQU-DS	2025-12-18 14:15:00	4.80	19.23	0.56	7.08	10.63	0.10	0.01
SQU-DS	2025-12-18 14:30:00	4.78	19.19	0.56	7.11	10.62	0.00	0.01
SQU-DS	2025-12-18 14:45:00	4.77	19.23	0.56	7.12	10.63	0.00	0.01
SQU-DS	2025-12-18 15:00:00	4.76	19.25	0.56	7.12	10.63	0.00	0.01
SQU-DS	2025-12-18 15:15:00	4.75	19.27	0.56	7.13	10.63	0.00	0.01
SQU-DS	2025-12-18 15:30:00	4.73	19.30	0.56	7.13	10.63	0.00	0.01
SQU-DS	2025-12-18 15:45:00	4.71	19.29	0.56	7.14	10.62	0.00	0.01
SQU-DS	2025-12-18 16:00:00	4.71	19.29	0.56	7.14	10.61	0.00	0.01
SQU-DS	2025-12-18 16:15:00	4.71	19.33	0.56	7.14	10.60	0.00	0.01
SQU-DS	2025-12-18 16:30:00	4.69	19.31	0.56	7.14	10.59	0.19	0.01
SQU-DS	2025-12-18 16:45:00	4.68	19.32	0.56	7.13	10.56	7.12	0.01
SQU-DS	2025-12-18 17:00:00	4.69	19.35	0.56	7.11	10.55	20.64	0.01
SQU-DS	2025-12-18 17:15:00	4.67	19.34	0.56	7.08	10.55	19.08	0.01
SQU-DS	2025-12-18 17:30:00	4.67	19.36	0.56	7.05	10.55	13.80	0.01
SQU-DS	2025-12-18 17:45:00	4.66	19.35	0.56	7.02	10.54	18.18	0.01
SQU-DS	2025-12-18 18:00:00	4.64	19.52	0.56	7.01	10.53	17.19	0.01
SQU-DS	2025-12-18 18:15:00	4.67	19.71	0.56	7.00	10.54	15.62	0.01
SQU-DS	2025-12-18 18:30:00	4.66	19.99	0.56	7.00	10.56	15.53	0.01
SQU-DS	2025-12-18 18:45:00	4.69	20.36	0.56	6.99	10.55	14.91	0.01
SQU-DS	2025-12-18 19:00:00	4.69	20.46	0.56	7.00	10.56	16.19	0.01
SQU-DS	2025-12-18 19:15:00	4.70	20.82	0.56	6.99	10.57	15.42	0.01
SQU-DS	2025-12-18 19:30:00	4.68	21.11	0.56	7.01	10.59	15.13	0.01
SQU-DS	2025-12-18 19:45:00	4.70	21.23	0.56	7.00	10.61	16.14	0.01
SQU-DS	2025-12-18 20:00:00	4.70	21.17	0.55	7.01	10.60	16.22	0.01
SQU-DS	2025-12-18 20:15:00	4.70	21.29	0.55	7.00	10.62	15.82	0.01
SQU-DS	2025-12-18 20:30:00	4.71	21.53	0.55	7.04	10.64	14.23	0.01
SQU-DS	2025-12-18 20:45:00	4.71	21.99	0.55	6.97	10.66	16.86	0.01
SQU-DS	2025-12-18 21:00:00	4.72	21.91	0.55	7.01	10.68	19.60	0.01
SQU-DS	2025-12-18 21:15:00	4.71	22.09	0.55	7.03	10.69	13.48	0.01
SQU-DS	2025-12-18 21:30:00	4.72	22.72	0.54	7.04	10.72	18.29	0.01
SQU-DS	2025-12-18 21:45:00	4.72	22.84	0.54	7.05	10.73	15.51	0.01
SQU-DS	2025-12-18 22:00:00	4.71	23.39	0.54	7.08	10.76	13.43	0.01
SQU-DS	2025-12-18 22:15:00	4.72	23.57	0.54	7.07	10.77	15.99	0.01
SQU-DS	2025-12-18 22:30:00	4.71	23.45	0.54	7.05	10.78	16.06	0.01
SQU-DS	2025-12-18 22:45:00	4.72	23.55	0.54	7.07	10.79	13.63	0.01
SQU-DS	2025-12-18 23:00:00	4.72	23.34	0.54	7.06	10.79	13.41	0.01
SQU-DS	2025-12-18 23:15:00	4.72	24.08	0.54	7.05	10.82	13.49	0.01
SQU-DS	2025-12-18 23:30:00	4.72	24.00	0.54	7.02	10.83	12.87	0.01
SQU-DS	2025-12-18 23:45:00	4.71	24.61	0.54	7.06	10.85	16.74	0.01
SQU-DS	2025-12-19 00:00:00	4.70	25.11	0.54	7.07	10.89	10.91	0.01

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-19 00:15:00	4.69	25.57	0.54	7.02	10.90	14.34	0.01
SQU-DS	2025-12-19 00:30:00	4.68	25.65	0.54	7.10	10.93	14.08	0.01
SQU-DS	2025-12-19 00:45:00	4.65	25.82	0.54	7.06	10.97	17.84	0.01
SQU-DS	2025-12-19 01:00:00	4.64	25.99	0.53	7.11	10.99	14.54	0.01
SQU-DS	2025-12-19 01:15:00	4.63	26.43	0.54	7.07	11.02	12.35	0.01
SQU-DS	2025-12-19 01:30:00	4.61	27.00	0.54	7.07	11.05	16.85	0.01
SQU-DS	2025-12-19 01:45:00	4.60	27.92	0.53	7.06	11.08	12.12	0.01
SQU-DS	2025-12-19 02:00:00	4.58	28.54	0.53	7.10	11.10	12.15	0.01
SQU-DS	2025-12-19 02:15:00	4.57	28.69	0.53	7.08	11.18	12.54	0.01
SQU-DS	2025-12-19 02:30:00	4.55	28.38	0.53	7.09	11.21	13.10	0.01
SQU-DS	2025-12-19 02:45:00	4.54	28.85	0.53	7.09	11.24	14.20	0.01
SQU-DS	2025-12-19 03:00:00	4.52	28.60	0.53	7.08	11.26	13.60	0.01
SQU-DS	2025-12-19 03:15:00	4.50	28.46	0.53	7.07	11.28	12.38	0.01
SQU-DS	2025-12-19 03:30:00	4.48	28.93	0.53	7.10	11.30	14.55	0.01
SQU-DS	2025-12-19 03:45:00	4.46	28.41	0.53	7.06	11.29	13.84	0.01
SQU-DS	2025-12-19 04:00:00	4.44	28.03	0.53	7.10	11.32	11.92	0.01
SQU-DS	2025-12-19 04:15:00	4.42	27.51	0.53	7.12	11.31	15.93	0.01
SQU-DS	2025-12-19 04:30:00	4.41	26.74	0.53	7.14	11.27	18.30	0.01
SQU-DS	2025-12-19 04:45:00	4.38	26.81	0.54	7.14	11.26	30.08	0.01
SQU-DS	2025-12-19 05:00:00	4.35	26.26	0.54	7.17	11.24	5.39	0.01
SQU-DS	2025-12-19 05:15:00	4.33	25.99	0.54	7.18	11.22	3.03	0.01
SQU-DS	2025-12-19 05:30:00	4.31	25.36	0.54	7.19	11.18	1.01	0.01
SQU-DS	2025-12-19 05:45:00	4.30	25.00	0.54	7.19	11.13	0.00	0.01
SQU-DS	2025-12-19 06:00:00	4.29	24.52	0.54	7.20	11.10	0.19	0.01
SQU-DS	2025-12-19 06:15:00	4.27	24.42	0.55	7.19	11.08	0.00	0.01
SQU-DS	2025-12-19 06:30:00	4.26	24.30	0.55	7.19	11.06	0.00	0.01
SQU-DS	2025-12-19 06:45:00	4.26	24.15	0.55	7.19	11.05	0.00	0.01
SQU-DS	2025-12-19 07:00:00	4.26	24.41	0.55	7.18	11.05	0.00	0.01
SQU-DS	2025-12-19 07:15:00	4.26	24.37	0.55	7.20	11.04	0.00	0.01
SQU-DS	2025-12-19 07:30:00	4.26	24.33	0.55	7.18	11.03	0.00	0.01
SQU-DS	2025-12-19 07:45:00	4.26	24.34	0.55	7.17	11.03	0.00	0.01
SQU-DS	2025-12-19 08:00:00	4.26	24.29	0.56	7.17	11.02	0.00	0.01
SQU-DS	2025-12-19 08:15:00	4.27	24.33	0.56	7.16	11.01	0.00	0.01
SQU-DS	2025-12-19 08:30:00	4.28	24.32	0.56	7.15	10.99	0.00	0.01
SQU-DS	2025-12-19 08:45:00	4.29	24.48	0.56	7.14	10.98	0.00	0.01
SQU-DS	2025-12-19 09:00:00	4.30	24.59	0.56	7.13	10.96	0.00	0.01
SQU-DS	2025-12-19 09:15:00	4.31	24.61	0.56	7.11	10.94	0.00	0.01
SQU-DS	2025-12-19 09:30:00	4.33	24.54	0.56	7.08	10.93	0.72	0.01
SQU-DS	2025-12-19 09:45:00	4.35	24.63	0.56	7.06	10.92	10.81	0.01
SQU-DS	2025-12-19 10:00:00	4.37	24.85	0.56	7.05	10.93	15.03	0.01
SQU-DS	2025-12-19 10:15:00	4.38	24.61	0.55	7.03	10.92	9.18	0.01
SQU-DS	2025-12-19 10:30:00	4.40	24.43	0.55	7.00	10.91	12.73	0.01
SQU-DS	2025-12-19 10:45:00	4.41	25.75	0.55	7.00	10.90	14.86	0.01
SQU-DS	2025-12-19 11:00:00	4.44	25.31	0.55	6.99	10.89	12.65	0.01
SQU-DS	2025-12-19 11:15:00	4.42	25.31	0.55	6.98	10.89	15.89	0.01
SQU-DS	2025-12-19 11:30:00	4.44	25.74	0.54	6.99	10.89	13.34	0.01
SQU-DS	2025-12-19 11:45:00	4.46	26.13	0.54	6.99	10.89	11.60	0.01
SQU-DS	2025-12-19 12:00:00	4.44	26.50	0.54	7.00	10.89	14.46	0.01
SQU-DS	2025-12-19 12:15:00	4.46	26.76	0.54	6.99	10.89	12.22	0.01
SQU-DS	2025-12-19 12:30:00	4.47	26.71	0.54	6.99	10.89	18.49	0.01
SQU-DS	2025-12-19 12:45:00	4.47	26.59	0.54	7.00	10.89	11.85	0.01
SQU-DS	2025-12-19 13:00:00	4.48	26.13	0.54	7.00	10.89	18.28	0.01
SQU-DS	2025-12-19 13:15:00	4.49	26.85	0.54	7.00	10.89	19.93	0.01
SQU-DS	2025-12-19 13:30:00	4.51	26.54	0.54	7.01	10.88	14.33	0.01
SQU-DS	2025-12-19 13:45:00	4.52	26.50	0.54	7.01	10.87	14.07	0.01

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-19 14:00:00	4.54	26.42	0.54	7.02	10.86	11.31	0.01
SQU-DS	2025-12-19 14:15:00	4.53	26.17	0.54	7.02	10.86	12.15	0.01
SQU-DS	2025-12-19 14:30:00	4.55	26.28	0.54	7.02	10.86	16.09	0.01
SQU-DS	2025-12-19 14:45:00	4.55	26.17	0.54	7.03	10.84	19.06	0.01
SQU-DS	2025-12-19 15:00:00	4.56	26.13	0.54	7.04	10.84	17.47	0.01
SQU-DS	2025-12-19 15:15:00	4.56	26.01	0.54	7.04	10.84	15.64	0.01
SQU-DS	2025-12-19 15:30:00	4.57	25.97	0.54	7.05	10.82	11.10	0.01
SQU-DS	2025-12-19 15:45:00	4.58	25.97	0.54	7.05	10.80	16.06	0.01
SQU-DS	2025-12-19 16:00:00	4.56	41.08	0.54	7.05	11.33	8.55	0.02
SQU-DS	2025-12-19 16:15:00	4.56	41.33	0.54	7.07	11.34	10.54	0.02
SQU-DS	2025-12-19 16:30:00	4.57	41.36	0.54	7.06	11.32	13.18	0.02
SQU-DS	2025-12-19 16:45:00	4.57	41.25	0.54	7.09	11.31	10.91	0.02
SQU-DS	2025-12-19 17:00:00	4.58	41.48	0.54	7.09	11.30	12.97	0.02
SQU-DS	2025-12-19 17:15:00	4.59	41.77	0.54	7.07	11.29	10.96	0.02
SQU-DS	2025-12-19 17:30:00	4.59	41.96	0.54	7.04	11.26	11.01	0.02
SQU-DS	2025-12-19 17:45:00	4.58	41.88	0.54	7.00	11.25	13.07	0.02
SQU-DS	2025-12-19 18:00:00	4.60	41.89	0.53	7.04	11.23	14.09	0.02
SQU-DS	2025-12-19 18:15:00	4.59	41.88	0.53	7.05	11.24	13.07	0.02
SQU-DS	2025-12-19 18:30:00	4.61	42.14	0.53	7.04	11.24	14.68	0.02
SQU-DS	2025-12-19 18:45:00	4.59	41.79	0.53	7.01	11.27	13.03	0.02
SQU-DS	2025-12-19 19:00:00	4.59	41.80	0.52	7.05	11.30	10.41	0.02
SQU-DS	2025-12-19 19:15:00	4.58	41.52	0.52	7.04	11.30	9.55	0.02
SQU-DS	2025-12-19 19:30:00	4.60	42.13	0.52	7.04	11.32	11.11	0.02
SQU-DS	2025-12-19 19:45:00	4.59	42.11	0.52	7.03	11.34	10.85	0.02
SQU-DS	2025-12-19 20:00:00	4.58	42.19	0.51	7.01	11.34	10.90	0.02
SQU-DS	2025-12-19 20:15:00	4.58	42.27	0.51	7.03	11.34	9.63	0.02
SQU-DS	2025-12-19 20:30:00	4.58	42.22	0.51	7.06	11.36	9.59	0.02
SQU-DS	2025-12-19 20:45:00	4.55	42.07	0.51	7.02	11.36	8.57	0.02
SQU-DS	2025-12-19 21:00:00	4.55	42.21	0.51	7.04	11.37	9.12	0.02
SQU-DS	2025-12-19 21:15:00	4.54	42.20	0.51	7.05	11.37	10.37	0.02
SQU-DS	2025-12-19 21:30:00	4.54	42.39	0.50	7.08	11.35	8.54	0.02
SQU-DS	2025-12-19 21:45:00	4.52	42.19	0.50	7.03	11.39	10.29	0.02
SQU-DS	2025-12-19 22:00:00	4.53	42.53	0.50	7.06	11.37	9.72	0.02
SQU-DS	2025-12-19 22:15:00	4.53	42.42	0.50	7.09	11.37	8.34	0.02
SQU-DS	2025-12-19 22:30:00	4.52	42.52	0.50	7.01	11.37	12.86	0.02
SQU-DS	2025-12-19 22:45:00	4.52	42.50	0.50	7.07	11.36	8.44	0.02
SQU-DS	2025-12-19 23:00:00		42.36		7.05	11.38		0.02
SQU-DS	2025-12-19 23:15:00	4.53	42.57	0.50	7.02	11.36	11.14	0.02
SQU-DS	2025-12-19 23:30:00	4.53	42.58	0.49	7.08	11.38	8.01	0.02
SQU-DS	2025-12-19 23:45:00	4.54	42.71	0.50	7.05	11.36	10.48	0.02
SQU-DS	2025-12-20 00:00:00	4.54	43.13	0.49	7.08	11.36	10.85	0.02
SQU-DS	2025-12-20 00:15:00	4.54	43.13	0.50	7.05	11.36	10.50	0.02
SQU-DS	2025-12-20 00:30:00	4.55	42.97	0.49	7.07	11.36	9.63	0.02
SQU-DS	2025-12-20 00:45:00	4.54	43.24	0.49	7.08	11.37	8.71	0.02
SQU-DS	2025-12-20 01:00:00	4.53	43.25	0.49	7.05	11.36	11.11	0.02
SQU-DS	2025-12-20 01:15:00	4.54	43.05	0.49	7.05	11.37	11.05	0.02
SQU-DS	2025-12-20 01:30:00	4.53	43.00	0.49	7.09	11.37	9.05	0.02
SQU-DS	2025-12-20 01:45:00	4.53	43.21	0.49	7.03	11.37	11.55	0.02
SQU-DS	2025-12-20 02:00:00	4.54	43.31	0.49	7.09	11.34	10.56	0.02
SQU-DS	2025-12-20 02:15:00	4.55	43.52	0.49	7.07	11.34	9.25	0.02
SQU-DS	2025-12-20 02:30:00	4.53	43.32	0.48	7.10	11.36	8.47	0.02
SQU-DS	2025-12-20 02:45:00	4.53	43.03	0.48	7.09	11.35	9.60	0.02
SQU-DS	2025-12-20 03:00:00	4.51	42.85	0.48	7.08	11.34	9.97	0.02
SQU-DS	2025-12-20 03:15:00	4.50	42.83	0.48	7.07	11.36	9.10	0.02
SQU-DS	2025-12-20 03:30:00	4.50	42.96	0.49	7.04	11.36	8.80	0.02

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-20 03:45:00	4.49	42.95	0.48	7.07	11.34	9.79	0.02
SQU-DS	2025-12-20 04:00:00	4.48	42.84	0.48	7.04	11.36	11.87	0.02
SQU-DS	2025-12-20 04:15:00	4.47	42.83	0.48	7.08	11.36	7.74	0.02
SQU-DS	2025-12-20 04:30:00	4.47	42.95	0.48	7.12	11.38	11.36	0.02
SQU-DS	2025-12-20 04:45:00	4.46	42.83	0.48	7.09	11.37	10.92	0.02
SQU-DS	2025-12-20 05:00:00	4.45	42.60	0.48	7.13	11.35	13.35	0.02
SQU-DS	2025-12-20 05:15:00	4.43	42.22	0.49	7.15	11.34	11.07	0.02
SQU-DS	2025-12-20 05:30:00	4.42	42.03	0.49	7.17	11.35	9.83	0.02
SQU-DS	2025-12-20 05:45:00	4.41	41.87	0.49	7.21	11.33	3.69	0.02
SQU-DS	2025-12-20 06:00:00	4.41	41.90	0.49	7.21	11.28	4.68	0.02
SQU-DS	2025-12-20 06:15:00	4.41	41.99	0.50	7.20	11.22	3.77	0.02
SQU-DS	2025-12-20 06:30:00	4.40	41.74	0.50	7.22	11.17	1.53	0.02
SQU-DS	2025-12-20 06:45:00	4.39	41.67	0.51	7.21	11.15	0.90	0.02
SQU-DS	2025-12-20 07:00:00	4.38	41.61	0.51	7.20	11.14	0.26	0.02
SQU-DS	2025-12-20 07:15:00	4.38	42.11	0.52	7.15	11.13	0.00	0.02
SQU-DS	2025-12-20 07:30:00	4.37	42.06	0.52	7.15	11.14	0.00	0.02
SQU-DS	2025-12-20 07:45:00	4.36	41.79	0.53	7.14	11.15	0.00	0.02
SQU-DS	2025-12-20 08:00:00	4.36	42.15	0.53	7.13	11.14	0.00	0.02
SQU-DS	2025-12-20 08:15:00	4.36	41.95	0.53	7.13	11.13	0.00	0.02
SQU-DS	2025-12-20 08:30:00	4.37	42.06	0.54	7.12	11.15	0.00	0.02
SQU-DS	2025-12-20 08:45:00	4.37	41.96	0.54	7.11	11.14	0.00	0.02
SQU-DS	2025-12-20 09:00:00	4.37	42.18	0.54	7.11	11.12	0.00	0.02
SQU-DS	2025-12-20 09:15:00	4.39	42.56	0.54	7.11	11.12	0.00	0.02
SQU-DS	2025-12-20 09:30:00	4.40	42.87	0.54	7.11	11.10	0.00	0.02
SQU-DS	2025-12-20 09:45:00	4.41	42.48	0.54	7.10	11.09	7.60	0.02
SQU-DS	2025-12-20 10:00:00	4.43	41.27	0.54	7.09	11.09	5.11	0.02
SQU-DS	2025-12-20 10:15:00	4.44	43.34	0.54	7.09	11.10	10.87	0.02
SQU-DS	2025-12-20 10:30:00	4.44	43.96	0.53	7.07	11.09	8.81	0.02
SQU-DS	2025-12-20 10:45:00	4.46	44.18	0.53	7.05	11.10	8.37	0.02
SQU-DS	2025-12-20 11:00:00	4.47	44.23	0.53	7.03	11.10	10.58	0.02
SQU-DS	2025-12-20 11:15:00	4.49	44.72	0.53	7.03	11.08	11.68	0.02
SQU-DS	2025-12-20 11:30:00	4.47	44.42	0.53	7.01	11.10	11.63	0.02
SQU-DS	2025-12-20 11:45:00	4.48	44.54	0.53	7.00	11.13	11.75	0.02
SQU-DS	2025-12-20 12:00:00	4.48	44.37	0.53	6.99	11.15	14.14	0.02
SQU-DS	2025-12-20 12:15:00	4.50	44.66	0.53	6.99	11.18	48.37	0.02
SQU-DS	2025-12-20 12:30:00	4.48	44.51	0.53	7.00	11.20	12.26	0.02
SQU-DS	2025-12-20 12:45:00	4.49	44.95	0.53	6.98	11.19	13.43	0.02
SQU-DS	2025-12-20 13:00:00	4.49	45.27	0.53	6.98	11.17	12.36	0.02
SQU-DS	2025-12-20 13:15:00	4.49	45.41	0.52	6.99	11.20	13.07	0.02
SQU-DS	2025-12-20 13:30:00	4.49	45.36	0.52	7.00	11.19	11.85	0.02
SQU-DS	2025-12-20 13:45:00	4.49	44.95	0.52	6.99	11.19	13.26	0.02
SQU-DS	2025-12-20 14:00:00	4.48	45.07	0.52	6.99	11.21	12.03	0.02
SQU-DS	2025-12-20 14:15:00	4.49	45.29	0.52	7.00	11.20	11.29	0.02
SQU-DS	2025-12-20 14:30:00	4.47	45.02	0.52	7.01	11.21	12.36	0.02
SQU-DS	2025-12-20 14:45:00	4.47	45.24	0.52	7.02	11.20	15.16	0.02
SQU-DS	2025-12-20 15:00:00	4.48	45.22	0.52	7.03	11.20	14.72	0.02
SQU-DS	2025-12-20 15:15:00	4.47	44.95	0.52	7.02	11.19	15.51	0.02
SQU-DS	2025-12-20 15:30:00	4.45	44.97	0.52	7.03	11.21	14.39	0.02
SQU-DS	2025-12-20 15:45:00	4.44	45.23	0.52	7.03	11.22	13.19	0.02
SQU-DS	2025-12-20 16:00:00	4.44	45.41	0.52	7.03	11.23	15.19	0.02
SQU-DS	2025-12-20 16:15:00	4.43	45.55	0.52	7.03	11.22	13.42	0.02
SQU-DS	2025-12-20 16:30:00	4.42	45.81	0.52	7.02	11.20	15.44	0.02
SQU-DS	2025-12-20 16:45:00	4.41	45.77	0.52	7.03	11.20	15.02	0.02
SQU-DS	2025-12-20 17:00:00	4.41	45.93	0.52	7.02	11.20	13.28	0.02
SQU-DS	2025-12-20 17:15:00	4.39	45.62	0.52	7.02	11.20	22.12	0.02

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-20 17:30:00	4.41	46.22	0.52	7.06	11.20	16.28	0.02
SQU-DS	2025-12-20 17:45:00	4.38	45.77	0.52	7.05	11.19	13.25	0.02
SQU-DS	2025-12-20 18:00:00	4.40	45.65	0.52	7.05	11.19	11.60	0.02
SQU-DS	2025-12-20 18:15:00	4.41	46.09	0.52	7.04	11.23	12.62	0.02
SQU-DS	2025-12-20 18:30:00	4.38	45.54	0.52	7.03	11.22	12.67	0.02
SQU-DS	2025-12-20 18:45:00	4.39	45.65	0.51	7.04	11.25	10.71	0.02
SQU-DS	2025-12-20 19:00:00	4.38	45.44	0.51	7.06	11.25	11.66	0.02
SQU-DS	2025-12-20 19:15:00	4.40	45.41	0.51	7.05	11.23	11.12	0.02
SQU-DS	2025-12-20 19:30:00		45.12		7.05	11.26		0.02
SQU-DS	2025-12-20 19:45:00	4.37	45.23	0.50	7.06	11.25	13.17	0.02
SQU-DS	2025-12-20 20:00:00		45.50		7.06	11.28		0.02
SQU-DS	2025-12-20 20:15:00	4.36	44.97	0.50	7.06	11.29	12.53	0.02
SQU-DS	2025-12-20 20:30:00	4.38	45.20	0.50	7.07	11.27	11.99	0.02
SQU-DS	2025-12-20 20:45:00	4.35	44.85	0.50	7.08	11.27	10.75	0.02
SQU-DS	2025-12-20 21:00:00	4.37	45.19	0.50	7.08	11.25	11.46	0.02
SQU-DS	2025-12-20 21:15:00	4.35	45.10	0.50	7.07	11.28	12.72	0.02
SQU-DS	2025-12-20 21:30:00	4.37	44.97	0.49	7.08	11.26	12.14	0.02
SQU-DS	2025-12-20 21:45:00	4.36	44.60	0.49	7.08	11.27	11.54	0.02
SQU-DS	2025-12-20 22:00:00	4.37	44.98	0.49	7.09	11.30	13.26	0.02
SQU-DS	2025-12-20 22:15:00	4.37	45.18	0.49	7.08	11.31	12.53	0.02
SQU-DS	2025-12-20 22:30:00	4.38	45.16	0.49	7.09	11.32	11.97	0.02
SQU-DS	2025-12-20 22:45:00	4.39	45.45	0.49	7.09	11.29	11.79	0.02
SQU-DS	2025-12-20 23:00:00	4.38	45.27	0.49	7.11	11.29	10.57	0.02
SQU-DS	2025-12-20 23:15:00	4.37	45.22	0.49	7.09	11.30	11.89	0.02
SQU-DS	2025-12-20 23:30:00	4.37	45.43	0.49	7.10	11.28	12.14	0.02
SQU-DS	2025-12-20 23:45:00	4.38	45.31	0.49	7.09	11.28	12.31	0.02
SQU-DS	2025-12-21 00:00:00	4.38	45.27	0.49	7.10	11.29	11.34	0.02
SQU-DS	2025-12-21 00:15:00	4.37	44.98	0.49	7.11	11.31	10.97	0.02
SQU-DS	2025-12-21 00:30:00	4.37	44.91	0.49	7.10	11.32	11.21	0.02
SQU-DS	2025-12-21 00:45:00	4.37	45.08	0.49	7.10	11.31	13.22	0.02
SQU-DS	2025-12-21 01:00:00	4.39	45.15	0.49	7.09	11.31	12.73	0.02
SQU-DS	2025-12-21 01:15:00	4.38	44.87	0.48	7.09	11.33	12.23	0.02
SQU-DS	2025-12-21 01:30:00	4.38	45.25	0.48	7.09	11.32	11.88	0.02
SQU-DS	2025-12-21 01:45:00	4.39	45.21	0.48	7.05	11.32	11.64	0.02
SQU-DS	2025-12-21 02:00:00	4.38	45.27	0.48	7.07	11.32	12.36	0.02
SQU-DS	2025-12-21 02:15:00	4.38	45.07	0.48	7.09	11.33	12.70	0.02
SQU-DS	2025-12-21 02:30:00	4.38	45.31	0.48	7.10	11.30	11.49	0.02
SQU-DS	2025-12-21 02:45:00	4.39	45.44	0.48	7.08	11.31	12.46	0.02
SQU-DS	2025-12-21 03:00:00	4.39	45.28	0.48	7.11	11.32	10.89	0.02
SQU-DS	2025-12-21 03:15:00	4.39	45.39	0.48	7.11	11.32	11.94	0.02
SQU-DS	2025-12-21 03:30:00	4.40	45.27	0.48	7.12	11.32	11.64	0.02
SQU-DS	2025-12-21 03:45:00	4.38	45.29	0.48	7.09	11.31	11.62	0.02
SQU-DS	2025-12-21 04:00:00	4.39	45.19	0.48	7.11	11.29	11.30	0.02
SQU-DS	2025-12-21 04:15:00	4.40	45.26	0.48	7.11	11.30	11.46	0.02
SQU-DS	2025-12-21 04:30:00	4.41	45.29	0.48	7.12	11.31	11.24	0.02
SQU-DS	2025-12-21 04:45:00	4.39	44.89	0.48	7.13	11.29	11.38	0.02
SQU-DS	2025-12-21 05:00:00	4.38	44.73	0.48	7.11	11.31	12.38	0.02
SQU-DS	2025-12-21 05:15:00	4.38	44.90	0.48	7.17	11.29	11.53	0.02
SQU-DS	2025-12-21 05:30:00	4.38	44.47	0.49	7.17	11.30	10.65	0.02
SQU-DS	2025-12-21 05:45:00	4.37	44.13	0.49	7.20	11.31	11.24	0.02
SQU-DS	2025-12-21 06:00:00	4.37	44.17	0.49	7.18	11.30	10.15	0.02
SQU-DS	2025-12-21 06:15:00	4.36	43.21	0.50	7.19	11.26	3.02	0.02
SQU-DS	2025-12-21 06:30:00	4.36	42.28	0.50	7.20	11.23	0.53	0.02
SQU-DS	2025-12-21 06:45:00	4.37	42.95	0.51	7.21	11.19	0.00	0.02
SQU-DS	2025-12-21 07:00:00	4.38	43.38	0.51	7.22	11.17	0.00	0.02

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-21 07:15:00	4.39	43.34	0.51	7.22	11.14	0.00	0.02
SQU-DS	2025-12-21 07:30:00	4.39	43.61	0.52	7.21	11.14	0.00	0.02
SQU-DS	2025-12-21 07:45:00	4.38	43.94	0.52	7.20	11.12	0.00	0.02
SQU-DS	2025-12-21 08:00:00	4.38	44.38	0.52	7.22	11.14	0.00	0.02
SQU-DS	2025-12-21 08:15:00	4.37	44.06	0.53	7.21	11.13	0.00	0.02
SQU-DS	2025-12-21 08:30:00	4.36	43.99	0.53	7.20	11.12	0.00	0.02
SQU-DS	2025-12-21 08:45:00	4.35	44.15	0.53	7.20	11.13	0.00	0.02
SQU-DS	2025-12-21 09:00:00	4.35	44.12	0.53	7.20	11.16	0.00	0.02
SQU-DS	2025-12-21 09:15:00	4.35	44.11	0.54	7.20	11.17	0.00	0.02
SQU-DS	2025-12-21 09:30:00	4.36	43.88	0.54	7.21	11.16	0.00	0.02
SQU-DS	2025-12-21 09:45:00	4.37	44.27	0.54	7.20	11.14	0.00	0.02
SQU-DS	2025-12-21 10:00:00	4.38	44.92	0.54	7.19	11.13	0.00	0.02
SQU-DS	2025-12-21 10:15:00	4.40	45.17	0.54	7.18	11.10	0.00	0.02
SQU-DS	2025-12-21 10:30:00	4.41	45.25	0.54	7.17	11.08	0.00	0.02
SQU-DS	2025-12-21 10:45:00	4.42	45.67	0.54	7.17	11.12	0.00	0.02
SQU-DS	2025-12-21 11:00:00	4.43	45.48	0.54	7.16	11.13	0.00	0.02
SQU-DS	2025-12-21 11:15:00	4.44	45.36	0.54	7.16	11.11	0.00	0.02
SQU-DS	2025-12-21 11:30:00	4.45	46.67	0.54	7.15	11.10	0.00	0.02
SQU-DS	2025-12-21 11:45:00	4.45	49.21	0.54	7.16	11.10	5.49	0.02
SQU-DS	2025-12-21 12:00:00	4.45	47.68	0.54	7.16	11.13	11.98	0.02
SQU-DS	2025-12-21 12:15:00	4.45	48.41	0.54	7.14	11.19	10.45	0.02
SQU-DS	2025-12-21 12:30:00	4.46	48.21	0.53	7.13	11.21	6.46	0.02
SQU-DS	2025-12-21 12:45:00	4.48	48.48	0.53	7.14	11.21	10.19	0.02
SQU-DS	2025-12-21 13:00:00	4.49	48.25	0.53	7.12	11.22	12.01	0.02
SQU-DS	2025-12-21 13:15:00	4.51	48.37	0.52	7.13	11.20	11.42	0.02
SQU-DS	2025-12-21 13:30:00	4.52	48.09	0.52	7.13	11.20	9.74	0.02
SQU-DS	2025-12-21 13:45:00	4.53	47.88	0.52	7.12	11.23	11.49	0.02
SQU-DS	2025-12-21 14:00:00	4.55	48.27	0.52	7.12	11.20	11.10	0.02
SQU-DS	2025-12-21 14:15:00	4.55	47.90	0.52	7.12	11.21	12.09	0.02
SQU-DS	2025-12-21 14:30:00	4.56	47.86	0.52	7.13	11.21	11.39	0.02
SQU-DS	2025-12-21 14:45:00	4.56	48.00	0.52	7.13	11.22	11.94	0.02
SQU-DS	2025-12-21 15:00:00	4.56	48.06	0.52	7.12	11.19	12.87	0.02
SQU-DS	2025-12-21 15:15:00	4.56	47.91	0.52	7.14	11.20	10.49	0.02
SQU-DS	2025-12-21 15:30:00	4.55	48.06	0.52	7.13	11.22	13.16	0.02
SQU-DS	2025-12-21 15:45:00	4.55	48.24	0.52	7.13	11.24	12.02	0.02
SQU-DS	2025-12-21 16:00:00	4.55	48.40	0.52	7.14	11.23	13.02	0.02
SQU-DS	2025-12-21 16:15:00	4.55	48.37	0.52	7.14	11.18	14.85	0.02
SQU-DS	2025-12-21 16:30:00	4.54	48.21	0.52	7.13	11.19	13.62	0.02
SQU-DS	2025-12-21 16:45:00	4.56	48.55	0.52	7.14	11.18	13.03	0.02
SQU-DS	2025-12-21 17:00:00	4.55	48.55	0.53	7.13	11.13	12.85	0.02
SQU-DS	2025-12-21 17:15:00	4.56	48.57	0.53	7.14	11.16	11.83	0.02
SQU-DS	2025-12-21 17:30:00	4.57	48.69	0.53	7.14	11.18	11.97	0.02
SQU-DS	2025-12-21 17:45:00	4.55	48.48	0.53	7.14	11.16	12.31	0.02
SQU-DS	2025-12-21 18:00:00	4.56	48.68	0.53	7.14	11.18	13.30	0.02
SQU-DS	2025-12-21 18:15:00	4.56	49.55	0.53	7.13	11.18	11.96	0.02
SQU-DS	2025-12-21 18:30:00	4.54	49.07	0.53	7.13	11.17	12.12	0.02
SQU-DS	2025-12-21 18:45:00	4.53	48.75	0.53	7.12	11.20	12.68	0.02
SQU-DS	2025-12-21 19:00:00	4.52	48.67	0.52	7.12	11.21	14.38	0.02
SQU-DS	2025-12-21 19:15:00	4.52	48.88	0.52	7.11	11.21	12.48	0.02
SQU-DS	2025-12-21 19:30:00	4.50	48.82	0.52	7.11	11.20	10.86	0.02
SQU-DS	2025-12-21 19:45:00	4.48	48.03	0.52	7.10	11.22	12.28	0.02
SQU-DS	2025-12-21 20:00:00	4.48	48.05	0.52	7.09	11.21	12.10	0.02
SQU-DS	2025-12-21 20:15:00	4.48	47.97	0.52	7.10	11.21	16.01	0.02
SQU-DS	2025-12-21 20:30:00	4.45	47.79	0.52	7.10	11.23	10.82	0.02
SQU-DS	2025-12-21 20:45:00	4.45	47.83	0.51	7.10	11.22	12.02	0.02

Squamish River								
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**	**Salinity (PSU)**
SQU-DS	2025-12-21 21:00:00	4.44	47.45	0.51	7.11	11.24	14.30	0.02
SQU-DS	2025-12-21 21:15:00	4.45	47.70	0.51	7.10	11.23	14.22	0.02
SQU-DS	2025-12-21 21:30:00	4.42	47.35	0.51	7.10	11.25	13.80	0.02
SQU-DS	2025-12-21 21:45:00	4.40	47.01	0.50	7.12	11.27	11.70	0.02
SQU-DS	2025-12-21 22:00:00	4.39	46.96	0.50	7.11	11.28	13.21	0.02
SQU-DS	2025-12-21 22:15:00	4.37	46.40	0.50	7.11	11.29	12.85	0.02
SQU-DS	2025-12-21 22:30:00	4.36	46.52	0.50	7.11	11.31	15.70	0.02
SQU-DS	2025-12-21 22:45:00	4.36	46.65	0.50	7.12	11.31	15.39	0.02
SQU-DS	2025-12-21 23:00:00	4.38	47.00	0.49	7.12	11.31	12.81	0.02
SQU-DS	2025-12-21 23:15:00	4.37	47.07	0.49	7.13	11.29	13.53	0.02
SQU-DS	2025-12-21 23:30:00	4.35	46.60	0.49	7.12	11.33	15.14	0.02
SQU-DS	2025-12-21 23:45:00	4.34	46.43	0.49	7.11	11.34	14.57	0.02
SQU-US	2025-12-15 00:00:00							
SQU-US	2025-12-15 00:15:00							
SQU-US	2025-12-15 00:30:00							
SQU-US	2025-12-15 00:45:00							
SQU-US	2025-12-15 01:00:00							
SQU-US	2025-12-15 01:15:00							
SQU-US	2025-12-15 01:30:00							
SQU-US	2025-12-15 01:45:00							
SQU-US	2025-12-15 02:00:00							
SQU-US	2025-12-15 02:15:00							
SQU-US	2025-12-15 02:30:00							
SQU-US	2025-12-15 02:45:00							
SQU-US	2025-12-15 03:00:00							
SQU-US	2025-12-15 03:15:00							
SQU-US	2025-12-15 03:30:00							
SQU-US	2025-12-15 03:45:00							
SQU-US	2025-12-15 04:00:00							
SQU-US	2025-12-15 04:15:00							
SQU-US	2025-12-15 04:30:00							
SQU-US	2025-12-15 04:45:00							
SQU-US	2025-12-15 05:00:00							
SQU-US	2025-12-15 05:15:00							
SQU-US	2025-12-15 05:30:00							
SQU-US	2025-12-15 05:45:00							
SQU-US	2025-12-15 06:00:00							
SQU-US	2025-12-15 06:15:00							
SQU-US	2025-12-15 06:30:00							
SQU-US	2025-12-15 06:45:00							
SQU-US	2025-12-15 07:00:00							
SQU-US	2025-12-15 07:15:00							
SQU-US	2025-12-15 07:30:00							
SQU-US	2025-12-15 07:45:00							
SQU-US	2025-12-15 08:00:00							
SQU-US	2025-12-15 08:15:00							
SQU-US	2025-12-15 08:30:00							
SQU-US	2025-12-15 08:45:00							
SQU-US	2025-12-15 09:00:00							
SQU-US	2025-12-15 09:15:00							
SQU-US	2025-12-15 09:30:00							
SQU-US	2025-12-15 09:45:00							
SQU-US	2025-12-15 10:00:00							
SQU-US	2025-12-15 10:15:00							
SQU-US	2025-12-15 10:30:00							

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-US	2025-12-15 10:45:00							
SQU-US	2025-12-15 11:00:00							
SQU-US	2025-12-15 11:15:00							
SQU-US	2025-12-15 11:30:00							
SQU-US	2025-12-15 11:45:00							
SQU-US	2025-12-15 12:00:00							
SQU-US	2025-12-15 12:15:00							
SQU-US	2025-12-15 12:30:00							
SQU-US	2025-12-15 12:45:00							
SQU-US	2025-12-15 13:00:00							
SQU-US	2025-12-15 13:15:00							
SQU-US	2025-12-15 13:30:00							
SQU-US	2025-12-15 13:45:00							
SQU-US	2025-12-15 14:00:00							
SQU-US	2025-12-15 14:15:00							
SQU-US	2025-12-15 14:30:00							
SQU-US	2025-12-15 14:45:00							
SQU-US	2025-12-15 15:00:00							
SQU-US	2025-12-15 15:15:00							
SQU-US	2025-12-15 15:30:00							
SQU-US	2025-12-15 15:45:00							
SQU-US	2025-12-15 16:00:00							
SQU-US	2025-12-15 16:15:00							
SQU-US	2025-12-15 16:30:00							
SQU-US	2025-12-15 16:45:00							
SQU-US	2025-12-15 17:00:00							
SQU-US	2025-12-15 17:15:00							
SQU-US	2025-12-15 17:30:00							
SQU-US	2025-12-15 17:45:00							
SQU-US	2025-12-15 18:00:00							
SQU-US	2025-12-15 18:15:00							
SQU-US	2025-12-15 18:30:00							
SQU-US	2025-12-15 18:45:00							
SQU-US	2025-12-15 19:00:00							
SQU-US	2025-12-15 19:15:00							
SQU-US	2025-12-15 19:30:00							
SQU-US	2025-12-15 19:45:00							
SQU-US	2025-12-15 20:00:00							
SQU-US	2025-12-15 20:15:00							
SQU-US	2025-12-15 20:30:00							
SQU-US	2025-12-15 20:45:00							
SQU-US	2025-12-15 21:00:00							
SQU-US	2025-12-15 21:15:00							
SQU-US	2025-12-15 21:30:00							
SQU-US	2025-12-15 21:45:00							
SQU-US	2025-12-15 22:00:00							
SQU-US	2025-12-15 22:15:00							
SQU-US	2025-12-15 22:30:00							
SQU-US	2025-12-15 22:45:00							
SQU-US	2025-12-15 23:00:00							
SQU-US	2025-12-15 23:15:00							
SQU-US	2025-12-15 23:30:00							
SQU-US	2025-12-15 23:45:00							
SQU-US	2025-12-16 00:00:00							
SQU-US	2025-12-16 00:15:00							

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-US	2025-12-16 00:30:00							
SQU-US	2025-12-16 00:45:00							
SQU-US	2025-12-16 01:00:00							
SQU-US	2025-12-16 01:15:00							
SQU-US	2025-12-16 01:30:00							
SQU-US	2025-12-16 01:45:00							
SQU-US	2025-12-16 02:00:00							
SQU-US	2025-12-16 02:15:00							
SQU-US	2025-12-16 02:30:00							
SQU-US	2025-12-16 02:45:00							
SQU-US	2025-12-16 03:00:00							
SQU-US	2025-12-16 03:15:00							
SQU-US	2025-12-16 03:30:00							
SQU-US	2025-12-16 03:45:00							
SQU-US	2025-12-16 04:00:00							
SQU-US	2025-12-16 04:15:00							
SQU-US	2025-12-16 04:30:00							
SQU-US	2025-12-16 04:45:00							
SQU-US	2025-12-16 05:00:00							
SQU-US	2025-12-16 05:15:00							
SQU-US	2025-12-16 05:30:00							
SQU-US	2025-12-16 05:45:00							
SQU-US	2025-12-16 06:00:00							
SQU-US	2025-12-16 06:15:00							
SQU-US	2025-12-16 06:30:00							
SQU-US	2025-12-16 06:45:00							
SQU-US	2025-12-16 07:00:00							
SQU-US	2025-12-16 07:15:00							
SQU-US	2025-12-16 07:30:00							
SQU-US	2025-12-16 07:45:00							
SQU-US	2025-12-16 08:00:00							
SQU-US	2025-12-16 08:15:00							
SQU-US	2025-12-16 08:30:00							
SQU-US	2025-12-16 08:45:00							
SQU-US	2025-12-16 09:00:00							
SQU-US	2025-12-16 09:15:00							
SQU-US	2025-12-16 09:30:00							
SQU-US	2025-12-16 09:45:00							
SQU-US	2025-12-16 10:00:00							
SQU-US	2025-12-16 10:15:00							
SQU-US	2025-12-16 10:30:00							
SQU-US	2025-12-16 10:45:00							
SQU-US	2025-12-16 11:00:00							
SQU-US	2025-12-16 11:15:00							
SQU-US	2025-12-16 11:30:00							
SQU-US	2025-12-16 11:45:00							
SQU-US	2025-12-16 12:00:00							
SQU-US	2025-12-16 12:15:00							
SQU-US	2025-12-16 12:30:00							
SQU-US	2025-12-16 12:45:00							
SQU-US	2025-12-16 13:00:00							
SQU-US	2025-12-16 13:15:00							
SQU-US	2025-12-16 13:30:00							
SQU-US	2025-12-16 13:45:00							
SQU-US	2025-12-16 14:00:00							

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-US	2025-12-16 14:15:00							
SQU-US	2025-12-16 14:30:00							
SQU-US	2025-12-16 14:45:00							
SQU-US	2025-12-16 15:00:00							
SQU-US	2025-12-16 15:15:00							
SQU-US	2025-12-16 15:30:00							
SQU-US	2025-12-16 15:45:00							
SQU-US	2025-12-16 16:00:00							
SQU-US	2025-12-16 16:15:00							
SQU-US	2025-12-16 16:30:00							
SQU-US	2025-12-16 16:45:00							
SQU-US	2025-12-16 17:00:00							
SQU-US	2025-12-16 17:15:00							
SQU-US	2025-12-16 17:30:00							
SQU-US	2025-12-16 17:45:00							
SQU-US	2025-12-16 18:00:00							
SQU-US	2025-12-16 18:15:00							
SQU-US	2025-12-16 18:30:00							
SQU-US	2025-12-16 18:45:00							
SQU-US	2025-12-16 19:00:00							
SQU-US	2025-12-16 19:15:00							
SQU-US	2025-12-16 19:30:00							
SQU-US	2025-12-16 19:45:00							
SQU-US	2025-12-16 20:00:00							
SQU-US	2025-12-16 20:15:00							
SQU-US	2025-12-16 20:30:00							
SQU-US	2025-12-16 20:45:00							
SQU-US	2025-12-16 21:00:00							
SQU-US	2025-12-16 21:15:00							
SQU-US	2025-12-16 21:30:00							
SQU-US	2025-12-16 21:45:00							
SQU-US	2025-12-16 22:00:00							
SQU-US	2025-12-16 22:15:00							
SQU-US	2025-12-16 22:30:00							
SQU-US	2025-12-16 22:45:00							
SQU-US	2025-12-16 23:00:00							
SQU-US	2025-12-16 23:15:00							
SQU-US	2025-12-16 23:30:00							
SQU-US	2025-12-16 23:45:00							
SQU-US	2025-12-17 00:00:00							
SQU-US	2025-12-17 00:15:00							
SQU-US	2025-12-17 00:30:00							
SQU-US	2025-12-17 00:45:00							
SQU-US	2025-12-17 01:00:00							
SQU-US	2025-12-17 01:15:00							
SQU-US	2025-12-17 01:30:00							
SQU-US	2025-12-17 01:45:00							
SQU-US	2025-12-17 02:00:00							
SQU-US	2025-12-17 02:15:00							
SQU-US	2025-12-17 02:30:00							
SQU-US	2025-12-17 02:45:00							
SQU-US	2025-12-17 03:00:00							
SQU-US	2025-12-17 03:15:00							
SQU-US	2025-12-17 03:30:00							
SQU-US	2025-12-17 03:45:00							

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-US	2025-12-17 04:00:00							
SQU-US	2025-12-17 04:15:00							
SQU-US	2025-12-17 04:30:00							
SQU-US	2025-12-17 04:45:00							
SQU-US	2025-12-17 05:00:00							
SQU-US	2025-12-17 05:15:00							
SQU-US	2025-12-17 05:30:00							
SQU-US	2025-12-17 05:45:00							
SQU-US	2025-12-17 06:00:00							
SQU-US	2025-12-17 06:15:00							
SQU-US	2025-12-17 06:30:00							
SQU-US	2025-12-17 06:45:00							
SQU-US	2025-12-17 07:00:00							
SQU-US	2025-12-17 07:15:00							
SQU-US	2025-12-17 07:30:00							
SQU-US	2025-12-17 07:45:00							
SQU-US	2025-12-17 08:00:00							
SQU-US	2025-12-17 08:15:00							
SQU-US	2025-12-17 08:30:00							
SQU-US	2025-12-17 08:45:00							
SQU-US	2025-12-17 09:00:00							
SQU-US	2025-12-17 09:15:00							
SQU-US	2025-12-17 09:30:00							
SQU-US	2025-12-17 09:45:00							
SQU-US	2025-12-17 10:00:00							
SQU-US	2025-12-17 10:15:00							
SQU-US	2025-12-17 10:30:00							
SQU-US	2025-12-17 10:45:00							
SQU-US	2025-12-17 11:00:00							
SQU-US	2025-12-17 11:15:00							
SQU-US	2025-12-17 11:30:00							
SQU-US	2025-12-17 11:45:00							
SQU-US	2025-12-17 12:00:00							
SQU-US	2025-12-17 12:15:00							
SQU-US	2025-12-17 12:30:00							
SQU-US	2025-12-17 12:45:00	16.69	2.77	221.56	8.43	9.49	163.44	0.00
SQU-US	2025-12-17 13:00:00	12.74	0.00	261.35	2.01	10.22	5.21	0.00
SQU-US	2025-12-17 13:15:00	10.55	0.00	203.24	2.48	10.83	4.87	0.00
SQU-US	2025-12-17 13:30:00	5.42	31.25	152.02	6.55	12.29	35.42	0.01
SQU-US	2025-12-17 13:45:00	5.45	28.28	107.84	6.83	12.27	34.72	0.01
SQU-US	2025-12-17 14:00:00	5.43	28.28	126.05	6.89	12.25	32.05	0.01
SQU-US	2025-12-17 14:15:00	5.42	27.92	132.19	6.92	12.26	37.42	0.01
SQU-US	2025-12-17 14:30:00	5.42	28.00	131.14	6.93	12.25	40.48	0.01
SQU-US	2025-12-17 14:45:00	5.44	32.36	114.33	6.91	12.20	149.73	0.01
SQU-US	2025-12-17 15:00:00	5.44	32.04	105.71	6.93	12.17	34.59	0.01
SQU-US	2025-12-17 15:15:00	5.43	31.86	100.04	6.93	12.15	32.22	0.01
SQU-US	2025-12-17 15:30:00	5.45	32.24	96.85	6.94	12.13	27.93	0.01
SQU-US	2025-12-17 15:45:00	5.48	33.74	94.74	6.92	12.10	80.05	0.01
SQU-US	2025-12-17 16:00:00	5.46	33.02	91.55	6.97	12.10	40.22	0.01
SQU-US	2025-12-17 16:15:00	5.46	32.48	88.68	6.97	12.07	41.34	0.01
SQU-US	2025-12-17 16:30:00	5.46	32.85	85.59	6.98	12.05	38.16	0.01
SQU-US	2025-12-17 16:45:00	5.46	29.30	83.76	6.97	12.02	46.14	0.01
SQU-US	2025-12-17 17:00:00	5.46	29.53	83.75	6.97	12.02	47.32	0.01
SQU-US	2025-12-17 17:15:00	5.47	29.32	83.48	6.95	11.99	35.80	0.01
SQU-US	2025-12-17 17:30:00	5.49	29.64	84.23	6.93	11.96	40.73	0.01

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-US	2025-12-17 17:45:00	5.49	35.40	83.20	6.92	11.95	234.48	0.02
SQU-US	2025-12-17 18:00:00	5.49	35.21	83.08	6.92	11.95	29.35	0.02
SQU-US	2025-12-17 18:15:00	5.49	34.80	83.00	6.90	11.96	28.45	0.01
SQU-US	2025-12-17 18:30:00	5.48	35.07	83.63	6.91	11.96	25.85	0.01
SQU-US	2025-12-17 18:45:00	5.49	32.60	83.65	6.90	11.95	28.30	0.01
SQU-US	2025-12-17 19:00:00	5.50	32.88	84.39	6.90	11.93	24.53	0.01
SQU-US	2025-12-17 19:15:00	5.48	32.33	84.65	6.91	11.95	30.67	0.01
SQU-US	2025-12-17 19:30:00	5.46	31.77	85.78	6.91	11.98	32.86	0.01
SQU-US	2025-12-17 19:45:00	5.48	36.36	87.06	6.89	11.94	68.91	0.02
SQU-US	2025-12-17 20:00:00	5.46	35.48	86.21	6.89	11.95	27.01	0.02
SQU-US	2025-12-17 20:15:00	5.46	36.03	86.11	6.89	11.95	32.03	0.02
SQU-US	2025-12-17 20:30:00	5.47	36.41	85.02	6.89	11.93	28.25	0.02
SQU-US	2025-12-17 20:45:00	5.44	35.95	84.97	6.89	11.94	45.44	0.02
SQU-US	2025-12-17 21:00:00	5.44	36.10	85.24	6.90	11.96	86.73	0.02
SQU-US	2025-12-17 21:15:00	5.44	36.42	85.16	6.89	11.94	106.31	0.02
SQU-US	2025-12-17 21:30:00	5.42	35.36	84.91	6.89	11.94	141.14	0.02
SQU-US	2025-12-17 21:45:00	5.43	36.57	84.82	6.89	11.92	49.70	0.02
SQU-US	2025-12-17 22:00:00	5.43	36.76	85.05	6.87	11.92	20.89	0.02
SQU-US	2025-12-17 22:15:00	5.42	36.95	84.49	6.89	11.93	18.73	0.02
SQU-US	2025-12-17 22:30:00	5.40	36.26	82.93	6.90	11.94	29.28	0.02
SQU-US	2025-12-17 22:45:00	5.40	36.89	83.44	6.90	11.93	109.87	0.02
SQU-US	2025-12-17 23:00:00	5.38	36.73	83.62	6.89	11.93	29.04	0.02
SQU-US	2025-12-17 23:15:00	5.37	36.53	83.46	6.90	11.95	18.70	0.02
SQU-US	2025-12-17 23:30:00	5.37	37.06	83.55	6.90	11.96	29.04	0.02
SQU-US	2025-12-17 23:45:00	5.36	36.78	83.29	6.89	11.96	27.75	0.02
SQU-US	2025-12-18 00:00:00	5.35	36.63	82.15	6.92	11.96	18.42	0.02
SQU-US	2025-12-18 00:15:00	5.35	37.06	82.11	6.88	11.94	21.01	0.02
SQU-US	2025-12-18 00:30:00	5.35	37.22	81.40	6.91	11.93	25.74	0.02
SQU-US	2025-12-18 00:45:00	5.34	33.35	80.31	6.92	11.94	21.20	0.01
SQU-US	2025-12-18 01:00:00	5.32	33.12	79.44	6.92	11.96	20.92	0.01
SQU-US	2025-12-18 01:15:00	5.31	33.15	80.01	6.92	11.96	15.97	0.01
SQU-US	2025-12-18 01:30:00	5.31	33.45	80.87	6.91	11.96	21.21	0.01
SQU-US	2025-12-18 01:45:00	5.30	36.95	80.23	6.90	11.96	77.42	0.02
SQU-US	2025-12-18 02:00:00	5.28	36.66	80.13	6.94	11.97	21.46	0.02
SQU-US	2025-12-18 02:15:00	5.27	36.59	80.48	6.92	11.97	18.28	0.02
SQU-US	2025-12-18 02:30:00	5.26	36.53	79.75	6.94	11.96	30.31	0.02
SQU-US	2025-12-18 02:45:00	5.25	33.50	79.81	6.95	11.97	20.16	0.01
SQU-US	2025-12-18 03:00:00	5.25	33.79	80.55	6.91	11.96	17.39	0.01
SQU-US	2025-12-18 03:15:00	5.22	33.44	80.44	6.93	11.99	18.25	0.01
SQU-US	2025-12-18 03:30:00	5.19	32.81	80.96	6.96	12.01	20.54	0.01
SQU-US	2025-12-18 03:45:00	5.19	36.86	83.47	6.95	12.01	69.42	0.02
SQU-US	2025-12-18 04:00:00	5.17	36.52	83.84	6.98	12.03	18.08	0.02
SQU-US	2025-12-18 04:15:00	5.14	36.24	87.41	7.00	12.06	15.20	0.02
SQU-US	2025-12-18 04:30:00	5.12	36.14	90.02	6.99	12.07	19.63	0.02
SQU-US	2025-12-18 04:45:00	5.10	32.46	92.36	7.01	12.10	20.36	0.01
SQU-US	2025-12-18 05:00:00	5.09	32.70	97.59	7.04	12.11	17.18	0.01
SQU-US	2025-12-18 05:15:00	5.07	32.84	107.77	7.02	12.14	18.41	0.01
SQU-US	2025-12-18 05:30:00	5.05	32.66	118.16	7.04	12.15	28.77	0.01
SQU-US	2025-12-18 05:45:00	5.05	35.84	119.43	6.99	12.15	90.31	0.02
SQU-US	2025-12-18 06:00:00	5.06	36.81	97.52	7.01	12.10	14.93	0.02
SQU-US	2025-12-18 06:15:00	5.04	36.02	93.70	7.02	12.10	19.81	0.02
SQU-US	2025-12-18 06:30:00	5.04	37.07	91.72	7.00	12.10	19.39	0.02
SQU-US	2025-12-18 06:45:00	5.05	31.68	88.92	6.99	12.06	24.91	0.01
SQU-US	2025-12-18 07:00:00	5.04	32.70	85.09	6.99	12.06	22.15	0.01
SQU-US	2025-12-18 07:15:00	5.04	32.81	84.19	6.99	12.06	18.00	0.01

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-US	2025-12-18 07:30:00	5.04	33.13	82.90	7.00	12.04	16.86	0.01
SQU-US	2025-12-18 07:45:00	5.05	35.98	82.92	6.97	12.02	17.32	0.02
SQU-US	2025-12-18 08:00:00	5.04	36.59	82.48	6.96	12.02	14.39	0.02
SQU-US	2025-12-18 08:15:00	5.05	36.93	83.06	6.96	12.01	15.39	0.02
SQU-US	2025-12-18 08:30:00	5.06	37.40	81.27	6.95	11.97	14.37	0.02
SQU-US	2025-12-18 08:45:00	5.06	35.14	81.30	6.94	11.95	32.85	0.01
SQU-US	2025-12-18 09:00:00	5.05	34.79	82.36	6.94	11.97	16.75	0.01
SQU-US	2025-12-18 09:15:00	5.06	35.04	82.72	6.93	11.95	16.31	0.01
SQU-US	2025-12-18 09:30:00	5.04	34.66	83.11	6.94	11.95	18.15	0.01
SQU-US	2025-12-18 09:45:00	5.04	34.85	85.14	6.93	11.95	85.24	0.01
SQU-US	2025-12-18 10:00:00	5.03	34.58	84.63	6.94	11.94	16.72	0.01
SQU-US	2025-12-18 10:15:00	5.03	34.93	86.16	6.93	11.94	15.33	0.01
SQU-US	2025-12-18 10:30:00	5.03	34.70	87.72	6.92	11.93	18.53	0.01
SQU-US	2025-12-18 10:45:00	5.02	33.74	86.78	6.92	11.94	20.67	0.01
SQU-US	2025-12-18 11:00:00	5.01	33.33	85.94	6.93	11.95	19.98	0.01
SQU-US	2025-12-18 11:15:00	5.00	33.39	86.49	6.94	11.96	20.37	0.01
SQU-US	2025-12-18 11:30:00	5.00	33.39	87.20	6.93	11.95	18.65	0.01
SQU-US	2025-12-18 11:45:00	5.00	34.23	88.73	6.91	11.95	34.71	0.01
SQU-US	2025-12-18 12:00:00	5.00	34.36	87.22	6.93	11.95	18.48	0.01
SQU-US	2025-12-18 12:15:00	4.99	34.22	87.26	6.94	11.95	17.52	0.01
SQU-US	2025-12-18 12:30:00	4.98	34.29	86.13	6.95	11.95	21.51	0.01
SQU-US	2025-12-18 12:45:00	4.97	33.03	87.09	6.94	11.96	16.11	0.01
SQU-US	2025-12-18 13:00:00	4.96	32.99	86.47	6.96	11.95	23.29	0.01
SQU-US	2025-12-18 13:15:00	4.95	33.22	87.30	6.96	11.96	17.03	0.01
SQU-US	2025-12-18 13:30:00	4.93	33.16	88.64	6.93	11.96	22.92	0.01
SQU-US	2025-12-18 13:45:00	4.93	38.47	88.72	6.94	11.96	124.74	0.02
SQU-US	2025-12-18 14:00:00	4.90	37.69	86.63	6.98	11.94	17.30	0.02
SQU-US	2025-12-18 14:15:00	4.88	37.61	87.78	6.96	11.94	15.65	0.02
SQU-US	2025-12-18 14:30:00	4.88	37.80	86.82	6.98	11.95	20.43	0.02
SQU-US	2025-12-18 14:45:00	4.88	34.36	86.43	6.98	11.93	20.75	0.01
SQU-US	2025-12-18 15:00:00	4.85	34.51	89.11	6.97	11.98	26.98	0.01
SQU-US	2025-12-18 15:15:00	4.84	34.87	88.63	6.99	11.97	23.45	0.01
SQU-US	2025-12-18 15:30:00	4.83	34.64	87.64	6.99	11.95	23.28	0.01
SQU-US	2025-12-18 15:45:00	4.82	38.30	87.71	6.96	11.96	236.32	0.02
SQU-US	2025-12-18 16:00:00	4.81	38.71	83.82	6.98	11.92	14.98	0.02
SQU-US	2025-12-18 16:15:00	4.81	38.87	83.56	6.96	11.89	19.40	0.02
SQU-US	2025-12-18 16:30:00	4.80	38.88	82.93	6.95	11.88	22.64	0.02
SQU-US	2025-12-18 16:45:00	4.80	35.69	80.88	6.96	11.84	28.95	0.02
SQU-US	2025-12-18 17:00:00	4.79	35.18	80.78	6.96	11.91	27.16	0.01
SQU-US	2025-12-18 17:15:00	4.78	35.33	80.85	6.96	11.89	22.59	0.02
SQU-US	2025-12-18 17:30:00	4.78	35.45	79.98	6.95	11.89	20.49	0.02
SQU-US	2025-12-18 17:45:00	4.78	39.37	80.85	6.93	11.86	163.89	0.02
SQU-US	2025-12-18 18:00:00	4.77	39.06	79.47	6.93	11.84	16.55	0.02
SQU-US	2025-12-18 18:15:00	4.80	39.39	79.47	6.92	11.80	39.94	0.02
SQU-US	2025-12-18 18:30:00	4.78	39.13	79.26	6.94	11.81	19.77	0.02
SQU-US	2025-12-18 18:45:00	4.79	36.05	79.67	6.91	11.78	15.08	0.02
SQU-US	2025-12-18 19:00:00	4.83	35.69	80.63	6.90	11.84	30.48	0.02
SQU-US	2025-12-18 19:15:00	4.83	35.42	79.29	6.93	11.84	17.85	0.02
SQU-US	2025-12-18 19:30:00	4.80	34.46	79.08	6.95	11.85	17.14	0.01
SQU-US	2025-12-18 19:45:00	4.83	38.98	80.95	6.91	11.81	147.81	0.02
SQU-US	2025-12-18 20:00:00	4.84	39.31	80.41	6.90	11.83	21.63	0.02
SQU-US	2025-12-18 20:15:00	4.85	38.87	80.44	6.89	11.81	23.54	0.02
SQU-US	2025-12-18 20:30:00	4.82	37.34	78.95	6.93	11.84	20.66	0.02
SQU-US	2025-12-18 20:45:00	4.86	34.68	80.73	6.93	11.84	19.22	0.01
SQU-US	2025-12-18 21:00:00	4.85	34.40	80.16	6.95	11.86	12.56	0.01

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-US	2025-12-18 21:15:00	4.85	35.14	82.17	6.93	11.87	19.07	0.01
SQU-US	2025-12-18 21:30:00	4.87	35.52	81.11	6.94	11.85	15.65	0.02
SQU-US	2025-12-18 21:45:00	4.86	39.34	81.43	6.95	11.84	34.80	0.02
SQU-US	2025-12-18 22:00:00	4.87	39.40	82.32	6.93	11.85	17.31	0.02
SQU-US	2025-12-18 22:15:00	4.86	39.04	81.41	6.95	11.85	13.30	0.02
SQU-US	2025-12-18 22:30:00	4.86	38.87	81.96	6.94	11.87	14.61	0.02
SQU-US	2025-12-18 22:45:00	4.87	35.46	81.02	6.95	11.85	12.61	0.02
SQU-US	2025-12-18 23:00:00	4.87	35.13	82.39	6.92	11.83	9.46	0.01
SQU-US	2025-12-18 23:15:00	4.88	35.19	81.33	6.94	11.81	11.78	0.01
SQU-US	2025-12-18 23:30:00	4.87	34.58	81.30	6.97	11.78	24.79	0.01
SQU-US	2025-12-18 23:45:00	4.87	38.28	81.23	6.95	11.70	27.20	0.02
SQU-US	2025-12-19 00:00:00	4.85	37.70	80.97	6.98	11.37	17.04	0.02
SQU-US	2025-12-19 00:15:00	4.84	37.68	82.01	6.96	11.33	9.79	0.02
SQU-US	2025-12-19 00:30:00	4.82	37.78	80.68	6.97	11.24	11.37	0.02
SQU-US	2025-12-19 00:45:00	4.80	34.68	80.37	6.97	11.18	19.66	0.01
SQU-US	2025-12-19 01:00:00	4.78	34.33	81.62	6.98	11.57	11.37	0.01
SQU-US	2025-12-19 01:15:00	4.78	34.49	81.59	6.97	11.65	9.78	0.01
SQU-US	2025-12-19 01:30:00	4.75	34.24	81.03	6.97	11.71	14.26	0.01
SQU-US	2025-12-19 01:45:00	4.74	35.19	80.53	6.98	11.58	33.06	0.01
SQU-US	2025-12-19 02:00:00	4.73	35.66	81.65	6.97	11.26	10.85	0.02
SQU-US	2025-12-19 02:15:00	4.71	35.37	81.73	6.98	11.33	14.17	0.02
SQU-US	2025-12-19 02:30:00	4.69	35.18	80.97	6.99	11.40	13.00	0.01
SQU-US	2025-12-19 02:45:00	4.68	33.96	81.20	6.98	11.33	19.06	0.01
SQU-US	2025-12-19 03:00:00	4.66	33.82	80.74	6.98	11.40	13.30	0.01
SQU-US	2025-12-19 03:15:00	4.63	33.36	82.61	6.96	11.45	9.54	0.01
SQU-US	2025-12-19 03:30:00	4.62	33.23	83.49	6.96	11.30	10.38	0.01
SQU-US	2025-12-19 03:45:00	4.58	33.31	82.89	6.98	11.23	11.89	0.01
SQU-US	2025-12-19 04:00:00	4.56	33.34	85.42	7.00	10.98	9.41	0.01
SQU-US	2025-12-19 04:15:00	4.54	33.13	88.94	7.01	10.93	10.37	0.01
SQU-US	2025-12-19 04:30:00	4.51	32.96	92.30	7.03	10.91	11.71	0.01
SQU-US	2025-12-19 04:45:00	4.48	32.35	97.61	7.04	10.96	12.22	0.01
SQU-US	2025-12-19 05:00:00	4.44	32.05	108.24	7.07	10.95	11.47	0.01
SQU-US	2025-12-19 05:15:00	4.42	32.19	114.01	7.07	11.00	10.00	0.01
SQU-US	2025-12-19 05:30:00	4.41	32.22	115.84	7.07	10.95	10.54	0.01
SQU-US	2025-12-19 05:45:00	4.40	32.43	117.29	7.07	10.88	10.50	0.01
SQU-US	2025-12-19 06:00:00	4.38	32.06	117.72	7.08	10.81	9.45	0.01
SQU-US	2025-12-19 06:15:00	4.37	32.15	118.88	7.08	10.78	12.62	0.01
SQU-US	2025-12-19 06:30:00	4.36	32.33	118.47	7.09	10.69	9.33	0.01
SQU-US	2025-12-19 06:45:00	4.36	32.39	119.09	7.10	10.60	8.97	0.01
SQU-US	2025-12-19 07:00:00	4.36	32.67	118.10	7.07	10.51	8.93	0.01
SQU-US	2025-12-19 07:15:00	4.37	32.62	106.15	7.07	10.43	8.31	0.01
SQU-US	2025-12-19 07:30:00	4.38	33.01	99.69	7.06	10.41	9.21	0.01
SQU-US	2025-12-19 07:45:00	4.40	33.69	91.78	7.03	10.43	8.85	0.01
SQU-US	2025-12-19 08:00:00	4.41	33.63	87.10	7.01	10.42	8.29	0.01
SQU-US	2025-12-19 08:15:00	4.43	33.96	84.39	6.98	10.37	9.44	0.01
SQU-US	2025-12-19 08:30:00	4.45	34.44	82.12	6.97	10.37	9.13	0.01
SQU-US	2025-12-19 08:45:00	4.48	35.17	81.55	6.95	10.27	11.26	0.01
SQU-US	2025-12-19 09:00:00	4.50	35.57	79.55	6.92	10.21	8.45	0.02
SQU-US	2025-12-19 09:15:00	4.51	35.78	78.47	6.93	10.15	10.29	0.02
SQU-US	2025-12-19 09:30:00	4.53	35.86	77.66	6.91	10.04	9.85	0.02
SQU-US	2025-12-19 09:45:00	4.57	36.09	77.84	6.91	9.89	9.96	0.02
SQU-US	2025-12-19 10:00:00	4.58	35.70	78.87	6.90	9.75	13.15	0.02
SQU-US	2025-12-19 10:15:00	4.60	35.82	80.62	6.90	9.56	13.50	0.02
SQU-US	2025-12-19 10:30:00	4.60	35.71	83.02	6.90	9.46	10.42	0.02
SQU-US	2025-12-19 10:45:00	4.62	36.07	83.73	6.91	9.35	11.79	0.02

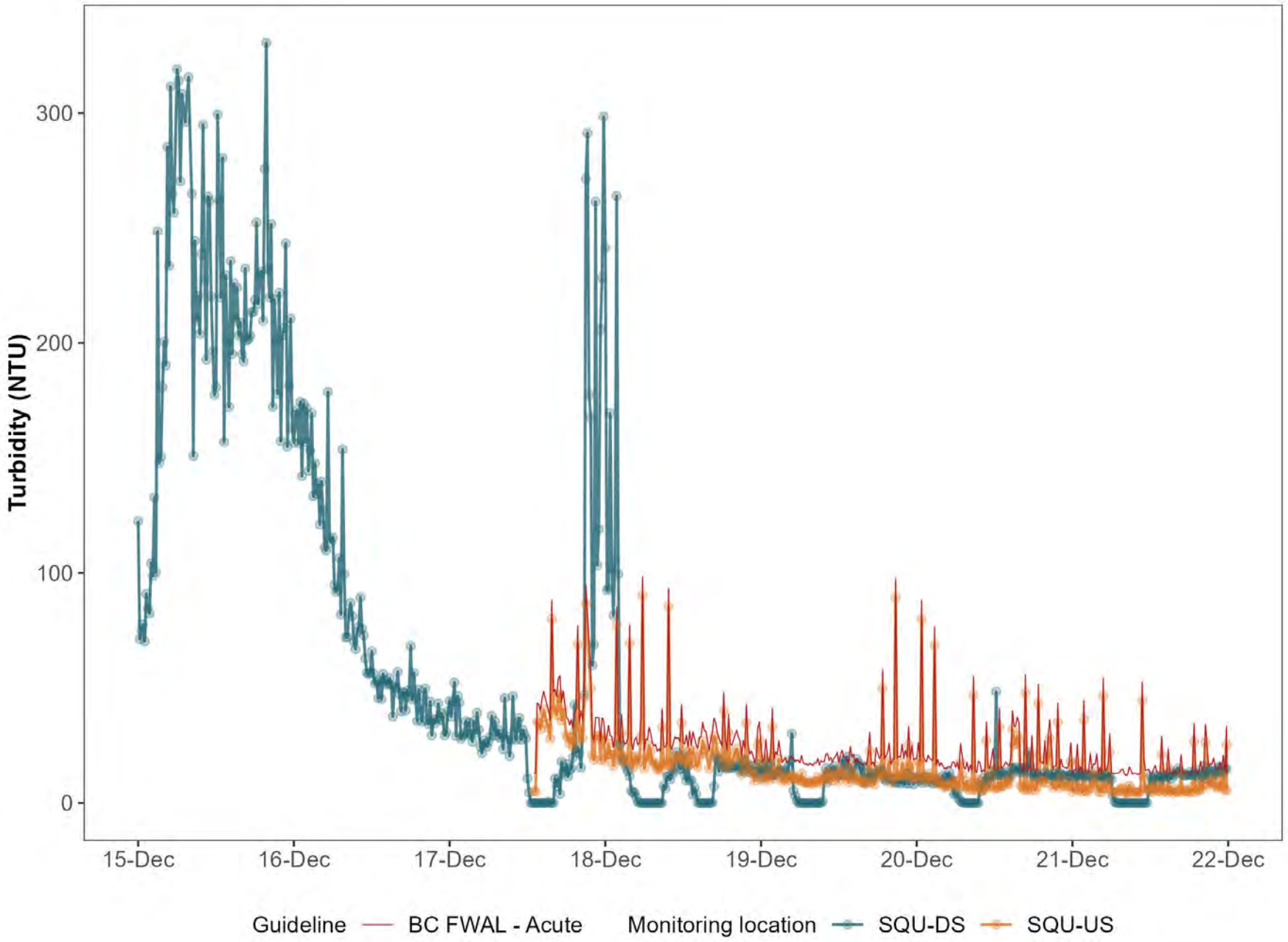
Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-US	2025-12-19 11:00:00	4.63	36.42	84.13	6.89	9.21	9.51	0.02
SQU-US	2025-12-19 11:15:00	4.65	36.61	83.45	6.89	9.11	11.53	0.02
SQU-US	2025-12-19 11:30:00	4.65	36.34	83.35	6.91	9.09	12.30	0.02
SQU-US	2025-12-19 11:45:00	4.65	35.96	82.71	6.91	9.04	13.96	0.02
SQU-US	2025-12-19 12:00:00	4.66	35.93	82.63	6.91	9.15	9.38	0.02
SQU-US	2025-12-19 12:15:00	4.67	35.88	83.00	6.92	9.17	13.03	0.02
SQU-US	2025-12-19 12:30:00	4.67	35.71	83.38	6.94	9.25	14.88	0.02
SQU-US	2025-12-19 12:45:00	4.67	35.62	84.25	6.95	9.31	12.14	0.02
SQU-US	2025-12-19 13:00:00	4.67	35.41	85.05	6.95	9.31	11.49	0.02
SQU-US	2025-12-19 13:15:00	4.68	35.34	86.51	6.95	9.30	10.63	0.02
SQU-US	2025-12-19 13:30:00	4.70	35.28	86.99	6.95	9.27	9.05	0.02
SQU-US	2025-12-19 13:45:00	4.72	35.17	86.72	6.97	9.19	16.61	0.01
SQU-US	2025-12-19 14:00:00	4.73	35.26	89.16	6.95	9.14	12.13	0.01
SQU-US	2025-12-19 14:15:00	4.72	35.00	89.44	6.97	9.16	13.23	0.01
SQU-US	2025-12-19 14:30:00	4.74	35.32	88.39	6.97	9.12	9.83	0.02
SQU-US	2025-12-19 14:45:00	4.76	35.88	86.05	6.97	9.07	11.03	0.02
SQU-US	2025-12-19 15:00:00	4.75	35.65	86.81	6.98	9.05	9.97	0.02
SQU-US	2025-12-19 15:15:00	4.76	35.88	87.08	6.97	9.01	9.91	0.02
SQU-US	2025-12-19 15:30:00	4.75	35.64	87.33	6.99	8.98	8.73	0.02
SQU-US	2025-12-19 15:45:00	4.77	35.84	86.52	6.98	8.90	8.86	0.02
SQU-US	2025-12-19 16:00:00	4.77	40.00	85.39	6.98	11.98	9.37	0.02
SQU-US	2025-12-19 16:15:00	4.79	40.66	84.79	6.95	11.96	8.29	0.02
SQU-US	2025-12-19 16:30:00	4.79	40.45	82.58	6.96	11.97	13.17	0.02
SQU-US	2025-12-19 16:45:00	4.79	44.05	84.91	6.91	11.96	22.61	0.02
SQU-US	2025-12-19 17:00:00	4.80	44.35	82.49	6.91	11.93	8.85	0.02
SQU-US	2025-12-19 17:15:00	4.81	44.97	81.93	6.93	11.92	9.77	0.02
SQU-US	2025-12-19 17:30:00	4.83	45.85	81.27	6.93	11.91	8.05	0.02
SQU-US	2025-12-19 17:45:00	4.81	40.94	80.83	6.94	11.93	15.99	0.02
SQU-US	2025-12-19 18:00:00	4.83	41.10	80.09	6.93	11.90	13.61	0.02
SQU-US	2025-12-19 18:15:00	4.82	41.12	80.34	6.94	11.92	11.27	0.02
SQU-US	2025-12-19 18:30:00	4.83	41.39	80.62	6.94	11.91	12.33	0.02
SQU-US	2025-12-19 18:45:00	4.81	45.22	84.10	6.92	11.96	49.83	0.02
SQU-US	2025-12-19 19:00:00	4.80	44.57	81.73	6.93	11.96	11.25	0.02
SQU-US	2025-12-19 19:15:00	4.79	44.49	82.54	6.97	11.98	12.20	0.02
SQU-US	2025-12-19 19:30:00	4.81	45.18	82.75	6.94	11.97	13.67	0.02
SQU-US	2025-12-19 19:45:00	4.79	40.68	83.89	6.96	12.00	18.03	0.02
SQU-US	2025-12-19 20:00:00	4.79	40.89	81.23	6.96	11.98	8.76	0.02
SQU-US	2025-12-19 20:15:00	4.79	40.89	82.83	6.94	11.99	10.55	0.02
SQU-US	2025-12-19 20:30:00	4.76	40.18	82.12	6.97	12.01	11.06	0.02
SQU-US	2025-12-19 20:45:00	4.77	45.59	83.80	6.93	12.00	89.44	0.02
SQU-US	2025-12-19 21:00:00	4.75	45.41	83.10	6.96	12.01	11.50	0.02
SQU-US	2025-12-19 21:15:00	4.74	45.60	83.14	6.95	12.01	12.16	0.02
SQU-US	2025-12-19 21:30:00	4.74	45.64	84.01	6.97	12.02	12.00	0.02
SQU-US	2025-12-19 21:45:00	4.73	40.73	83.45	6.95	12.01	17.45	0.02
SQU-US	2025-12-19 22:00:00	4.73	41.03	82.68	6.96	12.02	11.50	0.02
SQU-US	2025-12-19 22:15:00	4.72	40.69	82.71	6.96	12.03	14.91	0.02
SQU-US	2025-12-19 22:30:00	4.73	41.03	82.03	6.96	12.02	11.82	0.02
SQU-US	2025-12-19 22:45:00	4.72	45.45	84.18	6.94	12.02	25.16	0.02
SQU-US	2025-12-19 23:00:00	4.72	45.18	81.95	6.98	12.03	10.83	0.02
SQU-US	2025-12-19 23:15:00	4.72	45.13	81.77	6.97	12.03	17.01	0.02
SQU-US	2025-12-19 23:30:00	4.72	45.45	81.83	6.99	12.03	10.73	0.02
SQU-US	2025-12-19 23:45:00	4.72	42.54	81.90	6.97	12.04	11.24	0.02
SQU-US	2025-12-20 00:00:00	4.73	42.80	82.02	6.96	12.05	11.16	0.02
SQU-US	2025-12-20 00:15:00	4.73	42.65	81.60	6.97	12.03	18.37	0.02
SQU-US	2025-12-20 00:30:00	4.72	42.18	80.85	6.97	12.05	10.30	0.02

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-US	2025-12-20 00:45:00	4.72	45.74	84.51	6.95	12.05	80.16	0.02
SQU-US	2025-12-20 01:00:00	4.72	46.08	82.88	6.97	12.04	12.26	0.02
SQU-US	2025-12-20 01:15:00	4.71	45.69	82.36	6.97	12.06	10.71	0.02
SQU-US	2025-12-20 01:30:00	4.70	45.28	82.31	6.99	12.06	9.86	0.02
SQU-US	2025-12-20 01:45:00	4.72	43.14	83.27	6.98	12.05	12.73	0.02
SQU-US	2025-12-20 02:00:00	4.71	43.04	81.57	6.98	12.05	11.28	0.02
SQU-US	2025-12-20 02:15:00	4.71	43.03	80.89	6.99	12.04	10.60	0.02
SQU-US	2025-12-20 02:30:00	4.71	42.97	82.96	6.96	12.04	10.64	0.02
SQU-US	2025-12-20 02:45:00	4.70	45.50	83.55	6.96	12.06	68.47	0.02
SQU-US	2025-12-20 03:00:00	4.70	45.68	81.81	6.99	12.05	8.64	0.02
SQU-US	2025-12-20 03:15:00	4.68	45.15	81.84	6.99	12.07	10.81	0.02
SQU-US	2025-12-20 03:30:00	4.68	45.10	82.57	6.99	12.07	8.07	0.02
SQU-US	2025-12-20 03:45:00	4.67	42.43	81.69	7.00	12.07	9.42	0.02
SQU-US	2025-12-20 04:00:00	4.67	42.22	81.35	6.98	12.08	8.12	0.02
SQU-US	2025-12-20 04:15:00	4.65	42.22	81.34	7.00	12.10	6.86	0.02
SQU-US	2025-12-20 04:30:00	4.65	42.51	81.65	7.02	12.10	7.07	0.02
SQU-US	2025-12-20 04:45:00	4.65	45.48	84.44	6.98	12.09	107.01	0.02
SQU-US	2025-12-20 05:00:00	4.63	44.63	82.26	7.00	12.14	7.84	0.02
SQU-US	2025-12-20 05:15:00	4.59	43.76	86.11	7.03	12.18	7.34	0.02
SQU-US	2025-12-20 05:30:00	4.55	43.05	101.44	7.06	12.25	9.62	0.02
SQU-US	2025-12-20 05:45:00	4.55	40.54	106.66	7.08	12.26	9.75	0.02
SQU-US	2025-12-20 06:00:00	4.55	40.80	107.69	7.09	12.25	7.45	0.02
SQU-US	2025-12-20 06:15:00	4.55	41.52	107.57	7.09	12.24	9.56	0.02
SQU-US	2025-12-20 06:30:00	4.55	41.84	110.01	7.07	12.25	6.34	0.02
SQU-US	2025-12-20 06:45:00	4.53	44.26	111.05	7.04	12.26	17.81	0.02
SQU-US	2025-12-20 07:00:00	4.53	44.90	108.87	7.07	12.26	12.43	0.02
SQU-US	2025-12-20 07:15:00	4.52	45.48	109.16	7.08	12.26	7.37	0.02
SQU-US	2025-12-20 07:30:00	4.51	45.09	109.75	7.08	12.28	6.80	0.02
SQU-US	2025-12-20 07:45:00	4.50	43.04	107.99	7.08	12.29	9.66	0.02
SQU-US	2025-12-20 08:00:00	4.51	43.03	101.92	7.09	12.27	5.67	0.02
SQU-US	2025-12-20 08:15:00	4.52	43.24	93.37	7.07	12.25	8.45	0.02
SQU-US	2025-12-20 08:30:00	4.55	44.27	83.86	7.05	12.19	6.06	0.02
SQU-US	2025-12-20 08:45:00	4.58	47.69	82.12	6.99	12.10	47.02	0.02
SQU-US	2025-12-20 09:00:00	4.60	48.16	77.22	7.01	12.07	6.07	0.02
SQU-US	2025-12-20 09:15:00	4.62	49.07	77.69	6.95	12.04	5.34	0.02
SQU-US	2025-12-20 09:30:00	4.64	49.59	75.56	6.94	11.98	10.16	0.02
SQU-US	2025-12-20 09:45:00	4.66	46.67	75.04	7.03	11.97	9.38	0.02
SQU-US	2025-12-20 10:00:00	4.67	46.70	75.96	6.94	11.95	5.36	0.02
SQU-US	2025-12-20 10:15:00	4.68	46.82	76.00	6.94	11.91	6.29	0.02
SQU-US	2025-12-20 10:30:00	4.67	46.30	77.13	6.95	11.96	5.85	0.02
SQU-US	2025-12-20 10:45:00	4.68	50.07	80.71	6.90	11.94	27.17	0.02
SQU-US	2025-12-20 11:00:00	4.68	49.75	78.15	6.95	11.94	7.73	0.02
SQU-US	2025-12-20 11:15:00	4.69	49.90	79.96	6.86	11.93	6.98	0.02
SQU-US	2025-12-20 11:30:00	4.67	49.14	80.86	6.93	11.99	11.01	0.02
SQU-US	2025-12-20 11:45:00	4.66	45.18	81.51	7.04	12.04	15.50	0.02
SQU-US	2025-12-20 12:00:00	4.65	44.41	82.81	6.98	12.07	6.15	0.02
SQU-US	2025-12-20 12:15:00	4.65	44.43	82.41	6.99	12.07	6.63	0.02
SQU-US	2025-12-20 12:30:00	4.65	44.57	83.67	6.99	12.07	6.53	0.02
SQU-US	2025-12-20 12:45:00	4.67	48.41	84.83	6.96	12.06	33.08	0.02
SQU-US	2025-12-20 13:00:00	4.68	49.36	81.93	6.96	12.04	6.86	0.02
SQU-US	2025-12-20 13:15:00	4.68	48.97	82.16	6.96	12.05	7.43	0.02
SQU-US	2025-12-20 13:30:00	4.67	48.78	82.06	6.97	12.06	8.53	0.02
SQU-US	2025-12-20 13:45:00	4.67	44.76	81.79	7.03	12.06	9.75	0.02
SQU-US	2025-12-20 14:00:00	4.66	44.49	82.00	7.00	12.09	8.51	0.02
SQU-US	2025-12-20 14:15:00	4.66	44.65	82.93	7.00	12.09	8.17	0.02

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-US	2025-12-20 14:30:00	4.65	44.57	83.99	7.01	12.10	11.23	0.02
SQU-US	2025-12-20 14:45:00	4.65	48.63	85.97	6.97	12.10	32.03	0.02
SQU-US	2025-12-20 15:00:00	4.65	48.65	83.63	6.99	12.09	25.31	0.02
SQU-US	2025-12-20 15:15:00	4.64	48.32	84.69	6.98	12.10	25.67	0.02
SQU-US	2025-12-20 15:30:00	4.62	48.35	84.56	7.00	12.12	29.35	0.02
SQU-US	2025-12-20 15:45:00	4.60	44.63	83.93	7.01	12.13	27.00	0.02
SQU-US	2025-12-20 16:00:00	4.60	45.39	84.28	7.01	12.12	7.63	0.02
SQU-US	2025-12-20 16:15:00	4.59	45.60	85.25	6.99	12.12	7.00	0.02
SQU-US	2025-12-20 16:30:00	4.58	45.62	84.46	7.00	12.12	5.70	0.02
SQU-US	2025-12-20 16:45:00	4.56	49.14	86.24	6.98	12.14	47.77	0.02
SQU-US	2025-12-20 17:00:00	4.55	49.28	84.95	6.96	12.13	5.78	0.02
SQU-US	2025-12-20 17:15:00	4.55	49.75	83.92	6.99	12.12	7.39	0.02
SQU-US	2025-12-20 17:30:00	4.55	49.55	84.08	6.96	12.10	5.85	0.02
SQU-US	2025-12-20 17:45:00	4.55	46.68	83.55	6.98	12.11	21.25	0.02
SQU-US	2025-12-20 18:00:00	4.54	46.08	83.35	6.99	12.12	8.13	0.02
SQU-US	2025-12-20 18:15:00	4.55	46.49	82.58	6.98	12.09	5.54	0.02
SQU-US	2025-12-20 18:30:00	4.54	46.27	84.60	6.96	12.10	6.86	0.02
SQU-US	2025-12-20 18:45:00	4.54	49.51	85.76	6.95	12.10	43.53	0.02
SQU-US	2025-12-20 19:00:00	4.54	49.18	85.09	6.92	12.11	10.04	0.02
SQU-US	2025-12-20 19:15:00	4.54	48.93	85.91	6.96	12.11	9.46	0.02
SQU-US	2025-12-20 19:30:00	4.54	49.29	85.97	6.95	12.11	9.07	0.02
SQU-US	2025-12-20 19:45:00	4.54	46.28	85.62	6.98	12.10	18.97	0.02
SQU-US	2025-12-20 20:00:00	4.53	46.07	84.97	6.96	12.12	8.79	0.02
SQU-US	2025-12-20 20:15:00	4.54	46.00	83.84	6.97	12.11	20.86	0.02
SQU-US	2025-12-20 20:30:00	4.52	44.77	84.17	6.96	12.14	28.20	0.02
SQU-US	2025-12-20 20:45:00	4.52	49.08	84.80	6.96	12.13	278.40	0.02
SQU-US	2025-12-20 21:00:00	4.53	49.02	83.35	6.97	12.14	6.62	0.02
SQU-US	2025-12-20 21:15:00	4.54	49.15	83.65	6.92	12.11	7.97	0.02
SQU-US	2025-12-20 21:30:00	4.52	48.14	82.74	6.95	12.13	8.07	0.02
SQU-US	2025-12-20 21:45:00	4.53	43.50	82.30	6.96	12.12	35.22	0.02
SQU-US	2025-12-20 22:00:00	4.52	43.00	83.12	6.98	12.12	6.67	0.02
SQU-US	2025-12-20 22:15:00	4.53	42.66	83.24	6.99	12.12	11.01	0.02
SQU-US	2025-12-20 22:30:00	4.54	42.28	83.98	6.98	12.12	7.77	0.02
SQU-US	2025-12-20 22:45:00	4.55	49.89	85.63	6.96	12.11	171.62	0.02
SQU-US	2025-12-20 23:00:00	4.54	49.01	83.01	6.99	12.14	7.17	0.02
SQU-US	2025-12-20 23:15:00	4.53	48.76	83.32	7.00	12.15	7.12	0.02
SQU-US	2025-12-20 23:30:00	4.54	48.81	83.50	6.99	12.14	9.59	0.02
SQU-US	2025-12-20 23:45:00	4.54	46.04	84.24	7.00	12.14	18.19	0.02
SQU-US	2025-12-21 00:00:00	4.53	45.31	84.21	6.99	12.15	4.94	0.02
SQU-US	2025-12-21 00:15:00	4.53	44.84	83.58	7.01	12.15	6.28	0.02
SQU-US	2025-12-21 00:30:00	4.52	44.62	84.36	7.01	12.16	6.55	0.02
SQU-US	2025-12-21 00:45:00	4.53	41.42	85.51	6.99	12.15	17.46	0.02
SQU-US	2025-12-21 01:00:00	4.53	41.34	83.67	7.00	12.14	5.36	0.02
SQU-US	2025-12-21 01:15:00	4.53	41.21	85.19	6.99	12.14	7.75	0.02
SQU-US	2025-12-21 01:30:00	4.55	41.61	83.63	7.00	12.13	4.92	0.02
SQU-US	2025-12-21 01:45:00	4.54	44.34	84.99	7.00	12.16	36.43	0.02
SQU-US	2025-12-21 02:00:00	4.54	44.64	84.20	7.00	12.14	5.29	0.02
SQU-US	2025-12-21 02:15:00	4.54	44.27	84.20	7.01	12.15	4.83	0.02
SQU-US	2025-12-21 02:30:00	4.54	44.47	84.82	7.01	12.15	6.03	0.02
SQU-US	2025-12-21 02:45:00	4.55	48.47	83.79	7.01	12.14	13.54	0.02
SQU-US	2025-12-21 03:00:00	4.54	48.16	84.51	7.00	12.15	6.73	0.02
SQU-US	2025-12-21 03:15:00	4.53	47.89	84.59	7.01	12.16	8.87	0.02
SQU-US	2025-12-21 03:30:00	4.53	47.63	83.53	7.01	12.16	8.79	0.02
SQU-US	2025-12-21 03:45:00	4.54	43.37	83.75	7.02	12.16	13.37	0.02
SQU-US	2025-12-21 04:00:00	4.55	43.52	84.02	7.00	12.14	4.75	0.02

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-US	2025-12-21 04:15:00	4.54	43.03	83.27	7.02	12.15	7.36	0.02
SQU-US	2025-12-21 04:30:00	4.55	43.34	82.24	7.03	12.13	4.62	0.02
SQU-US	2025-12-21 04:45:00	4.55	39.26	82.98	7.03	12.13	46.27	0.02
SQU-US	2025-12-21 05:00:00	4.54	38.90	81.64	7.06	12.16	6.35	0.02
SQU-US	2025-12-21 05:15:00	4.53	38.61	82.25	7.07	12.16	6.16	0.02
SQU-US	2025-12-21 05:30:00	4.53	38.28	81.50	7.08	12.19	9.00	0.02
SQU-US	2025-12-21 05:45:00	4.53	42.32	82.36	7.07	12.19	21.88	0.02
SQU-US	2025-12-21 06:00:00	4.51	42.09	87.36	7.12	12.25	4.98	0.02
SQU-US	2025-12-21 06:15:00	4.47	41.19	101.49	7.13	12.31	4.96	0.02
SQU-US	2025-12-21 06:30:00	4.48	41.74	106.91	7.14	12.29	4.72	0.02
SQU-US	2025-12-21 06:45:00	4.50	47.52	110.08	7.08	12.27	148.14	0.02
SQU-US	2025-12-21 07:00:00	4.51	47.84	107.93	7.05	12.24	4.95	0.02
SQU-US	2025-12-21 07:15:00	4.51	47.66	108.96	7.08	12.26	5.37	0.02
SQU-US	2025-12-21 07:30:00	4.52	48.46	110.05	7.03	12.24	6.29	0.02
SQU-US	2025-12-21 07:45:00	4.51	45.56	109.76	7.17	12.25	6.77	0.02
SQU-US	2025-12-21 08:00:00	4.52	46.82	110.54	7.10	12.23	4.68	0.02
SQU-US	2025-12-21 08:15:00	4.51	45.96	110.76	7.11	12.26	4.10	0.02
SQU-US	2025-12-21 08:30:00	4.50	46.17	109.71	7.11	12.26	4.36	0.02
SQU-US	2025-12-21 08:45:00	4.50	48.99	108.91	7.09	12.25	7.48	0.02
SQU-US	2025-12-21 09:00:00	4.50	49.38	101.21	7.11	12.23	6.39	0.02
SQU-US	2025-12-21 09:15:00	4.52	49.58	90.21	7.07	12.19	4.53	0.02
SQU-US	2025-12-21 09:30:00	4.55	50.03	84.69	7.05	12.15	4.88	0.02
SQU-US	2025-12-21 09:45:00	4.59	47.68	80.85	7.06	12.05	4.79	0.02
SQU-US	2025-12-21 10:00:00	4.63	48.82	79.22	7.00	11.98	4.53	0.02
SQU-US	2025-12-21 10:15:00	4.67	49.61	76.14	6.98	11.89	4.52	0.02
SQU-US	2025-12-21 10:30:00	4.67	48.98	75.48	6.98	11.92	5.35	0.02
SQU-US	2025-12-21 10:45:00	4.69	53.46	78.51	6.94	11.89	44.49	0.02
SQU-US	2025-12-21 11:00:00	4.69	52.62	78.27	6.90	11.90	11.00	0.02
SQU-US	2025-12-21 11:15:00	4.70	52.41	78.20	6.91	11.88	6.19	0.02
SQU-US	2025-12-21 11:30:00	4.69	52.32	79.23	6.93	11.92	6.33	0.02
SQU-US	2025-12-21 11:45:00	4.68	48.43	80.92	7.00	11.97	6.60	0.02
SQU-US	2025-12-21 12:00:00	4.67	47.78	82.73	7.00	12.00	4.88	0.02
SQU-US	2025-12-21 12:15:00	4.66	47.71	86.12	6.98	12.03	4.72	0.02
SQU-US	2025-12-21 12:30:00	4.65	47.14	86.29	7.01	12.05	6.58	0.02
SQU-US	2025-12-21 12:45:00	4.67	50.91	88.92	6.98	12.04	8.34	0.02
SQU-US	2025-12-21 13:00:00	4.68	49.99	87.48	6.98	12.05	5.56	0.02
SQU-US	2025-12-21 13:15:00	4.71	50.41	87.79	6.96	12.03	5.12	0.02
SQU-US	2025-12-21 13:30:00	4.71	49.45	86.55	6.98	12.04	5.18	0.02
SQU-US	2025-12-21 13:45:00	4.73	46.70	87.55	7.03	12.03	20.93	0.02
SQU-US	2025-12-21 14:00:00	4.75	46.75	87.09	7.02	12.02	6.59	0.02
SQU-US	2025-12-21 14:15:00	4.75	46.10	86.58	7.02	12.03	5.11	0.02
SQU-US	2025-12-21 14:30:00	4.75	46.20	88.10	7.03	12.04	4.49	0.02
SQU-US	2025-12-21 14:45:00	4.76	50.33	87.68	7.00	12.04	15.40	0.02
SQU-US	2025-12-21 15:00:00	4.76	50.59	84.79	7.01	12.03	5.23	0.02
SQU-US	2025-12-21 15:15:00	4.75	50.20	84.50	6.99	12.04	5.30	0.02
SQU-US	2025-12-21 15:30:00	4.75	50.57	83.79	7.03	12.03	4.39	0.02
SQU-US	2025-12-21 15:45:00	4.74	46.25	83.97	7.10	12.05	6.21	0.02
SQU-US	2025-12-21 16:00:00	4.75	47.03	84.61	7.04	12.02	4.98	0.02
SQU-US	2025-12-21 16:15:00	4.73	46.45	84.32	7.05	12.05	4.76	0.02
SQU-US	2025-12-21 16:30:00	4.74	46.43	85.02	7.03	12.04	5.51	0.02
SQU-US	2025-12-21 16:45:00	4.76	51.21	86.23	7.00	12.01	12.97	0.02
SQU-US	2025-12-21 17:00:00	4.75	50.87	81.86	7.03	12.03	4.74	0.02
SQU-US	2025-12-21 17:15:00	4.76	51.18	81.67	7.01	12.02	5.25	0.02
SQU-US	2025-12-21 17:30:00	4.75	50.68	81.99	7.01	12.04	5.13	0.02
SQU-US	2025-12-21 17:45:00	4.75	46.77	81.93	7.03	12.02	5.70	0.02

Squamish River								
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**	**Salinity (PSU)**
SQU-US	2025-12-21 18:00:00	4.74	46.56	83.60	7.05	12.04	4.83	0.02
SQU-US	2025-12-21 18:15:00	4.75	47.69	85.07	7.04	12.00	4.56	0.02
SQU-US	2025-12-21 18:30:00	4.73	46.57	83.60	7.04	12.04	7.15	0.02
SQU-US	2025-12-21 18:45:00	4.72	51.70	86.12	7.01	12.02	26.52	0.02
SQU-US	2025-12-21 19:00:00	4.70	51.02	84.71	7.03	12.03	4.95	0.02
SQU-US	2025-12-21 19:15:00	4.68	50.90	87.41	6.97	12.04	6.09	0.02
SQU-US	2025-12-21 19:30:00	4.68	50.36	88.24	6.96	12.02	5.62	0.02
SQU-US	2025-12-21 19:45:00	4.66	45.30	88.92	6.99	12.04	10.12	0.02
SQU-US	2025-12-21 20:00:00	4.65	45.36	87.23	7.01	12.04	6.02	0.02
SQU-US	2025-12-21 20:15:00	4.64	44.96	87.53	7.00	12.04	7.63	0.02
SQU-US	2025-12-21 20:30:00	4.63	44.20	87.17	7.01	12.04	26.21	0.02
SQU-US	2025-12-21 20:45:00	4.64	50.10	88.38	6.96	12.04	107.95	0.02
SQU-US	2025-12-21 21:00:00	4.62	49.30	88.19	6.95	12.06	7.70	0.02
SQU-US	2025-12-21 21:15:00	4.62	49.59	88.95	6.94	12.06	9.16	0.02
SQU-US	2025-12-21 21:30:00	4.60	49.09	88.85	6.95	12.06	8.79	0.02
SQU-US	2025-12-21 21:45:00	4.57	43.69	87.36	7.01	12.10	11.56	0.02
SQU-US	2025-12-21 22:00:00	4.56	43.09	84.74	7.01	12.11	7.59	0.02
SQU-US	2025-12-21 22:15:00	4.53	42.11	85.34	7.00	12.13	6.74	0.02
SQU-US	2025-12-21 22:30:00	4.53	42.10	85.07	7.01	12.13	6.88	0.02
SQU-US	2025-12-21 22:45:00	4.53	40.59	84.97	7.02	12.13	9.85	0.02
SQU-US	2025-12-21 23:00:00	4.53	41.12	85.94	7.01	12.12	6.69	0.02
SQU-US	2025-12-21 23:15:00	4.52	40.64	87.84	6.98	12.14	12.81	0.02
SQU-US	2025-12-21 23:30:00	4.51	40.25	85.66	7.02	12.15	5.76	0.02
SQU-US	2025-12-21 23:45:00	4.50	42.64	86.32	7.01	12.16	15.36	0.02


Turbidity (NTU)
300
200
100
0
15-Dec
16-Dec
17-Dec
18-Dec
19-Dec
20-Dec
21-Dec
22-Dec
Guideline
BC FWAL - Acute
Monitoring location
SQU-DS
SQU-US

Water Quality Field Data Sheet

Project: FORTIS11234

Location Information

Site ID:	SQU DS			**Date:**	December 16, 2025
Site Name:	Squamish River			**Time:**	13:39
Site UTM:	Zone:	E:	49.72537	**Crew:**	JM
(NAD83)		N:	-123.16512	**Weather:**	Rain

In Situ Parameters

pH:	6.73				
Temp.:	8.3	(°C)	Cond:	171	(us)
Turbidity:	37.8	NTU			

Visible Sheen: No

Water Surface Condition: Naturally turbid

Photo Record

Observations

Water Quality Field Data Sheet

Project: FORTIS11234

Location Information

Site ID:	SQU US			**Date:**	December 16, 2025
Site Name:	Squamish River			**Time:**	13:54
Site UTM:	Zone:	E:	49.72688	**Crew:**	JM
(NAD83)		N:	-123.16369	**Weather:**	Rain

In Situ Parameters

pH:	6.88				
Temp.:	6.2	(°C)	Cond:	60	(us)
Turbidity:	26.6	NTU			
Visible Sheen:	No				
Water Surface Condition:	Naturally turbid				

Photo Record

Observations

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

Woodfibre Site Sample Analysis

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	**WLNG EOP 2025-12-16 08:04:00**
In situ Parameters								
Field pH	pH Units		6.5 - 9		7 - 8.7			**6.68**
Field Temperature	°C	18	19					10.2
General Parameters								
pH	pH Units							7.47
Alkalinity (Total as $CaCO_3$)	mg/L							50
Alkalinity (PP as $CaCO_3$)	mg/L							<1
Hardness ($CaCO_3$)-Total	mg/L							62.1
Hardness ($CaCO_3$)-Dissolved	mg/L							58.9
Sulphide-Total	mg/L							<0.0018
Sulphide (as H_2S)	mg/L			0.002				<0.002
Anions and Nutrients								
Ammonia (N)-Total	mg/L	1.83	23.7		20	131		0.016
Bicarbonate (HCO_3)	mg/L							61
Carbonate (CO_3)	mg/L							<1
Hydroxide (OH)	mg/L							<1
Nitrate (N)	mg/L	3	32.8		3.7			<0.02
Nitrite (N)	mg/L	0.1	0.3					<0.005
Nitrate plus Nitrite (N)	mg/L							<0.02
Nitrogen (N)-Total	mg/L							0.112
Phosphorus (P)-Total (4500-P)	mg/L							0.0036
Bromide (Br)	mg/L							<0.01
Chloride (Cl)	mg/L	150	600					8.8
Fluoride (F)	mg/L		1.143			1.5		0.3
Sulphate (SO_4)-Dissolved	mg/L	218						12

[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).

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Total Metals								
Aluminum (Al)-Total	mg/L	0.03963						**0.397**
Antimony (Sb)-Total	mg/L	0.074	0.25					0.000169
Arsenic (As)-Total	mg/L	0.005			0.0125			0.00143
Barium (Ba)-Total	mg/L			1				0.0071
Beryllium (Be)-Total	mg/L			0.00013			0.1	<0.00001
Bismuth (Bi)-Total	mg/L							0.0000092
Boron (B)-Total	mg/L	1.2			1.2			0.011
Cadmium (Cd)-Total	mg/L						0.00012	0.0000164
Calcium (Ca)-Total	mg/L							23.2
Cesium (Cs)-Total	mg/L							0.000054
Chromium (Cr)-Total	mg/L							<0.0001
Chromium (Cr III)-Total	mg/L			0.0089			0.056	<0.00099
Chromium (Cr VI)-Total	mg/L			0.0025			0.0015	<0.00099
Cobalt (Co)-Total	mg/L	0.000419						0.0000671
Copper (Cu)-Total	mg/L				0.002	0.003		0.00175
Iron (Fe)-Total	mg/L		1					0.116
Lead (Pb)-Total	mg/L				0.002	0.14		0.000148
Lithium (Li)-Total	mg/L							0.00255
Magnesium (Mg)-Total	mg/L							1.02
Manganese (Mn)-Total	mg/L	0.878	1.224				0.1	0.0333
Mercury (Hg)-Total	mg/L	0.00002			0.00002			<0.0000019
Molybdenum (Mo)-Total	mg/L	7.6	46					0.0345
Nickel (Ni)-Total	mg/L						0.0083	0.000152
Phosphorus (P)-Total (ICPMS)	mg/L							0.003
Potassium (K)-Total	mg/L							1.03
Rubidium (Rb)-Total	mg/L							0.00243
Selenium (Se)-Total	mg/L	0.002			0.002			0.000051
Silicon (Si)-Total	mg/L							7.03
Silver (Ag)-Total	mg/L	0.00012			0.0005	0.0037	0.0005	<0.000005
Sodium (Na)-Total	mg/L							5.55
Strontium (Sr)-Total	mg/L							0.0498
Sulphur (S)-Total	mg/L							4.5
Tellurium (Te)-Total	mg/L							<0.00002
Thallium (Tl)-Total	mg/L			0.00003				0.0000109
Thorium (Th)-Total	mg/L							<0.00005
Tin (Sn)-Total	mg/L							<0.0002
Titanium (Ti)-Total	mg/L							0.00221
Uranium (U)-Total	mg/L		0.0165	0.0075				0.000922
Vanadium (V)-Total	mg/L			0.06			0.005	<0.0002
Zinc (Zn)-Total	mg/L				0.01	0.055		0.00386
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] 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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Dissolved Metals								
Aluminum (Al)-Dissolved	mg/L							0.0648
Antimony (Sb)-Dissolved	mg/L							0.000137
Arsenic (As)-Dissolved	mg/L							0.00117
Barium (Ba)-Dissolved	mg/L							0.006
Beryllium (Be)-Dissolved	mg/L							<0.00001
Bismuth (Bi)-Dissolved	mg/L							<0.000005
Boron (B)-Dissolved	mg/L							<0.01
Cadmium (Cd)-Dissolved	mg/L	0.000149	0.00036					0.000014
Calcium (Ca)-Dissolved	mg/L							22
Cesium (Cs)-Dissolved	mg/L							<0.00005
Chromium (Cr)-Dissolved	mg/L							<0.0001
Cobalt (Co)-Dissolved	mg/L	0.000419						0.000054
Copper (Cu)-Dissolved	mg/L	0.0002	0.0002					**0.000371**
Iron (Fe)-Dissolved	mg/L		0.35					0.0027
Lead (Pb)-Dissolved	mg/L	0.001688						<0.000005
Lithium (Li)-Dissolved	mg/L							0.00297
Manganese (Mn)-Dissolved	mg/L							0.0301
Magnesium (Mg)-Dissolved	mg/L							0.982
Mercury (Hg)-Dissolved	mg/L							<0.0000019
Molybdenum (Mo)-Dissolved	mg/L							0.0327
Nickel (Ni)-Dissolved	mg/L	0.0012	0.022					0.000133
Phosphorus (P)-Dissolved	mg/L							<0.002
Potassium (K)-Dissolved	mg/L							1.01
Rubidium (Rb)-Dissolved	mg/L							0.00217
Selenium (Se)-Dissolved	mg/L							0.000046
Silicon (Si)-Dissolved	mg/L							6.33
Silver (Ag)-Dissolved	mg/L							<0.000005
Sodium (Na)-Dissolved	mg/L							5.4
Strontium (Sr)-Dissolved	mg/L			1.25				0.0442
Sulphur (S)-Dissolved	mg/L							3.8
Tellurium (Te)-Dissolved	mg/L							<0.00002
Thallium (Tl)-Dissolved	mg/L							0.00001
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							0.000559
Vanadium (V)-Dissolved	mg/L							<0.0002
Zinc (Zn)-Dissolved	mg/L	0.010161	0.02514					0.00252
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).

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Inorganics								
Organic Carbon (C)-Total	mg/L							1.2
Organic Carbon (C)-Dissolved	mg/L							0.82
Solids-Total Dissolved	mg/L							48
Solids-Total Suspended	mg/L	8.2	28.2					4.4
Organics								
HEPH (C19-C32 less PAH)	mg/L							<0.2
LEPH (C10-C19 less PAH)	mg/L							<0.2
EPH (C10-C19)	mg/L							<0.2
EPH (C19-C32)	mg/L							<0.2
Ethylene Glycol	mg/L							<3
Diethylene Glycol	mg/L							<5
Triethylene Glycol	mg/L							<5
Propylene Glycol	mg/L							<5
Acenaphthene	mg/L	0.006			0.006			<0.00005
Acenaphthylene	mg/L							<0.00005
Acridine	mg/L	0.003						<0.00005
Anthracene	mg/L	0.004						<0.00001
Benzo(a)anthracene	mg/L	0.0001						<0.00001
Benzo(a)pyrene	mg/L	0.00001			0.00001			<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				0.0001			<0.00002
Dibenz(a,h)anthracene	mg/L							<0.000003
Fluoranthene	mg/L	0.004						<0.00002
Fluorene	mg/L	0.012			0.012			<0.00005
Indeno(1,2,3-cd)pyrene	mg/L							<0.00005
1-Methylnaphthalene	mg/L				0.001			<0.00005
2-Methylnaphthalene	mg/L				0.001			<0.0001
Naphthalene	mg/L	0.001	0.001		0.001			<0.0001
Phenanthrene	mg/L	0.0003						<0.00005
Pyrene	mg/L							<0.00002
Quinoline	mg/L							<0.00002
Low Molecular Weight PAH`s	mg/L							<0.0001
High Molecular Weight PAH`s	mg/L							<0.00005
Total PAH	mg/L							<0.0001
VH C6-C10	mg/L							<0.3
1,1,1,2-Tetrachloroethane	mg/L							<0.0005
1,1,1-Trichloroethane	mg/L							<0.0005
1,1,2,2-Tetrachloroethane	mg/L							<0.0005

[1] 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).

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Organics (cont'd.)								
1,1,2Trichloro-1,2,2Trifluoroethane	mg/L							<0.002
1,1,2-Trichloroethane	mg/L							<0.0005
1,1-Dichloroethane	mg/L							<0.0005
1,1-Dichloroethene	mg/L							<0.0005
1,2,3-trichlorobenzene	mg/L			0.008				<0.002
1,2,4-trichlorobenzene	mg/L			0.024			0.0054	<0.002
1,2-dibromoethane	mg/L							<0.0002
1,2-Dichlorobenzene	mg/L			0.0007			0.042	<0.0005
1,2-Dichloroethane	mg/L			0.1				<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			0.15				<0.0005
1,3-dichloropropane	mg/L							<0.001
1,4-Dichlorobenzene	mg/L			0.026				<0.0005
Benzene	mg/L	0.04			0.11			<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			0.0013			0.025	<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			0.0981				<0.002
Ethylbenzene	mg/L	0.2			0.25			<0.0004
Hexachlorobutadiene	mg/L							<0.0005
Isopropylbenzene	mg/L							<0.002
Methyl-tert-butylether (MTBE)	mg/L		3.4			0.44		<0.004
Styrene	mg/L			0.072				<0.0005
Tetrachloroethene	mg/L							<0.0005
Toluene	mg/L	0.0005						<0.0004
trans-1,2-dichloroethene	mg/L							<0.001
trans-1,3-dichloropropene	mg/L							<0.001
Trichloroethene	mg/L							<0.0005

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Organics (cont'd.)								
Trichlorofluoromethane	mg/L							<0.004
Vinyl chloride	mg/L							<0.0005
VPH (VH6 to 10 - BTEX)	mg/L							<0.3
Xylenes (Total)	mg/L	0.03						<0.0004
m & p-Xylene	mg/L							<0.0004
o-Xylene	mg/L							<0.0004
Phenols	mg/L		0.05					<0.0015
Rainbow Trout								
Rainbow Trout								
LC50	% vol/vol							>100%

[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).

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Woodfibre Site WTP Discharge Field Notes and Logs

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Table of Contents:

1. Executive Summary and Field Notes:

The discharged water consistently remained within regulatory guidelines. The key parameters, including temperature, NTU, pH, salinity, conductivity, and oxidation-reduction potential (ORP), were monitored throughout the discharge process and remained within the prescribed limits. There were some NTU spikes; however, they were intermittent and did not impact downstream conditions. 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 December 15 was 896,639 m³.

Daily Volume Summary:

Table 1: Discharge Volumes Daily Summary

Date	Location	Volume (m3)	Comments
December 15	Woodfibre (WF)	3,040	Exceeded discharge volume limit
December 16	WF	3,057	Exceeded discharge volume limit
December 17	WF	2,980	Exceeded discharge volume limit
December 18	WF	3,167	Exceeded discharge volume limit
December 19	WF	3,074	Exceeded discharge volume limit
December 20	WF	3,080	Exceeded discharge volume limit
December 21	WF	3,150	Exceeded discharge volume limit
	Total	21,548	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)
12/15/2025	0:00:00	7.1	2.498	2	896,639	12.2	257
12/15/2025	0:15:00	7	3.183	3.4	896,684	12.1	257
12/15/2025	0:30:00	7	2.521	2.1	896,727	12	257
12/15/2025	0:45:00	7	3.289	8.7	896,774	12	257
12/15/2025	1:00:00	7	2.562	10.4	896,807	12	257
12/15/2025	1:15:00	7	3.259	5.8	896,853	12.1	259
12/15/2025	1:45:00	7.1	3.441	6	896,931	12.2	259
12/15/2025	2:00:00	7.1	2.581	2.9	896,976	12.2	259
12/15/2025	2:15:00	7.1	3.255	6.9	897,023	12.2	259
12/15/2025	2:45:00	7.1	3.202	9.2	897,100	12.2	257
12/15/2025	3:00:00	7.1	2.487	2.9	897,141	12.2	257
12/15/2025	3:15:00	7.1	3.187	7.5	897,186	12.2	259
12/15/2025	3:30:00	7	2.487	2.5	897,228	12.2	259
12/15/2025	3:45:00	7	3.160	8.6	897,273	12.3	259
12/15/2025	4:00:00	7.1	2.502	3.1	897,314	12.3	259
12/15/2025	4:15:00	7.1	3.183	7.3	897,359	12.3	259
12/15/2025	4:30:00	7.1	2.464	2.3	897,401	12.3	257
12/15/2025	4:45:00	7	3.168	7.5	897,446	12.3	257
12/15/2025	5:00:00	7	2.509	2.8	897,489	12.3	257
12/15/2025	5:15:00	7	3.251	10.2	897,531	12.3	258
12/15/2025	5:30:00	7	2.525	2.9	897,570	12.2	257
12/15/2025	5:45:00	7	3.274	7.3	897,603	12.2	257

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/15/2025	6:00:00	7	2.589	3.2	897,647	12.1	257
12/15/2025	6:15:00	7	3.357	6.8	897,694	12.1	258
12/15/2025	6:30:00	7	2.574	4.5	897,739	12	259
12/15/2025	6:45:00	7	3.323	10.1	897,786	12	259
12/15/2025	7:15:00	7.1	3.342	8.8	897,841	12.1	258
12/15/2025	7:30:00	7.1	2.555	3.6	897,884	12.3	258
12/15/2025	7:45:00	7.1	3.316	14	897,933	12.5	258
12/15/2025	8:30:00	7.1	3.539	7.4	898,036	12.9	255
12/15/2025	8:45:00	7.1	3.354	15.9	898,087	12.7	254
12/15/2025	9:00:00	7	0.519	36.1	898,120	12.8	256
12/15/2025	9:15:00	7	3.482	14.6	898,166	12.5	257
12/15/2025	9:30:00	7	3.422	16	898,218	12.5	257
12/15/2025	9:45:00	7	3.251	6.4	898,244	12.5	258
12/15/2025	10:00:00	7	2.820	3.5	898,291	12.4	259
12/15/2025	10:15:00	7	3.202	4.4	898,338	12.4	259
12/15/2025	10:30:00	7.1	2.108	12.9	898,383	12.4	261
12/15/2025	10:45:00	7.1	3.115	12.2	898,421	12.5	261
12/15/2025	11:00:00	7	2.502	10	898,456	12.5	260
12/15/2025	11:30:00	7	3.369	10	898,523	12.3	261
12/15/2025	12:00:00	7.1	3.512	5.1	898,558	12.4	260
12/15/2025	12:15:00	7.1	3.770	2.6	898,608	12.2	262
12/15/2025	12:30:00	7.1	3.058	401.2	898,651	12.3	262
12/15/2025	12:45:00	7.1	3.282	7.2	898,687	12.5	263
12/15/2025	13:15:00	7.1	3.331	12.7	898,745	12.9	263
12/15/2025	13:30:00	7	2.721	8.1	898,785	13.1	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	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/15/2025	13:45:00	7.1	3.372	5.6	898,829	13.1	263
12/15/2025	14:00:00	7.1	2.967	0.6	898,874	13.2	263
12/15/2025	14:15:00	7.1	3.528	4.7	898,923	13.3	263
12/15/2025	14:45:00	7.1	3.482	5.5	899,000	13.6	263
12/15/2025	15:00:00	7.1	3.407	10.3	899,045	13.7	263
12/15/2025	15:15:00	7.1	0.560	13.5	899,066	14.3	262
12/15/2025	15:30:00	7.1	3.403	5.1	899,105	13.7	261
12/15/2025	15:45:00	7.1	0.590	1	899,128	14.6	262
12/15/2025	16:00:00	7.1	3.429	2	899,178	13.9	262
12/15/2025	16:15:00	7	3.399	6.2	899,229	13.9	262
12/15/2025	16:30:00	7	3.509	4.5	899,281	14	262
12/15/2025	16:45:00	7.1	0.526	1.6	899,329	14.1	262
12/15/2025	17:00:00	7.1	3.372	2.9	899,355	14.2	264
12/15/2025	17:15:00	7.1	0.681	3.8	899,401	13.9	261
12/15/2025	17:30:00	7.1	1.556	1.8	899,427	13.2	261
12/15/2025	17:45:00	7.1	3.179	4	899,463	12.9	263
12/15/2025	18:00:00	7.1	2.971	4.8	899,508	12.8	262
12/15/2025	18:15:00	7.1	2.926	3.7	899,546	12.7	262
12/15/2025	18:30:00	7.1	2.941	5.1	899,591	12.6	262
12/15/2025	18:45:00	7.1	2.941	5.3	899,635	12.6	262
12/15/2025	19:00:00	7.1	2.933	5.7	899,668	12.7	262
12/15/2025	19:15:00	7.1	0.507	41	899,702	12.6	262
12/15/2025	19:30:00	7.1	2.998	105.5	899,717	12.7	262
12/15/2025	19:45:00	7.1	2.502	12.6	899,750	12.4	262
12/15/2025	20:00:00	7.2	3.441	13.5	899,798	12.4	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	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/15/2025	20:15:00	7.1	3.444	15.1	899,849	12.4	262
12/15/2025	20:30:00	7.1	3.433	16	899,897	12.5	262
12/15/2025	20:45:00	7.1	3.327	15	899,919	13.1	262
12/15/2025	21:00:00	7.2	3.539	5.6	899,963	12.9	260
12/15/2025	21:15:00	7.1	3.429	4.3	900,015	13.9	262
12/15/2025	21:30:00	7.1	3.425	3.1	900,046	14.7	264
12/15/2025	22:00:00	7.1	3.414	3.5	900,128	15.5	264
12/15/2025	22:15:00	7.1	2.589	2.7	900,176	15.3	262
12/15/2025	22:30:00	7.1	3.467	3.9	900,190	15.8	263
12/15/2025	23:00:00	7	3.444	2.5	900,259	16.6	262
12/15/2025	23:15:00	7.1	2.604	6.3	900,304	13.1	258
12/15/2025	23:30:00	7.1	3.671	5.5	900,332	13.1	259
12/15/2025	23:45:00	7.1	2.634	4.9	900,377	12.8	259
12/16/2025	0:00:00	7.1	3.607	4	900,431	12.6	261
12/16/2025	0:15:00	7.1	0.731	13.4	900,475	12.7	259
12/16/2025	0:30:00	7.1	3.554	4	900,499	12.6	261
12/16/2025	0:45:00	7.1	3.448	5.5	900,550	12.4	257
12/16/2025	1:00:00	7.1	3.444	13.8	900,604	12.4	257
12/16/2025	1:15:00	7.1	0.549	10.3	900,633	12.6	258
12/16/2025	1:30:00	7.1	3.645	11.7	900,667	12.3	258
12/16/2025	1:45:00	7.1	0.939	400.4	900,718	12.1	259
12/16/2025	2:00:00	7.1	3.668	3	900,749	12.1	259
12/16/2025	2:15:00	7.1	3.410	4.3	900,798	12.1	259
12/16/2025	2:30:00	7.1	0.583	1.6	900,827	12.3	259
12/16/2025	2:45:00	7.1	3.664	4.2	900,872	12.1	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	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/16/2025	3:00:00	7.1	3.441	5.4	900,920	12.1	259
12/16/2025	3:15:00	7.1	0.568	2.4	900,966	12.1	259
12/16/2025	3:30:00	7.1	3.653	7.5	901,001	12.1	261
12/16/2025	3:45:00	7.1	3.403	7.4	901,052	12.1	261
12/16/2025	4:00:00	7.1	3.433	6	901,078	12.1	261
12/16/2025	4:15:00	7.1	3.577	9	901,131	12	261
12/16/2025	4:30:00	7	3.403	10.9	901,183	12	261
12/16/2025	4:45:00	7	3.361	13.6	901,234	12	261
12/16/2025	5:00:00	7	3.444	23.4	901,254	12.2	261
12/16/2025	5:15:00	7	3.425	6.3	901,288	12.2	261
12/16/2025	5:30:00	7	3.456	11.9	901,319	12	261
12/16/2025	5:45:00	7	3.645	5.5	901,368	11.9	261
12/16/2025	6:00:00	7.1	0.515	4.3	901,403	12.1	261
12/16/2025	6:15:00	7	3.630	7	901,448	11.9	261
12/16/2025	6:30:00	7	3.376	7	901,500	11.9	261
12/16/2025	6:45:00	7	3.410	6.9	901,530	11.9	261
12/16/2025	7:00:00	7	3.573	13.4	901,581	11.9	261
12/16/2025	7:15:00	7	2.971	6.2	901,606	12.2	261
12/16/2025	7:30:00	7	2.907	3.6	901,657	12.1	259
12/16/2025	7:45:00	7	2.865	2.4	901,697	12.2	259
12/16/2025	8:00:00	7	2.846	7	901,740	12.1	259
12/16/2025	8:15:00	7	2.642	2.8	901,777	12.1	259
12/16/2025	8:30:00	7.1	2.816	3.2	901,818	12.1	261
12/16/2025	8:45:00	7.1	2.941	3.9	901,857	12.2	261
12/16/2025	9:00:00	7.1	2.824	4.3	901,900	12.1	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	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/16/2025	9:15:00	7	3.327	5.6	901,942	12.1	259
12/16/2025	9:30:00	7	3.285	3.7	901,990	12.1	109
12/16/2025	9:45:00	7.1	3.289	2.5	902,029	11.9	258
12/16/2025	10:15:00	7	3.164	3.9	902,070	12.4	261
12/16/2025	10:30:00	7	3.285	1	902,118	11.8	259
12/16/2025	10:45:00	7	3.425	4.3	902,168	11.8	261
12/16/2025	11:00:00	7	3.342	3.3	902,220	11.8	262
12/16/2025	11:15:00	7	3.414	2.7	902,263	12	263
12/16/2025	11:30:00	7	2.634	1.7	902,310	12.3	262
12/16/2025	11:45:00	7	3.278	3.4	902,331	12.4	261
12/16/2025	12:00:00	7	2.759	3.9	902,380	12.5	261
12/16/2025	12:30:00	7	2.612	3.2	902,466	12.7	259
12/16/2025	12:45:00	7	3.509	6	902,487	12.8	259
12/16/2025	13:00:00	7.1	3.319	4.5	902,531	12.8	261
12/16/2025	13:15:00	7.1	3.365	6.1	902,566	12.9	261
12/16/2025	13:30:00	7.1	3.524	7.7	902,617	12.9	261
12/16/2025	13:45:00	7.1	3.331	9.7	902,664	12.9	259
12/16/2025	14:15:00	7.1	3.486	12.8	902,722	12.6	258
12/16/2025	14:30:00	7.1	2.509	13.7	902,763	12.4	258
12/16/2025	14:45:00	7.1	3.615	11.3	902,812	12.3	258
12/16/2025	15:00:00	7.1	2.585	15	902,846	12.3	258
12/16/2025	15:30:00	7.1	3.422	12.4	902,916	12.1	261
12/16/2025	15:45:00	7	3.388	13.4	902,967	12.1	262
12/16/2025	16:15:00	7	3.501	14.4	903,024	12	262
12/16/2025	16:30:00	7	3.395	13.3	903,069	12.1	262

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/16/2025	17:00:00	7	3.577	14.8	903,139	12.4	264
12/16/2025	17:15:00	7	2.903	12.8	903,188	12.5	264
12/16/2025	17:30:00	7	4.288	15.3	903,204	12.8	265
12/16/2025	17:45:00	7	2.684	12.8	903,253	12.7	264
12/16/2025	18:00:00	7	3.592	13.3	903,281	12.6	263
12/16/2025	18:15:00	7	2.752	12.4	903,331	12.7	263
12/16/2025	18:45:00	7	3.569	14.4	903,396	12.8	263
12/16/2025	19:00:00	7	3.388	14.2	903,448	12.8	263
12/16/2025	19:30:00	7	3.331	16.2	903,521	12.6	262
12/16/2025	19:45:00	7	3.475	11.7	903,564	12.4	263
12/16/2025	20:00:00	7	0.575	4.5	903,596	12.4	262
12/16/2025	20:15:00	7	3.335	5.9	903,620	12.2	264
12/16/2025	20:30:00	7	3.323	8.8	903,667	12.1	263
12/16/2025	20:45:00	7	3.202	5.8	903,690	12.4	263
12/16/2025	21:00:00	7	3.342	3.9	903,737	12.1	261
12/16/2025	21:15:00	7	3.319	4.8	903,785	12.2	261
12/16/2025	21:30:00	7	0.556	4.4	903,808	12.5	261
12/16/2025	21:45:00	7	3.475	6.8	903,819	12.1	261
12/16/2025	22:00:00	7	3.346	2.8	903,866	12.2	261
12/16/2025	22:15:00	7	2.896	4.6	903,916	12.2	261
12/16/2025	22:30:00	7	3.354	3.9	903,961	12.1	261
12/16/2025	22:45:00	7	0.371	130.2	904,001	12.2	261
12/16/2025	23:00:00	7.1	3.577	5.3	904,034	12.1	261
12/16/2025	23:15:00	7.1	3.357	4.7	904,086	12.1	261
12/16/2025	23:30:00	7.1	3.380	6.3	904,109	12.4	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	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/16/2025	23:45:00	7.1	3.361	4.4	904,161	12.1	261
12/17/2025	0:15:00	7	3.331	5.6	904,229	12	261
12/17/2025	0:30:00	7	2.377	5.3	904,272	12.1	261
12/17/2025	1:00:00	7	3.376	8.2	904,309	12.2	261
12/17/2025	1:30:00	7	3.365	9.2	904,382	12.2	262
12/17/2025	1:45:00	7	3.369	1.8	904,414	12.1	261
12/17/2025	2:15:00	7	3.346	3.9	904,490	12	261
12/17/2025	2:30:00	7	3.501	6.6	904,540	12	261
12/17/2025	2:45:00	7	2.729	2.6	904,587	12	261
12/17/2025	3:00:00	7	0.511	4.1	904,618	12.2	261
12/17/2025	3:15:00	7	3.535	3.5	904,652	12	260
12/17/2025	3:30:00	7	3.316	2.8	904,700	12	260
12/17/2025	3:45:00	7	3.524	5.3	904,713	12.2	260
12/17/2025	4:00:00	7	3.323	3.3	904,761	11.8	262
12/17/2025	4:15:00	7	3.338	3.3	904,808	11.8	260
12/17/2025	4:30:00	7	3.259	7.2	904,825	12	263
12/17/2025	4:45:00	7	3.354	4.7	904,872	11.6	260
12/17/2025	5:15:00	7	3.327	5.6	904,944	11.6	262
12/17/2025	5:30:00	7	3.285	4.8	904,994	11.6	262
12/17/2025	5:45:00	7	3.308	5	905,034	11.6	263
12/17/2025	6:15:00	7	3.482	8.4	905,099	11.5	263
12/17/2025	6:30:00	7	3.338	9.4	905,142	11.5	262
12/17/2025	7:00:00	7	3.327	12.1	905,204	11.4	262
12/17/2025	7:15:00	7	0.553	17.8	905,232	11.5	262
12/17/2025	7:30:00	7	3.323	15.5	905,278	11.3	262

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/17/2025	7:45:00	7	3.316	4.3	905,329	11.3	262
12/17/2025	8:00:00	7	3.297	7.6	905,375	11.3	262
12/17/2025	8:15:00	7	2.559	4.4	905,405	11.2	262
12/17/2025	8:30:00	7	3.263	5.4	905,448	11.1	262
12/17/2025	8:45:00	7	3.407	3.6	905,497	11.1	262
12/17/2025	9:00:00	7	3.255	5.6	905,548	11.2	263
12/17/2025	9:15:00	7	3.399	5	905,563	11.2	263
12/17/2025	9:30:00	7	3.323	4.5	905,614	11.3	263
12/17/2025	10:00:00	7	3.210	28.9	905,655	11.4	263
12/17/2025	10:15:00	7	3.017	17.8	905,668	11.3	263
12/17/2025	10:30:00	7	0.746	21.7	905,712	11.3	262
12/17/2025	10:45:00	7	3.126	23.1	905,750	11.4	262
12/17/2025	11:00:00	7	3.486	6.5	905,788	11.4	262
12/17/2025	11:15:00	7	3.645	8.9	905,840	11.5	262
12/17/2025	11:30:00	7	3.100	10.5	905,856	11.6	262
12/17/2025	11:45:00	7	3.263	13.3	905,918	11.6	264
12/17/2025	12:00:00	7	3.123	8.4	905,966	11.8	264
12/17/2025	12:15:00	7	0.397	11.4	906,004	12	262
12/17/2025	12:30:00	7	2.892	21	906,041	12	262
12/17/2025	13:00:00	7	3.217	4.2	906,107	12	264
12/17/2025	13:15:00	7	3.126	4.5	906,155	12	264
12/17/2025	13:30:00	7	3.157	9.9	906,198	12	264
12/17/2025	13:45:00	7	3.115	12	906,246	12	263
12/17/2025	14:15:00	7	3.266	8.8	906,297	12	266
12/17/2025	14:30:00	7	3.085	11.2	906,345	12	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	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/17/2025	14:45:00	7	3.160	9.5	906,381	12	264
12/17/2025	15:00:00	7	3.104	10.8	906,428	12	263
12/17/2025	15:15:00	7	2.453	39.4	906,449	12.2	264
12/17/2025	15:45:00	7	3.051	124.7	906,506	12	264
12/17/2025	16:00:00	7	2.873	23	906,547	11.9	264
12/17/2025	16:15:00	7	2.930	25.5	906,588	11.9	263
12/17/2025	16:30:00	7	3.399	115.3	906,632	11.8	263
12/17/2025	16:45:00	7	3.323	9.1	906,675	11.8	265
12/17/2025	17:00:00	7	3.407	4.9	906,726	12.2	265
12/17/2025	17:15:00	7	3.202	3.6	906,775	12.7	266
12/17/2025	17:30:00	7	3.217	2.9	906,804	13.3	264
12/17/2025	17:45:00	7	3.357	2.3	906,853	14.1	264
12/17/2025	18:00:00	7	3.134	2.6	906,901	14.6	263
12/17/2025	18:15:00	6.9	3.338	3	906,914	14.7	265
12/17/2025	18:30:00	6.9	3.418	3	906,957	14.9	267
12/17/2025	19:00:00	6.9	3.229	3.1	907,025	15.2	267
12/17/2025	19:15:00	6.9	3.361	3.1	907,074	15.4	265
12/17/2025	19:30:00	6.9	3.168	2.9	907,123	15.5	266
12/17/2025	19:45:00	6.9	3.176	2.9	907,135	15.6	265
12/17/2025	20:00:00	6.9	3.304	2.6	907,184	15.6	266
12/17/2025	20:30:00	6.9	3.369	2.7	907,242	15.8	265
12/17/2025	20:45:00	6.9	3.217	2.6	907,287	15.8	267
12/17/2025	21:15:00	6.9	3.380	2.8	907,361	15.8	270
12/17/2025	21:45:00	6.9	3.365	2.8	907,423	15.7	270
12/17/2025	22:15:00	6.9	3.168	2.9	907,500	15.5	272

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/17/2025	22:30:00	6.9	2.555	2.9	907,515	15.4	272
12/17/2025	22:45:00	6.9	3.395	2.7	907,562	15.3	272
12/17/2025	23:15:00	6.9	3.384	2.8	907,630	15.1	273
12/17/2025	23:30:00	6.9	3.331	2.9	907,681	15.1	273
12/18/2025	0:00:00	6.9	3.232	2.7	907,739	15.2	273
12/18/2025	0:15:00	6.9	3.244	2.6	907,761	15.3	272
12/18/2025	0:30:00	6.9	3.372	121.6	907,812	14.3	272
12/18/2025	1:00:00	7.1	0.522	18.5	907,891	11.7	264
12/18/2025	1:15:00	7.1	3.346	32.1	907,927	11.6	264
12/18/2025	1:30:00	7.1	2.403	27.8	907,975	11.5	264
12/18/2025	1:45:00	7	3.244	14.1	908,018	11.5	264
12/18/2025	2:00:00	7.2	3.255	10.2	908,045	11.8	263
12/18/2025	2:15:00	7.3	2.615	8.6	908,095	12.3	264
12/18/2025	2:30:00	7.2	3.282	7.2	908,139	12.7	266
12/18/2025	2:45:00	7.2	3.251	6.9	908,188	13.3	263
12/18/2025	3:00:00	7.1	3.225	6.3	908,237	13.9	265
12/18/2025	3:15:00	7.1	2.396	5.9	908,264	14.4	266
12/18/2025	3:30:00	7	3.422	5.7	908,309	14.8	264
12/18/2025	3:45:00	7.2	3.244	6.6	908,358	12.1	259
12/18/2025	4:00:00	7.1	3.206	9.1	908,406	12	262
12/18/2025	4:15:00	7.1	0.500	14.3	908,438	12.2	261
12/18/2025	4:30:00	7.1	3.274	47.2	908,475	12	261
12/18/2025	4:45:00	7.1	3.255	9.3	908,523	11.9	262
12/18/2025	5:00:00	7.1	3.407	23	908,572	11.8	262
12/18/2025	5:15:00	7.1	3.172	3.6	908,618	12.2	262

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/18/2025	5:30:00	7.1	0.598	8.1	908,663	12	262
12/18/2025	5:45:00	7.1	3.251	11.3	908,695	11.7	260
12/18/2025	6:00:00	7.1	2.559	46.4	908,743	11.7	261
12/18/2025	6:15:00	7	2.759	12.1	908,789	11.6	261
12/18/2025	6:30:00	7	3.221	16.1	908,835	11.6	262
12/18/2025	6:45:00	7.1	3.418	20.2	908,867	11.6	262
12/18/2025	7:00:00	7	3.236	16.2	908,917	11.5	261
12/18/2025	7:15:00	7.1	3.202	9.9	908,966	11.6	261
12/18/2025	7:30:00	7	3.232	17.2	909,006	11.5	261
12/18/2025	7:45:00	7.1	0.466	7.9	909,040	11.7	261
12/18/2025	8:00:00	7	2.767	5.9	909,069	11.6	262
12/18/2025	8:15:00	7.1	3.259	8.5	909,117	11.5	260
12/18/2025	8:30:00	7.1	3.263	10.5	909,166	11.4	260
12/18/2025	8:45:00	7.1	0.579	15.5	909,211	11.3	260
12/18/2025	9:00:00	7.1	3.369	27.4	909,239	11.3	261
12/18/2025	9:15:00	7.1	0.541	11.2	909,285	11.2	262
12/18/2025	9:30:00	7	3.323	13.1	909,313	11.2	262
12/18/2025	9:45:00	7	3.232	12.9	909,362	11.2	260
12/18/2025	10:15:00	7	1.934	17.3	909,398	11.2	260
12/18/2025	10:30:00	7	3.259	19.3	909,441	11.1	262
12/18/2025	10:45:00	7	3.475	13.4	909,490	11.1	261
12/18/2025	11:00:00	7	3.274	9.8	909,541	11.2	259
12/18/2025	11:15:00	7	0.556	20.5	909,584	11.3	258
12/18/2025	11:30:00	7	3.441	14	909,627	11.3	258
12/18/2025	12:00:00	7.1	3.229	11.4	909,678	11.7	259

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/18/2025	12:15:00	7.1	3.259	7	909,719	11.7	258
12/18/2025	12:30:00	7.1	3.213	9	909,768	11.9	260
12/18/2025	12:45:00	7.1	3.210	14.7	909,808	12	259
12/18/2025	13:15:00	7.1	2.033	52.1	909,867	12.1	260
12/18/2025	13:30:00	7.1	3.153	15.8	909,902	11.9	257
12/18/2025	13:45:00	7	3.145	9.7	909,950	11.9	258
12/18/2025	14:00:00	7	3.142	13.2	909,997	12.1	257
12/18/2025	14:15:00	7	3.126	15.7	910,043	11.8	253
12/18/2025	14:30:00	7	3.077	24	910,090	12.4	255
12/18/2025	14:45:00	7.1	3.036	61.4	910,136	12.4	256
12/18/2025	15:30:00	7	3.274	10.5	910,229	12.2	258
12/18/2025	15:45:00	7	3.259	11.8	910,278	12.4	259
12/18/2025	16:00:00	7	3.622	21.9	910,327	12.6	257
12/18/2025	16:15:00	7	1.911	33.7	910,365	12.7	258
12/18/2025	16:30:00	7.1	3.259	14.9	910,388	12.8	258
12/18/2025	16:45:00	7.1	3.138	18.3	910,435	12.6	258
12/18/2025	17:00:00	7.1	3.126	25	910,474	12.6	258
12/18/2025	17:15:00	7.1	2.048	24	910,500	12.5	256
12/18/2025	17:30:00	7.1	2.763	16	910,531	12.6	258
12/18/2025	17:45:00	7	2.949	15.2	910,573	12.5	259
12/18/2025	18:00:00	7	2.737	13.2	910,615	12.5	260
12/18/2025	18:30:00	7	3.066	10.1	910,683	12.4	262
12/18/2025	18:45:00	7	3.047	10.8	910,728	12.4	262
12/18/2025	19:00:00	7	3.017	17	910,774	12.4	261
12/18/2025	19:15:00	7	3.028	19	910,802	12.6	262

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/18/2025	19:30:00	7	3.153	31.6	910,847	12.5	262
12/18/2025	19:45:00	7	3.138	18.9	910,894	12.1	260
12/18/2025	20:00:00	7	2.392	51.9	910,936	12.5	262
12/18/2025	20:15:00	7	3.039	62.2	910,978	12.7	262
12/18/2025	20:30:00	7	0.488	6.8	911,010	12.9	262
12/18/2025	20:45:00	7	2.998	1.1	911,050	12.7	262
12/18/2025	21:00:00	7	3.164	3.7	911,095	12.4	260
12/18/2025	21:15:00	7	3.013	10.1	911,142	13.1	259
12/18/2025	21:30:00	7	3.020	2	911,184	12.7	258
12/18/2025	21:45:00	7	0.855	12.6	911,225	12	258
12/18/2025	22:00:00	7.1	3.157	13.7	911,260	11.8	257
12/18/2025	22:15:00	7.1	3.017	12.6	911,306	11.7	259
12/18/2025	22:30:00	7	3.002	18.6	911,351	11.8	259
12/18/2025	22:45:00	7.1	3.020	45.2	911,389	11.9	258
12/18/2025	23:00:00	7	3.017	11.8	911,422	11.8	258
12/18/2025	23:15:00	7	3.036	13.8	911,463	11.7	259
12/18/2025	23:30:00	7	3.017	22.3	911,509	11.6	259
12/18/2025	23:45:00	7.1	0.484	6.6	911,539	11.7	257
12/19/2025	0:00:00	7.1	3.039	23	911,577	11.6	258
12/19/2025	0:15:00	7.1	0.617	9.1	911,618	11.7	259
12/19/2025	0:30:00	7.2	3.278	7	911,653	11.7	259
12/19/2025	0:45:00	7.2	3.255	17.8	911,702	11.7	255
12/19/2025	1:00:00	7.3	3.395	47.7	911,750	11.7	255
12/19/2025	1:15:00	7.3	3.089	45.1	911,796	11.6	256
12/19/2025	1:30:00	7.3	2.494	20.2	911,823	11.5	256

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/19/2025	1:45:00	7.3	3.002	37	911,866	11.5	259
12/19/2025	2:00:00	7.3	2.994	11.6	911,911	11.9	259
12/19/2025	2:15:00	7.2	2.207	5.2	911,954	12.4	259
12/19/2025	2:30:00	7.2	3.062	4.6	911,980	11.8	257
12/19/2025	2:45:00	7.2	0.530	8.9	912,022	12	259
12/19/2025	3:00:00	7.2	3.002	7.2	912,052	11.4	258
12/19/2025	3:15:00	7.1	2.385	15.9	912,090	11.4	257
12/19/2025	3:30:00	7.2	2.937	16.9	912,135	11.4	258
12/19/2025	3:45:00	7.2	2.918	23.1	912,179	11.3	258
12/19/2025	4:00:00	7.2	2.918	7.5	912,222	11.5	258
12/19/2025	4:15:00	7.1	2.248	5.1	912,266	11.9	262
12/19/2025	4:30:00	7.3	2.933	13.9	912,303	11.6	259
12/19/2025	4:45:00	7.3	2.930	17.4	912,347	11.6	261
12/19/2025	5:45:00	7.1	2.343	7.9	912,515	11.4	260
12/19/2025	6:00:00	7.1	2.956	13.5	912,558	11.4	261
12/19/2025	6:15:00	7.1	2.941	14.8	912,602	11.4	261
12/19/2025	6:30:00	7.1	2.937	29.5	912,646	11.4	261
12/19/2025	6:45:00	7.1	2.362	44	912,685	11.4	261
12/19/2025	7:00:00	7.1	2.949	25.8	912,728	11.3	262
12/19/2025	7:15:00	7.1	0.632	25.3	912,771	11.4	262
12/19/2025	7:30:00	7.1	2.661	9.2	912,798	11.5	264
12/19/2025	7:45:00	7.1	2.964	11.1	912,842	11.5	262
12/19/2025	8:00:00	7.1	3.134	21.3	912,870	11.5	261
12/19/2025	8:15:00	7	3.123	13.5	912,898	11.4	262
12/19/2025	8:30:00	7	3.130	19.1	912,945	11.4	263

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/19/2025	8:45:00	7	3.138	38.7	912,992	11.4	263
12/19/2025	9:00:00	7.1	2.888	12.6	913,030	11.4	262
12/19/2025	9:15:00	7.1	3.047	6.7	913,054	11.9	262
12/19/2025	9:30:00	7	3.149	7.7	913,101	12.2	262
12/19/2025	10:00:00	7	3.179	8.7	913,169	11.6	262
12/19/2025	10:15:00	7	2.017	14.3	913,212	11.5	261
12/19/2025	10:30:00	7	3.153	12.2	913,254	11.6	263
12/19/2025	10:45:00	7.1	2.237	22	913,298	11.7	265
12/19/2025	11:00:00	7.1	2.975	14.4	913,332	11.8	265
12/19/2025	11:15:00	7.1	2.933	24	913,376	11.9	263
12/19/2025	11:30:00	7.1	2.952	27	913,413	12.1	261
12/19/2025	11:45:00	7.1	2.441	10.1	913,429	12.2	261
12/19/2025	12:00:00	7.1	3.089	16.2	913,462	12	262
12/19/2025	12:15:00	7.1	3.070	124	913,493	11.8	262
12/19/2025	12:30:00	7.1	3.115	13.6	913,536	11.8	263
12/19/2025	12:45:00	7.1	3.081	40.7	913,583	11.9	263
12/19/2025	13:00:00	7.1	3.236	10.2	913,613	12.7	262
12/19/2025	13:15:00	7.1	3.217	6.8	913,662	13.2	263
12/19/2025	13:30:00	7.1	0.428	10.3	913,701	13.7	263
12/19/2025	13:45:00	7.1	3.176	10.5	913,741	14.3	264
12/19/2025	14:00:00	7.1	3.153	10.7	913,788	14.1	263
12/19/2025	14:15:00	7.1	3.751	18.8	913,833	13.9	264
12/19/2025	14:30:00	7.1	3.240	13.5	913,879	13.6	263
12/19/2025	15:30:00	7.1	2.892	18.5	913,968	11	262
12/19/2025	16:15:00	7	3.115	17	914,030	11	263

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/19/2025	16:30:00	7.1	3.073	21.8	914,051	11.1	264
12/19/2025	17:00:00	7.3	3.293	2.1	914,117	11.1	266
12/19/2025	17:15:00	7.2	3.361	9.3	914,156	12	266
12/19/2025	17:30:00	7.1	3.251	13.9	914,201	11.3	266
12/19/2025	17:45:00	7.1	3.036	15	914,248	11.2	264
12/19/2025	18:00:00	7.1	2.385	46	914,284	11.3	264
12/19/2025	18:15:00	7.1	2.865	18.3	914,326	11.2	266
12/19/2025	18:30:00	7.1	3.119	18.5	914,370	11.4	267
12/19/2025	18:45:00	7.1	3.017	13.9	914,410	11.3	266
12/19/2025	19:00:00	7.2	3.645	8	914,432	11.3	266
12/19/2025	19:15:00	7.1	3.100	13.8	914,477	11.2	266
12/19/2025	19:30:00	7.1	2.964	10.6	914,523	11.3	265
12/19/2025	19:45:00	7	3.149	11.2	914,560	11.2	266
12/19/2025	20:00:00	7	2.858	1.3	914,606	11.2	266
12/19/2025	20:15:00	7	0.492	0.5	914,643	11.7	264
12/19/2025	20:30:00	7	3.282	3.6	914,683	12.4	267
12/19/2025	20:45:00	7	3.017	12.6	914,726	13.4	266
12/19/2025	21:00:00	7.1	3.013	13.6	914,771	14.2	264
12/19/2025	21:15:00	7.1	3.002	18.6	914,816	14.8	265
12/19/2025	21:30:00	7.2	2.983	16.6	914,861	15.4	266
12/19/2025	21:45:00	7.2	2.415	365.5	914,906	16.2	266
12/19/2025	22:00:00	7.2	3.172	13	914,948	16.9	264
12/19/2025	22:15:00	7.2	3.138	22.9	914,995	17.1	265
12/19/2025	22:30:00	7.2	3.266	14.6	915,043	17.4	268
12/19/2025	22:45:00	7.2	3.149	13.1	915,091	18	268

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/19/2025	23:00:00	7.2	3.104	14.3	915,137	18.8	266
12/19/2025	23:15:00	7.2	2.600	7	915,163	19.3	266
12/19/2025	23:30:00	7.1	0.367	7.8	915,185	19.8	267
12/19/2025	23:45:00	7.1	3.104	10.7	915,216	20.1	267
12/20/2025	0:00:00	7.1	3.077	9.9	915,262	20.4	266
12/20/2025	0:15:00	7.1	3.217	32.9	915,304	20.5	266
12/20/2025	0:30:00	7.1	3.070	14.1	915,351	20.7	268
12/20/2025	0:45:00	7.1	2.468	28.1	915,395	21.1	269
12/20/2025	1:00:00	7.1	3.251	10.7	915,442	21.7	269
12/20/2025	1:15:00	7.1	3.104	6.6	915,489	22.1	269
12/20/2025	1:30:00	7.1	3.070	8.5	915,535	22.1	269
12/20/2025	1:45:00	7	2.578	8.3	915,580	22.1	271
12/20/2025	2:00:00	7	3.168	23.7	915,609	22.2	271
12/20/2025	2:15:00	7	3.138	22.3	915,656	22.4	271
12/20/2025	2:30:00	7	0.545	1.1	915,694	22.5	271
12/20/2025	2:45:00	7	2.945	1.8	915,720	22.3	272
12/20/2025	3:00:00	7	0.420	9.9	915,752	22.2	272
12/20/2025	3:15:00	7	3.043	17.2	915,788	22.1	271
12/20/2025	3:30:00	7	3.020	15.5	915,834	22	272
12/20/2025	3:45:00	7	2.388	94.3	915,879	21.9	271
12/20/2025	4:00:00	7	3.096	20.3	915,905	21.6	272
12/20/2025	4:15:00	7	2.301	399	915,950	21.4	274
12/20/2025	4:30:00	7	3.070	18.7	915,992	21.3	274
12/20/2025	4:45:00	7	0.466	32.8	916,024	21.3	276
12/20/2025	5:00:00	7	2.123	77.8	916,061	21.4	276

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/20/2025	5:15:00	7	3.107	35.6	916,102	21.3	274
12/20/2025	5:30:00	7	0.477	14.5	916,137	21	276
12/20/2025	5:45:00	6.9	3.111	13.2	916,178	20.6	278
12/20/2025	6:00:00	7	3.100	15.9	916,225	20.4	276
12/20/2025	6:15:00	7	3.054	26.3	916,271	20.5	277
12/20/2025	6:30:00	7	3.096	26.5	916,299	20.6	277
12/20/2025	6:45:00	7	3.066	18.6	916,345	20.7	277
12/20/2025	7:00:00	7	3.058	18.9	916,373	20.8	278
12/20/2025	7:15:00	7	3.020	17.7	916,419	20.9	276
12/20/2025	7:30:00	7	3.164	31.3	916,445	21	276
12/20/2025	7:45:00	7	2.547	37.6	916,487	20.8	276
12/20/2025	8:00:00	7	3.240	26.9	916,533	20.5	277
12/20/2025	8:15:00	7	3.062	17.9	916,580	20.2	278
12/20/2025	8:30:00	7	3.221	19.6	916,611	20	277
12/20/2025	8:45:00	7	3.073	11.4	916,657	19.9	279
12/20/2025	9:00:00	7	3.054	9.9	916,703	19.7	278
12/20/2025	9:15:00	7	3.172	14.3	916,749	19.6	277
12/20/2025	9:30:00	7	3.032	10.9	916,795	19.4	278
12/20/2025	9:45:00	7	3.005	11.4	916,840	19.3	278
12/20/2025	10:00:00	7	2.986	10.3	916,886	19.4	278
12/20/2025	10:15:00	7.1	3.213	13.1	916,931	19.5	277
12/20/2025	10:30:00	7.1	2.945	10.2	916,963	12.9	264
12/20/2025	10:45:00	7.1	3.051	14.2	917,007	14	266
12/20/2025	11:00:00	7.1	2.888	13.5	917,051	14.9	268
12/20/2025	11:15:00	7.1	0.386	10.5	917,072	16	268

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/20/2025	11:30:00	7.1	2.790	12.6	917,092	16.5	266
12/20/2025	11:45:00	7.1	3.020	19	917,137	16.8	270
12/20/2025	12:00:00	-0.4	3.092	2.7	917,181	17	269
12/20/2025	12:15:00	7	0.000	17	917,224	17	268
12/20/2025	12:30:00	7	2.354	14	917,251	17.1	269
12/20/2025	12:45:00	7	2.960	13.4	917,284	17.3	268
12/20/2025	13:00:00	7	2.744	8.5	917,326	17.5	268
12/20/2025	13:15:00	7	3.157	16.2	917,369	17.6	268
12/20/2025	13:30:00	7	3.085	9.7	917,406	11.4	261
12/20/2025	13:45:00	7	3.293	20.7	917,451	11.3	262
12/20/2025	14:15:00	7	2.805	13.6	917,481	11.5	109
12/20/2025	14:30:00	7.1	2.188	12.7	917,516	12.3	111
12/20/2025	14:45:00	7	2.835	11.8	917,545	12.9	110
12/20/2025	15:00:00	7	2.835	11.8	917,545	12.9	110
12/20/2025	15:15:00	7	2.835	11.8	917,545	12.9	110
12/20/2025	15:30:00	7	3.357	9.1	917,681	14.4	255
12/20/2025	15:45:00	7	3.244	16.9	917,729	11.8	258
12/20/2025	16:00:00	7	3.232	22	917,768	11.9	261
12/20/2025	16:15:00	7	3.414	24.8	917,814	12.3	260
12/20/2025	16:45:00	7	1.688	14.7	917,876	12	262
12/20/2025	17:00:00	6.9	2.801	18	917,907	11.8	263
12/20/2025	17:15:00	6.9	3.160	17.1	917,951	12.2	263
12/20/2025	17:30:00	6.9	3.130	16.5	917,998	13.2	265
12/20/2025	18:00:00	7	3.013	5.4	918,068	11.9	263
12/20/2025	18:15:00	7.1	3.119	4	918,110	12	263

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/20/2025	18:45:00	7	3.092	30.3	918,163	11.6	263
12/20/2025	19:00:00	7	2.195	119	918,207	11.6	263
12/20/2025	19:15:00	7.1	2.055	21.7	918,251	11.8	265
12/20/2025	19:30:00	7	3.028	21.2	918,293	13.1	265
12/20/2025	19:45:00	7	3.160	21.3	918,340	14.1	265
12/20/2025	20:00:00	7	3.036	10.6	918,385	11.8	260
12/20/2025	20:15:00	7	3.017	11.8	918,431	11.9	262
12/20/2025	20:30:00	7.1	2.986	38.7	918,476	12.8	266
12/20/2025	20:45:00	7.1	2.604	399.4	918,516	11.7	258
12/20/2025	21:00:00	7.1	3.145	60.1	918,537	11.9	259
12/20/2025	21:15:00	7	3.100	399.2	918,584	12.9	258
12/20/2025	21:30:00	7.1	3.066	19.7	918,630	13.9	262
12/20/2025	21:45:00	7.1	3.187	35.1	918,667	15	262
12/20/2025	22:00:00	7.1	0.363	9.1	918,692	15.8	260
12/20/2025	22:15:00	7.1	3.213	7.4	918,733	16.4	262
12/20/2025	22:30:00	7.1	3.089	6.8	918,780	16.7	260
12/20/2025	22:45:00	7	3.119	11.2	918,824	16.9	262
12/20/2025	23:00:00	7.1	0.466	6.1	918,848	17.2	262
12/20/2025	23:15:00	7	3.240	26.4	918,892	17.5	262
12/20/2025	23:30:00	7.1	2.861	12.5	918,937	17.2	261
12/20/2025	23:45:00	7.1	2.983	10.1	918,979	17.5	261
12/21/2025	0:00:00	7.2	2.964	16.1	919,023	17.8	262
12/21/2025	0:15:00	7.2	2.426	39.4	919,066	18.1	261
12/21/2025	0:30:00	7.1	3.107	37.9	919,103	18.4	262
12/21/2025	0:45:00	7.1	2.892	44.7	919,149	18.5	262

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/21/2025	1:00:00	7.1	0.466	41.8	919,185	11.6	259
12/21/2025	1:15:00	7.1	2.869	42.5	919,222	12.3	259
12/21/2025	1:30:00	7	2.827	11	919,264	13.3	262
12/21/2025	1:45:00	7.1	0.352	28.9	919,301	14.1	261
12/21/2025	2:00:00	7.1	2.335	7.6	919,331	14.9	264
12/21/2025	2:15:00	7.1	2.926	16.5	919,355	15.5	262
12/21/2025	2:30:00	7.1	2.903	24.6	919,399	16	264
12/21/2025	2:45:00	7.1	2.990	23.2	919,443	16.5	264
12/21/2025	3:00:00	7.2	2.873	5.3	919,487	17	264
12/21/2025	3:15:00	7.1	2.850	18.9	919,529	17.3	266
12/21/2025	3:30:00	7	2.846	16.7	919,563	17.7	264
12/21/2025	3:45:00	7	2.865	9	919,604	18	264
12/21/2025	4:00:00	7	3.036	25.5	919,633	18.2	264
12/21/2025	4:15:00	6.9	2.903	10.7	919,677	18.4	262
12/21/2025	4:30:00	7	2.877	19.8	919,721	18.4	262
12/21/2025	4:45:00	7	2.835	11.3	919,755	18.4	262
12/21/2025	5:00:00	6.9	3.350	10	919,803	18.4	265
12/21/2025	5:15:00	6.9	3.164	8.4	919,852	18.5	266
12/21/2025	5:30:00	6.9	3.126	15.3	919,899	18.7	265
12/21/2025	5:45:00	7	3.130	23	919,947	18.9	265
12/21/2025	6:00:00	7	3.297	26.2	919,991	19.1	265
12/21/2025	6:15:00	7	3.153	26.9	920,037	19.2	266
12/21/2025	6:30:00	7	3.123	32	920,084	19.3	266
12/21/2025	6:45:00	6.9	3.123	21.6	920,131	11.9	261
12/21/2025	7:15:00	6.9	3.195	36.5	920,196	12	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	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/21/2025	7:30:00	6.9	3.213	15.6	920,226	11.9	260
12/21/2025	8:00:00	7.1	3.191	13	920,312	12.8	263
12/21/2025	8:30:00	6.9	2.790	14.2	920,380	14.4	263
12/21/2025	8:45:00	6.9	3.054	18.8	920,418	12.6	255
12/21/2025	9:15:00	6.9	3.202	8.8	920,478	11.9	261
12/21/2025	9:45:00	7	2.275	22	920,544	12.1	262
12/21/2025	10:15:00	7	3.123	1.1	920,593	15.1	114
12/21/2025	10:30:00	6.9	3.255	5.8	920,638	12.9	113
12/21/2025	10:45:00	6.9	3.089	12.7	920,685	13.4	114
12/21/2025	11:00:00	6.9	2.506	37.1	920,727	11.6	253
12/21/2025	11:15:00	6.9	3.164	9.8	920,771	12.1	259
12/21/2025	11:30:00	7	3.138	10.3	920,819	11.6	112
12/21/2025	11:45:00	6.9	3.255	13.3	920,866	11.7	114
12/21/2025	12:00:00	7	3.134	11.1	920,910	11.7	261
12/21/2025	12:15:00	7.1	0.424	110.3	920,937	12.2	259
12/21/2025	12:30:00	7	3.206	13.2	920,963	12.4	261
12/21/2025	12:45:00	7	3.005	20.8	921,007	11.9	258
12/21/2025	13:00:00	7.1	3.327	11.7	921,050	12.1	257
12/21/2025	13:15:00	7	3.145	4.7	921,099	11.9	258
12/21/2025	13:45:00	7	3.104	27.2	921,145	14.9	259
12/21/2025	14:00:00	7.1	3.369	20.5	921,192	16.4	259
12/21/2025	14:15:00	7	3.054	13.8	921,215	12.6	256
12/21/2025	14:30:00	7.1	3.111	4.5	921,263	12.3	259
12/21/2025	14:45:00	7	3.077	10.7	921,309	12	261
12/21/2025	15:00:00	7	3.372	27.5	921,355	11.8	258

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/21/2025	15:15:00	7	2.415	8.2	921,386	12.8	261
12/21/2025	15:30:00	7	3.115	23.7	921,433	11.9	259
12/21/2025	15:45:00	6.9	3.236	11.1	921,481	11.9	112
12/21/2025	16:00:00	6.9	3.380	17.8	921,530	13.8	262
12/21/2025	16:15:00	6.9	3.039	13	921,564	12.6	260
12/21/2025	16:30:00	6.9	3.043	13.5	921,609	13.2	262
12/21/2025	16:45:00	6.9	2.154	12.2	921,653	14.2	263
12/21/2025	17:00:00	6.9	2.937	41.6	921,696	14.9	263
12/21/2025	17:15:00	7	2.914	74.4	921,739	15.9	264
12/21/2025	17:30:00	7	3.486	10.7	921,789	11.8	255
12/21/2025	17:45:00	7	3.312	6.2	921,840	11.9	261
12/21/2025	18:00:00	7	3.274	13.6	921,889	13.1	264
12/21/2025	18:15:00	7	3.372	30	921,940	14.7	111
12/21/2025	18:30:00	7.1	2.430	19.3	921,978	14.4	261
12/21/2025	18:45:00	7.1	2.945	50.6	922,023	12.4	256
12/21/2025	19:00:00	7.3	0.500	1.3	922,049	12.9	260
12/21/2025	19:15:00	7.3	3.104	1.1	922,094	13.8	262
12/21/2025	19:30:00	7.3	3.066	1.3	922,140	14.7	262
12/21/2025	19:45:00	7.2	0.984	1.3	922,185	15.6	261
12/21/2025	20:00:00	7.1	3.210	17.5	922,209	16.3	261
12/21/2025	20:15:00	7	3.058	15.8	922,255	16.8	261
12/21/2025	20:30:00	6.9	3.043	16.1	922,301	17.4	261
12/21/2025	20:45:00	6.9	3.100	13.8	922,344	17.9	262
12/21/2025	21:00:00	7.1	3.153	1.6	922,388	18.3	264
12/21/2025	21:15:00	7.1	0.454	3.5	922,416	18.7	264

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/21/2025	21:30:00	7	3.153	15.6	922,457	12.1	257
12/21/2025	21:45:00	7	3.104	12.6	922,504	12.2	259
12/21/2025	22:00:00	7.2	3.070	2.4	922,550	12.9	261
12/21/2025	22:15:00	7.1	3.195	24.6	922,574	13.7	260
12/21/2025	22:30:00	7.1	2.771	12.5	922,618	12.7	259
12/21/2025	22:45:00	7.1	2.740	7.7	922,659	13.4	260
12/21/2025	23:00:00	7.1	2.702	18.7	922,700	13.8	258
12/21/2025	23:15:00	7.1	0.295	14.3	922,735	14.4	262
12/21/2025	23:30:00	7	2.854	25.7	922,757	12.4	260
12/21/2025	23:45:00	7	2.233	13.5	922,799	13.2	260

Table 3. In-Situ Parameters

Date	Temperature °C	DO mg/L	Conductivity SPC-uS/cm	SAL-ppt	pH	ORP (mV)	NTU
12/15/2025	12.8	10.43	171.4	0.09	7.25	226.1	1.56
12/16/2025	12.6	10.11	163.6	0.08	7.31	209.5	3.09
12/17/2025	11.5	10.40	177.5	0.08	7.18	309.7	6.64
12/18/2025	12.0	10.47	173.4	0.08	7.22	294.2	5.05
12/19/2025	12.2	10.61	174.2	0.08	7.12	274.1	2.97
12/20/2025	12.5	10.22	191.4	0.08	7.24	254.7	5.34
12/21/2025	12.7	10.01	178.9	0.08	7.55	294.8	8.92

3. Calibration Log:

Table 4. Calibration Log

Date	Unit	pH	Conductivity/Temp.	Salinity	NTU
12/16/2025	YSI	✓	✓	✓	✓
12/16/2025	WTP	✓	N/A	N/A	✓

APPENDIX A: WTP Log

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/15/2025	0:00:00	7.1	2.498	2	896,639	Open	12.2	257
12/15/2025	0:15:00	7	3.183	3.4	896,684	Open	12.1	257
12/15/2025	0:30:00	7	2.521	2.1	896,727	Open	12	257
12/15/2025	0:45:00	7	3.289	8.7	896,774	Open	12	257
12/15/2025	1:00:00	7	2.562	10.4	896,807	Open	12	257
12/15/2025	1:15:00	7	3.259	5.8	896,853	Open	12.1	259
12/15/2025	1:30:00	7.1	0.000	3.5	896,896	Closed	12.2	259
12/15/2025	1:45:00	7.1	3.441	6	896,931	Open	12.2	259
12/15/2025	2:00:00	7.1	2.581	2.9	896,976	Open	12.2	259
12/15/2025	2:15:00	7.1	3.255	6.9	897,023	Open	12.2	259
12/15/2025	2:30:00	7.1	0.178	7.2	897,058	Closed	12.3	257
12/15/2025	2:45:00	7.1	3.202	9.2	897,100	Open	12.2	257
12/15/2025	3:00:00	7.1	2.487	2.9	897,141	Open	12.2	257
12/15/2025	3:15:00	7.1	3.187	7.5	897,186	Open	12.2	259
12/15/2025	3:30:00	7	2.487	2.5	897,228	Open	12.2	259
12/15/2025	3:45:00	7	3.160	8.6	897,273	Open	12.3	259
12/15/2025	4:00:00	7.1	2.502	3.1	897,314	Open	12.3	259
12/15/2025	4:15:00	7.1	3.183	7.3	897,359	Open	12.3	259
12/15/2025	4:30:00	7.1	2.464	2.3	897,401	Open	12.3	257
12/15/2025	4:45:00	7	3.168	7.5	897,446	Open	12.3	257
12/15/2025	5:00:00	7	2.509	2.8	897,489	Open	12.3	257
12/15/2025	5:15:00	7	3.251	10.2	897,531	Open	12.3	258
12/15/2025	5:30:00	7	2.525	2.9	897,570	Open	12.2	257
12/15/2025	5:45:00	7	3.274	7.3	897,603	Open	12.2	257

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Data Date Range	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/15/2025	6:00:00	7	2.589	3.2	897,647	Open	12.1	257
12/15/2025	6:15:00	7	3.357	6.8	897,694	Open	12.1	258
12/15/2025	6:30:00	7	2.574	4.5	897,739	Open	12	259
12/15/2025	6:45:00	7	3.323	10.1	897,786	Open	12	259
12/15/2025	7:00:00	7.1	2.279	3.8	897,799	Closed	12.1	259
12/15/2025	7:15:00	7.1	3.342	8.8	897,841	Open	12.1	258
12/15/2025	7:30:00	7.1	2.555	3.6	897,884	Open	12.3	258
12/15/2025	7:45:00	7.1	3.316	14	897,933	Open	12.5	258
12/15/2025	8:00:00	7.1	0.450	14	897,961	Closed	12.8	258
12/15/2025	8:15:00	7.1	0.473	4.4	897,993	Closed	13	255
12/15/2025	8:30:00	7.1	3.539	7.4	898,036	Open	12.9	255
12/15/2025	8:45:00	7.1	3.354	15.9	898,087	Open	12.7	254
12/15/2025	9:00:00	7	0.519	36.1	898,120	Open	12.8	256
12/15/2025	9:15:00	7	3.482	14.6	898,166	Open	12.5	257
12/15/2025	9:30:00	7	3.422	16	898,218	Open	12.5	257
12/15/2025	9:45:00	7	3.251	6.4	898,244	Open	12.5	258
12/15/2025	10:00:00	7	2.820	3.5	898,291	Open	12.4	259
12/15/2025	10:15:00	7	3.202	4.4	898,338	Open	12.4	259
12/15/2025	10:30:00	7.1	2.108	12.9	898,383	Open	12.4	261
12/15/2025	10:45:00	7.1	3.115	12.2	898,421	Open	12.5	261
12/15/2025	11:00:00	7	2.502	10	898,456	Open	12.5	260
12/15/2025	11:15:00	7.1	0.382	27.6	898,487	Closed	12.4	261
12/15/2025	11:30:00	7	3.369	10	898,523	Open	12.3	261
12/15/2025	11:45:00	7	0.568	352	898,538	Closed	12.6	262
12/15/2025	12:00:00	7.1	3.512	5.1	898,558	Open	12.4	260

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/15/2025	12:15:00	7.1	3.770	2.6	898,608	Open	12.2	262
12/15/2025	12:30:00	7.1	3.058	401.2	898,651	Open	12.3	262
12/15/2025	12:45:00	7.1	3.282	7.2	898,687	Open	12.5	263
12/15/2025	13:00:00	7.1	2.415	386.8	898,711	Closed	12.7	263
12/15/2025	13:15:00	7.1	3.331	12.7	898,745	Open	12.9	263
12/15/2025	13:30:00	7	2.721	8.1	898,785	Open	13.1	263
12/15/2025	13:45:00	7.1	3.372	5.6	898,829	Open	13.1	263
12/15/2025	14:00:00	7.1	2.967	0.6	898,874	Open	13.2	263
12/15/2025	14:15:00	7.1	3.528	4.7	898,923	Open	13.3	263
12/15/2025	14:30:00	7.1	0.079	15.4	898,963	Closed	13.7	262
12/15/2025	14:45:00	7.1	3.482	5.5	899,000	Open	13.6	263
12/15/2025	15:00:00	7.1	3.407	10.3	899,045	Open	13.7	263
12/15/2025	15:15:00	7.1	0.560	13.5	899,066	Open	14.3	262
12/15/2025	15:30:00	7.1	3.403	5.1	899,105	Open	13.7	261
12/15/2025	15:45:00	7.1	0.590	1	899,128	Open	14.6	262
12/15/2025	16:00:00	7.1	3.429	2	899,178	Open	13.9	262
12/15/2025	16:15:00	7	3.399	6.2	899,229	Open	13.9	262
12/15/2025	16:30:00	7	3.509	4.5	899,281	Open	14	262
12/15/2025	16:45:00	7.1	0.526	1.6	899,329	Open	14.1	262
12/15/2025	17:00:00	7.1	3.372	2.9	899,355	Open	14.2	264
12/15/2025	17:15:00	7.1	0.681	3.8	899,401	Open	13.9	261
12/15/2025	17:30:00	7.1	1.556	1.8	899,427	Open	13.2	261
12/15/2025	17:45:00	7.1	3.179	4	899,463	Open	12.9	263
12/15/2025	18:00:00	7.1	2.971	4.8	899,508	Open	12.8	262
12/15/2025	18:15:00	7.1	2.926	3.7	899,546	Open	12.7	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	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/15/2025	18:30:00	7.1	2.941	5.1	899,591	Open	12.6	262
12/15/2025	18:45:00	7.1	2.941	5.3	899,635	Open	12.6	262
12/15/2025	19:00:00	7.1	2.933	5.7	899,668	Open	12.7	262
12/15/2025	19:15:00	7.1	0.507	41	899,702	Open	12.6	262
12/15/2025	19:30:00	7.1	2.998	105.5	899,717	Open	12.7	262
12/15/2025	19:45:00	7.1	2.502	12.6	899,750	Open	12.4	262
12/15/2025	20:00:00	7.2	3.441	13.5	899,798	Open	12.4	262
12/15/2025	20:15:00	7.1	3.444	15.1	899,849	Open	12.4	262
12/15/2025	20:30:00	7.1	3.433	16	899,897	Open	12.5	262
12/15/2025	20:45:00	7.1	3.327	15	899,919	Open	13.1	262
12/15/2025	21:00:00	7.2	3.539	5.6	899,963	Open	12.9	260
12/15/2025	21:15:00	7.1	3.429	4.3	900,015	Open	13.9	262
12/15/2025	21:30:00	7.1	3.425	3.1	900,046	Open	14.7	264
12/15/2025	21:45:00	7.1	3.263	3	900,077	Closed	15.1	262
12/15/2025	22:00:00	7.1	3.414	3.5	900,128	Open	15.5	264
12/15/2025	22:15:00	7.1	2.589	2.7	900,176	Open	15.3	262
12/15/2025	22:30:00	7.1	3.467	3.9	900,190	Open	15.8	263
12/15/2025	22:45:00	7.1	0.450	4.7	900,220	Closed	16.3	261
12/15/2025	23:00:00	7	3.444	2.5	900,259	Open	16.6	262
12/15/2025	23:15:00	7.1	2.604	6.3	900,304	Open	13.1	258
12/15/2025	23:30:00	7.1	3.671	5.5	900,332	Open	13.1	259
12/15/2025	23:45:00	7.1	2.634	4.9	900,377	Open	12.8	259
12/16/2025	0:00:00	7.1	3.607	4	900,431	Open	12.6	261
12/16/2025	0:15:00	7.1	0.731	13.4	900,475	Open	12.7	259
12/16/2025	0:30:00	7.1	3.554	4	900,499	Open	12.6	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	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/16/2025	0:45:00	7.1	3.448	5.5	900,550	Open	12.4	257
12/16/2025	1:00:00	7.1	3.444	13.8	900,604	Open	12.4	257
12/16/2025	1:15:00	7.1	0.549	10.3	900,633	Open	12.6	258
12/16/2025	1:30:00	7.1	3.645	11.7	900,667	Open	12.3	258
12/16/2025	1:45:00	7.1	0.939	400.4	900,718	Open	12.1	259
12/16/2025	2:00:00	7.1	3.668	3	900,749	Open	12.1	259
12/16/2025	2:15:00	7.1	3.410	4.3	900,798	Open	12.1	259
12/16/2025	2:30:00	7.1	0.583	1.6	900,827	Open	12.3	259
12/16/2025	2:45:00	7.1	3.664	4.2	900,872	Open	12.1	259
12/16/2025	3:00:00	7.1	3.441	5.4	900,920	Open	12.1	259
12/16/2025	3:15:00	7.1	0.568	2.4	900,966	Open	12.1	259
12/16/2025	3:30:00	7.1	3.653	7.5	901,001	Open	12.1	261
12/16/2025	3:45:00	7.1	3.403	7.4	901,052	Open	12.1	261
12/16/2025	4:00:00	7.1	3.433	6	901,078	Open	12.1	261
12/16/2025	4:15:00	7.1	3.577	9	901,131	Open	12	261
12/16/2025	4:30:00	7	3.403	10.9	901,183	Open	12	261
12/16/2025	4:45:00	7	3.361	13.6	901,234	Open	12	261
12/16/2025	5:00:00	7	3.444	23.4	901,254	Open	12.2	261
12/16/2025	5:15:00	7	3.425	6.3	901,288	Open	12.2	261
12/16/2025	5:30:00	7	3.456	11.9	901,319	Open	12	261
12/16/2025	5:45:00	7	3.645	5.5	901,368	Open	11.9	261
12/16/2025	6:00:00	7.1	0.515	4.3	901,403	Open	12.1	261
12/16/2025	6:15:00	7	3.630	7	901,448	Open	11.9	261
12/16/2025	6:30:00	7	3.376	7	901,500	Open	11.9	261
12/16/2025	6:45:00	7	3.410	6.9	901,530	Open	11.9	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	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/16/2025	7:00:00	7	3.573	13.4	901,581	Open	11.9	261
12/16/2025	7:15:00	7	2.971	6.2	901,606	Open	12.2	261
12/16/2025	7:30:00	7	2.907	3.6	901,657	Open	12.1	259
12/16/2025	7:45:00	7	2.865	2.4	901,697	Open	12.2	259
12/16/2025	8:00:00	7	2.846	7	901,740	Open	12.1	259
12/16/2025	8:15:00	7	2.642	2.8	901,777	Open	12.1	259
12/16/2025	8:30:00	7.1	2.816	3.2	901,818	Open	12.1	261
12/16/2025	8:45:00	7.1	2.941	3.9	901,857	Open	12.2	261
12/16/2025	9:00:00	7.1	2.824	4.3	901,900	Open	12.1	261
12/16/2025	9:15:00	7	3.327	5.6	901,942	Open	12.1	259
12/16/2025	9:30:00	7	3.285	3.7	901,990	Open	12.1	109
12/16/2025	9:45:00	7.1	3.289	2.5	902,029	Open	11.9	258
12/16/2025	10:00:00	7.1	0.545	1.1	902,069	Closed	11.9	261
12/16/2025	10:15:00	7	3.164	3.9	902,070	Open	12.4	261
12/16/2025	10:30:00	7	3.285	1	902,118	Open	11.8	259
12/16/2025	10:45:00	7	3.425	4.3	902,168	Open	11.8	261
12/16/2025	11:00:00	7	3.342	3.3	902,220	Open	11.8	262
12/16/2025	11:15:00	7	3.414	2.7	902,263	Open	12	263
12/16/2025	11:30:00	7	2.634	1.7	902,310	Open	12.3	262
12/16/2025	11:45:00	7	3.278	3.4	902,331	Open	12.4	261
12/16/2025	12:00:00	7	2.759	3.9	902,380	Open	12.5	261
12/16/2025	12:15:00	7	3.482	3.2	902,422	Closed	12.6	261
12/16/2025	12:30:00	7	2.612	3.2	902,466	Open	12.7	259
12/16/2025	12:45:00	7	3.509	6	902,487	Open	12.8	259
12/16/2025	13:00:00	7.1	3.319	4.5	902,531	Open	12.8	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	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/16/2025	13:15:00	7.1	3.365	6.1	902,566	Open	12.9	261
12/16/2025	13:30:00	7.1	3.524	7.7	902,617	Open	12.9	261
12/16/2025	13:45:00	7.1	3.331	9.7	902,664	Open	12.9	259
12/16/2025	14:00:00	7.1	0.322	12.9	902,692	Closed	13	259
12/16/2025	14:15:00	7.1	3.486	12.8	902,722	Open	12.6	258
12/16/2025	14:30:00	7.1	2.509	13.7	902,763	Open	12.4	258
12/16/2025	14:45:00	7.1	3.615	11.3	902,812	Open	12.3	258
12/16/2025	15:00:00	7.1	2.585	15	902,846	Open	12.3	258
12/16/2025	15:15:00	7.1	0.367	10.9	902,868	Closed	12.4	260
12/16/2025	15:30:00	7.1	3.422	12.4	902,916	Open	12.1	261
12/16/2025	15:45:00	7	3.388	13.4	902,967	Open	12.1	262
12/16/2025	16:00:00	7	0.643	12.9	902,982	Closed	12.2	262
12/16/2025	16:15:00	7	3.501	14.4	903,024	Open	12	262
12/16/2025	16:30:00	7	3.395	13.3	903,069	Open	12.1	262
12/16/2025	16:45:00	7	0.348	13.1	903,108	Closed	12.5	263
12/16/2025	17:00:00	7	3.577	14.8	903,139	Open	12.4	264
12/16/2025	17:15:00	7	2.903	12.8	903,188	Open	12.5	264
12/16/2025	17:30:00	7	4.288	15.3	903,204	Open	12.8	265
12/16/2025	17:45:00	7	2.684	12.8	903,253	Open	12.7	264
12/16/2025	18:00:00	7	3.592	13.3	903,281	Open	12.6	263
12/16/2025	18:15:00	7	2.752	12.4	903,331	Open	12.7	263
12/16/2025	18:30:00	7	0.291	13.9	903,365	Closed	12.9	264
12/16/2025	18:45:00	7	3.569	14.4	903,396	Open	12.8	263
12/16/2025	19:00:00	7	3.388	14.2	903,448	Open	12.8	263
12/16/2025	19:15:00	7	0.212	17.1	903,489	Closed	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	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/16/2025	19:30:00	7	3.331	16.2	903,521	Open	12.6	262
12/16/2025	19:45:00	7	3.475	11.7	903,564	Open	12.4	263
12/16/2025	20:00:00	7	0.575	4.5	903,596	Open	12.4	262
12/16/2025	20:15:00	7	3.335	5.9	903,620	Open	12.2	264
12/16/2025	20:30:00	7	3.323	8.8	903,667	Open	12.1	263
12/16/2025	20:45:00	7	3.202	5.8	903,690	Open	12.4	263
12/16/2025	21:00:00	7	3.342	3.9	903,737	Open	12.1	261
12/16/2025	21:15:00	7	3.319	4.8	903,785	Open	12.2	261
12/16/2025	21:30:00	7	0.556	4.4	903,808	Open	12.5	261
12/16/2025	21:45:00	7	3.475	6.8	903,819	Open	12.1	261
12/16/2025	22:00:00	7	3.346	2.8	903,866	Open	12.2	261
12/16/2025	22:15:00	7	2.896	4.6	903,916	Open	12.2	261
12/16/2025	22:30:00	7	3.354	3.9	903,961	Open	12.1	261
12/16/2025	22:45:00	7	0.371	130.2	904,001	Open	12.2	261
12/16/2025	23:00:00	7.1	3.577	5.3	904,034	Open	12.1	261
12/16/2025	23:15:00	7.1	3.357	4.7	904,086	Open	12.1	261
12/16/2025	23:30:00	7.1	3.380	6.3	904,109	Open	12.4	261
12/16/2025	23:45:00	7.1	3.361	4.4	904,161	Open	12.1	261
12/17/2025	0:00:00	7.1	3.198	12	904,188	Closed	12.3	261
12/17/2025	0:15:00	7	3.331	5.6	904,229	Open	12	261
12/17/2025	0:30:00	7	2.377	5.3	904,272	Open	12.1	261
12/17/2025	0:45:00	7	0.871	5.5	904,272	Closed	12.6	264
12/17/2025	1:00:00	7	3.376	8.2	904,309	Open	12.2	261
12/17/2025	1:15:00	7	0.780	7.4	904,340	Closed	12.3	262
12/17/2025	1:30:00	7	3.365	9.2	904,382	Open	12.2	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	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/17/2025	1:45:00	7	3.369	1.8	904,414	Open	12.1	261
12/17/2025	2:00:00	7	0.613	3.5	904,459	Closed	12	261
12/17/2025	2:15:00	7	3.346	3.9	904,490	Open	12	261
12/17/2025	2:30:00	7	3.501	6.6	904,540	Open	12	261
12/17/2025	2:45:00	7	2.729	2.6	904,587	Open	12	261
12/17/2025	3:00:00	7	0.511	4.1	904,618	Open	12.2	261
12/17/2025	3:15:00	7	3.535	3.5	904,652	Open	12	260
12/17/2025	3:30:00	7	3.316	2.8	904,700	Open	12	260
12/17/2025	3:45:00	7	3.524	5.3	904,713	Open	12.2	260
12/17/2025	4:00:00	7	3.323	3.3	904,761	Open	11.8	262
12/17/2025	4:15:00	7	3.338	3.3	904,808	Open	11.8	260
12/17/2025	4:30:00	7	3.259	7.2	904,825	Open	12	263
12/17/2025	4:45:00	7	3.354	4.7	904,872	Open	11.6	260
12/17/2025	5:00:00	7	0.526	5	904,919	Closed	11.6	260
12/17/2025	5:15:00	7	3.327	5.6	904,944	Open	11.6	262
12/17/2025	5:30:00	7	3.285	4.8	904,994	Open	11.6	262
12/17/2025	5:45:00	7	3.308	5	905,034	Open	11.6	263
12/17/2025	6:00:00	7	0.416	5.5	905,074	Closed	11.7	264
12/17/2025	6:15:00	7	3.482	8.4	905,099	Open	11.5	263
12/17/2025	6:30:00	7	3.338	9.4	905,142	Open	11.5	262
12/17/2025	6:45:00	7	0.454	8.2	905,168	Closed	11.6	262
12/17/2025	7:00:00	7	3.327	12.1	905,204	Open	11.4	262
12/17/2025	7:15:00	7	0.553	17.8	905,232	Open	11.5	262
12/17/2025	7:30:00	7	3.323	15.5	905,278	Open	11.3	262
12/17/2025	7:45:00	7	3.316	4.3	905,329	Open	11.3	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	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/17/2025	8:00:00	7	3.297	7.6	905,375	Open	11.3	262
12/17/2025	8:15:00	7	2.559	4.4	905,405	Open	11.2	262
12/17/2025	8:30:00	7	3.263	5.4	905,448	Open	11.1	262
12/17/2025	8:45:00	7	3.407	3.6	905,497	Open	11.1	262
12/17/2025	9:00:00	7	3.255	5.6	905,548	Open	11.2	263
12/17/2025	9:15:00	7	3.399	5	905,563	Open	11.2	263
12/17/2025	9:30:00	7	3.323	4.5	905,614	Open	11.3	263
12/17/2025	9:45:00	7.1	0.806	31.2	905,650	Closed	11.4	263
12/17/2025	10:00:00	7	3.210	28.9	905,655	Open	11.4	263
12/17/2025	10:15:00	7	3.017	17.8	905,668	Open	11.3	263
12/17/2025	10:30:00	7	0.746	21.7	905,712	Open	11.3	262
12/17/2025	10:45:00	7	3.126	23.1	905,750	Open	11.4	262
12/17/2025	11:00:00	7	3.486	6.5	905,788	Open	11.4	262
12/17/2025	11:15:00	7	3.645	8.9	905,840	Open	11.5	262
12/17/2025	11:30:00	7	3.100	10.5	905,856	Open	11.6	262
12/17/2025	11:45:00	7	3.263	13.3	905,918	Open	11.6	264
12/17/2025	12:00:00	7	3.123	8.4	905,966	Open	11.8	264
12/17/2025	12:15:00	7	0.397	11.4	906,004	Open	12	262
12/17/2025	12:30:00	7	2.892	21	906,041	Open	12	262
12/17/2025	12:45:00	7	2.767	65.9	906,076	Closed	12	262
12/17/2025	13:00:00	7	3.217	4.2	906,107	Open	12	264
12/17/2025	13:15:00	7	3.126	4.5	906,155	Open	12	264
12/17/2025	13:30:00	7	3.157	9.9	906,198	Open	12	264
12/17/2025	13:45:00	7	3.115	12	906,246	Open	12	263
12/17/2025	14:00:00	7	2.975	89.2	906,277	Closed	12.2	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	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/17/2025	14:15:00	7	3.266	8.8	906,297	Open	12	266
12/17/2025	14:30:00	7	3.085	11.2	906,345	Open	12	266
12/17/2025	14:45:00	7	3.160	9.5	906,381	Open	12	264
12/17/2025	15:00:00	7	3.104	10.8	906,428	Open	12	263
12/17/2025	15:15:00	7	2.453	39.4	906,449	Open	12.2	264
12/17/2025	15:30:00	7	2.388	34.9	906,464	Closed	12.1	264
12/17/2025	15:45:00	7	3.051	124.7	906,506	Open	12	264
12/17/2025	16:00:00	7	2.873	23	906,547	Open	11.9	264
12/17/2025	16:15:00	7	2.930	25.5	906,588	Open	11.9	263
12/17/2025	16:30:00	7	3.399	115.3	906,632	Open	11.8	263
12/17/2025	16:45:00	7	3.323	9.1	906,675	Open	11.8	265
12/17/2025	17:00:00	7	3.407	4.9	906,726	Open	12.2	265
12/17/2025	17:15:00	7	3.202	3.6	906,775	Open	12.7	266
12/17/2025	17:30:00	7	3.217	2.9	906,804	Open	13.3	264
12/17/2025	17:45:00	7	3.357	2.3	906,853	Open	14.1	264
12/17/2025	18:00:00	7	3.134	2.6	906,901	Open	14.6	263
12/17/2025	18:15:00	6.9	3.338	3	906,914	Open	14.7	265
12/17/2025	18:30:00	6.9	3.418	3	906,957	Open	14.9	267
12/17/2025	18:45:00	6.9	1.453	3.1	907,006	Closed	15.1	267
12/17/2025	19:00:00	6.9	3.229	3.1	907,025	Open	15.2	267
12/17/2025	19:15:00	6.9	3.361	3.1	907,074	Open	15.4	265
12/17/2025	19:30:00	6.9	3.168	2.9	907,123	Open	15.5	266
12/17/2025	19:45:00	6.9	3.176	2.9	907,135	Open	15.6	265
12/17/2025	20:00:00	6.9	3.304	2.6	907,184	Open	15.6	266
12/17/2025	20:15:00	6.9	0.416	3	907,211	Closed	15.7	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	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/17/2025	20:30:00	6.9	3.369	2.7	907,242	Open	15.8	265
12/17/2025	20:45:00	6.9	3.217	2.6	907,287	Open	15.8	267
12/17/2025	21:00:00	6.9	3.085	2.6	907,312	Closed	15.8	267
12/17/2025	21:15:00	6.9	3.380	2.8	907,361	Open	15.8	270
12/17/2025	21:30:00	6.9	0.401	2.9	907,405	Closed	15.8	270
12/17/2025	21:45:00	6.9	3.365	2.8	907,423	Open	15.7	270
12/17/2025	22:00:00	6.9	0.424	3	907,468	Closed	15.6	270
12/17/2025	22:15:00	6.9	3.168	2.9	907,500	Open	15.5	272
12/17/2025	22:30:00	6.9	2.555	2.9	907,515	Open	15.4	272
12/17/2025	22:45:00	6.9	3.395	2.7	907,562	Open	15.3	272
12/17/2025	23:00:00	6.9	0.295	3.1	907,604	Closed	15.2	273
12/17/2025	23:15:00	6.9	3.384	2.8	907,630	Open	15.1	273
12/17/2025	23:30:00	6.9	3.331	2.9	907,681	Open	15.1	273
12/17/2025	23:45:00	6.9	0.299	3	907,716	Closed	15.1	274
12/18/2025	0:00:00	6.9	3.232	2.7	907,739	Open	15.2	273
12/18/2025	0:15:00	6.9	3.244	2.6	907,761	Open	15.3	272
12/18/2025	0:30:00	6.9	3.372	121.6	907,812	Open	14.3	272
12/18/2025	0:45:00	7	0.288	8.6	907,849	Closed	12.1	265
12/18/2025	1:00:00	7.1	0.522	18.5	907,891	Open	11.7	264
12/18/2025	1:15:00	7.1	3.346	32.1	907,927	Open	11.6	264
12/18/2025	1:30:00	7.1	2.403	27.8	907,975	Open	11.5	264
12/18/2025	1:45:00	7	3.244	14.1	908,018	Open	11.5	264
12/18/2025	2:00:00	7.2	3.255	10.2	908,045	Open	11.8	263
12/18/2025	2:15:00	7.3	2.615	8.6	908,095	Open	12.3	264
12/18/2025	2:30:00	7.2	3.282	7.2	908,139	Open	12.7	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	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/18/2025	2:45:00	7.2	3.251	6.9	908,188	Open	13.3	263
12/18/2025	3:00:00	7.1	3.225	6.3	908,237	Open	13.9	265
12/18/2025	3:15:00	7.1	2.396	5.9	908,264	Open	14.4	266
12/18/2025	3:30:00	7	3.422	5.7	908,309	Open	14.8	264
12/18/2025	3:45:00	7.2	3.244	6.6	908,358	Open	12.1	259
12/18/2025	4:00:00	7.1	3.206	9.1	908,406	Open	12	262
12/18/2025	4:15:00	7.1	0.500	14.3	908,438	Open	12.2	261
12/18/2025	4:30:00	7.1	3.274	47.2	908,475	Open	12	261
12/18/2025	4:45:00	7.1	3.255	9.3	908,523	Open	11.9	262
12/18/2025	5:00:00	7.1	3.407	23	908,572	Open	11.8	262
12/18/2025	5:15:00	7.1	3.172	3.6	908,618	Open	12.2	262
12/18/2025	5:30:00	7.1	0.598	8.1	908,663	Open	12	262
12/18/2025	5:45:00	7.1	3.251	11.3	908,695	Open	11.7	260
12/18/2025	6:00:00	7.1	2.559	46.4	908,743	Open	11.7	261
12/18/2025	6:15:00	7	2.759	12.1	908,789	Open	11.6	261
12/18/2025	6:30:00	7	3.221	16.1	908,835	Open	11.6	262
12/18/2025	6:45:00	7.1	3.418	20.2	908,867	Open	11.6	262
12/18/2025	7:00:00	7	3.236	16.2	908,917	Open	11.5	261
12/18/2025	7:15:00	7.1	3.202	9.9	908,966	Open	11.6	261
12/18/2025	7:30:00	7	3.232	17.2	909,006	Open	11.5	261
12/18/2025	7:45:00	7.1	0.466	7.9	909,040	Open	11.7	261
12/18/2025	8:00:00	7	2.767	5.9	909,069	Open	11.6	262
12/18/2025	8:15:00	7.1	3.259	8.5	909,117	Open	11.5	260
12/18/2025	8:30:00	7.1	3.263	10.5	909,166	Open	11.4	260
12/18/2025	8:45:00	7.1	0.579	15.5	909,211	Open	11.3	260

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/18/2025	9:00:00	7.1	3.369	27.4	909,239	Open	11.3	261
12/18/2025	9:15:00	7.1	0.541	11.2	909,285	Open	11.2	262
12/18/2025	9:30:00	7	3.323	13.1	909,313	Open	11.2	262
12/18/2025	9:45:00	7	3.232	12.9	909,362	Open	11.2	260
12/18/2025	10:00:00	7	2.986	29.2	909,379	Closed	11	260
12/18/2025	10:15:00	7	1.934	17.3	909,398	Open	11.2	260
12/18/2025	10:30:00	7	3.259	19.3	909,441	Open	11.1	262
12/18/2025	10:45:00	7	3.475	13.4	909,490	Open	11.1	261
12/18/2025	11:00:00	7	3.274	9.8	909,541	Open	11.2	259
12/18/2025	11:15:00	7	0.556	20.5	909,584	Open	11.3	258
12/18/2025	11:30:00	7	3.441	14	909,627	Open	11.3	258
12/18/2025	11:45:00	7.1	0.833	18.9	909,656	Closed	11.5	258
12/18/2025	12:00:00	7.1	3.229	11.4	909,678	Open	11.7	259
12/18/2025	12:15:00	7.1	3.259	7	909,719	Open	11.7	258
12/18/2025	12:30:00	7.1	3.213	9	909,768	Open	11.9	260
12/18/2025	12:45:00	7.1	3.210	14.7	909,808	Open	12	259
12/18/2025	13:00:00	7.1	1.045	20.5	909,855	Closed	12	258
12/18/2025	13:15:00	7.1	2.033	52.1	909,867	Open	12.1	260
12/18/2025	13:30:00	7.1	3.153	15.8	909,902	Open	11.9	257
12/18/2025	13:45:00	7	3.145	9.7	909,950	Open	11.9	258
12/18/2025	14:00:00	7	3.142	13.2	909,997	Open	12.1	257
12/18/2025	14:15:00	7	3.126	15.7	910,043	Open	11.8	253
12/18/2025	14:30:00	7	3.077	24	910,090	Open	12.4	255
12/18/2025	14:45:00	7.1	3.036	61.4	910,136	Open	12.4	256
12/18/2025	15:00:00	7.1	0.579	22.9	910,162	Closed	12.4	256

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/18/2025	15:15:00	7	0.746	25.4	910,182	Closed	12.3	257
12/18/2025	15:30:00	7	3.274	10.5	910,229	Open	12.2	258
12/18/2025	15:45:00	7	3.259	11.8	910,278	Open	12.4	259
12/18/2025	16:00:00	7	3.622	21.9	910,327	Open	12.6	257
12/18/2025	16:15:00	7	1.911	33.7	910,365	Open	12.7	258
12/18/2025	16:30:00	7.1	3.259	14.9	910,388	Open	12.8	258
12/18/2025	16:45:00	7.1	3.138	18.3	910,435	Open	12.6	258
12/18/2025	17:00:00	7.1	3.126	25	910,474	Open	12.6	258
12/18/2025	17:15:00	7.1	2.048	24	910,500	Open	12.5	256
12/18/2025	17:30:00	7.1	2.763	16	910,531	Open	12.6	258
12/18/2025	17:45:00	7	2.949	15.2	910,573	Open	12.5	259
12/18/2025	18:00:00	7	2.737	13.2	910,615	Open	12.5	260
12/18/2025	18:15:00	7	0.519	19.7	910,641	Closed	12.7	259
12/18/2025	18:30:00	7	3.066	10.1	910,683	Open	12.4	262
12/18/2025	18:45:00	7	3.047	10.8	910,728	Open	12.4	262
12/18/2025	19:00:00	7	3.017	17	910,774	Open	12.4	261
12/18/2025	19:15:00	7	3.028	19	910,802	Open	12.6	262
12/18/2025	19:30:00	7	3.153	31.6	910,847	Open	12.5	262
12/18/2025	19:45:00	7	3.138	18.9	910,894	Open	12.1	260
12/18/2025	20:00:00	7	2.392	51.9	910,936	Open	12.5	262
12/18/2025	20:15:00	7	3.039	62.2	910,978	Open	12.7	262
12/18/2025	20:30:00	7	0.488	6.8	911,010	Open	12.9	262
12/18/2025	20:45:00	7	2.998	1.1	911,050	Open	12.7	262
12/18/2025	21:00:00	7	3.164	3.7	911,095	Open	12.4	260
12/18/2025	21:15:00	7	3.013	10.1	911,142	Open	13.1	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	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/18/2025	21:30:00	7	3.020	2	911,184	Open	12.7	258
12/18/2025	21:45:00	7	0.855	12.6	911,225	Open	12	258
12/18/2025	22:00:00	7.1	3.157	13.7	911,260	Open	11.8	257
12/18/2025	22:15:00	7.1	3.017	12.6	911,306	Open	11.7	259
12/18/2025	22:30:00	7	3.002	18.6	911,351	Open	11.8	259
12/18/2025	22:45:00	7.1	3.020	45.2	911,389	Open	11.9	258
12/18/2025	23:00:00	7	3.017	11.8	911,422	Open	11.8	258
12/18/2025	23:15:00	7	3.036	13.8	911,463	Open	11.7	259
12/18/2025	23:30:00	7	3.017	22.3	911,509	Open	11.6	259
12/18/2025	23:45:00	7.1	0.484	6.6	911,539	Open	11.7	257
12/19/2025	0:00:00	7.1	3.039	23	911,577	Open	11.6	258
12/19/2025	0:15:00	7.1	0.617	9.1	911,618	Open	11.7	259
12/19/2025	0:30:00	7.2	3.278	7	911,653	Open	11.7	259
12/19/2025	0:45:00	7.2	3.255	17.8	911,702	Open	11.7	255
12/19/2025	1:00:00	7.3	3.395	47.7	911,750	Open	11.7	255
12/19/2025	1:15:00	7.3	3.089	45.1	911,796	Open	11.6	256
12/19/2025	1:30:00	7.3	2.494	20.2	911,823	Open	11.5	256
12/19/2025	1:45:00	7.3	3.002	37	911,866	Open	11.5	259
12/19/2025	2:00:00	7.3	2.994	11.6	911,911	Open	11.9	259
12/19/2025	2:15:00	7.2	2.207	5.2	911,954	Open	12.4	259
12/19/2025	2:30:00	7.2	3.062	4.6	911,980	Open	11.8	257
12/19/2025	2:45:00	7.2	0.530	8.9	912,022	Open	12	259
12/19/2025	3:00:00	7.2	3.002	7.2	912,052	Open	11.4	258
12/19/2025	3:15:00	7.1	2.385	15.9	912,090	Open	11.4	257
12/19/2025	3:30:00	7.2	2.937	16.9	912,135	Open	11.4	258

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/19/2025	3:45:00	7.2	2.918	23.1	912,179	Open	11.3	258
12/19/2025	4:00:00	7.2	2.918	7.5	912,222	Open	11.5	258
12/19/2025	4:15:00	7.1	2.248	5.1	912,266	Open	11.9	262
12/19/2025	4:30:00	7.3	2.933	13.9	912,303	Open	11.6	259
12/19/2025	4:45:00	7.3	2.930	17.4	912,347	Open	11.6	261
12/19/2025	5:00:00	0	0.000	0	0	Closed	0	0
12/19/2025	5:15:00	0	0.000	0	0	Closed	0	0
12/19/2025	5:45:00	7.1	2.343	7.9	912,515	Open	11.4	260
12/19/2025	6:00:00	7.1	2.956	13.5	912,558	Open	11.4	261
12/19/2025	6:15:00	7.1	2.941	14.8	912,602	Open	11.4	261
12/19/2025	6:30:00	7.1	2.937	29.5	912,646	Open	11.4	261
12/19/2025	6:45:00	7.1	2.362	44	912,685	Open	11.4	261
12/19/2025	7:00:00	7.1	2.949	25.8	912,728	Open	11.3	262
12/19/2025	7:15:00	7.1	0.632	25.3	912,771	Open	11.4	262
12/19/2025	7:30:00	7.1	2.661	9.2	912,798	Open	11.5	264
12/19/2025	7:45:00	7.1	2.964	11.1	912,842	Open	11.5	262
12/19/2025	8:00:00	7.1	3.134	21.3	912,870	Open	11.5	261
12/19/2025	8:15:00	7	3.123	13.5	912,898	Open	11.4	262
12/19/2025	8:30:00	7	3.130	19.1	912,945	Open	11.4	263
12/19/2025	8:45:00	7	3.138	38.7	912,992	Open	11.4	263
12/19/2025	9:00:00	7.1	2.888	12.6	913,030	Open	11.4	262
12/19/2025	9:15:00	7.1	3.047	6.7	913,054	Open	11.9	262
12/19/2025	9:30:00	7	3.149	7.7	913,101	Open	12.2	262
12/19/2025	9:45:00	7	0.443	8.5	913,145	Closed	11.6	263
12/19/2025	10:00:00	7	3.179	8.7	913,169	Open	11.6	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	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/19/2025	10:15:00	7	2.017	14.3	913,212	Open	11.5	261
12/19/2025	10:30:00	7	3.153	12.2	913,254	Open	11.6	263
12/19/2025	10:45:00	7.1	2.237	22	913,298	Open	11.7	265
12/19/2025	11:00:00	7.1	2.975	14.4	913,332	Open	11.8	265
12/19/2025	11:15:00	7.1	2.933	24	913,376	Open	11.9	263
12/19/2025	11:30:00	7.1	2.952	27	913,413	Open	12.1	261
12/19/2025	11:45:00	7.1	2.441	10.1	913,429	Open	12.2	261
12/19/2025	12:00:00	7.1	3.089	16.2	913,462	Open	12	262
12/19/2025	12:15:00	7.1	3.070	124	913,493	Open	11.8	262
12/19/2025	12:30:00	7.1	3.115	13.6	913,536	Open	11.8	263
12/19/2025	12:45:00	7.1	3.081	40.7	913,583	Open	11.9	263
12/19/2025	13:00:00	7.1	3.236	10.2	913,613	Open	12.7	262
12/19/2025	13:15:00	7.1	3.217	6.8	913,662	Open	13.2	263
12/19/2025	13:30:00	7.1	0.428	10.3	913,701	Open	13.7	263
12/19/2025	13:45:00	7.1	3.176	10.5	913,741	Open	14.3	264
12/19/2025	14:00:00	7.1	3.153	10.7	913,788	Open	14.1	263
12/19/2025	14:15:00	7.1	3.751	18.8	913,833	Open	13.9	264
12/19/2025	14:30:00	7.1	3.240	13.5	913,879	Open	13.6	263
12/19/2025	14:45:00	7.2	0.371	5.7	913,912	Closed	11.3	262
12/19/2025	15:00:00	7.1	0.000	64.7	913,932	Closed	11	260
12/19/2025	15:15:00	7.2	0.212	19.7	913,935	Closed	10.9	262
12/19/2025	15:30:00	7.1	2.892	18.5	913,968	Open	11	262
12/19/2025	15:45:00	7.2	2.214	29.1	913,978	Closed	11	262
12/19/2025	16:00:00	7.2	2.797	24.8	913,990	Closed	11	264
12/19/2025	16:15:00	7	3.115	17	914,030	Open	11	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	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/19/2025	16:30:00	7.1	3.073	21.8	914,051	Open	11.1	264
12/19/2025	16:45:00	7.1	1.298	27.8	914,082	Closed	11.2	265
12/19/2025	17:00:00	7.3	3.293	2.1	914,117	Open	11.1	266
12/19/2025	17:15:00	7.2	3.361	9.3	914,156	Open	12	266
12/19/2025	17:30:00	7.1	3.251	13.9	914,201	Open	11.3	266
12/19/2025	17:45:00	7.1	3.036	15	914,248	Open	11.2	264
12/19/2025	18:00:00	7.1	2.385	46	914,284	Open	11.3	264
12/19/2025	18:15:00	7.1	2.865	18.3	914,326	Open	11.2	266
12/19/2025	18:30:00	7.1	3.119	18.5	914,370	Open	11.4	267
12/19/2025	18:45:00	7.1	3.017	13.9	914,410	Open	11.3	266
12/19/2025	19:00:00	7.2	3.645	8	914,432	Open	11.3	266
12/19/2025	19:15:00	7.1	3.100	13.8	914,477	Open	11.2	266
12/19/2025	19:30:00	7.1	2.964	10.6	914,523	Open	11.3	265
12/19/2025	19:45:00	7	3.149	11.2	914,560	Open	11.2	266
12/19/2025	20:00:00	7	2.858	1.3	914,606	Open	11.2	266
12/19/2025	20:15:00	7	0.492	0.5	914,643	Open	11.7	264
12/19/2025	20:30:00	7	3.282	3.6	914,683	Open	12.4	267
12/19/2025	20:45:00	7	3.017	12.6	914,726	Open	13.4	266
12/19/2025	21:00:00	7.1	3.013	13.6	914,771	Open	14.2	264
12/19/2025	21:15:00	7.1	3.002	18.6	914,816	Open	14.8	265
12/19/2025	21:30:00	7.2	2.983	16.6	914,861	Open	15.4	266
12/19/2025	21:45:00	7.2	2.415	365.5	914,906	Open	16.2	266
12/19/2025	22:00:00	7.2	3.172	13	914,948	Open	16.9	264
12/19/2025	22:15:00	7.2	3.138	22.9	914,995	Open	17.1	265
12/19/2025	22:30:00	7.2	3.266	14.6	915,043	Open	17.4	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	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/19/2025	22:45:00	7.2	3.149	13.1	915,091	Open	18	268
12/19/2025	23:00:00	7.2	3.104	14.3	915,137	Open	18.8	266
12/19/2025	23:15:00	7.2	2.600	7	915,163	Open	19.3	266
12/19/2025	23:30:00	7.1	0.367	7.8	915,185	Open	19.8	267
12/19/2025	23:45:00	7.1	3.104	10.7	915,216	Open	20.1	267
12/20/2025	0:00:00	7.1	3.077	9.9	915,262	Open	20.4	266
12/20/2025	0:15:00	7.1	3.217	32.9	915,304	Open	20.5	266
12/20/2025	0:30:00	7.1	3.070	14.1	915,351	Open	20.7	268
12/20/2025	0:45:00	7.1	2.468	28.1	915,395	Open	21.1	269
12/20/2025	1:00:00	7.1	3.251	10.7	915,442	Open	21.7	269
12/20/2025	1:15:00	7.1	3.104	6.6	915,489	Open	22.1	269
12/20/2025	1:30:00	7.1	3.070	8.5	915,535	Open	22.1	269
12/20/2025	1:45:00	7	2.578	8.3	915,580	Open	22.1	271
12/20/2025	2:00:00	7	3.168	23.7	915,609	Open	22.2	271
12/20/2025	2:15:00	7	3.138	22.3	915,656	Open	22.4	271
12/20/2025	2:30:00	7	0.545	1.1	915,694	Open	22.5	271
12/20/2025	2:45:00	7	2.945	1.8	915,720	Open	22.3	272
12/20/2025	3:00:00	7	0.420	9.9	915,752	Open	22.2	272
12/20/2025	3:15:00	7	3.043	17.2	915,788	Open	22.1	271
12/20/2025	3:30:00	7	3.020	15.5	915,834	Open	22	272
12/20/2025	3:45:00	7	2.388	94.3	915,879	Open	21.9	271
12/20/2025	4:00:00	7	3.096	20.3	915,905	Open	21.6	272
12/20/2025	4:15:00	7	2.301	399	915,950	Open	21.4	274
12/20/2025	4:30:00	7	3.070	18.7	915,992	Open	21.3	274
12/20/2025	4:45:00	7	0.466	32.8	916,024	Open	21.3	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	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/20/2025	5:00:00	7	2.123	77.8	916,061	Open	21.4	276
12/20/2025	5:15:00	7	3.107	35.6	916,102	Open	21.3	274
12/20/2025	5:30:00	7	0.477	14.5	916,137	Open	21	276
12/20/2025	5:45:00	6.9	3.111	13.2	916,178	Open	20.6	278
12/20/2025	6:00:00	7	3.100	15.9	916,225	Open	20.4	276
12/20/2025	6:15:00	7	3.054	26.3	916,271	Open	20.5	277
12/20/2025	6:30:00	7	3.096	26.5	916,299	Open	20.6	277
12/20/2025	6:45:00	7	3.066	18.6	916,345	Open	20.7	277
12/20/2025	7:00:00	7	3.058	18.9	916,373	Open	20.8	278
12/20/2025	7:15:00	7	3.020	17.7	916,419	Open	20.9	276
12/20/2025	7:30:00	7	3.164	31.3	916,445	Open	21	276
12/20/2025	7:45:00	7	2.547	37.6	916,487	Open	20.8	276
12/20/2025	8:00:00	7	3.240	26.9	916,533	Open	20.5	277
12/20/2025	8:15:00	7	3.062	17.9	916,580	Open	20.2	278
12/20/2025	8:30:00	7	3.221	19.6	916,611	Open	20	277
12/20/2025	8:45:00	7	3.073	11.4	916,657	Open	19.9	279
12/20/2025	9:00:00	7	3.054	9.9	916,703	Open	19.7	278
12/20/2025	9:15:00	7	3.172	14.3	916,749	Open	19.6	277
12/20/2025	9:30:00	7	3.032	10.9	916,795	Open	19.4	278
12/20/2025	9:45:00	7	3.005	11.4	916,840	Open	19.3	278
12/20/2025	10:00:00	7	2.986	10.3	916,886	Open	19.4	278
12/20/2025	10:15:00	7.1	3.213	13.1	916,931	Open	19.5	277
12/20/2025	10:30:00	7.1	2.945	10.2	916,963	Open	12.9	264
12/20/2025	10:45:00	7.1	3.051	14.2	917,007	Open	14	266
12/20/2025	11:00:00	7.1	2.888	13.5	917,051	Open	14.9	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	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/20/2025	11:15:00	7.1	0.386	10.5	917,072	Open	16	268
12/20/2025	11:30:00	7.1	2.790	12.6	917,092	Open	16.5	266
12/20/2025	11:45:00	7.1	3.020	19	917,137	Open	16.8	270
12/20/2025	12:00:00	-0.4	3.092	2.7	917,181	Open	17	269
12/20/2025	12:15:00	7	0.000	17	917,224	Open	17	268
12/20/2025	12:30:00	7	2.354	14	917,251	Open	17.1	269
12/20/2025	12:45:00	7	2.960	13.4	917,284	Open	17.3	268
12/20/2025	13:00:00	7	2.744	8.5	917,326	Open	17.5	268
12/20/2025	13:15:00	7	3.157	16.2	917,369	Open	17.6	268
12/20/2025	13:30:00	7	3.085	9.7	917,406	Open	11.4	261
12/20/2025	13:45:00	7	3.293	20.7	917,451	Open	11.3	262
12/20/2025	14:00:00	7.1	0.935	44.4	917,462	Closed	11.1	109
12/20/2025	14:15:00	7	2.805	13.6	917,481	Open	11.5	109
12/20/2025	14:30:00	7.1	2.188	12.7	917,516	Open	12.3	111
12/20/2025	14:45:00	7	2.835	11.8	917,545	Open	12.9	110
12/20/2025	15:00:00	7	2.835	11.8	917,545	Open	12.9	110
12/20/2025	15:15:00	7	2.835	11.8	917,545	Open	12.9	110
12/20/2025	15:30:00	7	3.357	9.1	917,681	Open	14.4	255
12/20/2025	15:45:00	7	3.244	16.9	917,729	Open	11.8	258
12/20/2025	16:00:00	7	3.232	22	917,768	Open	11.9	261
12/20/2025	16:15:00	7	3.414	24.8	917,814	Open	12.3	260
12/20/2025	16:30:00	7	1.435	81	917,846	Closed	11.9	261
12/20/2025	16:45:00	7	1.688	14.7	917,876	Open	12	262
12/20/2025	17:00:00	6.9	2.801	18	917,907	Open	11.8	263
12/20/2025	17:15:00	6.9	3.160	17.1	917,951	Open	12.2	263

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/20/2025	17:30:00	6.9	3.130	16.5	917,998	Open	13.2	265
12/20/2025	17:45:00	7	2.990	23.6	918,022	Closed	14	265
12/20/2025	18:00:00	7	3.013	5.4	918,068	Open	11.9	263
12/20/2025	18:15:00	7.1	3.119	4	918,110	Open	12	263
12/20/2025	18:30:00	7.1	0.617	18.3	918,132	Closed	11.8	265
12/20/2025	18:45:00	7	3.092	30.3	918,163	Open	11.6	263
12/20/2025	19:00:00	7	2.195	119	918,207	Open	11.6	263
12/20/2025	19:15:00	7.1	2.055	21.7	918,251	Open	11.8	265
12/20/2025	19:30:00	7	3.028	21.2	918,293	Open	13.1	265
12/20/2025	19:45:00	7	3.160	21.3	918,340	Open	14.1	265
12/20/2025	20:00:00	7	3.036	10.6	918,385	Open	11.8	260
12/20/2025	20:15:00	7	3.017	11.8	918,431	Open	11.9	262
12/20/2025	20:30:00	7.1	2.986	38.7	918,476	Open	12.8	266
12/20/2025	20:45:00	7.1	2.604	399.4	918,516	Open	11.7	258
12/20/2025	21:00:00	7.1	3.145	60.1	918,537	Open	11.9	259
12/20/2025	21:15:00	7	3.100	399.2	918,584	Open	12.9	258
12/20/2025	21:30:00	7.1	3.066	19.7	918,630	Open	13.9	262
12/20/2025	21:45:00	7.1	3.187	35.1	918,667	Open	15	262
12/20/2025	22:00:00	7.1	0.363	9.1	918,692	Open	15.8	260
12/20/2025	22:15:00	7.1	3.213	7.4	918,733	Open	16.4	262
12/20/2025	22:30:00	7.1	3.089	6.8	918,780	Open	16.7	260
12/20/2025	22:45:00	7	3.119	11.2	918,824	Open	16.9	262
12/20/2025	23:00:00	7.1	0.466	6.1	918,848	Open	17.2	262
12/20/2025	23:15:00	7	3.240	26.4	918,892	Open	17.5	262
12/20/2025	23:30:00	7.1	2.861	12.5	918,937	Open	17.2	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	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/20/2025	23:45:00	7.1	2.983	10.1	918,979	Open	17.5	261
12/21/2025	0:00:00	7.2	2.964	16.1	919,023	Open	17.8	262
12/21/2025	0:15:00	7.2	2.426	39.4	919,066	Open	18.1	261
12/21/2025	0:30:00	7.1	3.107	37.9	919,103	Open	18.4	262
12/21/2025	0:45:00	7.1	2.892	44.7	919,149	Open	18.5	262
12/21/2025	1:00:00	7.1	0.466	41.8	919,185	Open	11.6	259
12/21/2025	1:15:00	7.1	2.869	42.5	919,222	Open	12.3	259
12/21/2025	1:30:00	7	2.827	11	919,264	Open	13.3	262
12/21/2025	1:45:00	7.1	0.352	28.9	919,301	Open	14.1	261
12/21/2025	2:00:00	7.1	2.335	7.6	919,331	Open	14.9	264
12/21/2025	2:15:00	7.1	2.926	16.5	919,355	Open	15.5	262
12/21/2025	2:30:00	7.1	2.903	24.6	919,399	Open	16	264
12/21/2025	2:45:00	7.1	2.990	23.2	919,443	Open	16.5	264
12/21/2025	3:00:00	7.2	2.873	5.3	919,487	Open	17	264
12/21/2025	3:15:00	7.1	2.850	18.9	919,529	Open	17.3	266
12/21/2025	3:30:00	7	2.846	16.7	919,563	Open	17.7	264
12/21/2025	3:45:00	7	2.865	9	919,604	Open	18	264
12/21/2025	4:00:00	7	3.036	25.5	919,633	Open	18.2	264
12/21/2025	4:15:00	6.9	2.903	10.7	919,677	Open	18.4	262
12/21/2025	4:30:00	7	2.877	19.8	919,721	Open	18.4	262
12/21/2025	4:45:00	7	2.835	11.3	919,755	Open	18.4	262
12/21/2025	5:00:00	6.9	3.350	10	919,803	Open	18.4	265
12/21/2025	5:15:00	6.9	3.164	8.4	919,852	Open	18.5	266
12/21/2025	5:30:00	6.9	3.126	15.3	919,899	Open	18.7	265
12/21/2025	5:45:00	7	3.130	23	919,947	Open	18.9	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	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/21/2025	6:00:00	7	3.297	26.2	919,991	Open	19.1	265
12/21/2025	6:15:00	7	3.153	26.9	920,037	Open	19.2	266
12/21/2025	6:30:00	7	3.123	32	920,084	Open	19.3	266
12/21/2025	6:45:00	6.9	3.123	21.6	920,131	Open	11.9	261
12/21/2025	7:00:00	7	2.824	48.6	920,175	Closed	11.9	262
12/21/2025	7:15:00	6.9	3.195	36.5	920,196	Open	12	263
12/21/2025	7:30:00	6.9	3.213	15.6	920,226	Open	11.9	260
12/21/2025	7:45:00	7.2	2.790	12.9	920,268	Closed	12.2	263
12/21/2025	8:00:00	7.1	3.191	13	920,312	Open	12.8	263
12/21/2025	8:15:00	7.1	3.887	19.7	920,359	Closed	13.4	264
12/21/2025	8:30:00	6.9	2.790	14.2	920,380	Open	14.4	263
12/21/2025	8:45:00	6.9	3.054	18.8	920,418	Open	12.6	255
12/21/2025	9:00:00	6.9	2.994	20.3	920,462	Closed	11.9	261
12/21/2025	9:15:00	6.9	3.202	8.8	920,478	Open	11.9	261
12/21/2025	9:30:00	6.9	3.160	25.9	920,525	Closed	11.8	259
12/21/2025	9:45:00	7	2.275	22	920,544	Open	12.1	262
12/21/2025	10:00:00	7	2.502	21.5	920,550	Closed	13	261
12/21/2025	10:15:00	7	3.123	1.1	920,593	Open	15.1	114
12/21/2025	10:30:00	6.9	3.255	5.8	920,638	Open	12.9	113
12/21/2025	10:45:00	6.9	3.089	12.7	920,685	Open	13.4	114
12/21/2025	11:00:00	6.9	2.506	37.1	920,727	Open	11.6	253
12/21/2025	11:15:00	6.9	3.164	9.8	920,771	Open	12.1	259
12/21/2025	11:30:00	7	3.138	10.3	920,819	Open	11.6	112
12/21/2025	11:45:00	6.9	3.255	13.3	920,866	Open	11.7	114
12/21/2025	12:00:00	7	3.134	11.1	920,910	Open	11.7	261

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
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Data Date Range	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/21/2025	12:15:00	7.1	0.424	110.3	920,937	Open	12.2	259
12/21/2025	12:30:00	7	3.206	13.2	920,963	Open	12.4	261
12/21/2025	12:45:00	7	3.005	20.8	921,007	Open	11.9	258
12/21/2025	13:00:00	7.1	3.327	11.7	921,050	Open	12.1	257
12/21/2025	13:15:00	7	3.145	4.7	921,099	Open	11.9	258
12/21/2025	13:30:00	7.1	2.816	29.6	921,140	Closed	13	259
12/21/2025	13:45:00	7	3.104	27.2	921,145	Open	14.9	259
12/21/2025	14:00:00	7.1	3.369	20.5	921,192	Open	16.4	259
12/21/2025	14:15:00	7	3.054	13.8	921,215	Open	12.6	256
12/21/2025	14:30:00	7.1	3.111	4.5	921,263	Open	12.3	259
12/21/2025	14:45:00	7	3.077	10.7	921,309	Open	12	261
12/21/2025	15:00:00	7	3.372	27.5	921,355	Open	11.8	258
12/21/2025	15:15:00	7	2.415	8.2	921,386	Open	12.8	261
12/21/2025	15:30:00	7	3.115	23.7	921,433	Open	11.9	259
12/21/2025	15:45:00	6.9	3.236	11.1	921,481	Open	11.9	112
12/21/2025	16:00:00	6.9	3.380	17.8	921,530	Open	13.8	262
12/21/2025	16:15:00	6.9	3.039	13	921,564	Open	12.6	260
12/21/2025	16:30:00	6.9	3.043	13.5	921,609	Open	13.2	262
12/21/2025	16:45:00	6.9	2.154	12.2	921,653	Open	14.2	263
12/21/2025	17:00:00	6.9	2.937	41.6	921,696	Open	14.9	263
12/21/2025	17:15:00	7	2.914	74.4	921,739	Open	15.9	264
12/21/2025	17:30:00	7	3.486	10.7	921,789	Open	11.8	255
12/21/2025	17:45:00	7	3.312	6.2	921,840	Open	11.9	261
12/21/2025	18:00:00	7	3.274	13.6	921,889	Open	13.1	264
12/21/2025	18:15:00	7	3.372	30	921,940	Open	14.7	111

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
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Data Date Range	**December 15 ,2025 to December 21, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 31, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/21/2025	18:30:00	7.1	2.430	19.3	921,978	Open	14.4	261
12/21/2025	18:45:00	7.1	2.945	50.6	922,023	Open	12.4	256
12/21/2025	19:00:00	7.3	0.500	1.3	922,049	Open	12.9	260
12/21/2025	19:15:00	7.3	3.104	1.1	922,094	Open	13.8	262
12/21/2025	19:30:00	7.3	3.066	1.3	922,140	Open	14.7	262
12/21/2025	19:45:00	7.2	0.984	1.3	922,185	Open	15.6	261
12/21/2025	20:00:00	7.1	3.210	17.5	922,209	Open	16.3	261
12/21/2025	20:15:00	7	3.058	15.8	922,255	Open	16.8	261
12/21/2025	20:30:00	6.9	3.043	16.1	922,301	Open	17.4	261
12/21/2025	20:45:00	6.9	3.100	13.8	922,344	Open	17.9	262
12/21/2025	21:00:00	7.1	3.153	1.6	922,388	Open	18.3	264
12/21/2025	21:15:00	7.1	0.454	3.5	922,416	Open	18.7	264
12/21/2025	21:30:00	7	3.153	15.6	922,457	Open	12.1	257
12/21/2025	21:45:00	7	3.104	12.6	922,504	Open	12.2	259
12/21/2025	22:00:00	7.2	3.070	2.4	922,550	Open	12.9	261
12/21/2025	22:15:00	7.1	3.195	24.6	922,574	Open	13.7	260
12/21/2025	22:30:00	7.1	2.771	12.5	922,618	Open	12.7	259
12/21/2025	22:45:00	7.1	2.740	7.7	922,659	Open	13.4	260
12/21/2025	23:00:00	7.1	2.702	18.7	922,700	Open	13.8	258
12/21/2025	23:15:00	7.1	0.295	14.3	922,735	Open	14.4	262
12/21/2025	23:30:00	7	2.854	25.7	922,757	Open	12.4	260
12/21/2025	23:45:00	7	2.233	13.5	922,799	Open	13.2	260

Appendix B: Photo

Photo 1: No visible sheen observed in the WTP water, December 15

Photo 2: No visible sheen observed in the WTP water, December 16

Photo 3: No visible sheen observed in the WTP water, December 17

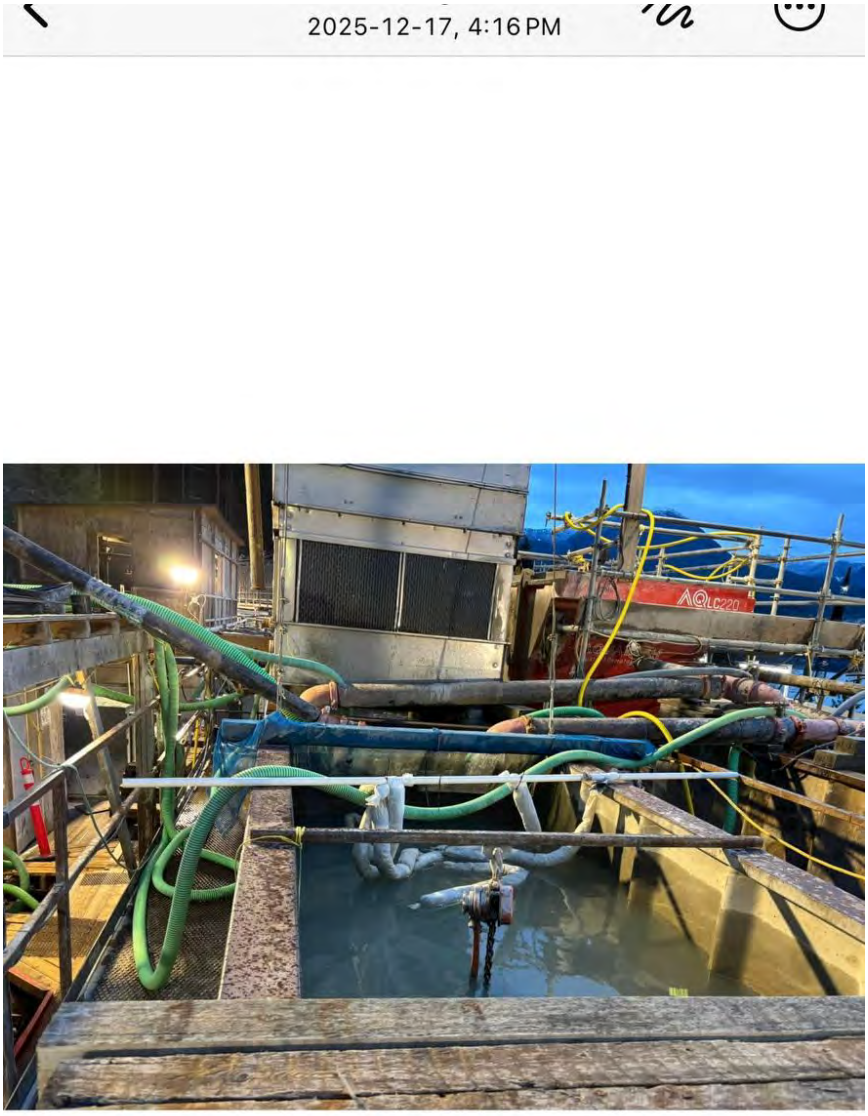
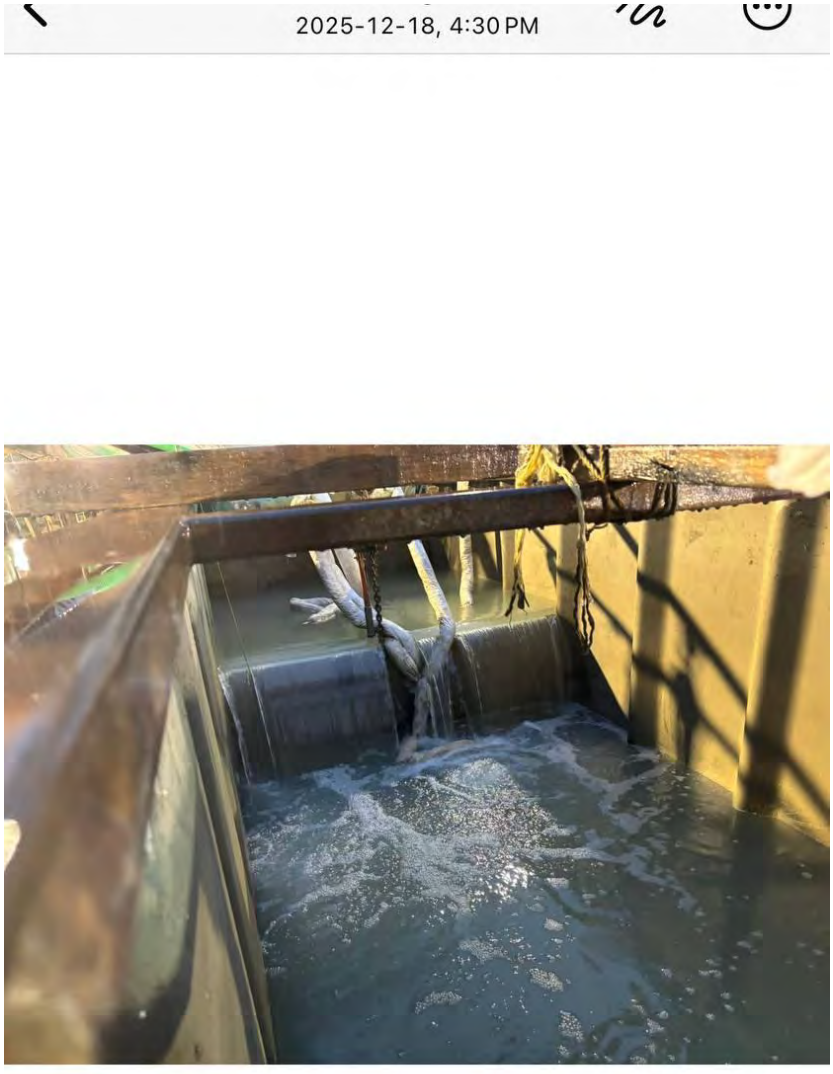


Photo 4: No visible sheen observed in the WTP water, December 18



Water Quality Field Data Sheet

Project: FORTIS11234

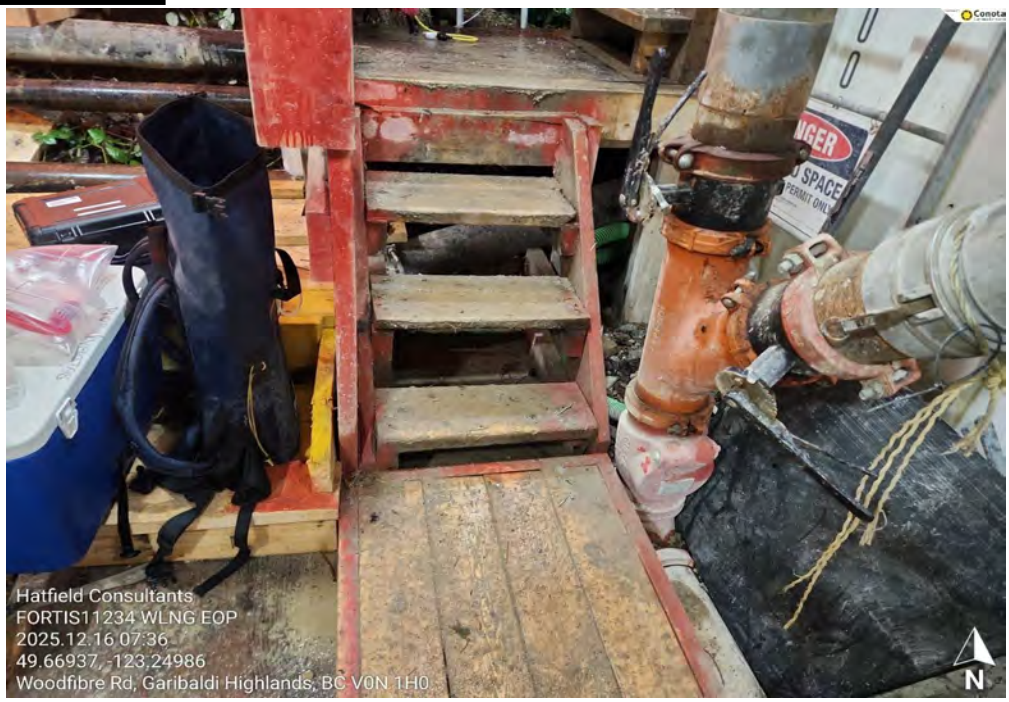
Location Information

Site ID:	WLNG EOP	**Date:**	December 16, 2025
Site Name:	East Creek	**Time:**	8:04
Crew:	JM		
Weather:	Rain		

In Situ Parameters

pH:	6.68		DO:	10	(mg/L)
Temp.:	10.2	(°C)	Cond:	182.7	(us)
Turbidity:	6.13	NTU	Salinity:	0.09	(ppt)
Visible Sheen:	No		ORP:	-27.2	(mV)
Water Surface Condition:	Clear				

Photo Record



Observations

Appendix D: Woodfibre Site Receiving Environment Documentation

Woodfibre Site Receiving Environment Sample Analysis

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	**WLNG US 2025-12-09 08:40:00**	**WLNG DS 2025-12-09 08:20:00**
In situ Parameters									
Field pH	pH Units		6.5 - 9			7 - 8.7		**6.86**	**6.97**
Field Temperature	°C	18	19					7.9	8.4
General Parameters									
pH	pH Units							6.56	6.54
Alkalinity (Total as $CaCO_3$)	mg/L							4.9	6.8
Alkalinity (PP as $CaCO_3$)	mg/L							<1	<1
Hardness ($CaCO_3$)-Total	mg/L							6.31	10.2
Hardness ($CaCO_3$)-Dissolved	mg/L							6.64	10.2
Sulphide-Total	mg/L							<0.0018	<0.0018
Sulphide (as H_2S)	mg/L			0.002				<0.002	<0.002
Anions and Nutrients									
Ammonia (N)-Total	mg/L	1.86	20.7		29	191		<0.015	<0.015
Bicarbonate (HCO_3)	mg/L							5.9	8.3
Carbonate (CO_3)	mg/L							<1	<1
Hydroxide (OH)	mg/L							<1	<1
Nitrate (N)	mg/L	3	32.8		3.7			0.036	<0.02
Nitrite (N)	mg/L	0.02	0.06					<0.005	0.0077
Nitrate plus Nitrite (N)	mg/L							0.036	<0.02
Nitrogen (N)-Total	mg/L							0.157	0.109
Phosphorus (P)-Total (4500-P)	mg/L							0.31	0.14
Bromide (Br)	mg/L							<0.01	<0.01
Chloride (Cl)	mg/L	150	600					<1	<1
Fluoride (F)	mg/L		0.4			1.5		<0.05	<0.05
Sulphate (SO_4)-Dissolved	mg/L	128						<1	<1

[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. 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 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.

[4] **Bold and shaded text** outlines a reportable exceedance given that it exceeds the applicable BC water quality guideline (i.e., the short-term acute freshwater aquatic life guideline), consistent with recommendations outlined in Hatfield (2024).

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	**WLNG US 2025-12-09 08:40:00**	**WLNG DS 2025-12-09 08:20:00**
Total Metals									
Aluminum (Al)-Total	mg/L	0.061879						**0.218**	**0.199**
Antimony (Sb)-Total	mg/L	0.074	0.25					0.000053	0.000051
Arsenic (As)-Total	mg/L	0.005			0.0125			0.000526	0.00041
Barium (Ba)-Total	mg/L			1				0.00295	0.00337
Beryllium (Be)-Total	mg/L			0.00013			0.1	<0.00001	<0.00001
Bismuth (Bi)-Total	mg/L							<0.00001	<0.00001
Boron (B)-Total	mg/L	1.2			1.2			<0.01	<0.01
Cadmium (Cd)-Total	mg/L						0.00012	0.000011	0.000011
Calcium (Ca)-Total	mg/L							1.92	3.5
Cesium (Cs)-Total	mg/L							<0.00005	<0.00005
Chromium (Cr)-Total	mg/L							0.00011	0.0002
Chromium (Cr III)-Total	mg/L			0.0089			0.056	<0.00099	<0.00099
Chromium (Cr VI)-Total	mg/L			0.0025			0.0015	<0.00099	<0.00099
Cobalt (Co)-Total	mg/L	0.000389						0.000087	0.000066
Copper (Cu)-Total	mg/L				0.002	0.003		**0.00208**	0.0013
Iron (Fe)-Total	mg/L		1					0.12	0.0832
Lead (Pb)-Total	mg/L				0.002	0.14		0.000106	0.000124
Lithium (Li)-Total	mg/L							<0.0005	<0.0005
Magnesium (Mg)-Total	mg/L							0.37	0.35
Manganese (Mn)-Total	mg/L	0.633	0.61				0.1	0.00488	0.0063
Mercury (Hg)-Total	mg/L	0.00002			0.00002			0.000004	0.0000033
Molybdenum (Mo)-Total	mg/L	7.6	46					0.000469	0.00328
Nickel (Ni)-Total	mg/L						0.0083	0.00044	0.00035
Phosphorus (P)-Total (ICPMS)	mg/L							0.235	0.116
Potassium (K)-Total	mg/L							0.3	0.31
Rubidium (Rb)-Total	mg/L							0.000366	0.000489
Selenium (Se)-Total	mg/L	0.002			0.002			<0.00004	<0.00004
Silicon (Si)-Total	mg/L							2.64	3.06
Silver (Ag)-Total	mg/L	0.00012			0.0005	0.0037	0.0005	<0.00001	<0.00001
Sodium (Na)-Total	mg/L							0.92	1.36
Strontium (Sr)-Total	mg/L							0.0072	0.0105
Sulphur (S)-Total	mg/L							<3	<3
Tellurium (Te)-Total	mg/L							<0.00002	<0.00002
Thallium (Tl)-Total	mg/L			0.00003				0.000003	0.000004
Thorium (Th)-Total	mg/L							<0.00005	<0.00005
Tin (Sn)-Total	mg/L							<0.0002	<0.0002
Titanium (Ti)-Total	mg/L							0.0049	0.0029
Uranium (U)-Total	mg/L		0.0165	0.0075				0.000204	0.000258
Vanadium (V)-Total	mg/L			0.06			0.005	0.00027	<0.0002
Zinc (Zn)-Total	mg/L				0.01	0.055		0.0024	0.0025
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. 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 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.

[4] **Bold and shaded text** outlines a reportable exceedance given that it exceeds the applicable BC water quality guideline (i.e., the short-term acute freshwater aquatic life guideline), consistent with recommendations outlined in Hatfield (2024).

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	**WLNG US 2025-12-09 08:40:00**	**WLNG DS 2025-12-09 08:20:00**
Dissolved Metals									
Aluminum (Al)-Dissolved	mg/L							0.0883	0.0856
Antimony (Sb)-Dissolved	mg/L							0.000056	0.000049
Arsenic (As)-Dissolved	mg/L							0.000566	0.00039
Barium (Ba)-Dissolved	mg/L							0.00214	0.00272
Beryllium (Be)-Dissolved	mg/L							<0.00001	<0.00001
Bismuth (Bi)-Dissolved	mg/L							0.000006	<0.000005
Boron (B)-Dissolved	mg/L							<0.01	<0.01
Cadmium (Cd)-Dissolved	mg/L	0.000028	0.000038					0.000009	0.000007
Calcium (Ca)-Dissolved	mg/L							2.06	3.56
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						0.000056	0.000041
Copper (Cu)-Dissolved	mg/L	0.00025	0.00163					**0.00182**	**0.00106**
Iron (Fe)-Dissolved	mg/L		0.35					0.0222	0.0172
Lead (Pb)-Dissolved	mg/L	0.00205						0.00002	0.000016
Lithium (Li)-Dissolved	mg/L							<0.0005	<0.0005
Manganese (Mn)-Dissolved	mg/L							0.0017	0.00352
Magnesium (Mg)-Dissolved	mg/L							0.363	0.309
Mercury (Hg)-Dissolved	mg/L							0.000003	0.0000026
Molybdenum (Mo)-Dissolved	mg/L							0.000491	0.00337
Nickel (Ni)-Dissolved	mg/L	0.0007	0.0113					0.000459	0.000322
Phosphorus (P)-Dissolved	mg/L							0.253	0.105
Potassium (K)-Dissolved	mg/L							0.313	0.288
Rubidium (Rb)-Dissolved	mg/L							0.000302	0.000452
Selenium (Se)-Dissolved	mg/L							<0.00004	<0.00004
Silicon (Si)-Dissolved	mg/L							2.73	2.99
Silver (Ag)-Dissolved	mg/L							0.000006	<0.000005
Sodium (Na)-Dissolved	mg/L							0.938	1.25
Strontium (Sr)-Dissolved	mg/L			1.25				0.0079	0.0104
Sulphur (S)-Dissolved	mg/L							<3	<3
Tellurium (Te)-Dissolved	mg/L							<0.00002	<0.00002
Thallium (Tl)-Dissolved	mg/L							<0.000002	0.000003
Thorium (Th)-Dissolved	mg/L							0.000012	0.000012
Tin (Sn)-Dissolved	mg/L							<0.0002	<0.0002
Titanium (Ti)-Dissolved	mg/L							<0.0005	<0.0005
Uranium (U)-Dissolved	mg/L							0.00017	0.000179
Vanadium (V)-Dissolved	mg/L							0.00023	<0.0002
Zinc (Zn)-Dissolved	mg/L	0.005039	0.009474					0.00247	0.00155
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.

[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. 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 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.

[4] **Bold and shaded text** outlines a reportable exceedance given that it exceeds the applicable BC water quality guideline (i.e., the short-term acute freshwater aquatic life guideline), consistent with recommendations outlined in Hatfield (2024).

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	**WLNG US 2025-12-09 08:40:00**	**WLNG DS 2025-12-09 08:20:00**
Inorganics									
Organic Carbon (C)-Total	mg/L							3.4	2.9
Organic Carbon (C)-Dissolved	mg/L							3.1	2.6
Solids-Total Dissolved	mg/L							16	16
Solids-Total Suspended	mg/L	8.2	28.2					3.2	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. 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 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.

[4] **Bold and shaded text** outlines a reportable exceedance given that it exceeds the applicable BC water quality guideline (i.e., the short-term acute freshwater aquatic life guideline), consistent with recommendations outlined in Hatfield (2024).

Woodfibre Site Receiving Environment Field Notes and Logs

Woodfibre LNG (East Creek)								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
EAS-DS	2025-12-15 00:00:00	8.893	26.246	0.431	6.838	11.159	15.366	0.011
EAS-DS	2025-12-15 01:00:00	8.951	25.800	0.426	6.894	11.126	16.516	0.011
EAS-DS	2025-12-15 02:00:00	8.990	24.844	0.420	6.901	11.088	25.760	0.010
EAS-DS	2025-12-15 03:00:00	9.033	24.112	0.427	6.854	11.072	30.331	0.010
EAS-DS	2025-12-15 04:00:00	9.088	22.707	0.422	6.861	11.059	61.236	0.009
EAS-DS	2025-12-15 05:00:00	9.135	22.216	0.429	6.793	11.030	201.423	0.009
EAS-DS	2025-12-15 06:00:00	9.132	19.719	0.436	6.653	11.030	66.486	0.008
EAS-DS	2025-12-15 07:00:00	9.092	14.784	0.445	6.513	11.048	62.021	0.006
EAS-DS	2025-12-15 08:00:00	9.130	12.794	0.448	6.496	11.019	42.518	0.005
EAS-DS	2025-12-15 09:00:00	9.266	20.126	0.449	6.678	10.985	21.670	0.008
EAS-DS	2025-12-15 10:00:00	9.357	20.019	0.446	6.757	10.980	93.794	0.008
EAS-DS	2025-12-15 11:00:00	9.287	14.239	0.455	6.479	10.989	42.726	0.005
EAS-DS	2025-12-15 12:00:00	9.397	0.078	0.449	6.648	10.865	18.566	0.000
EAS-DS	2025-12-15 13:00:00	9.395	0.078	0.428	6.453	10.895	105.248	0.000
EAS-DS	2025-12-15 14:00:00	9.573	0.078	0.427	6.988	10.849	255.444	0.000
EAS-DS	2025-12-15 15:00:00	9.487	0.078	0.422	6.760	10.905	87.880	0.000
EAS-DS	2025-12-15 16:00:00	9.340	0.078	0.438	6.821	10.970	54.297	0.000
EAS-DS	2025-12-15 17:00:00	9.124	0.079	0.445	6.785	11.037	1595.703	0.000
EAS-DS	2025-12-15 18:00:00	8.979	2.407	0.443	6.761	11.085	5.593	0.000
EAS-DS	2025-12-15 19:00:00	8.845	1.854	0.417	6.646	11.154		0.000
EAS-DS	2025-12-15 20:00:00	8.801	1.707	0.415	6.880	11.156	12645.813	0.000
EAS-DS	2025-12-15 21:00:00	8.731	0.080	0.402	6.908	11.187	0.000	0.000
EAS-DS	2025-12-15 22:00:00	8.634	5.596	0.417	6.871	11.236	1.366	0.001
EAS-DS	2025-12-15 23:00:00	8.572	1.541	0.421	6.915	11.246	1.513	0.000
EAS-DS	2025-12-16 00:00:00	8.559	22.407	0.417	6.947	11.255	15162.617	0.009
EAS-DS	2025-12-16 01:00:00	8.516	1.722	0.392	6.969	11.272	0.000	0.000
EAS-DS	2025-12-16 02:00:00	8.477	1.844	0.401	6.943	11.284	0.000	0.000
EAS-DS	2025-12-16 03:00:00	8.457	2.235	0.399	6.966	11.303	1920.962	0.000
EAS-DS	2025-12-16 04:00:00	8.417	3.663	0.437	7.004	11.307	788.335	0.001
EAS-DS	2025-12-16 05:00:00	8.291	10.437	0.407	6.912	11.320	2.802	0.004
EAS-DS	2025-12-16 06:00:00	8.080	1.537	0.415	6.817	11.368	0.000	0.000
EAS-DS	2025-12-16 07:00:00	8.340	0.873	0.425	7.029	11.297		0.000
EAS-DS	2025-12-16 08:00:00	8.311	11.678	0.408	6.992	11.286	0.631	0.004
EAS-DS	2025-12-16 09:00:00	8.308	27.089	0.424	6.982	11.339	5.798	0.011
EAS-DS	2025-12-16 10:00:00	8.246	21.050	0.419	7.111	11.340	20.318	0.008
EAS-DS	2025-12-16 11:00:00	8.449	30.458	0.424	7.054	11.311	5.680	0.013
EAS-DS	2025-12-16 12:00:00	8.502	27.658	0.424	7.153	11.266	1.501	0.012
EAS-DS	2025-12-16 13:00:00	8.526	28.396	0.430	7.027	11.247	5.015	0.012
EAS-DS	2025-12-16 14:00:00	8.300	13.712	0.428	6.775	11.268	0.000	0.005
EAS-DS	2025-12-16 15:00:00	8.453	26.136	0.429	7.017	11.219	11.326	0.011
EAS-DS	2025-12-16 16:00:00		13.851	0.435	6.701	11.230	18.126	0.005
EAS-DS	2025-12-16 17:00:00	8.511	33.791	0.426	7.142	11.150	3.904	0.014
EAS-DS	2025-12-16 18:00:00		33.509	0.425	7.182	11.152	6.770	0.014
EAS-DS	2025-12-16 19:00:00	8.517	32.640	0.425	7.147	11.126	2.926	0.014
EAS-DS	2025-12-16 20:00:00	8.438	21.652	0.425	7.093	11.109	3.310	0.009
EAS-DS	2025-12-16 21:00:00	8.595	28.956	0.432	7.011	11.078	7.734	0.012
EAS-DS	2025-12-16 22:00:00	8.606	28.999	0.428	7.095	11.064	25.164	0.012
EAS-DS	2025-12-16 23:00:00	8.655	30.910	0.426	7.063	11.042	19.281	0.013
EAS-DS	2025-12-17 00:00:00	8.479	17.390	0.419	6.961	11.030	1.981	0.007
EAS-DS	2025-12-17 01:00:00	8.655	30.087	0.422	7.046	11.074	49.197	0.013
EAS-DS	2025-12-17 02:00:00	8.537	30.428	0.417	7.025	11.086	14.309	0.013

Woodfibre LNG (East Creek)								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
EAS-DS	2025-12-17 03:00:00	8.250	16.939	0.416	6.945	11.126	0.931	0.006
EAS-DS	2025-12-17 04:00:00	8.386	30.472	0.418	7.184	11.160	3.624	0.013
EAS-DS	2025-12-17 05:00:00	8.250	31.306	0.421	7.031	11.249	56.374	0.013
EAS-DS	2025-12-17 06:00:00	7.889	16.076	0.407	7.055	11.311	0.000	0.006
EAS-DS	2025-12-17 07:00:00	8.037	33.221	0.417	7.052	11.352	16.189	0.014
EAS-DS	2025-12-17 08:00:00	7.898	29.511	0.409	7.135	11.424	10.626	0.012
EAS-DS	2025-12-17 09:00:00	7.949	35.403	0.417	7.057	11.400	12.533	0.015
EAS-DS	2025-12-17 10:00:00	7.571	16.298	0.417	6.843	11.487	0.203	0.006
EAS-DS	2025-12-17 11:00:00	8.096	36.460	0.413	7.087	11.400	24.167	0.016
EAS-DS	2025-12-17 12:00:00	8.249	36.487	0.401	7.292	11.363	8.566	0.016
EAS-DS	2025-12-17 13:00:00	8.403	37.815	0.412	7.080	11.324	8.684	0.016
EAS-DS	2025-12-17 14:00:00	8.093	26.345	0.408	7.019	11.425	4.536	0.011
EAS-DS	2025-12-17 15:00:00	8.265	38.232	0.403	7.204	11.349	3.926	0.017
EAS-DS	2025-12-17 16:00:00	8.096	31.578	0.406	7.189	11.383	26.993	0.013
EAS-DS	2025-12-17 17:00:00	8.232	41.744	0.407	7.235	11.386	14.771	0.018
EAS-DS	2025-12-17 18:00:00	8.213	40.126	0.394	7.331	11.392	18.575	0.017
EAS-DS	2025-12-17 19:00:00	8.140	40.536	0.414	7.106	11.415	9.578	0.018
EAS-DS	2025-12-17 20:00:00	8.112	41.246	0.398	7.295	11.400	3.056	0.018
EAS-DS	2025-12-17 21:00:00	7.506	15.140	0.410	6.831	11.517	340.212	0.006
EAS-DS	2025-12-17 22:00:00	8.056	43.146	0.399	7.371	11.421	6.414	0.019
EAS-DS	2025-12-17 23:00:00	7.923	32.171	0.400	7.312	11.393	22.737	0.014
EAS-DS	2025-12-18 00:00:00	8.058	43.105	0.406	7.240	11.400	9.693	0.019
EAS-DS	2025-12-18 01:00:00	8.006	42.112	0.401	7.291	11.368	7.990	0.018
EAS-DS	2025-12-18 02:00:00	7.958	43.856	0.401	7.331	11.410	29.709	0.019
EAS-DS	2025-12-18 03:00:00	7.910	43.885	0.400	7.282	11.391	4.786	0.019
EAS-DS	2025-12-18 04:00:00	7.877	43.155	0.395	7.406	11.397	5.689	0.019
EAS-DS	2025-12-18 05:00:00	7.871	39.729	0.405	7.228	11.401	17.201	0.017
EAS-DS	2025-12-18 06:00:00	7.885	36.661	0.401	7.316	11.378	3.564	0.016
EAS-DS	2025-12-18 07:00:00	7.892	36.144	0.408	7.202	11.377	2.883	0.016
EAS-DS	2025-12-18 08:00:00	7.801	30.433	0.409	7.112	11.404	9.955	0.013
EAS-DS	2025-12-18 09:00:00	7.727	29.349	0.413	7.154	11.383	7.600	0.012
EAS-DS	2025-12-18 10:00:00	7.571	18.116	0.418	6.837	11.415	2.557	0.007
EAS-DS	2025-12-18 11:00:00	7.792	28.106	0.413	7.082	11.352	2.323	0.012
EAS-DS	2025-12-18 12:00:00	7.735	27.779	0.414	7.103	11.335	3.059	0.012
EAS-DS	2025-12-18 13:00:00	7.705	28.212	0.417	7.039	11.311	0.320	0.012
EAS-DS	2025-12-18 14:00:00	7.632	28.756	0.412	7.149	11.336	7.485	0.012
EAS-DS	2025-12-18 15:00:00	7.357	18.385	0.414	7.067	11.342	3.080	0.007
EAS-DS	2025-12-18 16:00:00	7.575	29.235	0.422	7.174	11.288	10.394	0.012
EAS-DS	2025-12-18 17:00:00	7.563	28.452	0.425	7.197	11.287	20.225	0.012
EAS-DS	2025-12-18 18:00:00	7.671	27.616	0.426	7.168	11.244	7.331	0.011
EAS-DS	2025-12-18 19:00:00	7.906	28.249	0.429	7.134	11.190	14.335	0.012
EAS-DS	2025-12-18 20:00:00	7.818	26.575	0.431	7.122	11.224	5.519	0.011
EAS-DS	2025-12-18 21:00:00	7.807	29.518	0.433	7.178	11.240	7.532	0.012
EAS-DS	2025-12-18 22:00:00	7.682	30.302	0.437	7.100	11.294	0.550	0.013
EAS-DS	2025-12-18 23:00:00	7.653	30.226	0.435	7.165	11.318	7.925	0.013
EAS-DS	2025-12-19 00:00:00	7.599	31.203	0.435	7.204	11.334	3.428	0.013
EAS-DS	2025-12-19 01:00:00	7.535	33.448	0.436	7.276	11.378	1.602	0.014
EAS-DS	2025-12-19 02:00:00	7.423	33.238	0.435	7.258	11.415	7.961	0.014
EAS-DS	2025-12-19 03:00:00	7.316	34.452	0.439	7.223	11.464	3.143	0.015
EAS-DS	2025-12-19 04:00:00	7.308	35.166	0.446	7.152	11.464	0.501	0.015
EAS-DS	2025-12-19 05:00:00	7.287	36.241	0.442	7.256	11.461	5.622	0.016

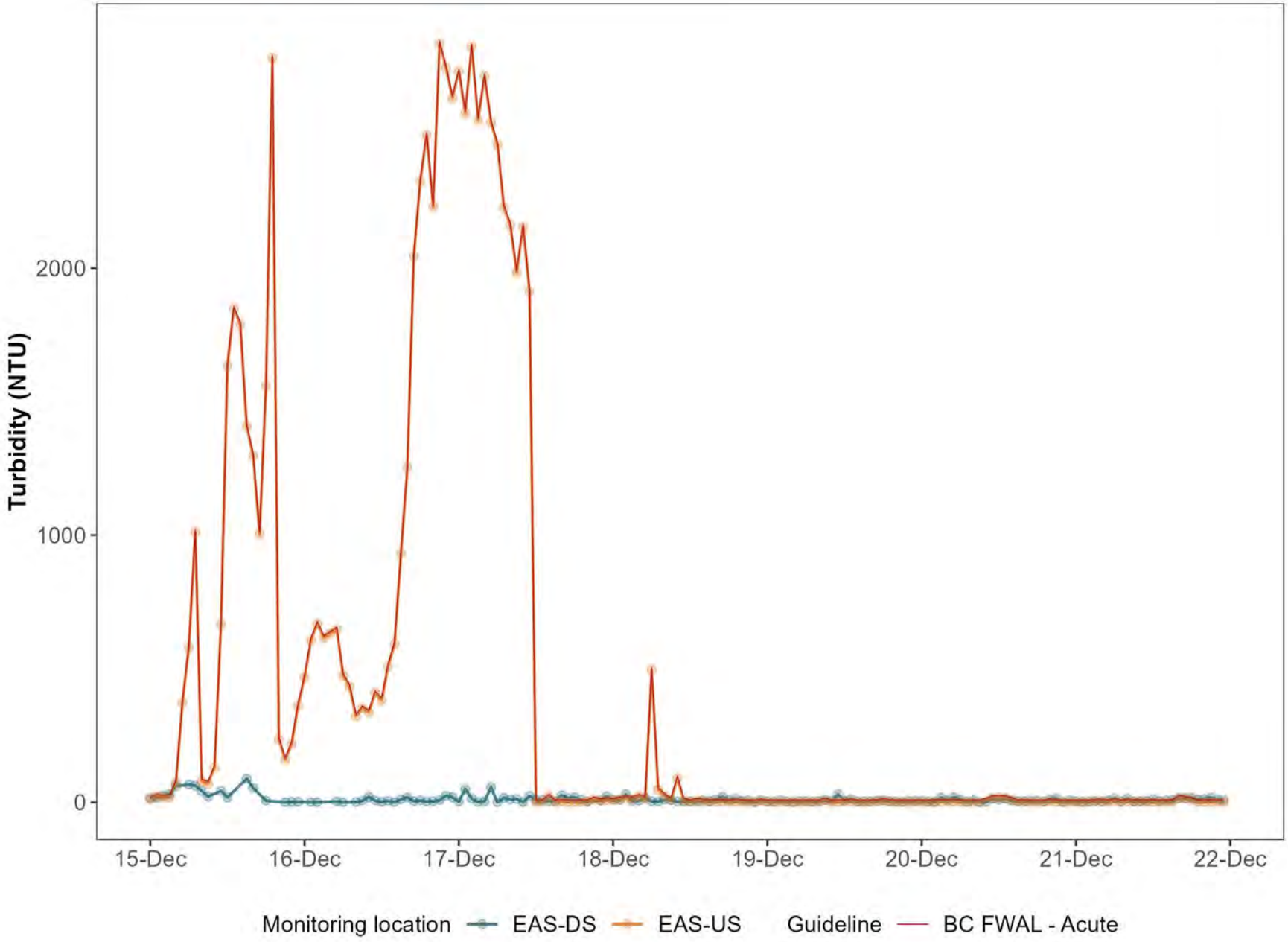
Woodfibre LNG (East Creek)								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
EAS-DS	2025-12-19 06:00:00	7.309	37.302	0.435	7.252	11.474	4.188	0.016
EAS-DS	2025-12-19 07:00:00	7.331	38.332	0.433	7.307	11.466	1.732	0.017
EAS-DS	2025-12-19 08:00:00	7.202	34.332	0.442	7.045	11.511	5.199	0.015
EAS-DS	2025-12-19 09:00:00	7.139	32.830	0.434	7.191	11.545	6.887	0.014
EAS-DS	2025-12-19 10:00:00	7.351	42.068	0.439	7.209	11.495	6.285	0.018
EAS-DS	2025-12-19 11:00:00	7.391	40.687	0.435	7.304	11.474	29.255	0.018
EAS-DS	2025-12-19 12:00:00	7.240	31.720	0.439	7.171	11.522	4.944	0.013
EAS-DS	2025-12-19 13:00:00	7.243	38.474	0.436	7.014	11.562	12.370	0.017
EAS-DS	2025-12-19 14:00:00	7.538	44.300	0.441	7.314	11.432	2.823	0.019
EAS-DS	2025-12-19 15:00:00	7.120	27.017	0.442	7.119	11.548	3.521	0.011
EAS-DS	2025-12-19 16:00:00	7.311	41.995	0.445	7.117	11.555	2.835	0.018
EAS-DS	2025-12-19 17:00:00	7.398	47.209	0.438	7.385	11.489	5.969	0.021
EAS-DS	2025-12-19 18:00:00	7.260	42.966	0.435	7.346	11.502	6.470	0.019
EAS-DS	2025-12-19 19:00:00	6.982	27.316	0.438	7.183	11.523	4.012	0.011
EAS-DS	2025-12-19 20:00:00	7.380	47.896	0.435	7.373	11.511	2.751	0.021
EAS-DS	2025-12-19 21:00:00	7.379	47.017	0.433	7.404	11.510	1.119	0.021
EAS-DS	2025-12-19 22:00:00	7.377	48.577	0.431	7.410	11.530	4.923	0.021
EAS-DS	2025-12-19 23:00:00	7.409	48.753	0.434	7.394	11.504	5.074	0.022
EAS-DS	2025-12-20 00:00:00	7.358	48.540	0.438	7.366	11.531	5.969	0.021
EAS-DS	2025-12-20 01:00:00	7.339	50.604	0.434	7.443	11.522	2.949	0.022
EAS-DS	2025-12-20 02:00:00	6.725	23.951	0.434	7.163	11.686	0.058	0.010
EAS-DS	2025-12-20 03:00:00	6.755	25.609	0.440	7.225	11.630	17.394	0.011
EAS-DS	2025-12-20 04:00:00	7.254	49.693	0.437	7.252	11.579	6.733	0.022
EAS-DS	2025-12-20 05:00:00	7.235	45.475	0.440	7.371	11.530	18.525	0.020
EAS-DS	2025-12-20 06:00:00	7.187	50.434	0.439	7.392	11.580	10.972	0.022
EAS-DS	2025-12-20 07:00:00	6.739	24.645	0.438	7.132	11.718	1.615	0.010
EAS-DS	2025-12-20 08:00:00	7.400	50.223	0.429	7.384	11.517	9.105	0.022
EAS-DS	2025-12-20 09:00:00	7.428	50.002	0.425	7.409	11.512	0.359	0.022
EAS-DS	2025-12-20 10:00:00	7.357	49.699	0.424	7.412	11.517	0.352	0.022
EAS-DS	2025-12-20 11:00:00	7.139	51.958	0.424	7.445	11.587	12.717	0.023
EAS-DS	2025-12-20 12:00:00	7.133	52.374	0.427	7.464	11.578	9.096	0.023
EAS-DS	2025-12-20 13:00:00	6.979	44.001	0.432	7.391	11.630	13.827	0.019
EAS-DS	2025-12-20 14:00:00	6.589	24.443	0.433	7.202	11.748	4.950	0.010
EAS-DS	2025-12-20 15:00:00	7.199	38.077	0.436	7.328	11.563	4.348	0.016
EAS-DS	2025-12-20 16:00:00	7.306	39.815	0.437	7.303	11.541	3.887	0.017
EAS-DS	2025-12-20 17:00:00	7.313	37.073	0.442	7.201	11.522	5.554	0.016
EAS-DS	2025-12-20 18:00:00	7.387	39.373	0.440	7.280	11.522	5.635	0.017
EAS-DS	2025-12-20 19:00:00	7.334	37.641	0.443	7.280	11.496	2.715	0.016
EAS-DS	2025-12-20 20:00:00	7.291	40.362	0.442	7.325	11.542	11.783	0.018
EAS-DS	2025-12-20 21:00:00	7.073	35.795	0.441	7.197	11.655	14.614	0.015
EAS-DS	2025-12-20 22:00:00	6.926	20.551	0.440	7.163	11.622	0.608	0.008
EAS-DS	2025-12-20 23:00:00	6.950	19.860	0.442	7.079	11.625	7.406	0.008
EAS-DS	2025-12-21 00:00:00	7.451	39.446	0.441	7.329	11.475	4.412	0.017
EAS-DS	2025-12-21 01:00:00	7.353	34.880	0.443	7.300	11.456	1.683	0.015
EAS-DS	2025-12-21 02:00:00	7.364	39.766	0.443	7.262	11.487	2.345	0.017
EAS-DS	2025-12-21 03:00:00	7.417	40.711	0.443	7.301	11.465	4.874	0.018
EAS-DS	2025-12-21 04:00:00	6.969	24.284	0.443	7.237	11.569	1.286	0.010
EAS-DS	2025-12-21 05:00:00	7.443	46.856	0.444	7.352	11.421	6.594	0.021
EAS-DS	2025-12-21 06:00:00	7.326	43.982	0.442	7.350	11.457	15.258	0.019
EAS-DS	2025-12-21 07:00:00	7.363	44.019	0.445	7.325	11.451	2.684	0.019
EAS-DS	2025-12-21 08:00:00	7.351	42.287	0.444	7.315	11.434	14.303	0.018

Woodfibre LNG (East Creek)								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
EAS-DS	2025-12-21 09:00:00	7.325	42.131	0.445	7.333	11.442	2.408	0.018
EAS-DS	2025-12-21 10:00:00	6.774	19.211	0.444	7.069	11.610	3.159	0.008
EAS-DS	2025-12-21 11:00:00	7.473	40.360	0.446	7.280	11.404	4.475	0.018
EAS-DS	2025-12-21 12:00:00	7.598	39.956	0.443	7.313	11.345	12.866	0.017
EAS-DS	2025-12-21 13:00:00	7.648	38.521	0.444	7.310	11.357	4.206	0.017
EAS-DS	2025-12-21 14:00:00	7.739	40.340	0.445	7.314	11.305	7.162	0.018
EAS-DS	2025-12-21 15:00:00	7.744	42.387	0.446	7.308	11.288	8.881	0.019
EAS-DS	2025-12-21 16:00:00	7.737	45.762	0.443	7.359	11.307	14.001	0.020
EAS-DS	2025-12-21 17:00:00	7.558	46.795	0.445	7.368	11.366	16.016	0.021
EAS-DS	2025-12-21 18:00:00	7.586	48.749	0.442	7.434	11.352	16.144	0.022
EAS-DS	2025-12-21 19:00:00	7.151	24.330	0.442	7.216	11.494	10.453	0.010
EAS-DS	2025-12-21 20:00:00	7.600	42.010	0.441	7.261	11.378	13.312	0.018
EAS-DS	2025-12-21 21:00:00	7.529	37.341	0.446	7.277	11.393	17.308	0.016
EAS-DS	2025-12-21 22:00:00	7.667	42.074	0.443	7.348	11.362	11.728	0.018
EAS-DS	2025-12-21 23:00:00	7.581	40.509	0.445	7.317	11.387	7.239	0.018
EAS-US	2025-12-15 00:00:00	8.628	27.696	0.313	7.041	11.211	11.661	0.012
EAS-US	2025-12-15 01:00:00	8.690	28.334	0.322	6.955	11.186	22.637	0.012
EAS-US	2025-12-15 02:00:00	8.737	26.644	0.314	6.986	11.167	19.258	0.011
EAS-US	2025-12-15 03:00:00	8.787	25.886	0.320	7.037	11.152	19.035	0.011
EAS-US	2025-12-15 04:00:00	8.861	25.164	0.316	6.982	11.124	73.683	0.010
EAS-US	2025-12-15 05:00:00	8.985	28.732	0.280	6.991	11.101	371.574	0.012
EAS-US	2025-12-15 06:00:00	8.951	17.412	0.269	6.876	11.089	578.863	0.007
EAS-US	2025-12-15 07:00:00	8.972	21.558	0.272	6.978	11.083	1011.548	0.009
EAS-US	2025-12-15 08:00:00	8.988	19.267	0.273	6.988	11.076	78.430	0.008
EAS-US	2025-12-15 09:00:00	9.077	21.392	0.274	7.047	11.028	69.337	0.009
EAS-US	2025-12-15 10:00:00	9.215	24.248	0.275	7.105	11.016	130.139	0.010
EAS-US	2025-12-15 11:00:00	9.125	18.544	0.275	6.998	11.052	667.182	0.007
EAS-US	2025-12-15 12:00:00	9.154	15.326	0.280	6.905	10.979	1632.787	0.006
EAS-US	2025-12-15 13:00:00	9.218	15.713	0.283	6.875	10.984	1847.650	0.006
EAS-US	2025-12-15 14:00:00	9.316	17.133	0.276	7.128	10.963	1788.965	0.007
EAS-US	2025-12-15 15:00:00	9.197	14.938	0.270	6.836	11.016	1407.258	0.006
EAS-US	2025-12-15 16:00:00	9.021	13.694	0.282	6.682	11.068	1296.966	0.005
EAS-US	2025-12-15 17:00:00	8.809	13.102	0.278	6.760	11.151	1003.313	0.005
EAS-US	2025-12-15 18:00:00	8.687	13.032	0.281	6.689	11.188	1559.502	0.005
EAS-US	2025-12-15 19:00:00	8.567	12.846	0.269	6.758	11.253	2786.199	0.005
EAS-US	2025-12-15 20:00:00	8.455	11.169	0.268	6.647	11.290	234.438	0.004
EAS-US	2025-12-15 21:00:00	8.397	10.897	0.264	6.704	11.317	158.929	0.004
EAS-US	2025-12-15 22:00:00	8.289	10.561	0.267	6.720	11.339	219.374	0.004
EAS-US	2025-12-15 23:00:00	8.216	10.331	0.268	6.728	11.375	361.982	0.003
EAS-US	2025-12-16 00:00:00	8.194	10.308	0.270	6.687	11.373	467.444	0.003
EAS-US	2025-12-16 01:00:00	8.156	10.185	0.267	6.726	11.392	606.707	0.003
EAS-US	2025-12-16 02:00:00	8.116	10.093	0.270	6.703	11.406	668.461	0.003
EAS-US	2025-12-16 03:00:00	8.087	10.041	0.270	6.723	11.419	614.896	0.003
EAS-US	2025-12-16 04:00:00	8.034	9.897	0.270	6.728	11.419	630.871	0.003
EAS-US	2025-12-16 05:00:00	7.965	11.826	0.264	6.865	11.428	647.189	0.004
EAS-US	2025-12-16 06:00:00	7.936	14.358	0.256	7.109	11.446	474.206	0.005
EAS-US	2025-12-16 07:00:00		12.911	0.255	7.047	11.414	432.319	0.005
EAS-US	2025-12-16 08:00:00	7.977	11.907	0.257	6.964	11.398	321.366	0.004
EAS-US	2025-12-16 09:00:00	7.999	13.489	0.253	7.028	11.391	352.358	0.005
EAS-US	2025-12-16 10:00:00	8.036	13.866	0.251	7.061	11.374	335.981	0.005
EAS-US	2025-12-16 11:00:00	8.118	14.657	0.249	7.041	11.345	409.410	0.005

Woodfibre LNG (East Creek)								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
EAS-US	2025-12-16 12:00:00	8.175	13.050	0.247	6.957	11.308	381.719	0.005
EAS-US	2025-12-16 13:00:00	8.159	11.950	0.249	6.815	11.293	508.154	0.004
EAS-US	2025-12-16 14:00:00	8.179	11.898	0.246	6.849	11.266	592.417	0.004
EAS-US	2025-12-16 15:00:00	8.127	11.723	0.249	6.829	11.244	931.264	0.004
EAS-US	2025-12-16 16:00:00	8.084	12.240	0.250	6.867	11.262	1252.823	0.004
EAS-US	2025-12-16 17:00:00	8.070	12.677	0.244	6.921	11.239	2044.392	0.005
EAS-US	2025-12-16 18:00:00	8.089	15.335	0.236	7.079	11.216	2324.741	0.006
EAS-US	2025-12-16 19:00:00	8.135	16.714	0.227	7.094	11.174	2498.360	0.006
EAS-US	2025-12-16 20:00:00	8.200	16.497	0.226	7.069	11.143	2228.202	0.006
EAS-US	2025-12-16 21:00:00	8.224	14.690	0.228	6.964	11.124	2840.998	0.005
EAS-US	2025-12-16 22:00:00	8.226	14.298	0.228	6.931	11.108	2750.178	0.005
EAS-US	2025-12-16 23:00:00	8.268	15.098	0.224	6.982	11.070	2637.136	0.006
EAS-US	2025-12-17 00:00:00	8.268	14.152	0.224	6.969	11.065	2735.739	0.005
EAS-US	2025-12-17 01:00:00	8.260	15.128	0.224	6.987	11.050	2579.769	0.006
EAS-US	2025-12-17 02:00:00	8.146	15.649	0.186	7.060	11.101	2829.139	0.006
EAS-US	2025-12-17 03:00:00	8.040	13.566	0.187	6.925	11.137	2554.652	0.005
EAS-US	2025-12-17 04:00:00	7.937	12.506	0.190	6.890	11.189	2718.261	0.004
EAS-US	2025-12-17 05:00:00	7.780	12.045	0.190	6.861	11.255	2544.538	0.004
EAS-US	2025-12-17 06:00:00	7.637	11.822	0.192	6.857	11.334	2461.703	0.004
EAS-US	2025-12-17 07:00:00	7.517	11.623	0.192	6.838	11.406	2227.145	0.004
EAS-US	2025-12-17 08:00:00	7.445	11.501	0.194	6.831	11.430	2161.244	0.004
EAS-US	2025-12-17 09:00:00	7.386	11.438	0.194	6.832	11.495	1983.955	0.004
EAS-US	2025-12-17 10:00:00	7.407	11.360	0.191	6.864	11.506	2155.313	0.004
EAS-US	2025-12-17 11:00:00	7.514	11.288	0.191	6.855	11.498	1911.481	0.004
EAS-US	2025-12-17 12:00:00	7.670	14.466	0.191	6.764	11.482	0.202	0.005
EAS-US	2025-12-17 13:00:00	7.808	14.355	0.117	7.065	11.449	0.000	0.005
EAS-US	2025-12-17 14:00:00	7.706	14.315	0.135	6.827	11.487	22.977	0.005
EAS-US	2025-12-17 15:00:00	7.649	14.306	0.136	6.889	11.519	0.000	0.005
EAS-US	2025-12-17 16:00:00	7.585	14.283	0.142	6.871	11.535	2.944	0.005
EAS-US	2025-12-17 17:00:00	7.545	14.232	0.145	6.807	11.544	0.103	0.005
EAS-US	2025-12-17 18:00:00	7.539	14.266	0.135	6.884	11.551	0.000	0.005
EAS-US	2025-12-17 19:00:00	7.475	13.992	0.185	6.781	11.573	0.000	0.005
EAS-US	2025-12-17 20:00:00	7.420	15.436	0.104	6.982	11.595	1.506	0.006
EAS-US	2025-12-17 21:00:00	7.344	18.798	0.122	7.015	11.608	11.375	0.007
EAS-US	2025-12-17 22:00:00		20.303	0.125	7.073	11.597	5.297	0.008
EAS-US	2025-12-17 23:00:00	7.407	18.874	0.120	7.130	11.580	7.499	0.007
EAS-US	2025-12-18 00:00:00	7.369	18.443	0.226	6.787	11.572	6.390	0.007
EAS-US	2025-12-18 01:00:00	7.359	20.370	0.125	7.128	11.565	10.818	0.008
EAS-US	2025-12-18 02:00:00	7.305	23.970	0.120	7.085	11.565	14.855	0.010
EAS-US	2025-12-18 03:00:00	7.288	27.678	0.118	7.220	11.568	12.274	0.012
EAS-US	2025-12-18 04:00:00	7.339	30.505	0.124	7.178	11.543	22.446	0.013
EAS-US	2025-12-18 05:00:00	7.390	29.350	0.115	7.296	11.503	12.832	0.012
EAS-US	2025-12-18 06:00:00	7.444	26.311	0.142	7.163	11.489	495.069	0.011
EAS-US	2025-12-18 07:00:00	7.485	26.843	0.133	7.160	11.465	47.458	0.011
EAS-US	2025-12-18 08:00:00	7.467	26.292	0.222	7.220	11.469	25.193	0.011
EAS-US	2025-12-18 09:00:00	7.451	28.534	0.116	7.198	11.453	7.551	0.012
EAS-US	2025-12-18 10:00:00	7.476	24.947	0.116	7.086	11.443	89.116	0.010
EAS-US	2025-12-18 11:00:00	7.435	22.665	0.108	7.077	11.435	6.382	0.009
EAS-US	2025-12-18 12:00:00	7.358	20.850	0.204	6.920	11.405	1.294	0.008
EAS-US	2025-12-18 13:00:00	7.307	21.036	0.117	7.087	11.395	6.615	0.008
EAS-US	2025-12-18 14:00:00	7.239	22.896	0.203	7.023	11.391	3.390	0.009

Woodfibre LNG (East Creek)								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
EAS-US	2025-12-18 15:00:00	7.167	22.587	0.129	6.994	11.388	3.032	0.009
EAS-US	2025-12-18 16:00:00	7.178	23.091	0.212	6.883	11.370	1.516	0.009
EAS-US	2025-12-18 17:00:00	7.183	22.638	0.196	6.991	11.373	2.507	0.009
EAS-US	2025-12-18 18:00:00	7.290	21.565	0.219	6.935	11.329	0.238	0.009
EAS-US	2025-12-18 19:00:00	7.450	20.222	0.226	6.743	11.304	2.562	0.008
EAS-US	2025-12-18 20:00:00	7.405	19.959	0.234	6.892	11.329	1.456	0.008
EAS-US	2025-12-18 21:00:00	7.311	18.359	0.238	6.815	11.375	0.207	0.007
EAS-US	2025-12-18 22:00:00	7.167	17.422	0.253	6.823	11.414	0.038	0.007
EAS-US	2025-12-18 23:00:00	7.095	16.914	0.254	6.767	11.476	4.176	0.006
EAS-US	2025-12-19 00:00:00	7.033	16.603	0.252	6.711	11.499	0.401	0.006
EAS-US	2025-12-19 01:00:00	6.913	16.217	0.264	6.560	11.532	0.306	0.006
EAS-US	2025-12-19 02:00:00	6.786	15.984	0.259	6.688	11.596	0.000	0.006
EAS-US	2025-12-19 03:00:00	6.701	15.792	0.262	6.647	11.637	0.000	0.006
EAS-US	2025-12-19 04:00:00	6.630	15.607	0.260	6.750	11.649	0.000	0.006
EAS-US	2025-12-19 05:00:00	6.563	15.442	0.262	6.643	11.683	0.000	0.006
EAS-US	2025-12-19 06:00:00	6.580	15.356	0.260	6.728	11.676	0.000	0.006
EAS-US	2025-12-19 07:00:00	6.607	15.182	0.260	6.682	11.679	0.526	0.006
EAS-US	2025-12-19 08:00:00	6.590	15.170	0.258	6.745	11.685	0.000	0.006
EAS-US	2025-12-19 09:00:00	6.545	15.254	0.261	6.704	11.719	8.577	0.006
EAS-US	2025-12-19 10:00:00	6.596	15.427	0.260	6.769	11.707	0.000	0.006
EAS-US	2025-12-19 11:00:00	6.655	15.195	0.267	6.637	11.712	0.000	0.006
EAS-US	2025-12-19 12:00:00	6.675	15.632	0.266	6.712	11.712	2.115	0.006
EAS-US	2025-12-19 13:00:00	6.673	16.078	0.157	6.828	11.705	3.368	0.006
EAS-US	2025-12-19 14:00:00	6.722	15.996	0.263	6.761	11.673	0.482	0.006
EAS-US	2025-12-19 15:00:00			0.208	6.753	11.673	0.000	
EAS-US	2025-12-19 16:00:00	6.675	16.046	0.226	6.696	11.676	0.687	0.006
EAS-US	2025-12-19 17:00:00	6.542	17.837	0.234	6.777	11.720	1.467	0.007
EAS-US	2025-12-19 18:00:00	6.506	21.453	0.255	6.951	11.741	5.379	0.009
EAS-US	2025-12-19 19:00:00	6.526	20.538	0.259	6.865	11.727	2.268	0.008
EAS-US	2025-12-19 20:00:00	6.523	19.043	0.260	6.915	11.752	0.000	0.007
EAS-US	2025-12-19 21:00:00	6.516	17.938	0.264	6.840	11.747	0.000	0.007
EAS-US	2025-12-19 22:00:00	6.493	17.469	0.260	6.839	11.755	0.000	0.007
EAS-US	2025-12-19 23:00:00	6.502	17.588	0.269	6.767	11.761	0.093	0.007
EAS-US	2025-12-20 00:00:00	6.454	18.240	0.262	6.913	11.778	0.000	0.007
EAS-US	2025-12-20 01:00:00	6.449	19.344	0.267	6.790	11.782	0.000	0.008
EAS-US	2025-12-20 02:00:00	6.437	21.490	0.258	6.991	11.792	2.114	0.009
EAS-US	2025-12-20 03:00:00	6.432	23.637	0.257	7.016	11.804	1.283	0.010
EAS-US	2025-12-20 04:00:00	6.447	23.265	0.255	7.002	11.797	1.553	0.009
EAS-US	2025-12-20 05:00:00	6.426	23.661	0.258	6.982	11.780	2.151	0.010
EAS-US	2025-12-20 06:00:00	6.430	22.858	0.255	7.042	11.786	1.666	0.009
EAS-US	2025-12-20 07:00:00	6.478	20.639	0.237	7.057	11.787	0.000	0.008
EAS-US	2025-12-20 08:00:00	6.473	19.434	0.272	6.866	11.789	0.147	0.008
EAS-US	2025-12-20 09:00:00	6.457	18.341	0.279	6.870	11.776	0.000	0.007
EAS-US	2025-12-20 10:00:00							
EAS-US	2025-12-20 11:00:00	6.355	37.171	0.252	7.298	11.824	15.116	0.016
EAS-US	2025-12-20 12:00:00	6.400	36.946	0.246	7.319	11.806	17.819	0.016
EAS-US	2025-12-20 13:00:00	6.366	35.854	0.245	7.274	11.817	15.507	0.015
EAS-US	2025-12-20 14:00:00	6.492	31.271	0.240	7.241	11.794	9.311	0.013
EAS-US	2025-12-20 15:00:00	6.666	24.626	0.254	7.030	11.745	0.838	0.010
EAS-US	2025-12-20 16:00:00	6.692	21.591	0.260	6.988	11.745	2.069	0.009
EAS-US	2025-12-20 17:00:00	6.698	20.143	0.277	6.865	11.740	0.000	0.008

Woodfibre LNG (East Creek)								
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**	**Salinity (PSU)**
EAS-US	2025-12-20 18:00:00			0.277	6.932	11.731	0.000	
EAS-US	2025-12-20 19:00:00	6.648	20.690	0.286	6.860	11.752	0.507	0.008
EAS-US	2025-12-20 20:00:00	6.568	26.972	0.279	7.097	11.792	4.356	0.011
EAS-US	2025-12-20 21:00:00	6.623	25.093	0.281	7.045	11.763	0.000	0.010
EAS-US	2025-12-20 22:00:00	6.619	21.258	0.281	7.004	11.740	0.000	0.008
EAS-US	2025-12-20 23:00:00	6.657	19.673	0.285	6.868	11.724	0.000	0.008
EAS-US	2025-12-21 00:00:00	6.684	18.453	0.292	6.791	11.697	0.000	0.007
EAS-US	2025-12-21 01:00:00	6.686	18.060	0.277	6.812	11.703	0.000	0.007
EAS-US	2025-12-21 02:00:00	6.690	17.594	0.295	6.816	11.686	0.000	0.007
EAS-US	2025-12-21 03:00:00	6.619	19.983	0.207	7.122	11.747	3.455	0.008
EAS-US	2025-12-21 04:00:00	6.553	25.968	0.277	7.099	11.723	3.482	0.011
EAS-US	2025-12-21 05:00:00	6.564	26.153	0.278	7.056	11.697	1.086	0.011
EAS-US	2025-12-21 06:00:00	6.478	29.168	0.272	7.185	11.733	4.543	0.012
EAS-US	2025-12-21 07:00:00	6.539	26.495	0.269	7.090	11.709	0.930	0.011
EAS-US	2025-12-21 08:00:00	6.515	24.242	0.270	7.053	11.708	2.000	0.010
EAS-US	2025-12-21 09:00:00	6.526	27.074	0.262	7.098	11.703	2.344	0.011
EAS-US	2025-12-21 10:00:00	6.594	25.467	0.268	7.053	11.685	3.015	0.010
EAS-US	2025-12-21 11:00:00	6.793	20.957	0.270	6.890	11.629	0.929	0.008
EAS-US	2025-12-21 12:00:00	6.906	19.058	0.273	6.916	11.573	0.349	0.007
EAS-US	2025-12-21 13:00:00	6.990	18.642	0.268	6.867	11.550	0.000	0.007
EAS-US	2025-12-21 14:00:00	7.021	18.356	0.274	6.836	11.527	0.665	0.007
EAS-US	2025-12-21 15:00:00	6.971	19.767	0.271	6.889	11.550	0.794	0.008
EAS-US	2025-12-21 16:00:00	6.912	25.240	0.262	7.094	11.581	17.459	0.010
EAS-US	2025-12-21 17:00:00			0.242	7.250	11.603	13.718	
EAS-US	2025-12-21 18:00:00	6.823	35.306	0.247	7.277	11.601	8.296	0.015
EAS-US	2025-12-21 19:00:00	6.834	25.862	0.254	7.069	11.602	0.052	0.011
EAS-US	2025-12-21 20:00:00	6.847	20.913	0.269	6.935	11.590	0.000	0.008
EAS-US	2025-12-21 21:00:00	6.819	18.854	0.274	6.850	11.619	1.115	0.007
EAS-US	2025-12-21 22:00:00	6.818	17.921	0.283	6.814	11.611	1.308	0.007
EAS-US	2025-12-21 23:00:00	6.790	17.598	0.283	6.804	11.650	0.073	0.007


Turbidity (NTU)
2000
1000
0
15-Dec
16-Dec
17-Dec
18-Dec
19-Dec
20-Dec
21-Dec
22-Dec
Monitoring location
EAS-DS
EAS-US
Guideline
BC FWAL - Acute

Water Quality Field Data Sheet

Project: FORTIS11234

Location Information

Site ID:	WLNG (EAS) DS			**Date:**	December 16, 2025
Site Name:	East Creek			**Time:**	8:20
Site UTM:	Zone:	E:	49.66937	**Crew:**	JM
(NAD83)		N:	-123.24801	**Weather:**	Rain

In Situ Parameters

pH:	6.97		DO:	15.07	(mg/L)
Temp.:	8.4	(°C)	Cond:	58.8	(us)
Turbidity:	3.05	NTU	Salinity:	0.03	(ppt)
Visible Sheen:	No		ORP:	-35.1	(mV)
Water Surface Condition:	Clear				

Photo Record

Observations

Water Quality Field Data Sheet

Project: FORTIS11234

Location Information

Site ID:	WLNG (EAS) US			**Date:**	December 16, 2025
Site Name:	East Creek			**Time:**	8:40
Site UTM:	Zone:	E:	49.66937	**Crew:**	JM
(NAD83)		N:	-123.25076	**Weather:**	Rain

In Situ Parameters

pH:	6.86		DO:	10.83	(mg/L)
Temp.:	7.9	(°C)	Cond:	48	(us)
Turbidity:	1.87	NTU	Salinity:	0.02	(ppt)
Visible Sheen:	No		ORP:	-25.1	(mV)
Water Surface Condition:	Clear				

Photo Record

Observations

Appendix E: Lab Documentation

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 120380

Attention: Saeesh Mangwani

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

Report Date: 2025/12/30
Report #: R3747287
Version: 2 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5A1341
Received: 2025/12/16, 17:00

Sample Matrix: Water
Samples Received: 8

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity @25C (pp, total), CO3,HCO3,OH	8	N/A	2025/12/18	BBY6SOP-00026	SM 24 2320 B m
Chloride/Sulphate by Auto Colourimetry	8	N/A	2025/12/18	BBY6SOP-00011 / BBY6SOP-00017	SM24-4500-Cl/SO4-E m
Chromium III (Calc'd)	3	N/A	2025/12/22		
Chromium III (Calc'd)	5	N/A	2025/12/23		
Total Hexavalent Chromium	8	N/A	2025/12/18	BBY6SOP-00054	SM 24 3500-Cr B m
Carbon (DOC) -Lab Filtered (2)	2	N/A	2025/12/23	BBY6SOP-00053	SM 24 5310 B m
Carbon (DOC) -Lab Filtered (2)	6	N/A	2025/12/24	BBY6SOP-00053	SM 24 5310 B m
Fluoride	8	N/A	2025/12/19	BBY6SOP-00037	SM 24 4500-F C m
Glycols in Water by GC/FID (1)	2	N/A	2025/12/22	CAL SOP-00093	BCMOE Glycols 09/17
Sulphide (as H2S) (1)	8	N/A	2025/12/23		Auto Calc
Un-ionized Hydrogen Sulphide as S Calc	6	N/A	2025/12/23	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (3)	3	N/A	2025/12/22	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (3)	5	N/A	2025/12/23	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3)	8	N/A	2025/12/23	BBY WI-00033	Auto Calc
Mercury (Dissolved) by CV-Lab Filtered	8	2025/12/18	2025/12/18	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Total) by CV	8	2025/12/18	2025/12/18	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Bromide as Bromine (Br) by ICPMS	8	N/A	2025/12/22	BBY7SOP-00002	EPA 6020B R2 m
EPH in Water when PAH required	2	2025/12/22	2025/12/23	BBY8SOP-00029	BCMOE BCLM Sep2017 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	8	N/A	2025/12/23	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (lab filter) (4)	8	N/A	2025/12/23	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Digested LL (total)	5	2025/12/22	2025/12/22	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total)	3	N/A	2025/12/22	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (total)	5	N/A	2025/12/23	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total)	3	N/A	2025/12/19	BBY7SOP-00002	EPA 6020b R2 m
Nitrogen (Total)	8	N/A	2025/12/18	BBY6SOP-00016	SM 24 4500-N C m
Ammonia-N (Total)	8	N/A	2025/12/19	AB SOP-00007	SM 24 4500 NH3 A G m
Nitrate + Nitrite (N)	8	N/A	2025/12/18	BBY6SOP-00010	SM 24 4500-NO3- H m
Nitrite (N) Regular Level Water	8	N/A	2025/12/18	BBY6SOP-00010	SM 24 4500-NO2- m
Nitrogen - Nitrate (as N)	8	N/A	2025/12/19	BBY WI-00033	Auto Calc

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 120380

Attention: Saeesh Mangwani

HATFIELD CONSULTANTS
N. VANCOUVER
200-850 Harbourside Dr
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Canada V7P 0A3

Report Date: 2025/12/30
Report #: R3747287
Version: 2 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5A1341
Received: 2025/12/16, 17:00

Sample Matrix: Water
Samples Received: 8

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
PAH in Water by GC/MS (SIM)	2	2025/12/22	2025/12/22	BBY8SOP-00021	BCMOE BCLM Jul2017m
Total LMW, HMW, Total PAH Calc (5)	2	N/A	2025/12/23	BBY WI-00033	Auto Calc
pH @25°C (6)	8	N/A	2025/12/18	BBY6SOP-00026	SM 24 4500-H+ B m
Phenols (4-AAP) (1)	2	N/A	2025/12/22	AB SOP-00088	EPA 9066 R0 m
Rainbow Trout LC50 Multi-concentration	1	N/A	2025/12/18	BBY2SOP-00004	EPS1/RM/13(2nd)&RM/9
Total Sulphide (1)	8	2025/12/22	2025/12/22	AB SOP-00080	SM 24 4500 S2-A D Fm
Total Dissolved Solids (Filt. Residue)	8	2025/12/18	2025/12/19	BBY6SOP-00033	SM 24 2540 C m
EPH less PAH in Water by GC/FID (7)	2	N/A	2025/12/23	BBY WI-00033	Auto Calc
Carbon (Total Organic) (8)	8	N/A	2025/12/23	BBY6SOP-00053	SM 24 5310 B m
Total Phosphorus Low Level Total	8	2025/12/18	2025/12/19	BBY6SOP-00013	SM 24 4500-P E m
Total Suspended Solids (NFR)	6	2025/12/18	2025/12/19	BBY6SOP-00034	SM 24 2540 D m
Total Suspended Solids (NFR)	2	2025/12/19	2025/12/21	BBY6SOP-00034	SM 24 2540 D m
Field pH	6	N/A	2025/12/18	Field Test	Field Test
Field Temperature	6	N/A	2025/12/18	Field Test	Field Test
VOCs, VH, F1, LH in Water by HS GC/MS	2	N/A	2025/12/18	BBY8SOP-00009 / BBY8SOP-00011 / BBY8SOP-00012	BCMOE BCLM Jul2017 m
Volatile HC-BTEX (9)	2	N/A	2025/12/19	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

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 120380

Attention: Saeesh Mangwani

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Report Date: 2025/12/30
Report #: R3747287
Version: 2 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5A1341
Received: 2025/12/16, 17:00
customer or their agent.

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

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

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

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

Bureau Veritas Job #: C5A1341
Report Date: 2025/12/30

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		DYS859			DYS860			DYS860		
Sampling Date		2025/12/16			2025/12/16			2025/12/16		
COC Number		120380			120380			120380		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG -EOP	RDL	QC Batch	WLNG -EOP Lab-Dup	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	0.0077	0.0050	C194166	ND	0.0050	C194166			
Calculated Parameters										
Total Chromium III	mg/L	ND	0.00099	C193350	ND	0.00099	C193350			
Dissolved Hardness (CaCO3)	mg/L	10.2	0.50	C193006	58.9	0.50	C193006			
Total Hardness (CaCO3)	mg/L	10.2	0.50	C193005	62.1	0.50	C193005			
Nitrate (N)	mg/L	ND	0.020	C193012	ND	0.020	C193012			
Sulphide (as H2S)	mg/L	ND	0.0020	C192786	ND	0.0020	C192786			
Field Parameters										
Field pH	pH	6.97	N/A	ONSITE	6.68	N/A	ONSITE			
Field Temperature	°C	8.4	N/A	ONSITE	10.2	N/A	ONSITE			
Misc. Inorganics										
pH	pH	6.54	N/A	C194249	7.47	N/A	C194017			
Total Organic Carbon (C)	mg/L	2.9	0.50	C196542	1.2	0.50	C196542			
Total Dissolved Solids	mg/L	16	10	C193933	48	10	C193933			
Total Suspended Solids	mg/L	1.2	1.0	C193795	4.4	1.0	C193778	2.8	1.0	C193778
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	2.6	0.50	C196698	0.82	0.50	C196698			
Anions										
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	C194245	ND	1.0	C194010			
Alkalinity (Total as CaCO3)	mg/L	6.8	1.0	C194245	50	1.0	C194010			
Bicarbonate (HCO3)	mg/L	8.3	1.0	C194245	61	1.0	C194010			
Carbonate (CO3)	mg/L	ND	1.0	C194245	ND	1.0	C194010			
Fluoride (F)	mg/L	ND	0.050	C194088	0.30	0.050	C194088			
Hydroxide (OH)	mg/L	ND	1.0	C194245	ND	1.0	C194010			
Total Sulphide	mg/L	ND	0.0018	C196014	ND	0.0018	C196014	ND	0.0018	C196014
Chloride (Cl)	mg/L	ND	1.0	C193920	8.8	1.0	C193920			
Sulphate (SO4)	mg/L	ND	1.0	C193920	12	1.0	C193920			

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

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

Bureau Veritas Job #: C5A1341
Report Date: 2025/12/30

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		DYS859			DYS860			DYS860		
Sampling Date		2025/12/16			2025/12/16			2025/12/16		
COC Number		120380			120380			120380		
	UNITS	WLNG-DS	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	C194229	ND	0.00099	C194229			
Nutrients										
Total Ammonia (N)	mg/L	ND	0.015	C194284	0.016	0.015	C194284			
Total Phosphorus (P)	mg/L	0.14	0.0010	C194231	0.0036	0.0010	C194231			
Nitrate plus Nitrite (N)	mg/L	ND	0.020	C194164	ND	0.020	C194164			
Total Nitrogen (N)	mg/L	0.109	0.020	C193834	0.112	0.020	C193834			
Misc. Organics										
Phenols	mg/L				ND	0.0015	C195906			
Rainbow Trout										
LC50	% vol/vol				ATTACHED	N/A	C194093			

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 #: C5A1341
Report Date: 2025/12/30

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		DYS861		DYS862		DYS863		
Sampling Date		2025/12/16		2025/12/16		2025/12/16		
COC Number		120380		120380		120380		
	UNITS	WLNG-US	QC Batch	SQRI-US	QC Batch	SQRI-DS	RDL	QC Batch
ANIONS								
Nitrite (N)	mg/L	ND	C194166	0.0067	C194166	ND	0.0050	C194166
Calculated Parameters								
Total Chromium III	mg/L	ND	C193350	ND	C193350	ND	0.00099	C193350
Dissolved Hardness (CaCO3)	mg/L	6.64	C193006	11.4	C193006	10.9	0.50	C193006
Total Hardness (CaCO3)	mg/L	6.31	C193005	11.7	C193005	11.6	0.50	C193005
Nitrate (N)	mg/L	0.036	C193012	0.280	C193012	0.069	0.020	C193012
Sulphide (as H2S)	mg/L	ND	C192786	ND	C192786	ND	0.0020	C192786
Field Parameters								
Field pH	pH	6.86	ONSITE	6.88	ONSITE	6.73	N/A	ONSITE
Field Temperature	°C	7.9	ONSITE	6.2	ONSITE	8.3	N/A	ONSITE
Misc. Inorganics								
pH	pH	6.56	C194017	6.54	C194017	6.54	N/A	C194017
Total Organic Carbon (C)	mg/L	3.4	C196542	2.9	C196542	2.9	0.50	C196542
Total Dissolved Solids	mg/L	16	C193933	24	C193933	20	10	C193933
Total Suspended Solids	mg/L	3.2	C193778	49	C193795	79	1.0	C194716
Lab Filtered Inorganics								
Dissolved Organic Carbon (C)	mg/L	3.1	C196698	2.6	C196698	2.6	0.50	C196698
Anions								
Alkalinity (PP as CaCO3)	mg/L	ND	C194010	ND	C194010	ND	1.0	C194010
Alkalinity (Total as CaCO3)	mg/L	4.9	C194010	9.0	C194010	9.0	1.0	C194010
Bicarbonate (HCO3)	mg/L	5.9	C194010	11	C194010	11	1.0	C194010
Carbonate (CO3)	mg/L	ND	C194010	ND	C194010	ND	1.0	C194010
Fluoride (F)	mg/L	ND	C194088	ND	C194088	ND	0.050	C194088
Hydroxide (OH)	mg/L	ND	C194010	ND	C194010	ND	1.0	C194010
Total Sulphide	mg/L	ND	C196014	ND	C196014	ND	0.0018	C196014
Chloride (Cl)	mg/L	ND	C193920	ND	C193920	ND	1.0	C193920
Sulphate (SO4)	mg/L	ND	C193920	1.2	C193920	ND	1.0	C193920
Metals								
Total Hex. Chromium (Cr 6+)	mg/L	ND	C194229	ND	C194229	ND	0.00099	C194229

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

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Bureau Veritas Job #: C5A1341
Report Date: 2025/12/30

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		DYS861		DYS862		DYS863		
Sampling Date		2025/12/16		2025/12/16		2025/12/16		
COC Number		120380		120380		120380		
	UNITS	WLNG-US	QC Batch	SQRI-US	QC Batch	SQRI-DS	RDL	QC Batch
Nutrients								
Total Ammonia (N)	mg/L	ND	C194284	0.078	C194284	0.037	0.015	C194284
Total Phosphorus (P)	mg/L	0.31	C194231	0.092	C194231	0.11	0.0010	C194231
Nitrate plus Nitrite (N)	mg/L	0.036	C194164	0.287	C194164	0.069	0.020	C194164
Total Nitrogen (N)	mg/L	0.157	C193834	0.235 (1)	C193834	0.190	0.020	C193834

RDL = Reportable Detection Limit
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
(1) Nitrogen < Nitrate: Both values fall within the method uncertainty for duplicates and are likely equivalent.

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

Bureau Veritas Job #: C5A1341
Report Date: 2025/12/30

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		DYS864			DYS864			DYS865		
Sampling Date		2025/12/16			2025/12/16			2025/12/16		
COC Number		120380			120380			120380		
	UNITS	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch	Trip Blank	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	ND	0.0050	C194166				ND	0.0050	C194166
Calculated Parameters										
Total Chromium III	mg/L	ND	0.00099	C193350				ND	0.00099	C193350
Dissolved Hardness (CaCO3)	mg/L	ND	0.50	C193006				ND	0.50	C193006
Total Hardness (CaCO3)	mg/L	ND	0.50	C193005				ND	0.50	C193005
Nitrate (N)	mg/L	ND	0.020	C193012				ND	0.020	C193012
Sulphide (as H2S)	mg/L	ND	0.0020	C192786				ND	0.0020	C192786
Misc. Inorganics										
pH	pH	5.82	N/A	C194017				5.66	N/A	C194017
Total Organic Carbon (C)	mg/L	ND	0.50	C196542				ND	0.50	C196542
Total Dissolved Solids	mg/L	ND	10	C193933				ND	10	C193933
Total Suspended Solids	mg/L	ND	1.0	C193782	ND	1.0	C193782	ND	1.0	C193782
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	ND	0.50	C196698				ND	0.50	C196698
Anions										
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	C194010				ND	1.0	C194010
Alkalinity (Total as CaCO3)	mg/L	ND	1.0	C194010				ND	1.0	C194010
Bicarbonate (HCO3)	mg/L	ND	1.0	C194010				ND	1.0	C194010
Carbonate (CO3)	mg/L	ND	1.0	C194010				ND	1.0	C194010
Fluoride (F)	mg/L	ND	0.050	C194088				ND	0.050	C194088
Hydroxide (OH)	mg/L	ND	1.0	C194010				ND	1.0	C194010
Total Sulphide	mg/L	ND	0.0018	C196014				ND	0.0018	C196014
Chloride (Cl)	mg/L	ND	1.0	C193920				ND	1.0	C193920
Sulphate (SO4)	mg/L	ND	1.0	C193920				ND	1.0	C193920
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	C194229				ND	0.00099	C194229

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

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

Bureau Veritas Job #: C5A1341
Report Date: 2025/12/30

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		DYS864			DYS864			DYS865		
Sampling Date		2025/12/16			2025/12/16			2025/12/16		
COC Number		120380			120380			120380		
	UNITS	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch	Trip Blank	RDL	QC Batch
Nutrients										
Total Ammonia (N)	mg/L	ND	0.015	C194284				ND	0.015	C194284
Total Phosphorus (P)	mg/L	0.0015	0.0010	C194251	0.0011	0.0010	C194251	ND	0.0010	C194251
Nitrate plus Nitrite (N)	mg/L	ND	0.020	C194164				ND	0.020	C194164
Total Nitrogen (N)	mg/L	ND	0.020	C193834				ND	0.020	C193834

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

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

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DYS866			DYS866		
Sampling Date		2025/12/16			2025/12/16		
COC Number		120380			120380		
	UNITS	DUP	RDL	QC Batch	DUP Lab-Dup	RDL	QC Batch
ANIONS							
Nitrite (N)	mg/L	ND	0.0050	C194166			
Calculated Parameters							
Total Chromium III	mg/L	ND	0.00099	C193350			
Dissolved Hardness (CaCO3)	mg/L	60.7	0.50	C193006			
Total Hardness (CaCO3)	mg/L	59.0	0.50	C193005			
Nitrate (N)	mg/L	ND	0.020	C193012			
Sulphide (as H2S)	mg/L	ND	0.0020	C192786			
Field Parameters							
Field pH	pH	6.68	N/A	ONSITE			
Field Temperature	°C	10.2	N/A	ONSITE			
Misc. Inorganics							
pH	pH	7.18	N/A	C194017			
Total Organic Carbon (C)	mg/L	1.2	0.50	C196542			
Total Dissolved Solids	mg/L	100	10	C193933			
Total Suspended Solids	mg/L	4.0	1.0	C194716			
Lab Filtered Inorganics							
Dissolved Organic Carbon (C)	mg/L	0.84	0.50	C196698			
Anions							
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	C194010			
Alkalinity (Total as CaCO3)	mg/L	48	1.0	C194010			
Bicarbonate (HCO3)	mg/L	59	1.0	C194010			
Carbonate (CO3)	mg/L	ND	1.0	C194010			
Fluoride (F)	mg/L	0.29	0.050	C194088			
Hydroxide (OH)	mg/L	ND	1.0	C194010			
Total Sulphide	mg/L	ND	0.0018	C196014			
Chloride (Cl)	mg/L	8.8	1.0	C193920			
Sulphate (SO4)	mg/L	12	1.0	C193920			

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

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

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DYS866			DYS866		
Sampling Date		2025/12/16			2025/12/16		
COC Number		120380			120380		
	UNITS	DUP	RDL	QC Batch	DUP Lab-Dup	RDL	QC Batch
Metals							
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	C194229	ND	0.00099	C194229
Nutrients							
Total Ammonia (N)	mg/L	0.016	0.015	C194284			
Total Phosphorus (P)	mg/L	0.0038	0.0010	C194251			
Nitrate plus Nitrite (N)	mg/L	ND	0.020	C194164			
Total Nitrogen (N)	mg/L	0.118	0.020	C193834	0.126	0.020	C193834
Misc. Organics							
Phenols	mg/L	ND	0.0015	C195906			

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		DYS860	DYS866		
Sampling Date		2025/12/16	2025/12/16		
COC Number		120380	120380		
	UNITS	WLNG -EOP	DUP	RDL	QC Batch
Glycols					
Ethylene Glycol	mg/L	ND	ND	3.0	C195583
Diethylene Glycol	mg/L	ND	ND	5.0	C195583
Triethylene Glycol	mg/L	ND	ND	5.0	C195583
Propylene Glycol	mg/L	ND	ND	5.0	C195583
Surrogate Recovery (%)					
Methyl Sulfone (sur.)	%	98	107		C195583

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

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

Bureau Veritas Job #: C5A1341
Report Date: 2025/12/30

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

MERCURY BY COLD VAPOR (WATER)

Bureau Veritas ID		DYS859	DYS860		DYS861	DYS862		DYS863		
Sampling Date		2025/12/16	2025/12/16		2025/12/16	2025/12/16		2025/12/16		
COC Number		120380	120380		120380	120380		120380		
	UNITS	WLNG-DS	WLNG -EOP	QC Batch	WLNG-US	SQRI-US	QC Batch	SQRI-DS	RDL	QC Batch
Elements										
Total Mercury (Hg)	ug/L	0.0033	ND	C193974	0.0040	0.0030	C193839	0.0038	0.0019	C193974
Lab Filtered Elements										
Dissolved Mercury (Hg)	ug/L	0.0026	ND	C193858	0.0030	ND	C193858	ND	0.0019	C193858

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

Bureau Veritas ID		DYS864		DYS865		DYS866		
Sampling Date		2025/12/16		2025/12/16		2025/12/16		
COC Number		120380		120380		120380		
	UNITS	Field Blank	QC Batch	Trip Blank	QC Batch	DUP	RDL	QC Batch
Elements								
Total Mercury (Hg)	ug/L	ND	C193839	ND	C193974	ND	0.0019	C193839
Lab Filtered Elements								
Dissolved Mercury (Hg)	ug/L	ND (1)	C193858	ND (1)	C193858	ND	0.0019	C193858

RDL = Reportable Detection Limit
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
(1) Sample preserved before filtering.

No impact to results.

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ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DYS859			DYS860			DYS861	DYS862		
Sampling Date		2025/12/16			2025/12/16			2025/12/16	2025/12/16		
COC Number		120380			120380			120380	120380		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG -EOP	RDL	QC Batch	WLNG-US	SQRI-US	RDL	QC Batch
ANIONS											
Bromide (Br)	mg/L	ND	0.010	C195748	ND	0.010	C195748	ND	ND	0.010	C195748
Dissolved Metals by ICPMS											
Dissolved Calcium (Ca)	mg/L	3.56	0.050	C193127	22.0	0.050	C193127	2.06	3.90	0.050	C193127
Dissolved Magnesium (Mg)	mg/L	0.309	0.050	C193127	0.982	0.050	C193127	0.363	0.408	0.050	C193127
Dissolved Potassium (K)	mg/L	0.288	0.050	C193127	1.01	0.050	C193127	0.313	0.356	0.050	C193127
Dissolved Sodium (Na)	mg/L	1.25	0.050	C193127	5.40	0.050	C193127	0.938	1.24	0.050	C193127
Dissolved Sulphur (S)	mg/L	ND	3.0	C193127	3.8	3.0	C193127	ND	ND	3.0	C193127
Lab Filtered Metals											
Dissolved Aluminum (Al)	ug/L	85.6	0.50	C195879	64.8	0.50	C195879	88.3	74.7	0.50	C195879
Dissolved Antimony (Sb)	ug/L	0.049	0.020	C195879	0.137	0.020	C195879	0.056	ND	0.020	C195879
Dissolved Arsenic (As)	ug/L	0.390	0.020	C195879	1.17	0.020	C195879	0.566	0.081	0.020	C195879
Dissolved Barium (Ba)	ug/L	2.72	0.020	C195879	6.00	0.020	C195879	2.14	5.10	0.020	C195879
Dissolved Beryllium (Be)	ug/L	ND	0.010	C195879	ND	0.010	C195879	ND	ND	0.010	C195879
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	C195879	ND	0.0050	C195879	0.0060	ND	0.0050	C195879
Dissolved Boron (B)	ug/L	ND	10	C195879	10	10	C195879	ND	ND	10	C195879
Dissolved Cadmium (Cd)	ug/L	0.0070	0.0050	C195879	0.0140	0.0050	C195879	0.0090	0.0110	0.0050	C195879
Dissolved Cesium (Cs)	ug/L	ND	0.050	C195879	ND	0.050	C195879	ND	ND	0.050	C195879
Dissolved Chromium (Cr)	ug/L	ND	0.10	C195879	ND	0.10	C195879	ND	ND	0.10	C195879
Dissolved Cobalt (Co)	ug/L	0.0410	0.0050	C195879	0.0540	0.0050	C195879	0.0560	0.0540	0.0050	C195879
Dissolved Copper (Cu)	ug/L	1.06	0.050	C195879	0.371	0.050	C195879	1.82	1.09	0.050	C195879
Dissolved Iron (Fe)	ug/L	17.2	1.0	C195879	2.7	1.0	C195879	22.2	49.7	1.0	C195879
Dissolved Lead (Pb)	ug/L	0.0160	0.0050	C195879	0.0050	0.0050	C195879	0.0200	0.0180	0.0050	C195879
Dissolved Lithium (Li)	ug/L	ND	0.50	C195879	2.97	0.50	C195879	ND	ND	0.50	C195879
Dissolved Manganese (Mn)	ug/L	3.52	0.050	C195879	30.1	0.050	C195879	1.70	4.92	0.050	C195879
Dissolved Molybdenum (Mo)	ug/L	3.37	0.050	C195879	32.7	0.050	C195879	0.491	0.418	0.050	C195879
Dissolved Nickel (Ni)	ug/L	0.322	0.020	C195879	0.133	0.020	C195879	0.459	0.108	0.020	C195879
Dissolved Phosphorus (P)	ug/L	105	2.0	C195879	ND	2.0	C195879	253	22.9	2.0	C195879
Dissolved Rubidium (Rb)	ug/L	0.452	0.050	C195879	2.17	0.050	C195879	0.302	0.407	0.050	C195879
Dissolved Selenium (Se)	ug/L	ND	0.040	C195879	0.046	0.040	C195879	ND	ND	0.040	C195879
Dissolved Silicon (Si)	ug/L	2990	50	C195879	6330	50	C195879	2730	2990	50	C195879
Dissolved Silver (Ag)	ug/L	ND	0.0050	C195879	ND	0.0050	C195879	0.0060	ND	0.0050	C195879

RDL = Reportable Detection Limit
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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		DYS859			DYS860			DYS861	DYS862		
Sampling Date		2025/12/16			2025/12/16			2025/12/16	2025/12/16		
COC Number		120380			120380			120380	120380		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG -EOP	RDL	QC Batch	WLNG-US	SQRI-US	RDL	QC Batch
Dissolved Strontium (Sr)	ug/L	10.4	0.050	C195879	44.2	0.050	C195879	7.90	21.3	0.050	C195879
Dissolved Tellurium (Te)	ug/L	ND	0.020	C195879	ND	0.020	C195879	ND	ND	0.020	C195879
Dissolved Thallium (Tl)	ug/L	0.0030	0.0020	C195879	0.0100	0.0020	C195879	0.0020	0.0020	0.0020	C195879
Dissolved Thorium (Th)	ug/L	0.0120	0.0050	C195879	ND	0.0050	C195879	0.0120	ND	0.0050	C195879
Dissolved Tin (Sn)	ug/L	ND	0.20	C195879	ND	0.20	C195879	ND	ND	0.20	C195879
Dissolved Titanium (Ti)	ug/L	ND	0.50	C195879	ND	0.50	C195879	ND	0.78	0.50	C195879
Dissolved Uranium (U)	ug/L	0.179	0.0020	C195879	0.559	0.0020	C195879	0.170	0.0240	0.0020	C195879
Dissolved Vanadium (V)	ug/L	ND	0.20	C195879	ND	0.20	C195879	0.23	0.60	0.20	C195879
Dissolved Zinc (Zn)	ug/L	1.55	0.10	C195879	2.52	0.10	C195879	2.47	1.05	0.10	C195879
Dissolved Zirconium (Zr)	ug/L	ND	0.10	C195879	ND	0.10	C195879	ND	ND	0.10	C195879
Total Metals by ICPMS											
Total Aluminum (Al)	ug/L	199	3.0	C195694	397	0.50	C194544	218	764	3.0	C195694
Total Antimony (Sb)	ug/L	0.051	0.020	C195694	0.169	0.020	C194544	0.053	ND	0.020	C195694
Total Arsenic (As)	ug/L	0.410	0.020	C195694	1.43	0.020	C194544	0.526	0.125	0.020	C195694
Total Barium (Ba)	ug/L	3.37	0.050	C195694	7.10	0.020	C194544	2.95	10.6	0.050	C195694
Total Beryllium (Be)	ug/L	ND	0.010	C195694	ND	0.010	C194544	ND	0.016	0.010	C195694
Total Bismuth (Bi)	ug/L	ND	0.010	C195694	0.0092	0.0050	C194544	0.010	ND	0.010	C195694
Total Boron (B)	ug/L	ND	10	C195694	11	10	C194544	ND	ND	10	C195694
Total Cadmium (Cd)	ug/L	0.0110	0.0050	C195694	0.0164	0.0050	C194544	0.0110	0.0190	0.0050	C195694
Total Cesium (Cs)	ug/L	ND	0.050	C195694	0.054	0.050	C194544	ND	ND	0.050	C195694
Total Chromium (Cr)	ug/L	0.20	0.10	C195694	ND	0.10	C194544	0.11	0.33	0.10	C195694
Total Cobalt (Co)	ug/L	0.066	0.010	C195694	0.0671	0.0050	C194544	0.087	0.273	0.010	C195694
Total Copper (Cu)	ug/L	1.30	0.10	C195694	1.75	0.050	C194544	2.08	2.49	0.10	C195694
Total Iron (Fe)	ug/L	83.2	5.0	C195694	116	1.0	C194544	120	483	5.0	C195694
Total Lead (Pb)	ug/L	0.124	0.020	C195694	0.148	0.0050	C194544	0.106	0.255	0.020	C195694
Total Lithium (Li)	ug/L	ND	0.50	C195694	2.55	0.50	C194544	ND	ND	0.50	C195694
Total Manganese (Mn)	ug/L	6.30	0.10	C195694	33.3	0.050	C194544	4.88	17.4	0.10	C195694
Total Molybdenum (Mo)	ug/L	3.28	0.050	C195694	34.5	0.050	C194544	0.469	0.397	0.050	C195694
Total Nickel (Ni)	ug/L	0.35	0.10	C195694	0.152	0.020	C194544	0.44	0.44	0.10	C195694
Total Phosphorus (P)	ug/L	116	5.0	C195694	3.0	2.0	C194544	235	62.0	5.0	C195694
Total Rubidium (Rb)	ug/L	0.489	0.050	C195694	2.43	0.050	C194544	0.366	0.659	0.050	C195694
Total Selenium (Se)	ug/L	ND	0.040	C195694	0.051	0.040	C194544	ND	ND	0.040	C195694

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

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DYS859			DYS860			DYS861	DYS862		
Sampling Date		2025/12/16			2025/12/16			2025/12/16	2025/12/16		
COC Number		120380			120380			120380	120380		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG -EOP	RDL	QC Batch	WLNG-US	SQRI-US	RDL	QC Batch
Total Silicon (Si)	ug/L	3060	50	C195694	7030	50	C194544	2640	3500	50	C195694
Total Silver (Ag)	ug/L	ND	0.010	C195694	ND	0.0050	C194544	0.010	ND	0.010	C195694
Total Strontium (Sr)	ug/L	10.5	0.050	C195694	49.8	0.050	C194544	7.20	23.4	0.050	C195694
Total Tellurium (Te)	ug/L	ND	0.020	C195694	ND	0.020	C194544	ND	ND	0.020	C195694
Total Thallium (Tl)	ug/L	0.0040	0.0020	C195694	0.0109	0.0020	C194544	0.0030	0.0040	0.0020	C195694
Total Thorium (Th)	ug/L	ND	0.050	C195694	ND	0.050	C194544	ND	ND	0.050	C195694
Total Tin (Sn)	ug/L	ND	0.20	C195694	ND	0.20	C194544	ND	ND	0.20	C195694
Total Titanium (Ti)	ug/L	2.9	2.0	C195694	2.21	0.50	C194544	4.9	18.4	2.0	C195694
Total Uranium (U)	ug/L	0.258	0.0050	C195694	0.922	0.0020	C194544	0.204	0.0440	0.0050	C195694
Total Vanadium (V)	ug/L	ND	0.20	C195694	ND	0.20	C194544	0.27	1.36	0.20	C195694
Total Zinc (Zn)	ug/L	2.5	1.0	C195694	3.86	0.10	C194544	2.4	4.0	1.0	C195694
Total Zirconium (Zr)	ug/L	ND	0.10	C195694	ND	0.10	C194544	ND	0.14	0.10	C195694
Total Calcium (Ca)	mg/L	3.50	0.25	C193083	23.2	0.050	C193083	1.92	3.72	0.25	C193083
Total Magnesium (Mg)	mg/L	0.35	0.25	C193083	1.02	0.050	C193083	0.37	0.58	0.25	C193083
Total Potassium (K)	mg/L	0.31	0.25	C193083	1.03	0.050	C193083	0.30	0.41	0.25	C193083
Total Sodium (Na)	mg/L	1.36	0.25	C193083	5.55	0.050	C193083	0.92	1.26	0.25	C193083
Total Sulphur (S)	mg/L	ND	3.0	C193083	4.5	3.0	C193083	ND	ND	3.0	C193083

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

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DYS863			DYS864			DYS864		
Sampling Date		2025/12/16			2025/12/16			2025/12/16		
COC Number		120380			120380			120380		
	UNITS	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
ANIONS										
Bromide (Br)	mg/L	ND	0.010	C195748	ND	0.010	C195748			
Dissolved Metals by ICPMS										
Dissolved Calcium (Ca)	mg/L	3.71	0.050	C193127	ND	0.050	C193127			
Dissolved Magnesium (Mg)	mg/L	0.386	0.050	C193127	ND	0.050	C193127			
Dissolved Potassium (K)	mg/L	0.370	0.050	C193127	ND	0.050	C193127			
Dissolved Sodium (Na)	mg/L	1.15	0.050	C193127	0.142	0.050	C193127			
Dissolved Sulphur (S)	mg/L	ND	3.0	C193127	ND	3.0	C193127			
Lab Filtered Metals										
Dissolved Aluminum (Al)	ug/L	78.3	0.50	C195879	1.17	0.50	C195879	1.18	0.50	C195879
Dissolved Antimony (Sb)	ug/L	ND	0.020	C195879	ND	0.020	C195879	ND	0.020	C195879
Dissolved Arsenic (As)	ug/L	0.084	0.020	C195879	ND	0.020	C195879	ND	0.020	C195879
Dissolved Barium (Ba)	ug/L	5.33	0.020	C195879	ND	0.020	C195879	ND	0.020	C195879
Dissolved Beryllium (Be)	ug/L	ND	0.010	C195879	ND	0.010	C195879	ND	0.010	C195879
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	C195879	ND	0.0050	C195879	ND	0.0050	C195879
Dissolved Boron (B)	ug/L	ND	10	C195879	ND	10	C195879	ND	10	C195879
Dissolved Cadmium (Cd)	ug/L	0.0100	0.0050	C195879	ND	0.0050	C195879	ND	0.0050	C195879
Dissolved Cesium (Cs)	ug/L	ND	0.050	C195879	ND	0.050	C195879	ND	0.050	C195879
Dissolved Chromium (Cr)	ug/L	ND	0.10	C195879	ND	0.10	C195879	ND	0.10	C195879
Dissolved Cobalt (Co)	ug/L	0.0640	0.0050	C195879	ND	0.0050	C195879	ND	0.0050	C195879
Dissolved Copper (Cu)	ug/L	1.13	0.050	C195879	ND	0.050	C195879	ND	0.050	C195879
Dissolved Iron (Fe)	ug/L	50.4	1.0	C195879	ND	1.0	C195879	ND	1.0	C195879
Dissolved Lead (Pb)	ug/L	0.0200	0.0050	C195879	0.0050	0.0050	C195879	ND	0.0050	C195879
Dissolved Lithium (Li)	ug/L	ND	0.50	C195879	ND	0.50	C195879	ND	0.50	C195879
Dissolved Manganese (Mn)	ug/L	5.70	0.050	C195879	ND	0.050	C195879	ND	0.050	C195879
Dissolved Molybdenum (Mo)	ug/L	0.387	0.050	C195879	ND	0.050	C195879	ND	0.050	C195879
Dissolved Nickel (Ni)	ug/L	0.118	0.020	C195879	ND	0.020	C195879	ND	0.020	C195879
Dissolved Phosphorus (P)	ug/L	12.9	2.0	C195879	4.0	2.0	C195879	3.4	2.0	C195879
Dissolved Rubidium (Rb)	ug/L	0.483	0.050	C195879	ND	0.050	C195879	ND	0.050	C195879
Dissolved Selenium (Se)	ug/L	ND	0.040	C195879	ND	0.040	C195879	ND	0.040	C195879
Dissolved Silicon (Si)	ug/L	2790	50	C195879	ND	50	C195879	ND	50	C195879

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

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DYS863			DYS864			DYS864		
Sampling Date		2025/12/16			2025/12/16			2025/12/16		
COC Number		120380			120380			120380		
	UNITS	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
Dissolved Silver (Ag)	ug/L	ND	0.0050	C195879	ND	0.0050	C195879	ND	0.0050	C195879
Dissolved Strontium (Sr)	ug/L	20.7	0.050	C195879	ND	0.050	C195879	ND	0.050	C195879
Dissolved Tellurium (Te)	ug/L	ND	0.020	C195879	ND	0.020	C195879	ND	0.020	C195879
Dissolved Thallium (Tl)	ug/L	0.0020	0.0020	C195879	ND	0.0020	C195879	ND	0.0020	C195879
Dissolved Thorium (Th)	ug/L	0.0080	0.0050	C195879	ND	0.0050	C195879	ND	0.0050	C195879
Dissolved Tin (Sn)	ug/L	ND	0.20	C195879	ND	0.20	C195879	ND	0.20	C195879
Dissolved Titanium (Ti)	ug/L	0.99	0.50	C195879	ND	0.50	C195879	ND	0.50	C195879
Dissolved Uranium (U)	ug/L	0.0300	0.0020	C195879	0.0020	0.0020	C195879	0.0020	0.0020	C195879
Dissolved Vanadium (V)	ug/L	0.62	0.20	C195879	ND	0.20	C195879	ND	0.20	C195879
Dissolved Zinc (Zn)	ug/L	0.92	0.10	C195879	ND	0.10	C195879	ND	0.10	C195879
Dissolved Zirconium (Zr)	ug/L	ND	0.10	C195879	ND	0.10	C195879	ND	0.10	C195879
Total Metals by ICPMS										
Total Aluminum (Al)	ug/L	963	3.0	C195694	ND	0.50	C194544			
Total Antimony (Sb)	ug/L	ND	0.020	C195694	ND	0.020	C194544			
Total Arsenic (As)	ug/L	0.160	0.020	C195694	ND	0.020	C194544			
Total Barium (Ba)	ug/L	15.7	0.050	C195694	ND	0.020	C194544			
Total Beryllium (Be)	ug/L	0.015	0.010	C195694	ND	0.010	C194544			
Total Bismuth (Bi)	ug/L	ND	0.010	C195694	ND	0.0050	C194544			
Total Boron (B)	ug/L	ND	10	C195694	ND	10	C194544			
Total Cadmium (Cd)	ug/L	0.0170	0.0050	C195694	ND	0.0050	C194544			
Total Cesium (Cs)	ug/L	ND	0.050	C195694	ND	0.050	C194544			
Total Chromium (Cr)	ug/L	0.39	0.10	C195694	ND	0.10	C194544			
Total Cobalt (Co)	ug/L	0.443	0.010	C195694	ND	0.0050	C194544			
Total Copper (Cu)	ug/L	3.20	0.10	C195694	ND	0.050	C194544			
Total Iron (Fe)	ug/L	752	5.0	C195694	ND	1.0	C194544			
Total Lead (Pb)	ug/L	0.304	0.020	C195694	ND	0.0050	C194544			
Total Lithium (Li)	ug/L	0.61	0.50	C195694	ND	0.50	C194544			
Total Manganese (Mn)	ug/L	25.2	0.10	C195694	ND	0.050	C194544			
Total Molybdenum (Mo)	ug/L	0.348	0.050	C195694	ND	0.050	C194544			
Total Nickel (Ni)	ug/L	0.50	0.10	C195694	ND	0.020	C194544			
Total Phosphorus (P)	ug/L	74.3	5.0	C195694	ND	2.0	C194544			

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

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DYS863			DYS864			DYS864		
Sampling Date		2025/12/16			2025/12/16			2025/12/16		
COC Number		120380			120380			120380		
	UNITS	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
Total Rubidium (Rb)	ug/L	1.08	0.050	C195694	ND	0.050	C194544			
Total Selenium (Se)	ug/L	ND	0.040	C195694	ND	0.040	C194544			
Total Silicon (Si)	ug/L	3480	50	C195694	ND	50	C194544			
Total Silver (Ag)	ug/L	ND	0.010	C195694	ND	0.0050	C194544			
Total Strontium (Sr)	ug/L	23.2	0.050	C195694	ND	0.050	C194544			
Total Tellurium (Te)	ug/L	ND	0.020	C195694	ND	0.020	C194544			
Total Thallium (Tl)	ug/L	0.0080	0.0020	C195694	ND	0.0020	C194544			
Total Thorium (Th)	ug/L	ND	0.050	C195694	ND	0.050	C194544			
Total Tin (Sn)	ug/L	ND	0.20	C195694	ND	0.20	C194544			
Total Titanium (Ti)	ug/L	38.9	2.0	C195694	ND	0.50	C194544			
Total Uranium (U)	ug/L	0.0600	0.0050	C195694	ND	0.0020	C194544			
Total Vanadium (V)	ug/L	2.08	0.20	C195694	ND	0.20	C194544			
Total Zinc (Zn)	ug/L	3.9	1.0	C195694	ND	0.10	C194544			
Total Zirconium (Zr)	ug/L	0.13	0.10	C195694	ND	0.10	C194544			
Total Calcium (Ca)	mg/L	3.55	0.25	C193083	ND	0.050	C193083			
Total Magnesium (Mg)	mg/L	0.67	0.25	C193083	ND	0.050	C193083			
Total Potassium (K)	mg/L	0.51	0.25	C193083	ND	0.050	C193083			
Total Sodium (Na)	mg/L	1.19	0.25	C193083	ND	0.050	C193083			
Total Sulphur (S)	mg/L	ND	3.0	C193083	ND	3.0	C193083			

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

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DYS865			DYS866		
Sampling Date		2025/12/16			2025/12/16		
COC Number		120380			120380		
	UNITS	Trip Blank	RDL	QC Batch	DUP	RDL	QC Batch
ANIONS							
Bromide (Br)	mg/L	ND	0.010	C195748	ND	0.010	C195748
Dissolved Metals by ICPMS							
Dissolved Calcium (Ca)	mg/L	ND	0.050	C193127	22.7	0.050	C193127
Dissolved Magnesium (Mg)	mg/L	ND	0.050	C193127	0.980	0.050	C193127
Dissolved Potassium (K)	mg/L	ND	0.050	C193127	0.990	0.050	C193127
Dissolved Sodium (Na)	mg/L	ND	0.050	C193127	5.43	0.050	C193127
Dissolved Sulphur (S)	mg/L	ND	3.0	C193127	3.8	3.0	C193127
Lab Filtered Metals							
Dissolved Aluminum (Al)	ug/L	ND	0.50	C195879	63.5	0.50	C195879
Dissolved Antimony (Sb)	ug/L	ND	0.020	C195879	0.143	0.020	C195879
Dissolved Arsenic (As)	ug/L	ND	0.020	C195879	1.24	0.020	C195879
Dissolved Barium (Ba)	ug/L	ND	0.020	C195879	6.08	0.020	C195879
Dissolved Beryllium (Be)	ug/L	ND	0.010	C195879	ND	0.010	C195879
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	C195879	ND	0.0050	C195879
Dissolved Boron (B)	ug/L	ND	10	C195879	11	10	C195879
Dissolved Cadmium (Cd)	ug/L	ND	0.0050	C195879	0.0130	0.0050	C195879
Dissolved Cesium (Cs)	ug/L	ND	0.050	C195879	ND	0.050	C195879
Dissolved Chromium (Cr)	ug/L	ND	0.10	C195879	ND	0.10	C195879
Dissolved Cobalt (Co)	ug/L	ND	0.0050	C195879	0.0530	0.0050	C195879
Dissolved Copper (Cu)	ug/L	ND	0.050	C195879	0.162	0.050	C195879
Dissolved Iron (Fe)	ug/L	ND	1.0	C195879	2.7	1.0	C195879
Dissolved Lead (Pb)	ug/L	ND	0.0050	C195879	ND	0.0050	C195879
Dissolved Lithium (Li)	ug/L	ND	0.50	C195879	3.09	0.50	C195879
Dissolved Manganese (Mn)	ug/L	ND	0.050	C195879	29.4	0.050	C195879
Dissolved Molybdenum (Mo)	ug/L	ND	0.050	C195879	33.1	0.050	C195879
Dissolved Nickel (Ni)	ug/L	ND	0.020	C195879	0.142	0.020	C195879
Dissolved Phosphorus (P)	ug/L	ND	2.0	C195879	2.4	2.0	C195879
Dissolved Rubidium (Rb)	ug/L	ND	0.050	C195879	2.09	0.050	C195879
Dissolved Selenium (Se)	ug/L	ND	0.040	C195879	0.045	0.040	C195879
Dissolved Silicon (Si)	ug/L	ND	50	C195879	6550	50	C195879

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

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DYS865			DYS866		
Sampling Date		2025/12/16			2025/12/16		
COC Number		120380			120380		
	UNITS	Trip Blank	RDL	QC Batch	DUP	RDL	QC Batch
Dissolved Silver (Ag)	ug/L	ND	0.0050	C195879	ND	0.0050	C195879
Dissolved Strontium (Sr)	ug/L	ND	0.050	C195879	44.4	0.050	C195879
Dissolved Tellurium (Te)	ug/L	ND	0.020	C195879	ND	0.020	C195879
Dissolved Thallium (Tl)	ug/L	0.0030	0.0020	C195879	0.0110	0.0020	C195879
Dissolved Thorium (Th)	ug/L	ND	0.0050	C195879	ND	0.0050	C195879
Dissolved Tin (Sn)	ug/L	ND	0.20	C195879	ND	0.20	C195879
Dissolved Titanium (Ti)	ug/L	ND	0.50	C195879	ND	0.50	C195879
Dissolved Uranium (U)	ug/L	ND	0.0020	C195879	0.714	0.0020	C195879
Dissolved Vanadium (V)	ug/L	ND	0.20	C195879	ND	0.20	C195879
Dissolved Zinc (Zn)	ug/L	ND	0.10	C195879	8.80	0.10	C195879
Dissolved Zirconium (Zr)	ug/L	ND	0.10	C195879	ND	0.10	C195879
Total Metals by ICPMS							
Total Aluminum (Al)	ug/L	ND	0.50	C194544	785	3.0	C195694
Total Antimony (Sb)	ug/L	ND	0.020	C194544	0.180	0.020	C195694
Total Arsenic (As)	ug/L	ND	0.020	C194544	1.43	0.020	C195694
Total Barium (Ba)	ug/L	ND	0.020	C194544	7.66	0.050	C195694
Total Beryllium (Be)	ug/L	ND	0.010	C194544	ND	0.010	C195694
Total Bismuth (Bi)	ug/L	ND	0.0050	C194544	ND	0.010	C195694
Total Boron (B)	ug/L	ND	10	C194544	12	10	C195694
Total Cadmium (Cd)	ug/L	ND	0.0050	C194544	0.0170	0.0050	C195694
Total Cesium (Cs)	ug/L	ND	0.050	C194544	0.063	0.050	C195694
Total Chromium (Cr)	ug/L	ND	0.10	C194544	0.13	0.10	C195694
Total Cobalt (Co)	ug/L	ND	0.0050	C194544	0.087	0.010	C195694
Total Copper (Cu)	ug/L	ND	0.050	C194544	1.02	0.10	C195694
Total Iron (Fe)	ug/L	ND	1.0	C194544	304	5.0	C195694
Total Lead (Pb)	ug/L	ND	0.0050	C194544	0.087	0.020	C195694
Total Lithium (Li)	ug/L	ND	0.50	C194544	3.16	0.50	C195694
Total Manganese (Mn)	ug/L	ND	0.050	C194544	33.0	0.10	C195694
Total Molybdenum (Mo)	ug/L	ND	0.050	C194544	31.6	0.050	C195694
Total Nickel (Ni)	ug/L	ND	0.020	C194544	0.17	0.10	C195694
Total Phosphorus (P)	ug/L	ND	2.0	C194544	7.2	5.0	C195694

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

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DYS865			DYS866		
Sampling Date		2025/12/16			2025/12/16		
COC Number		120380			120380		
	UNITS	Trip Blank	RDL	QC Batch	DUP	RDL	QC Batch
Total Rubidium (Rb)	ug/L	ND	0.050	C194544	2.25	0.050	C195694
Total Selenium (Se)	ug/L	ND	0.040	C194544	0.047	0.040	C195694
Total Silicon (Si)	ug/L	ND	50	C194544	6850	50	C195694
Total Silver (Ag)	ug/L	ND	0.0050	C194544	ND	0.010	C195694
Total Strontium (Sr)	ug/L	ND	0.050	C194544	42.6	0.050	C195694
Total Tellurium (Te)	ug/L	ND	0.020	C194544	ND	0.020	C195694
Total Thallium (Tl)	ug/L	ND	0.0020	C194544	0.0130	0.0020	C195694
Total Thorium (Th)	ug/L	ND	0.050	C194544	ND	0.050	C195694
Total Tin (Sn)	ug/L	ND	0.20	C194544	ND	0.20	C195694
Total Titanium (Ti)	ug/L	ND	0.50	C194544	6.8	2.0	C195694
Total Uranium (U)	ug/L	ND	0.0020	C194544	1.54	0.0050	C195694
Total Vanadium (V)	ug/L	ND	0.20	C194544	ND	0.20	C195694
Total Zinc (Zn)	ug/L	ND	0.10	C194544	11.5	1.0	C195694
Total Zirconium (Zr)	ug/L	ND	0.10	C194544	ND	0.10	C195694
Total Calcium (Ca)	mg/L	ND	0.050	C193083	21.9	0.25	C193083
Total Magnesium (Mg)	mg/L	ND	0.050	C193083	1.01	0.25	C193083
Total Potassium (K)	mg/L	ND	0.050	C193083	1.01	0.25	C193083
Total Sodium (Na)	mg/L	ND	0.050	C193083	5.19	0.25	C193083
Total Sulphur (S)	mg/L	ND	3.0	C193083	3.7	3.0	C193083

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

MISCELLANEOUS (WATER)

Bureau Veritas ID		DYS859	DYS860	DYS861	DYS862	DYS863	DYS866		
Sampling Date		2025/12/16	2025/12/16	2025/12/16	2025/12/16	2025/12/16	2025/12/16		
COC Number		120380	120380	120380	120380	120380	120380		
	UNITS	WLNG-DS	WLNG -EOP	WLNG-US	SQRI-US	SQRI-DS	DUP	RDL	QC Batch
Calculated Parameters									
Total Un-ionized Hydrogen Sulfide as S	mg/L	ND	ND	ND	ND	ND	ND	0.0018	C193416
Total Un-ionized Hydrogen Sulfide as H2S	mg/L	ND	ND	ND	ND	ND	ND	0.0019	C193416

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

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

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

Bureau Veritas ID		DYS860	DYS866		
Sampling Date		2025/12/16	2025/12/16		
COC Number		120380	120380		
	UNITS	WLNG -EOP	DUP	RDL	QC Batch
Calculated Parameters					
Low Molecular Weight PAH`s	ug/L	ND	ND	0.10	C193135
High Molecular Weight PAH`s	ug/L	ND	ND	0.050	C193135
Total PAH	ug/L	ND	ND	0.10	C193135
Polycyclic Aromatics					
Quinoline	ug/L	ND	ND	0.020	C195826
Naphthalene	ug/L	ND	ND	0.10	C195826
1-Methylnaphthalene	ug/L	ND	ND	0.050	C195826
2-Methylnaphthalene	ug/L	ND	ND	0.10	C195826
Acenaphthylene	ug/L	ND	ND	0.050	C195826
Acenaphthene	ug/L	ND	ND	0.050	C195826
Fluorene	ug/L	ND	ND	0.050	C195826
Phenanthrene	ug/L	ND	ND	0.050	C195826
Anthracene	ug/L	ND	ND	0.010	C195826
Acridine	ug/L	ND	ND	0.050	C195826
Fluoranthene	ug/L	ND	ND	0.020	C195826
Pyrene	ug/L	ND	ND	0.020	C195826
Benzo(a)anthracene	ug/L	ND	ND	0.010	C195826
Chrysene	ug/L	ND	ND	0.020	C195826
Benzo(b&j)fluoranthene	ug/L	ND	ND	0.030	C195826
Benzo(k)fluoranthene	ug/L	ND	ND	0.050	C195826
Benzo(a)pyrene	ug/L	ND	ND	0.0050	C195826
Indeno(1,2,3-cd)pyrene	ug/L	ND	ND	0.050	C195826
Dibenz(a,h)anthracene	ug/L	ND	ND	0.0030	C195826
Benzo(g,h,i)perylene	ug/L	ND	ND	0.050	C195826
Calculated Parameters					
LEPH (C10-C19 less PAH)	mg/L	ND	ND	0.20	C193139
HEPH (C19-C32 less PAH)	mg/L	ND	ND	0.20	C193139
Ext. Pet. Hydrocarbon					
EPH (C10-C19)	mg/L	ND	ND	0.20	C195828
EPH (C19-C32)	mg/L	ND	ND	0.20	C195828

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

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

Bureau Veritas ID		DYS860	DYS866		
Sampling Date		2025/12/16	2025/12/16		
COC Number		120380	120380		
	UNITS	WLNG -EOP	DUP	RDL	QC Batch
Surrogate Recovery (%)					
O-TERPHENYL (sur.)	%	102	102		C195828
D10-ANTHRACENE (sur.)	%	89	87		C195826
D8-ACENAPHTHYLENE (sur.)	%	85	82		C195826
D8-NAPHTHALENE (sur.)	%	58	55		C195826
TERPHENYL-D14 (sur.)	%	88	86		C195826
RDL = Reportable Detection Limit					

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CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DYS860	DYS866		
Sampling Date		2025/12/16	2025/12/16		
COC Number		120380	120380		
	UNITS	WLNG -EOP	DUP	RDL	QC Batch
Calculated Parameters					
VPH (VH6 to 10 - BTEX)	ug/L	ND	ND	300	C193140
Volatiles					
VH C6-C10	ug/L	ND	ND	300	C194125
1,1,1,2-tetrachloroethane	ug/L	ND	ND	0.50	C194125
1,1,1-trichloroethane	ug/L	ND	ND	0.50	C194125
1,1,2,2-tetrachloroethane	ug/L	ND	ND	0.50	C194125
1,1,2Trichloro-1,2,2Trifluoroethane	ug/L	ND	ND	2.0	C194125
1,1,2-trichloroethane	ug/L	ND	ND	0.50	C194125
1,1-dichloroethane	ug/L	ND	ND	0.50	C194125
1,1-dichloroethene	ug/L	ND	ND	0.50	C194125
1,2,3-trichlorobenzene	ug/L	ND	ND	2.0	C194125
1,2,4-trichlorobenzene	ug/L	ND	ND	2.0	C194125
1,2-dibromoethane	ug/L	ND	ND	0.20	C194125
1,2-dichlorobenzene	ug/L	ND	ND	0.50	C194125
1,2-dichloroethane	ug/L	ND	ND	0.50	C194125
1,2-dichloropropane	ug/L	ND	ND	0.50	C194125
1,3,5-trimethylbenzene	ug/L	ND	ND	2.0	C194125
1,3-Butadiene	ug/L	ND	ND	0.50	C194125
1,3-dichlorobenzene	ug/L	ND	ND	0.50	C194125
1,3-dichloropropane	ug/L	ND	ND	1.0	C194125
1,4-dichlorobenzene	ug/L	ND	ND	0.50	C194125
Benzene	ug/L	ND	ND	0.40	C194125
Bromobenzene	ug/L	ND	ND	2.0	C194125
Bromodichloromethane	ug/L	ND	ND	1.0	C194125
Bromoform	ug/L	ND	ND	1.0	C194125
Bromomethane	ug/L	ND	ND	1.0	C194125
Carbon tetrachloride	ug/L	ND	ND	0.50	C194125
Chlorobenzene	ug/L	ND	ND	0.50	C194125
Dibromochloromethane	ug/L	ND	ND	1.0	C194125
Chloroethane	ug/L	ND	ND	1.0	C194125
Chloroform	ug/L	ND	ND	1.0	C194125

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

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CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DYS860	DYS866		
Sampling Date		2025/12/16	2025/12/16		
COC Number		120380	120380		
	UNITS	WLNG -EOP	DUP	RDL	QC Batch
Chloromethane	ug/L	ND	ND	1.0	C194125
cis-1,2-dichloroethene	ug/L	ND	ND	1.0	C194125
cis-1,3-dichloropropene	ug/L	ND	ND	1.0	C194125
Dichlorodifluoromethane	ug/L	ND	ND	2.0	C194125
Dichloromethane	ug/L	ND	ND	2.0	C194125
Ethylbenzene	ug/L	ND	ND	0.40	C194125
Hexachlorobutadiene	ug/L	ND	ND	0.50	C194125
Isopropylbenzene	ug/L	ND	ND	2.0	C194125
Methyl-tert-butylether (MTBE)	ug/L	ND	ND	4.0	C194125
Styrene	ug/L	ND	ND	0.50	C194125
Tetrachloroethene	ug/L	ND	ND	0.50	C194125
Toluene	ug/L	ND	ND	0.40	C194125
trans-1,2-dichloroethene	ug/L	ND	ND	1.0	C194125
trans-1,3-dichloropropene	ug/L	ND	ND	1.0	C194125
Trichloroethene	ug/L	ND	ND	0.50	C194125
Trichlorofluoromethane	ug/L	ND	ND	4.0	C194125
Vinyl chloride	ug/L	ND	ND	0.50	C194125
m & p-Xylene	ug/L	ND	ND	0.40	C194125
o-Xylene	ug/L	ND	ND	0.40	C194125
Xylenes (Total)	ug/L	ND	ND	0.40	C194125
Surrogate Recovery (%)					
1,4-Difluorobenzene (sur.)	%	104	104		C194125
4-Bromofluorobenzene (sur.)	%	95	82		C194125
D4-1,2-Dichloroethane (sur.)	%	94	99		C194125

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.

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

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C193778	TSO	Matrix Spike [DYS861-12]	Total Suspended Solids	2025/12/19		88	%	80 - 120
C193778	TSO	Spiked Blank	Total Suspended Solids	2025/12/19		101	%	80 - 120
C193778	TSO	Method Blank	Total Suspended Solids	2025/12/19	ND, RDL=1.0		mg/L	
C193778	TSO	RPD [DYS860-15]	Total Suspended Solids	2025/12/19	NC		%	20
C193782	TSO	Matrix Spike [DYS865-13]	Total Suspended Solids	2025/12/19		98	%	80 - 120
C193782	TSO	Spiked Blank	Total Suspended Solids	2025/12/19		100	%	80 - 120
C193782	TSO	Method Blank	Total Suspended Solids	2025/12/19	ND, RDL=1.0		mg/L	
C193782	TSO	RPD [DYS864-12]	Total Suspended Solids	2025/12/19	NC		%	20
C193795	TSO	Matrix Spike	Total Suspended Solids	2025/12/19		102	%	80 - 120
C193795	TSO	Spiked Blank	Total Suspended Solids	2025/12/19		104	%	80 - 120
C193795	TSO	Method Blank	Total Suspended Solids	2025/12/19	ND, RDL=1.0		mg/L	
C193795	TSO	RPD	Total Suspended Solids	2025/12/19	NC		%	20
C193834	BB3	Matrix Spike [DYS866-11]	Total Nitrogen (N)	2025/12/18		95	%	80 - 120
C193834	BB3	Spiked Blank	Total Nitrogen (N)	2025/12/18		95	%	80 - 120
C193834	BB3	Method Blank	Total Nitrogen (N)	2025/12/18	ND, RDL=0.020		mg/L	
C193834	BB3	RPD [DYS866-11]	Total Nitrogen (N)	2025/12/18	6.2		%	20
C193839	C2L	Matrix Spike	Total Mercury (Hg)	2025/12/18		106	%	80 - 120
C193839	C2L	Spiked Blank	Total Mercury (Hg)	2025/12/18		106	%	80 - 120
C193839	C2L	Method Blank	Total Mercury (Hg)	2025/12/18	ND, RDL=0.0019		ug/L	
C193839	C2L	RPD	Total Mercury (Hg)	2025/12/18	NC		%	20
C193858	C2L	Matrix Spike	Dissolved Mercury (Hg)	2025/12/18		103	%	80 - 120
C193858	C2L	Spiked Blank	Dissolved Mercury (Hg)	2025/12/18		99	%	80 - 120
C193858	C2L	Method Blank	Dissolved Mercury (Hg)	2025/12/18	ND, RDL=0.0019		ug/L	
C193858	C2L	RPD	Dissolved Mercury (Hg)	2025/12/18	NC		%	20
C193920	CBK	Matrix Spike	Chloride (Cl)	2025/12/18		108	%	80 - 120
			Sulphate (SO4)	2025/12/18		105	%	80 - 120
C193920	CBK	Spiked Blank	Chloride (Cl)	2025/12/18		98	%	80 - 120
			Sulphate (SO4)	2025/12/18		93	%	80 - 120
C193920	CBK	Method Blank	Chloride (Cl)	2025/12/18	ND, RDL=1.0		mg/L	
			Sulphate (SO4)	2025/12/18	ND, RDL=1.0		mg/L	
C193920	CBK	RPD	Chloride (Cl)	2025/12/18	0.76		%	20
			Sulphate (SO4)	2025/12/18	1.8		%	20
C193933	VMP	Matrix Spike	Total Dissolved Solids	2025/12/19		99	%	80 - 120
C193933	VMP	Spiked Blank	Total Dissolved Solids	2025/12/19		96	%	80 - 120
C193933	VMP	Method Blank	Total Dissolved Solids	2025/12/19	ND, RDL=10		mg/L	
C193933	VMP	RPD	Total Dissolved Solids	2025/12/19	NC		%	20
C193974	C2L	Matrix Spike	Total Mercury (Hg)	2025/12/18		NC	%	80 - 120
C193974	C2L	Spiked Blank	Total Mercury (Hg)	2025/12/18		98	%	80 - 120
C193974	C2L	Method Blank	Total Mercury (Hg)	2025/12/18	ND, RDL=0.0019		ug/L	
C193974	C2L	RPD	Total Mercury (Hg)	2025/12/18	7.3		%	20
C194010	JLP	Spiked Blank	Alkalinity (Total as CaCO3)	2025/12/18		94	%	80 - 120
C194010	JLP	Method Blank	Alkalinity (PP as CaCO3)	2025/12/18	ND, RDL=1.0		mg/L	

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Alkalinity (Total as CaCO3)	2025/12/18	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/12/18	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/12/18	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/12/18	ND, RDL=1.0		mg/L	
C194010	JLP	RPD	Alkalinity (PP as CaCO3)	2025/12/18	NC		%	20
			Alkalinity (Total as CaCO3)	2025/12/18	0.51		%	20
			Bicarbonate (HCO3)	2025/12/18	0.51		%	20
			Carbonate (CO3)	2025/12/18	NC		%	20
			Hydroxide (OH)	2025/12/18	NC		%	20
C194017	JLP	Spiked Blank	pH	2025/12/18		100	%	97 - 103
C194017	JLP	RPD	pH	2025/12/18	0.77		%	N/A
C194088	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/12/19		105	%	80 - 120
C194088	CJY	Method Blank	Dissolved Fluoride (F)	2025/12/19	ND, RDL=0.050		mg/L	
C194125	DWL	Matrix Spike	1,4-Difluorobenzene (sur.)	2025/12/18		98	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/12/18		110	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/12/18		95	%	50 - 140
			1,1,1,2-tetrachloroethane	2025/12/18		94	%	50 - 140
			1,1,1-trichloroethane	2025/12/18		106	%	50 - 140
			1,1,2,2-tetrachloroethane	2025/12/18		82	%	50 - 140
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/12/18		84	%	50 - 140
			1,1,2-trichloroethane	2025/12/18		86	%	50 - 140
			1,1-dichloroethane	2025/12/18		99	%	50 - 140
			1,1-dichloroethene	2025/12/18		96	%	50 - 140
			1,2,3-trichlorobenzene	2025/12/18		79	%	50 - 140
			1,2,4-trichlorobenzene	2025/12/18		88	%	50 - 140
			1,2-dibromoethane	2025/12/18		89	%	50 - 140
			1,2-dichlorobenzene	2025/12/18		104	%	50 - 140
			1,2-dichloroethane	2025/12/18		95	%	50 - 140
			1,2-dichloropropane	2025/12/18		90	%	50 - 140
			1,3,5-trimethylbenzene	2025/12/18		99	%	50 - 140
			1,3-dichlorobenzene	2025/12/18		102	%	50 - 140
			1,3-dichloropropane	2025/12/18		94	%	50 - 140
			1,4-dichlorobenzene	2025/12/18		92	%	50 - 140
			Benzene	2025/12/18		92	%	50 - 140
			Bromobenzene	2025/12/18		94	%	50 - 140
			Bromodichloromethane	2025/12/18		92	%	50 - 140
			Bromoform	2025/12/18		87	%	50 - 140
			Bromomethane	2025/12/18		68	%	50 - 140
			Carbon tetrachloride	2025/12/18		105	%	50 - 140
			Chlorobenzene	2025/12/18		94	%	50 - 140
			Dibromochloromethane	2025/12/18		90	%	50 - 140
			Chloroethane	2025/12/18		75	%	50 - 140
			Chloroform	2025/12/18		93	%	50 - 140
			cis-1,2-dichloroethene	2025/12/18		89	%	50 - 140
			cis-1,3-dichloropropene	2025/12/18		111	%	50 - 140
			Dichlorodifluoromethane	2025/12/18		94	%	50 - 140
			Dichloromethane	2025/12/18		74	%	50 - 140
			Ethylbenzene	2025/12/18		91	%	50 - 140

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Hexachlorobutadiene	2025/12/18		95	%	50 - 140
			Isopropylbenzene	2025/12/18		84	%	50 - 140
			Methyl-tert-butylether (MTBE)	2025/12/18		87	%	50 - 140
			Styrene	2025/12/18		74	%	50 - 140
			Tetrachloroethene	2025/12/18		90	%	50 - 140
			Toluene	2025/12/18		77	%	50 - 140
			trans-1,2-dichloroethene	2025/12/18		96	%	50 - 140
			trans-1,3-dichloropropene	2025/12/18		93	%	50 - 140
			Trichloroethene	2025/12/18		86	%	50 - 140
			Trichlorofluoromethane	2025/12/18		90	%	50 - 140
			m & p-Xylene	2025/12/18		98	%	50 - 140
			o-Xylene	2025/12/18		91	%	50 - 140
C194125	DWL	Spiked Blank	1,4-Difluorobenzene (sur.)	2025/12/18		97	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/12/18		108	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/12/18		95	%	50 - 140
			VH C6-C10	2025/12/18		111	%	70 - 130
			1,1,1,2-tetrachloroethane	2025/12/18		84	%	60 - 130
			1,1,1-trichloroethane	2025/12/18		93	%	60 - 130
			1,1,2,2-tetrachloroethane	2025/12/18		84	%	60 - 130
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/12/18		85	%	60 - 130
			1,1,2-trichloroethane	2025/12/18		84	%	60 - 130
			1,1-dichloroethane	2025/12/18		95	%	60 - 130
			1,1-dichloroethene	2025/12/18		99	%	60 - 130
			1,2,3-trichlorobenzene	2025/12/18		82	%	60 - 130
			1,2,4-trichlorobenzene	2025/12/18		90	%	60 - 130
			1,2-dibromoethane	2025/12/18		82	%	60 - 130
			1,2-dichlorobenzene	2025/12/18		96	%	60 - 130
			1,2-dichloroethane	2025/12/18		84	%	60 - 130
			1,2-dichloropropane	2025/12/18		88	%	60 - 130
			1,3,5-trimethylbenzene	2025/12/18		95	%	60 - 130
			1,3-Butadiene	2025/12/18		74	%	50 - 140
			1,3-dichlorobenzene	2025/12/18		95	%	60 - 130
			1,3-dichloropropane	2025/12/18		87	%	60 - 130
			1,4-dichlorobenzene	2025/12/18		87	%	60 - 130
			Benzene	2025/12/18		90	%	60 - 130
			Bromobenzene	2025/12/18		96	%	60 - 130
			Bromodichloromethane	2025/12/18		83	%	60 - 130
			Bromoform	2025/12/18		81	%	60 - 130
			Bromomethane	2025/12/18		75	%	50 - 140
			Carbon tetrachloride	2025/12/18		90	%	60 - 130
			Chlorobenzene	2025/12/18		88	%	60 - 130
			Dibromochloromethane	2025/12/18		80	%	60 - 130
			Chloroethane	2025/12/18		81	%	50 - 140
			Chloroform	2025/12/18		86	%	60 - 130
			Chloromethane	2025/12/18		72	%	50 - 140
			cis-1,2-dichloroethene	2025/12/18		87	%	60 - 130
			cis-1,3-dichloropropene	2025/12/18		94	%	50 - 140
			Dichlorodifluoromethane	2025/12/18		106	%	50 - 140
			Dichloromethane	2025/12/18		74	%	60 - 130
			Ethylbenzene	2025/12/18		83	%	60 - 130
			Hexachlorobutadiene	2025/12/18		99	%	60 - 130
			Isopropylbenzene	2025/12/18		88	%	60 - 130
			Methyl-tert-butylether (MTBE)	2025/12/18		79	%	60 - 130

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Styrene	2025/12/18		81	%	60 - 130
			Tetrachloroethene	2025/12/18		86	%	60 - 130
			Toluene	2025/12/18		74	%	60 - 130
			trans-1,2-dichloroethene	2025/12/18		96	%	60 - 130
			trans-1,3-dichloropropene	2025/12/18		74	%	50 - 140
			Trichloroethene	2025/12/18		86	%	60 - 130
			Trichlorofluoromethane	2025/12/18		83	%	60 - 130
			Vinyl chloride	2025/12/18		84	%	50 - 140
			m & p-Xylene	2025/12/18		91	%	60 - 130
			o-Xylene	2025/12/18		85	%	60 - 130
C194125	DWL	Method Blank	1,4-Difluorobenzene (sur.)	2025/12/18		101	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/12/18		116	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/12/18		96	%	50 - 140
			VH C6-C10	2025/12/18	ND, RDL=300		ug/L	
			1,1,1,2-tetrachloroethane	2025/12/18	ND, RDL=0.50		ug/L	
			1,1,1-trichloroethane	2025/12/18	ND, RDL=0.50		ug/L	
			1,1,2,2-tetrachloroethane	2025/12/18	ND, RDL=0.50		ug/L	
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/12/18	ND, RDL=2.0		ug/L	
			1,1,2-trichloroethane	2025/12/18	ND, RDL=0.50		ug/L	
			1,1-dichloroethane	2025/12/18	ND, RDL=0.50		ug/L	
			1,1-dichloroethene	2025/12/18	ND, RDL=0.50		ug/L	
			1,2,3-trichlorobenzene	2025/12/18	ND, RDL=2.0		ug/L	
			1,2,4-trichlorobenzene	2025/12/18	ND, RDL=2.0		ug/L	
			1,2-dibromoethane	2025/12/18	ND, RDL=0.20		ug/L	
			1,2-dichlorobenzene	2025/12/18	ND, RDL=0.50		ug/L	
			1,2-dichloroethane	2025/12/18	ND, RDL=0.50		ug/L	
			1,2-dichloropropane	2025/12/18	ND, RDL=0.50		ug/L	
			1,3,5-trimethylbenzene	2025/12/18	ND, RDL=2.0		ug/L	
			1,3-Butadiene	2025/12/18	ND, RDL=0.50		ug/L	
			1,3-dichlorobenzene	2025/12/18	ND, RDL=0.50		ug/L	
			1,3-dichloropropane	2025/12/18	ND, RDL=1.0		ug/L	
			1,4-dichlorobenzene	2025/12/18	ND, RDL=0.50		ug/L	
			Benzene	2025/12/18	ND, RDL=0.40		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
			Bromobenzene	2025/12/18	ND, RDL=2.0		ug/L	
			Bromodichloromethane	2025/12/18	ND, RDL=1.0		ug/L	
			Bromoform	2025/12/18	ND, RDL=1.0		ug/L	
			Bromomethane	2025/12/18	ND, RDL=1.0		ug/L	
			Carbon tetrachloride	2025/12/18	ND, RDL=0.50		ug/L	
			Chlorobenzene	2025/12/18	ND, RDL=0.50		ug/L	
			Dibromochloromethane	2025/12/18	ND, RDL=1.0		ug/L	
			Chloroethane	2025/12/18	ND, RDL=1.0		ug/L	
			Chloroform	2025/12/18	ND, RDL=1.0		ug/L	
			Chloromethane	2025/12/18	ND, RDL=1.0		ug/L	
			cis-1,2-dichloroethene	2025/12/18	ND, RDL=1.0		ug/L	
			cis-1,3-dichloropropene	2025/12/18	ND, RDL=1.0		ug/L	
			Dichlorodifluoromethane	2025/12/18	ND, RDL=2.0		ug/L	
			Dichloromethane	2025/12/18	ND, RDL=2.0		ug/L	
			Ethylbenzene	2025/12/18	ND, RDL=0.40		ug/L	
			Hexachlorobutadiene	2025/12/18	ND, RDL=0.50		ug/L	
			Isopropylbenzene	2025/12/18	ND, RDL=2.0		ug/L	
			Methyl-tert-butylether (MTBE)	2025/12/18	ND, RDL=4.0		ug/L	
			Styrene	2025/12/18	ND, RDL=0.50		ug/L	
			Tetrachloroethene	2025/12/18	ND, RDL=0.50		ug/L	
			Toluene	2025/12/18	ND, RDL=0.40		ug/L	
			trans-1,2-dichloroethene	2025/12/18	ND, RDL=1.0		ug/L	
			trans-1,3-dichloropropene	2025/12/18	ND, RDL=1.0		ug/L	
			Trichloroethene	2025/12/18	ND, RDL=0.50		ug/L	
			Trichlorofluoromethane	2025/12/18	ND, RDL=4.0		ug/L	
			Vinyl chloride	2025/12/18	ND, RDL=0.50		ug/L	
			m & p-Xylene	2025/12/18	ND, RDL=0.40		ug/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			o-Xylene	2025/12/18	ND, RDL=0.40		ug/L	
			Xylenes (Total)	2025/12/18	ND, RDL=0.40		ug/L	
C194125	DWL	RPD	Bromodichloromethane	2025/12/19	1.3		%	30
			Bromoform	2025/12/19	NC		%	30
			Dibromochloromethane	2025/12/19	NC		%	30
			Chloroform	2025/12/19	1.7		%	30
C194164	JGL	Matrix Spike	Nitrate plus Nitrite (N)	2025/12/18		NC	%	80 - 120
C194164	JGL	Spiked Blank	Nitrate plus Nitrite (N)	2025/12/18		111	%	80 - 120
C194164	JGL	Method Blank	Nitrate plus Nitrite (N)	2025/12/18	ND, RDL=0.020		mg/L	
C194164	JGL	RPD	Nitrate plus Nitrite (N)	2025/12/18	0.061		%	25
C194166	JGL	Matrix Spike	Nitrite (N)	2025/12/18		106	%	80 - 120
C194166	JGL	Spiked Blank	Nitrite (N)	2025/12/18		99	%	80 - 120
C194166	JGL	Method Blank	Nitrite (N)	2025/12/18	ND, RDL=0.0050		mg/L	
C194166	JGL	RPD	Nitrite (N)	2025/12/18	1.7		%	20
C194229	BB3	Matrix Spike [DYS866-02]	Total Hex. Chromium (Cr 6+)	2025/12/18		90	%	80 - 120
C194229	BB3	Spiked Blank	Total Hex. Chromium (Cr 6+)	2025/12/18		103	%	80 - 120
C194229	BB3	Method Blank	Total Hex. Chromium (Cr 6+)	2025/12/18	ND, RDL=0.00099		mg/L	
C194229	BB3	RPD [DYS866-02]	Total Hex. Chromium (Cr 6+)	2025/12/18	NC		%	20
C194231	KA5	Matrix Spike	Total Phosphorus (P)	2025/12/19		115	%	N/A
C194231	KA5	Spiked Blank	Total Phosphorus (P)	2025/12/19		112	%	80 - 120
C194231	KA5	Method Blank	Total Phosphorus (P)	2025/12/19	ND, RDL=0.0010		mg/L	
C194231	KA5	RPD	Total Phosphorus (P)	2025/12/19	NC		%	20
C194245	JLP	Spiked Blank	Alkalinity (Total as CaCO3)	2025/12/18		92	%	80 - 120
C194245	JLP	Method Blank	Alkalinity (PP as CaCO3)	2025/12/18	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/12/18	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/12/18	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/12/18	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/12/18	ND, RDL=1.0		mg/L	
C194245	JLP	RPD	Alkalinity (PP as CaCO3)	2025/12/18	NC		%	20
			Alkalinity (Total as CaCO3)	2025/12/18	0.63		%	20
			Bicarbonate (HCO3)	2025/12/18	0.63		%	20
			Carbonate (CO3)	2025/12/18	NC		%	20
			Hydroxide (OH)	2025/12/18	NC		%	20
C194249	JLP	Spiked Blank	pH	2025/12/18		100	%	97 - 103
C194249	JLP	RPD	pH	2025/12/18	0.43		%	N/A
C194251	KA5	Matrix Spike [DYS864-10]	Total Phosphorus (P)	2025/12/19		116	%	N/A
C194251	KA5	Spiked Blank	Total Phosphorus (P)	2025/12/19		110	%	80 - 120
C194251	KA5	Method Blank	Total Phosphorus (P)	2025/12/19	0.0019, RDL=0.0010		mg/L	
C194251	KA5	RPD [DYS864-10]	Total Phosphorus (P)	2025/12/19	NC		%	20
C194284	BB3	Matrix Spike	Total Ammonia (N)	2025/12/19		100	%	80 - 120
C194284	BB3	Spiked Blank	Total Ammonia (N)	2025/12/19		108	%	80 - 120

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C194284	BB3	Method Blank	Total Ammonia (N)	2025/12/19	ND, RDL=0.015		mg/L	
C194284	BB3	RPD	Total Ammonia (N)	2025/12/19	NC		%	20
C194544	SOM	Matrix Spike	Total Aluminum (Al)	2025/12/19		98	%	80 - 120
			Total Antimony (Sb)	2025/12/19		98	%	80 - 120
			Total Arsenic (As)	2025/12/19		107	%	80 - 120
			Total Barium (Ba)	2025/12/19		100	%	80 - 120
			Total Beryllium (Be)	2025/12/19		93	%	80 - 120
			Total Bismuth (Bi)	2025/12/19		99	%	80 - 120
			Total Boron (B)	2025/12/19		96	%	80 - 120
			Total Cadmium (Cd)	2025/12/19		101	%	80 - 120
			Total Cesium (Cs)	2025/12/19		93	%	80 - 120
			Total Chromium (Cr)	2025/12/19		101	%	80 - 120
			Total Cobalt (Co)	2025/12/19		96	%	80 - 120
			Total Copper (Cu)	2025/12/19		96	%	80 - 120
			Total Iron (Fe)	2025/12/19		105	%	80 - 120
			Total Lead (Pb)	2025/12/19		102	%	80 - 120
			Total Lithium (Li)	2025/12/19		87	%	80 - 120
			Total Manganese (Mn)	2025/12/19		99	%	80 - 120
			Total Molybdenum (Mo)	2025/12/19		108	%	80 - 120
			Total Nickel (Ni)	2025/12/19		97	%	80 - 120
			Total Phosphorus (P)	2025/12/19		99	%	80 - 120
			Total Rubidium (Rb)	2025/12/19		89	%	80 - 120
			Total Selenium (Se)	2025/12/19		105	%	80 - 120
			Total Silicon (Si)	2025/12/19		96	%	80 - 120
			Total Silver (Ag)	2025/12/19		99	%	80 - 120
			Total Strontium (Sr)	2025/12/19		107	%	80 - 120
			Total Tellurium (Te)	2025/12/19		115	%	80 - 120
			Total Thallium (Tl)	2025/12/19		100	%	80 - 120
			Total Thorium (Th)	2025/12/19		96	%	80 - 120
			Total Tin (Sn)	2025/12/19		99	%	80 - 120
			Total Titanium (Ti)	2025/12/19		102	%	80 - 120
			Total Uranium (U)	2025/12/19		104	%	80 - 120
			Total Vanadium (V)	2025/12/19		99	%	80 - 120
			Total Zinc (Zn)	2025/12/19		99	%	80 - 120
			Total Zirconium (Zr)	2025/12/19		107	%	80 - 120
C194544	SOM	Spiked Blank	Total Aluminum (Al)	2025/12/19		100	%	80 - 120
			Total Antimony (Sb)	2025/12/19		103	%	80 - 120
			Total Arsenic (As)	2025/12/19		108	%	80 - 120
			Total Barium (Ba)	2025/12/19		103	%	80 - 120
			Total Beryllium (Be)	2025/12/19		93	%	80 - 120
			Total Bismuth (Bi)	2025/12/19		100	%	80 - 120
			Total Boron (B)	2025/12/19		94	%	80 - 120
			Total Cadmium (Cd)	2025/12/19		103	%	80 - 120
			Total Cesium (Cs)	2025/12/19		96	%	80 - 120
			Total Chromium (Cr)	2025/12/19		102	%	80 - 120
			Total Cobalt (Co)	2025/12/19		96	%	80 - 120
			Total Copper (Cu)	2025/12/19		96	%	80 - 120
			Total Iron (Fe)	2025/12/19		105	%	80 - 120
			Total Lead (Pb)	2025/12/19		101	%	80 - 120
			Total Lithium (Li)	2025/12/19		91	%	80 - 120
			Total Manganese (Mn)	2025/12/19		100	%	80 - 120
			Total Molybdenum (Mo)	2025/12/19		107	%	80 - 120

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Nickel (Ni)	2025/12/19		98	%	80 - 120
			Total Phosphorus (P)	2025/12/19		101	%	80 - 120
			Total Rubidium (Rb)	2025/12/19		92	%	80 - 120
			Total Selenium (Se)	2025/12/19		104	%	80 - 120
			Total Silicon (Si)	2025/12/19		99	%	80 - 120
			Total Silver (Ag)	2025/12/19		100	%	80 - 120
			Total Strontium (Sr)	2025/12/19		107	%	80 - 120
			Total Tellurium (Te)	2025/12/19		105	%	80 - 120
			Total Thallium (Tl)	2025/12/19		100	%	80 - 120
			Total Thorium (Th)	2025/12/19		96	%	80 - 120
			Total Tin (Sn)	2025/12/19		101	%	80 - 120
			Total Titanium (Ti)	2025/12/19		103	%	80 - 120
			Total Uranium (U)	2025/12/19		105	%	80 - 120
			Total Vanadium (V)	2025/12/19		100	%	80 - 120
			Total Zinc (Zn)	2025/12/19		102	%	80 - 120
			Total Zirconium (Zr)	2025/12/19		106	%	80 - 120
C194544	SOM	Method Blank	Total Aluminum (Al)	2025/12/19	ND, RDL=0.50		ug/L	
			Total Antimony (Sb)	2025/12/19	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/12/19	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/12/19	ND, RDL=0.020		ug/L	
			Total Beryllium (Be)	2025/12/19	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/12/19	ND, RDL=0.0050		ug/L	
			Total Boron (B)	2025/12/19	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/12/19	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/12/19	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/12/19	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/12/19	ND, RDL=0.0050		ug/L	
			Total Copper (Cu)	2025/12/19	ND, RDL=0.050		ug/L	
			Total Iron (Fe)	2025/12/19	ND, RDL=1.0		ug/L	
			Total Lead (Pb)	2025/12/19	ND, RDL=0.0050		ug/L	
			Total Lithium (Li)	2025/12/19	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/12/19	ND, RDL=0.050		ug/L	
			Total Molybdenum (Mo)	2025/12/19	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/12/19	ND, RDL=0.020		ug/L	
			Total Phosphorus (P)	2025/12/19	ND, RDL=2.0		ug/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Rubidium (Rb)	2025/12/19	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/12/19	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/12/19	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/12/19	ND, RDL=0.0050		ug/L	
			Total Strontium (Sr)	2025/12/19	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/12/19	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/12/19	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/12/19	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/12/19	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/12/19	ND, RDL=0.50		ug/L	
			Total Uranium (U)	2025/12/19	ND, RDL=0.0020		ug/L	
			Total Vanadium (V)	2025/12/19	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/12/19	ND, RDL=0.10		ug/L	
			Total Zirconium (Zr)	2025/12/19	ND, RDL=0.10		ug/L	
C194544	SOM	RPD	Total Aluminum (Al)	2025/12/19	12		%	20
			Total Antimony (Sb)	2025/12/19	11		%	20
			Total Arsenic (As)	2025/12/19	6.9		%	20
			Total Barium (Ba)	2025/12/19	1.1		%	20
			Total Beryllium (Be)	2025/12/19	NC		%	20
			Total Bismuth (Bi)	2025/12/19	NC		%	20
			Total Boron (B)	2025/12/19	8.0		%	20
			Total Cadmium (Cd)	2025/12/19	15		%	20
			Total Chromium (Cr)	2025/12/19	11		%	20
			Total Cobalt (Co)	2025/12/19	1.2		%	20
			Total Copper (Cu)	2025/12/19	3.1		%	20
			Total Iron (Fe)	2025/12/19	4.0		%	20
			Total Lead (Pb)	2025/12/19	2.1		%	20
			Total Lithium (Li)	2025/12/19	8.4		%	20
			Total Manganese (Mn)	2025/12/19	2.4		%	20
			Total Molybdenum (Mo)	2025/12/19	3.0		%	20
			Total Nickel (Ni)	2025/12/19	0.41		%	20
			Total Phosphorus (P)	2025/12/19	5.1		%	20
			Total Selenium (Se)	2025/12/19	1.5		%	20
			Total Silicon (Si)	2025/12/19	2.0		%	20
			Total Silver (Ag)	2025/12/19	NC		%	20
			Total Strontium (Sr)	2025/12/19	5.3		%	20
			Total Thallium (Tl)	2025/12/19	6.6		%	20
			Total Tin (Sn)	2025/12/19	NC		%	20
			Total Titanium (Ti)	2025/12/19	2.5		%	20

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Uranium (U)	2025/12/19	3.3		%	20
			Total Vanadium (V)	2025/12/19	NC		%	20
			Total Zinc (Zn)	2025/12/19	1.1		%	20
			Total Zirconium (Zr)	2025/12/19	NC		%	20
C194716	TSO	Matrix Spike	Total Suspended Solids	2025/12/21		101	%	80 - 120
C194716	TSO	Spiked Blank	Total Suspended Solids	2025/12/21		102	%	80 - 120
C194716	TSO	Method Blank	Total Suspended Solids	2025/12/21	ND, RDL=1.0		mg/L	
C194716	TSO	RPD	Total Suspended Solids	2025/12/21	NC		%	20
C195583	AAX	Matrix Spike	Methyl Sulfone (sur.)	2025/12/22		95	%	50 - 140
			Ethylene Glycol	2025/12/22		89	%	60 - 140
			Diethylene Glycol	2025/12/22		110	%	60 - 140
			Triethylene Glycol	2025/12/22		92	%	60 - 140
			Propylene Glycol	2025/12/22		96	%	60 - 140
C195583	AAX	Spiked Blank	Methyl Sulfone (sur.)	2025/12/22		89	%	50 - 140
			Ethylene Glycol	2025/12/22		83	%	70 - 130
			Diethylene Glycol	2025/12/22		100	%	70 - 130
			Triethylene Glycol	2025/12/22		89	%	70 - 130
			Propylene Glycol	2025/12/22		88	%	70 - 130
C195583	AAX	Method Blank	Methyl Sulfone (sur.)	2025/12/22		95	%	50 - 140
			Ethylene Glycol	2025/12/22	ND, RDL=3.0		mg/L	
			Diethylene Glycol	2025/12/22	ND, RDL=5.0		mg/L	
			Triethylene Glycol	2025/12/22	ND, RDL=5.0		mg/L	
			Propylene Glycol	2025/12/22	ND, RDL=5.0		mg/L	
C195583	AAX	RPD	Ethylene Glycol	2025/12/22	NC		%	30
			Diethylene Glycol	2025/12/22	NC		%	30
			Triethylene Glycol	2025/12/22	NC		%	30
			Propylene Glycol	2025/12/22	NC		%	30
C195694	MEM	Matrix Spike	Total Aluminum (Al)	2025/12/22		103	%	80 - 120
			Total Antimony (Sb)	2025/12/22		105	%	80 - 120
			Total Arsenic (As)	2025/12/22		108	%	80 - 120
			Total Barium (Ba)	2025/12/22		102	%	80 - 120
			Total Beryllium (Be)	2025/12/22		107	%	80 - 120
			Total Bismuth (Bi)	2025/12/22		98	%	80 - 120
			Total Boron (B)	2025/12/22		110	%	80 - 120
			Total Cadmium (Cd)	2025/12/22		105	%	80 - 120
			Total Cesium (Cs)	2025/12/22		94	%	80 - 120
			Total Chromium (Cr)	2025/12/22		101	%	80 - 120
			Total Cobalt (Co)	2025/12/22		99	%	80 - 120
			Total Copper (Cu)	2025/12/22		95	%	80 - 120
			Total Iron (Fe)	2025/12/22		NC	%	80 - 120
			Total Lead (Pb)	2025/12/22		101	%	80 - 120
			Total Lithium (Li)	2025/12/22		104	%	80 - 120
			Total Manganese (Mn)	2025/12/22		NC	%	80 - 120
			Total Molybdenum (Mo)	2025/12/22		106	%	80 - 120
			Total Nickel (Ni)	2025/12/22		101	%	80 - 120
			Total Phosphorus (P)	2025/12/22		106	%	80 - 120
			Total Rubidium (Rb)	2025/12/22		NC	%	80 - 120
			Total Selenium (Se)	2025/12/22		107	%	80 - 120

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Silicon (Si)	2025/12/22		98	%	80 - 120
			Total Silver (Ag)	2025/12/22		103	%	80 - 120
			Total Strontium (Sr)	2025/12/22		NC	%	80 - 120
			Total Tellurium (Te)	2025/12/22		106	%	80 - 120
			Total Thallium (Tl)	2025/12/22		102	%	80 - 120
			Total Thorium (Th)	2025/12/22		109	%	80 - 120
			Total Tin (Sn)	2025/12/22		105	%	80 - 120
			Total Titanium (Ti)	2025/12/22		107	%	80 - 120
			Total Uranium (U)	2025/12/22		112	%	80 - 120
			Total Vanadium (V)	2025/12/22		102	%	80 - 120
			Total Zinc (Zn)	2025/12/22		100	%	80 - 120
			Total Zirconium (Zr)	2025/12/22		108	%	80 - 120
C195694	MEM	Spiked Blank	Total Aluminum (Al)	2025/12/22		107	%	80 - 120
			Total Antimony (Sb)	2025/12/22		106	%	80 - 120
			Total Arsenic (As)	2025/12/22		107	%	80 - 120
			Total Barium (Ba)	2025/12/22		106	%	80 - 120
			Total Beryllium (Be)	2025/12/22		106	%	80 - 120
			Total Bismuth (Bi)	2025/12/22		99	%	80 - 120
			Total Boron (B)	2025/12/22		108	%	80 - 120
			Total Cadmium (Cd)	2025/12/22		105	%	80 - 120
			Total Cesium (Cs)	2025/12/22		95	%	80 - 120
			Total Chromium (Cr)	2025/12/22		103	%	80 - 120
			Total Cobalt (Co)	2025/12/22		106	%	80 - 120
			Total Copper (Cu)	2025/12/22		101	%	80 - 120
			Total Iron (Fe)	2025/12/22		106	%	80 - 120
			Total Lead (Pb)	2025/12/22		100	%	80 - 120
			Total Lithium (Li)	2025/12/22		107	%	80 - 120
			Total Manganese (Mn)	2025/12/22		101	%	80 - 120
			Total Molybdenum (Mo)	2025/12/22		105	%	80 - 120
			Total Nickel (Ni)	2025/12/22		104	%	80 - 120
			Total Phosphorus (P)	2025/12/22		111	%	80 - 120
			Total Rubidium (Rb)	2025/12/22		99	%	80 - 120
			Total Selenium (Se)	2025/12/22		104	%	80 - 120
			Total Silicon (Si)	2025/12/22		103	%	80 - 120
			Total Silver (Ag)	2025/12/22		103	%	80 - 120
			Total Strontium (Sr)	2025/12/22		99	%	80 - 120
			Total Tellurium (Te)	2025/12/22		110	%	80 - 120
			Total Thallium (Tl)	2025/12/22		100	%	80 - 120
			Total Thorium (Th)	2025/12/22		105	%	80 - 120
			Total Tin (Sn)	2025/12/22		108	%	80 - 120
			Total Titanium (Ti)	2025/12/22		109	%	80 - 120
			Total Uranium (U)	2025/12/22		106	%	80 - 120
			Total Vanadium (V)	2025/12/22		102	%	80 - 120
			Total Zinc (Zn)	2025/12/22		105	%	80 - 120
			Total Zirconium (Zr)	2025/12/22		105	%	80 - 120
C195694	MEM	Method Blank	Total Aluminum (Al)	2025/12/22	ND, RDL=3.0		ug/L	
			Total Antimony (Sb)	2025/12/22	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/12/22	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/12/22	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 Beryllium (Be)	2025/12/22	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/12/22	ND, RDL=0.010		ug/L	
			Total Boron (B)	2025/12/22	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/12/22	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/12/22	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/12/22	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/12/22	ND, RDL=0.010		ug/L	
			Total Copper (Cu)	2025/12/22	ND, RDL=0.10		ug/L	
			Total Iron (Fe)	2025/12/22	ND, RDL=5.0		ug/L	
			Total Lead (Pb)	2025/12/22	ND, RDL=0.020		ug/L	
			Total Lithium (Li)	2025/12/22	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/12/22	ND, RDL=0.10		ug/L	
			Total Molybdenum (Mo)	2025/12/22	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/12/22	ND, RDL=0.10		ug/L	
			Total Phosphorus (P)	2025/12/22	ND, RDL=5.0		ug/L	
			Total Rubidium (Rb)	2025/12/22	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/12/22	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/12/22	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/12/22	ND, RDL=0.010		ug/L	
			Total Strontium (Sr)	2025/12/22	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/12/22	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/12/22	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/12/22	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/12/22	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/12/22	ND, RDL=2.0		ug/L	
			Total Uranium (U)	2025/12/22	ND, RDL=0.0050		ug/L	
			Total Vanadium (V)	2025/12/22	ND, RDL=0.20		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 Zinc (Zn)	2025/12/22	ND, RDL=1.0		ug/L	
			Total Zirconium (Zr)	2025/12/22	ND, RDL=0.10		ug/L	
C195694	MEM	RPD	Total Aluminum (Al)	2025/12/22	9.2		%	20
			Total Antimony (Sb)	2025/12/22	4.9		%	20
			Total Arsenic (As)	2025/12/22	0		%	20
			Total Barium (Ba)	2025/12/22	7.4		%	20
			Total Beryllium (Be)	2025/12/22	NC		%	20
			Total Bismuth (Bi)	2025/12/22	NC		%	20
			Total Boron (B)	2025/12/22	NC		%	20
			Total Cadmium (Cd)	2025/12/22	0		%	20
			Total Cesium (Cs)	2025/12/22	NC		%	20
			Total Chromium (Cr)	2025/12/22	NC		%	20
			Total Cobalt (Co)	2025/12/22	11		%	20
			Total Copper (Cu)	2025/12/22	5.5		%	20
			Total Iron (Fe)	2025/12/22	3.0		%	20
			Total Lead (Pb)	2025/12/22	13		%	20
			Total Lithium (Li)	2025/12/22	NC		%	20
			Total Manganese (Mn)	2025/12/22	7.7		%	20
			Total Molybdenum (Mo)	2025/12/22	13		%	20
			Total Nickel (Ni)	2025/12/22	110 (1)		%	20
			Total Phosphorus (P)	2025/12/22	NC		%	20
			Total Rubidium (Rb)	2025/12/22	4.2		%	20
			Total Selenium (Se)	2025/12/22	NC		%	20
			Total Silicon (Si)	2025/12/22	4.4		%	20
			Total Silver (Ag)	2025/12/22	NC		%	20
			Total Strontium (Sr)	2025/12/22	8.4		%	20
			Total Tellurium (Te)	2025/12/22	NC		%	20
			Total Thallium (Tl)	2025/12/22	NC		%	20
			Total Thorium (Th)	2025/12/22	NC		%	20
			Total Tin (Sn)	2025/12/22	NC		%	20
			Total Titanium (Ti)	2025/12/22	NC		%	20
			Total Uranium (U)	2025/12/22	11		%	20
			Total Vanadium (V)	2025/12/22	NC		%	20
			Total Zinc (Zn)	2025/12/22	9.5		%	20
			Total Zirconium (Zr)	2025/12/22	NC		%	20
C195748	SOM	Matrix Spike	Bromide (Br)	2025/12/22		110	%	78 - 120
C195748	SOM	Spiked Blank	Bromide (Br)	2025/12/22		100	%	80 - 120
C195748	SOM	Method Blank	Bromide (Br)	2025/12/22	ND, RDL=0.010		mg/L	
C195748	SOM	RPD	Bromide (Br)	2025/12/22	0.35		%	20
C195826	JP1	Matrix Spike	D10-ANTHRACENE (sur.)	2025/12/22		93	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/12/22		91	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/12/22		77	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/12/22		91	%	50 - 140
			Quinoline	2025/12/22		103	%	50 - 140
			Naphthalene	2025/12/22		80	%	50 - 140
			1-Methylnaphthalene	2025/12/22		86	%	50 - 140
			2-Methylnaphthalene	2025/12/22		83	%	50 - 140
			Acenaphthylene	2025/12/22		88	%	50 - 140
			Acenaphthene	2025/12/22		85	%	50 - 140
			Fluorene	2025/12/22		84	%	50 - 140

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Phenanthrene	2025/12/22		80	%	50 - 140
			Anthracene	2025/12/22		86	%	50 - 140
			Acridine	2025/12/22		88	%	50 - 140
			Fluoranthene	2025/12/22		84	%	50 - 140
			Pyrene	2025/12/22		82	%	50 - 140
			Benzo(a)anthracene	2025/12/22		84	%	50 - 140
			Chrysene	2025/12/22		87	%	50 - 140
			Benzo(b&j)fluoranthene	2025/12/22		85	%	50 - 140
			Benzo(k)fluoranthene	2025/12/22		91	%	50 - 140
			Benzo(a)pyrene	2025/12/22		83	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/12/22		86	%	50 - 140
			Dibenz(a,h)anthracene	2025/12/22		86	%	50 - 140
			Benzo(g,h,i)perylene	2025/12/22		88	%	50 - 140
C195826	JP1	Spiked Blank	D10-ANTHRACENE (sur.)	2025/12/22		93	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/12/22		92	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/12/22		83	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/12/22		90	%	50 - 140
			Quinoline	2025/12/22		103	%	50 - 140
			Naphthalene	2025/12/22		83	%	50 - 140
			1-Methylnaphthalene	2025/12/22		86	%	50 - 140
			2-Methylnaphthalene	2025/12/22		83	%	50 - 140
			Acenaphthylene	2025/12/22		87	%	50 - 140
			Acenaphthene	2025/12/22		86	%	50 - 140
			Fluorene	2025/12/22		84	%	50 - 140
			Phenanthrene	2025/12/22		81	%	50 - 140
			Anthracene	2025/12/22		86	%	50 - 140
			Acridine	2025/12/22		87	%	50 - 140
			Fluoranthene	2025/12/22		83	%	50 - 140
			Pyrene	2025/12/22		81	%	50 - 140
			Benzo(a)anthracene	2025/12/22		83	%	50 - 140
			Chrysene	2025/12/22		87	%	50 - 140
			Benzo(b&j)fluoranthene	2025/12/22		85	%	50 - 140
			Benzo(k)fluoranthene	2025/12/22		92	%	50 - 140
			Benzo(a)pyrene	2025/12/22		82	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/12/22		86	%	50 - 140
			Dibenz(a,h)anthracene	2025/12/22		86	%	50 - 140
			Benzo(g,h,i)perylene	2025/12/22		89	%	50 - 140
C195826	JP1	Method Blank	D10-ANTHRACENE (sur.)	2025/12/22		95	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/12/22		93	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/12/22		80	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/12/22		94	%	50 - 140
			Quinoline	2025/12/22	ND, RDL=0.020		ug/L	
			Naphthalene	2025/12/22	ND, RDL=0.10		ug/L	
			1-Methylnaphthalene	2025/12/22	ND, RDL=0.050		ug/L	
			2-Methylnaphthalene	2025/12/22	ND, RDL=0.10		ug/L	
			Acenaphthylene	2025/12/22	ND, RDL=0.050		ug/L	
			Acenaphthene	2025/12/22	ND, RDL=0.050		ug/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Fluorene	2025/12/22	ND, RDL=0.050		ug/L	
			Phenanthrene	2025/12/22	ND, RDL=0.050		ug/L	
			Anthracene	2025/12/22	ND, RDL=0.010		ug/L	
			Acridine	2025/12/22	ND, RDL=0.050		ug/L	
			Fluoranthene	2025/12/22	ND, RDL=0.020		ug/L	
			Pyrene	2025/12/22	ND, RDL=0.020		ug/L	
			Benzo(a)anthracene	2025/12/22	ND, RDL=0.010		ug/L	
			Chrysene	2025/12/22	ND, RDL=0.020		ug/L	
			Benzo(b&j)fluoranthene	2025/12/22	ND, RDL=0.030		ug/L	
			Benzo(k)fluoranthene	2025/12/22	ND, RDL=0.050		ug/L	
			Benzo(a)pyrene	2025/12/22	ND, RDL=0.0050		ug/L	
			Indeno(1,2,3-cd)pyrene	2025/12/22	ND, RDL=0.050		ug/L	
			Dibenz(a,h)anthracene	2025/12/22	ND, RDL=0.0030		ug/L	
			Benzo(g,h,i)perylene	2025/12/22	ND, RDL=0.050		ug/L	
C195826	JP1	RPD	Quinoline	2025/12/23	NC		%	40
			Naphthalene	2025/12/23	NC		%	40
			1-Methylnaphthalene	2025/12/23	NC		%	40
			2-Methylnaphthalene	2025/12/23	NC		%	40
			Acenaphthylene	2025/12/23	NC		%	40
			Acenaphthene	2025/12/23	NC		%	40
			Fluorene	2025/12/23	NC		%	40
			Phenanthrene	2025/12/23	NC		%	40
			Anthracene	2025/12/23	NC		%	40
			Acridine	2025/12/23	NC		%	40
			Fluoranthene	2025/12/23	NC		%	40
			Pyrene	2025/12/23	NC		%	40
			Benzo(a)anthracene	2025/12/23	NC		%	40
			Chrysene	2025/12/23	NC		%	40
			Benzo(b&j)fluoranthene	2025/12/23	NC		%	40
			Benzo(k)fluoranthene	2025/12/23	NC		%	40
			Benzo(a)pyrene	2025/12/23	NC		%	40
			Indeno(1,2,3-cd)pyrene	2025/12/23	NC		%	40
			Dibenz(a,h)anthracene	2025/12/23	NC		%	40
			Benzo(g,h,i)perylene	2025/12/23	NC		%	40
C195828	IT1	Spiked Blank	O-TERPHENYL (sur.)	2025/12/22		114	%	60 - 140
			EPH (C10-C19)	2025/12/22		121	%	70 - 130
			EPH (C19-C32)	2025/12/22		138 (2)	%	70 - 130
C195828	IT1	Method Blank	O-TERPHENYL (sur.)	2025/12/22		102	%	60 - 140
			EPH (C10-C19)	2025/12/22	ND, RDL=0.20		mg/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			EPH (C19-C32)	2025/12/22	ND, RDL=0.20		mg/L	
C195828	IT1	RPD	EPH (C10-C19)	2025/12/22	NC		%	30
			EPH (C19-C32)	2025/12/22	NC		%	30
			EPH (C10-C19)	2025/12/22	NC		%	30
			EPH (C19-C32)	2025/12/22	NC		%	30
C195879	MEM	Matrix Spike	Dissolved Aluminum (Al)	2025/12/23		97	%	80 - 120
			Dissolved Antimony (Sb)	2025/12/23		105	%	80 - 120
			Dissolved Arsenic (As)	2025/12/23		102	%	80 - 120
			Dissolved Barium (Ba)	2025/12/23		101	%	80 - 120
			Dissolved Beryllium (Be)	2025/12/23		103	%	80 - 120
			Dissolved Bismuth (Bi)	2025/12/23		97	%	80 - 120
			Dissolved Boron (B)	2025/12/23		105	%	80 - 120
			Dissolved Cadmium (Cd)	2025/12/23		104	%	80 - 120
			Dissolved Cesium (Cs)	2025/12/23		92	%	80 - 120
			Dissolved Chromium (Cr)	2025/12/23		97	%	80 - 120
			Dissolved Cobalt (Co)	2025/12/23		101	%	80 - 120
			Dissolved Copper (Cu)	2025/12/23		95	%	80 - 120
			Dissolved Iron (Fe)	2025/12/23		99	%	80 - 120
			Dissolved Lead (Pb)	2025/12/23		98	%	80 - 120
			Dissolved Lithium (Li)	2025/12/23		100	%	80 - 120
			Dissolved Manganese (Mn)	2025/12/23		94	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/12/23		104	%	80 - 120
			Dissolved Nickel (Ni)	2025/12/23		99	%	80 - 120
			Dissolved Phosphorus (P)	2025/12/23		98	%	80 - 120
			Dissolved Rubidium (Rb)	2025/12/23		NC	%	80 - 120
			Dissolved Selenium (Se)	2025/12/23		99	%	80 - 120
			Dissolved Silicon (Si)	2025/12/23		96	%	80 - 120
			Dissolved Silver (Ag)	2025/12/23		101	%	80 - 120
			Dissolved Strontium (Sr)	2025/12/23		99	%	80 - 120
			Dissolved Tellurium (Te)	2025/12/23		109	%	80 - 120
			Dissolved Thallium (Tl)	2025/12/23		98	%	80 - 120
			Dissolved Thorium (Th)	2025/12/23		101	%	80 - 120
			Dissolved Tin (Sn)	2025/12/23		102	%	80 - 120
			Dissolved Titanium (Ti)	2025/12/23		104	%	80 - 120
			Dissolved Uranium (U)	2025/12/23		100	%	80 - 120
			Dissolved Vanadium (V)	2025/12/23		101	%	80 - 120
			Dissolved Zinc (Zn)	2025/12/23		99	%	80 - 120
			Dissolved Zirconium (Zr)	2025/12/23		105	%	80 - 120
C195879	MEM	Spiked Blank	Dissolved Aluminum (Al)	2025/12/23		97	%	80 - 120
			Dissolved Antimony (Sb)	2025/12/23		102	%	80 - 120
			Dissolved Arsenic (As)	2025/12/23		102	%	80 - 120
			Dissolved Barium (Ba)	2025/12/23		103	%	80 - 120
			Dissolved Beryllium (Be)	2025/12/23		104	%	80 - 120
			Dissolved Bismuth (Bi)	2025/12/23		98	%	80 - 120
			Dissolved Boron (B)	2025/12/23		105	%	80 - 120
			Dissolved Cadmium (Cd)	2025/12/23		103	%	80 - 120
			Dissolved Cesium (Cs)	2025/12/23		93	%	80 - 120
			Dissolved Chromium (Cr)	2025/12/23		97	%	80 - 120
			Dissolved Cobalt (Co)	2025/12/23		98	%	80 - 120
			Dissolved Copper (Cu)	2025/12/23		97	%	80 - 120
			Dissolved Iron (Fe)	2025/12/23		103	%	80 - 120
			Dissolved Lead (Pb)	2025/12/23		99	%	80 - 120

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Lithium (Li)	2025/12/23		101	%	80 - 120
			Dissolved Manganese (Mn)	2025/12/23		96	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/12/23		103	%	80 - 120
			Dissolved Nickel (Ni)	2025/12/23		100	%	80 - 120
			Dissolved Phosphorus (P)	2025/12/23		99	%	80 - 120
			Dissolved Rubidium (Rb)	2025/12/23		95	%	80 - 120
			Dissolved Selenium (Se)	2025/12/23		101	%	80 - 120
			Dissolved Silicon (Si)	2025/12/23		101	%	80 - 120
			Dissolved Silver (Ag)	2025/12/23		100	%	80 - 120
			Dissolved Strontium (Sr)	2025/12/23		99	%	80 - 120
			Dissolved Tellurium (Te)	2025/12/23		109	%	80 - 120
			Dissolved Thallium (Tl)	2025/12/23		98	%	80 - 120
			Dissolved Thorium (Th)	2025/12/23		101	%	80 - 120
			Dissolved Tin (Sn)	2025/12/23		102	%	80 - 120
			Dissolved Titanium (Ti)	2025/12/23		102	%	80 - 120
			Dissolved Uranium (U)	2025/12/23		102	%	80 - 120
			Dissolved Vanadium (V)	2025/12/23		99	%	80 - 120
			Dissolved Zinc (Zn)	2025/12/23		99	%	80 - 120
			Dissolved Zirconium (Zr)	2025/12/23		104	%	80 - 120
C195879	MEM	Method Blank	Dissolved Aluminum (Al)	2025/12/23	ND, RDL=0.50		ug/L	
			Dissolved Antimony (Sb)	2025/12/23	ND, RDL=0.020		ug/L	
			Dissolved Arsenic (As)	2025/12/23	ND, RDL=0.020		ug/L	
			Dissolved Barium (Ba)	2025/12/23	ND, RDL=0.020		ug/L	
			Dissolved Beryllium (Be)	2025/12/23	ND, RDL=0.010		ug/L	
			Dissolved Bismuth (Bi)	2025/12/23	ND, RDL=0.0050		ug/L	
			Dissolved Boron (B)	2025/12/23	ND, RDL=10		ug/L	
			Dissolved Cadmium (Cd)	2025/12/23	ND, RDL=0.0050		ug/L	
			Dissolved Cesium (Cs)	2025/12/23	ND, RDL=0.050		ug/L	
			Dissolved Chromium (Cr)	2025/12/23	ND, RDL=0.10		ug/L	
			Dissolved Cobalt (Co)	2025/12/23	ND, RDL=0.0050		ug/L	
			Dissolved Copper (Cu)	2025/12/23	ND, RDL=0.050		ug/L	
			Dissolved Iron (Fe)	2025/12/23	ND, RDL=1.0		ug/L	
			Dissolved Lead (Pb)	2025/12/23	ND, RDL=0.0050		ug/L	
			Dissolved Lithium (Li)	2025/12/23	ND, RDL=0.50		ug/L	
			Dissolved Manganese (Mn)	2025/12/23	ND, RDL=0.050		ug/L	
			Dissolved Molybdenum (Mo)	2025/12/23	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
			Dissolved Nickel (Ni)	2025/12/23	ND, RDL=0.020		ug/L	
			Dissolved Phosphorus (P)	2025/12/23	ND, RDL=2.0		ug/L	
			Dissolved Rubidium (Rb)	2025/12/23	ND, RDL=0.050		ug/L	
			Dissolved Selenium (Se)	2025/12/23	ND, RDL=0.040		ug/L	
			Dissolved Silicon (Si)	2025/12/23	ND, RDL=50		ug/L	
			Dissolved Silver (Ag)	2025/12/23	ND, RDL=0.0050		ug/L	
			Dissolved Strontium (Sr)	2025/12/23	ND, RDL=0.050		ug/L	
			Dissolved Tellurium (Te)	2025/12/23	ND, RDL=0.020		ug/L	
			Dissolved Thallium (Tl)	2025/12/23	ND, RDL=0.0020		ug/L	
			Dissolved Thorium (Th)	2025/12/23	ND, RDL=0.0050		ug/L	
			Dissolved Tin (Sn)	2025/12/23	ND, RDL=0.20		ug/L	
			Dissolved Titanium (Ti)	2025/12/23	ND, RDL=0.50		ug/L	
			Dissolved Uranium (U)	2025/12/23	0.0020, RDL=0.0020 (3)		ug/L	
			Dissolved Vanadium (V)	2025/12/23	ND, RDL=0.20		ug/L	
			Dissolved Zinc (Zn)	2025/12/23	ND, RDL=0.10		ug/L	
			Dissolved Zirconium (Zr)	2025/12/23	ND, RDL=0.10		ug/L	
C195879	MEM	RPD	Dissolved Aluminum (Al)	2025/12/23	2.8		%	20
			Dissolved Antimony (Sb)	2025/12/23	3.0		%	20
			Dissolved Arsenic (As)	2025/12/23	1.2		%	20
			Dissolved Barium (Ba)	2025/12/23	1.8		%	20
			Dissolved Beryllium (Be)	2025/12/23	NC		%	20
			Dissolved Bismuth (Bi)	2025/12/23	NC		%	20
			Dissolved Boron (B)	2025/12/23	1.9		%	20
			Dissolved Cadmium (Cd)	2025/12/23	0		%	20
			Dissolved Chromium (Cr)	2025/12/23	3.0		%	20
			Dissolved Cobalt (Co)	2025/12/23	0		%	20
			Dissolved Copper (Cu)	2025/12/23	0.12		%	20
			Dissolved Iron (Fe)	2025/12/23	3.0		%	20
			Dissolved Lead (Pb)	2025/12/23	2.0		%	20
			Dissolved Lithium (Li)	2025/12/23	NC		%	20
			Dissolved Manganese (Mn)	2025/12/23	0.79		%	20
			Dissolved Molybdenum (Mo)	2025/12/23	0.70		%	20
			Dissolved Nickel (Ni)	2025/12/23	0		%	20
			Dissolved Phosphorus (P)	2025/12/23	14		%	20
			Dissolved Selenium (Se)	2025/12/23	9.4		%	20
			Dissolved Silicon (Si)	2025/12/23	4.8		%	20
			Dissolved Silver (Ag)	2025/12/23	NC		%	20
			Dissolved Strontium (Sr)	2025/12/23	1.3		%	20

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Thallium (Tl)	2025/12/23	0		%	20
			Dissolved Tin (Sn)	2025/12/23	NC		%	20
			Dissolved Titanium (Ti)	2025/12/23	NC		%	20
			Dissolved Uranium (U)	2025/12/23	1.3		%	20
			Dissolved Vanadium (V)	2025/12/23	1.3		%	20
			Dissolved Zinc (Zn)	2025/12/23	1.5		%	20
			Dissolved Zirconium (Zr)	2025/12/23	NC		%	20
C195879	MEM	RPD [DYS864-08]	Dissolved Aluminum (Al)	2025/12/23	0.77		%	20
			Dissolved Antimony (Sb)	2025/12/23	NC		%	20
			Dissolved Arsenic (As)	2025/12/23	NC		%	20
			Dissolved Barium (Ba)	2025/12/23	NC		%	20
			Dissolved Beryllium (Be)	2025/12/23	NC		%	20
			Dissolved Bismuth (Bi)	2025/12/23	NC		%	20
			Dissolved Boron (B)	2025/12/23	NC		%	20
			Dissolved Cadmium (Cd)	2025/12/23	NC		%	20
			Dissolved Cesium (Cs)	2025/12/23	NC		%	20
			Dissolved Chromium (Cr)	2025/12/23	NC		%	20
			Dissolved Cobalt (Co)	2025/12/23	NC		%	20
			Dissolved Copper (Cu)	2025/12/23	NC		%	20
			Dissolved Iron (Fe)	2025/12/23	NC		%	20
			Dissolved Lead (Pb)	2025/12/23	0		%	20
			Dissolved Lithium (Li)	2025/12/23	NC		%	20
			Dissolved Manganese (Mn)	2025/12/23	NC		%	20
			Dissolved Molybdenum (Mo)	2025/12/23	NC		%	20
			Dissolved Nickel (Ni)	2025/12/23	NC		%	20
			Dissolved Phosphorus (P)	2025/12/23	14		%	20
			Dissolved Rubidium (Rb)	2025/12/23	NC		%	20
			Dissolved Selenium (Se)	2025/12/23	NC		%	20
			Dissolved Silicon (Si)	2025/12/23	NC		%	20
			Dissolved Silver (Ag)	2025/12/23	NC		%	20
			Dissolved Strontium (Sr)	2025/12/23	NC		%	20
			Dissolved Tellurium (Te)	2025/12/23	NC		%	20
			Dissolved Thallium (Tl)	2025/12/23	NC		%	20
			Dissolved Thorium (Th)	2025/12/23	NC		%	20
			Dissolved Tin (Sn)	2025/12/23	NC		%	20
			Dissolved Titanium (Ti)	2025/12/23	NC		%	20
			Dissolved Uranium (U)	2025/12/23	0		%	20
			Dissolved Vanadium (V)	2025/12/23	NC		%	20
			Dissolved Zinc (Zn)	2025/12/23	NC		%	20
			Dissolved Zirconium (Zr)	2025/12/23	NC		%	20
C195906	MDO	Matrix Spike	Phenols	2025/12/22		105	%	80 - 120
C195906	MDO	Spiked Blank	Phenols	2025/12/22		100	%	80 - 120
C195906	MDO	Method Blank	Phenols	2025/12/22	ND, RDL=0.0015		mg/L	
C195906	MDO	RPD	Phenols	2025/12/22	NC		%	20
C196014	NJD	Matrix Spike [DYS865-04]	Total Sulphide	2025/12/22		102	%	80 - 120
C196014	NJD	Spiked Blank	Total Sulphide	2025/12/22		96	%	80 - 120
C196014	NJD	Method Blank	Total Sulphide	2025/12/22	ND, RDL=0.0018		mg/L	
C196014	NJD	RPD [DYS860-05]	Total Sulphide	2025/12/22	NC		%	20
C196542	CBK	Matrix Spike	Total Organic Carbon (C)	2025/12/23		100	%	80 - 120
C196542	CBK	Spiked Blank	Total Organic Carbon (C)	2025/12/23		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
C196542	CBK	Method Blank	Total Organic Carbon (C)	2025/12/23	ND, RDL=0.50		mg/L	
C196542	CBK	RPD	Total Organic Carbon (C)	2025/12/23	NC		%	20
C196698	CBK	Matrix Spike	Dissolved Organic Carbon (C)	2025/12/23		95	%	80 - 120
C196698	CBK	Spiked Blank	Dissolved Organic Carbon (C)	2025/12/23		102	%	80 - 120
C196698	CBK	Method Blank	Dissolved Organic Carbon (C)	2025/12/23	ND, RDL=0.50		mg/L	
C196698	CBK	RPD	Dissolved Organic Carbon (C)	2025/12/23	NC		%	20

N/A = Not Applicable

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

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

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

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

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

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

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

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

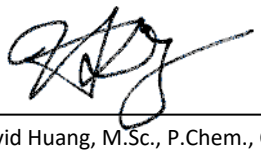
(2) Spike recovery exceeds acceptance criteria (high recovery). Sample results potentially bias high.

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

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

VALIDATION SIGNATURE PAGE

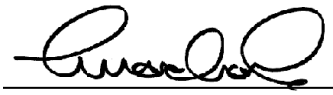
The analytical data and all QC contained in this report were reviewed and validated by:



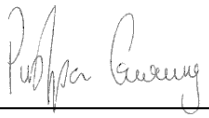
David Huang, M.Sc., P.Chem., QP, Scientific Services Manager

Ghayasuddin Khan, M.Sc., P.Chem., QP, Scientific Specialist, Inorganics

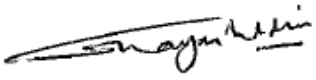
Kimberly Tamaki, Scientist, Ecotoxicology



Levi Manchak, Project Manager SR



Pushpa Gurung, Laboratory Supervisor



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

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

C5A1341
2025/12/16 17:00

Custody Tracking Form

8 / 1 SAMPLES : WLNG-DS-D Dup

COC Number: W120380

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

Relinquished By			Received By		
JACKSON MACPHERSON		Date: 16-12-2025	Emmanuel Salida		Date: 2025/12/16
		Time (24 HR): 16:57			Time (24 HR): 17:00
		Date:			Date:
		Time (24 HR):			Time (24 HR):
		Date:			Date:
		Time (24 HR):			Time (24 HR):

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

Sampled By (Print): JACKSON M

# of Coolers/Pkgs: 1

Rush ☐ Immediate Test ☐ Food Residue ☐

Micro ☐ Food Chemistry ☐

Received At:

Lab Comments:

Labeled By:

Verified By:

BURNABY-2025-12-1293

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

Drinking Water Metals Preservation Check Guide (Circle): YES NO

COR FCD-00340/5 PAGE 1 of 1

C5A1341
2025/12/16 17:00

ADDITIONAL COOLER TEMPERATURE RECORD

CHAIN-OF-CUSTODY RECORD

COOLER OBSERVATIONS: Hatfield

BV RECEIPT#:

	CUSTODY SEAL	YES	NO	COOLER ID			
1	PRESENT			TEMP	9	8	9
	INTACT				1	2	3
	ICE PRESENT						
2	PRESENT			TEMP	8	9	9
	INTACT				1	2	3
	ICE PRESENT						
3	PRESENT			TEMP	6	8	6
	INTACT				1	2	3
	ICE PRESENT						
4	PRESENT			TEMP	10	9	9
	INTACT				1	2	3
	ICE PRESENT						
5	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						
6	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						
7	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						
8	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						
9	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						
10	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						

	CUSTODY SEAL	YES	NO	COOLER ID			
11	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						
12	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						
13	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						
14	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						
15	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						
16	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						
17	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						
18	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						
19	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						
20	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						

	CUSTODY SEAL	YES	NO	COOLER ID			
21	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						
22	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						
23	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						
24	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						
25	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						
26	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						
27	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						
28	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						
29	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						
30	PRESENT			TEMP			
	INTACT				1	2	3
	ICE PRESENT						

RECEIVED BY (SIGN & PRINT)		DATE (YYYY/MM/DD)	TIME (HH:MM)
Emmanuel	EV	2025/12/16	17:00

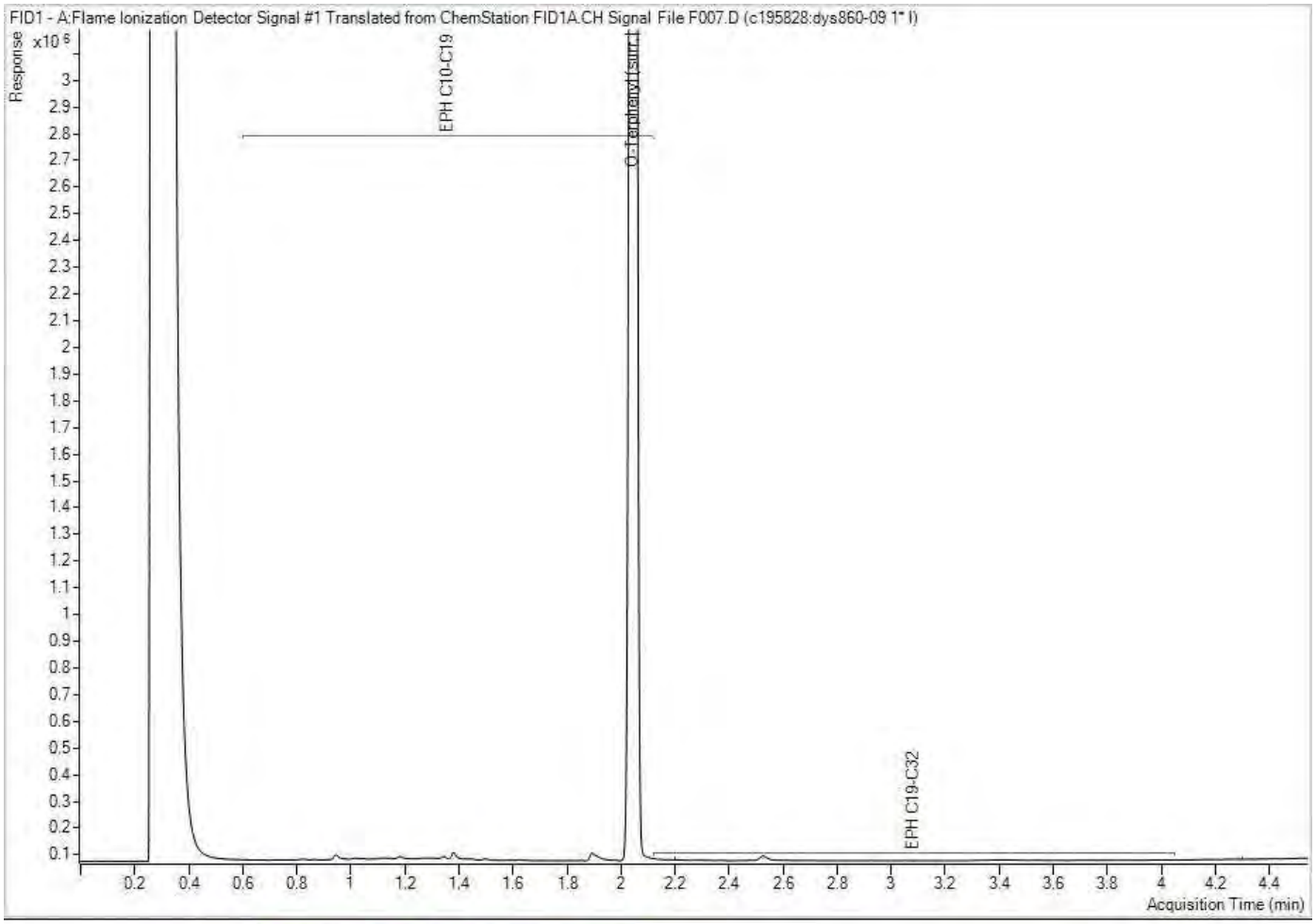
If Custody seal condition and presence of ice is the same for all, use these boxes:

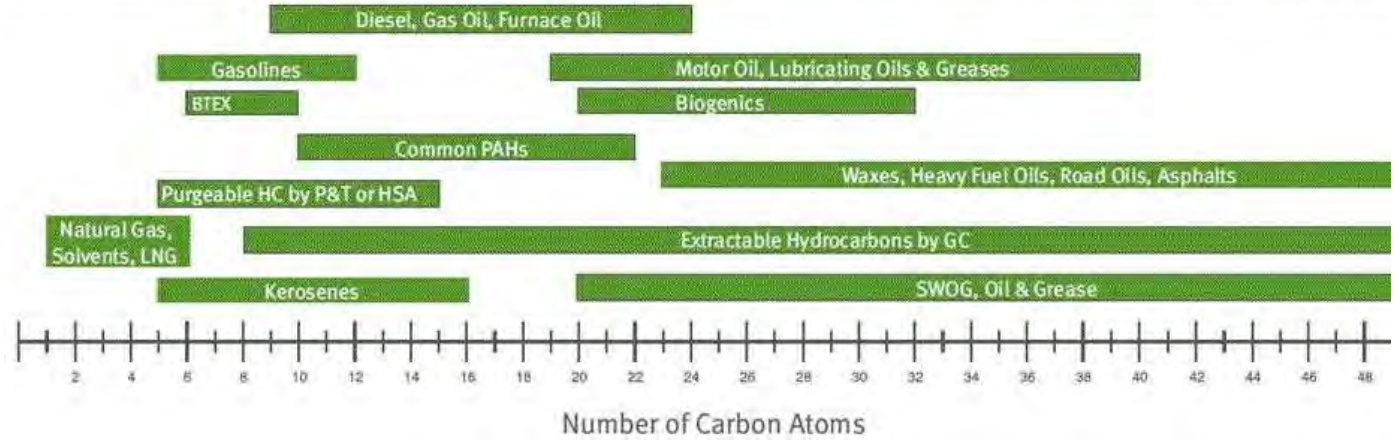
CUSTODY SEAL	YES	NO
PRESENT		/
INTACT		/
ICE PRESENT		

Bureau Veritas Job #: C5A1341
Report Date: 2025/12/30
Bureau Veritas Sample: DYS860

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

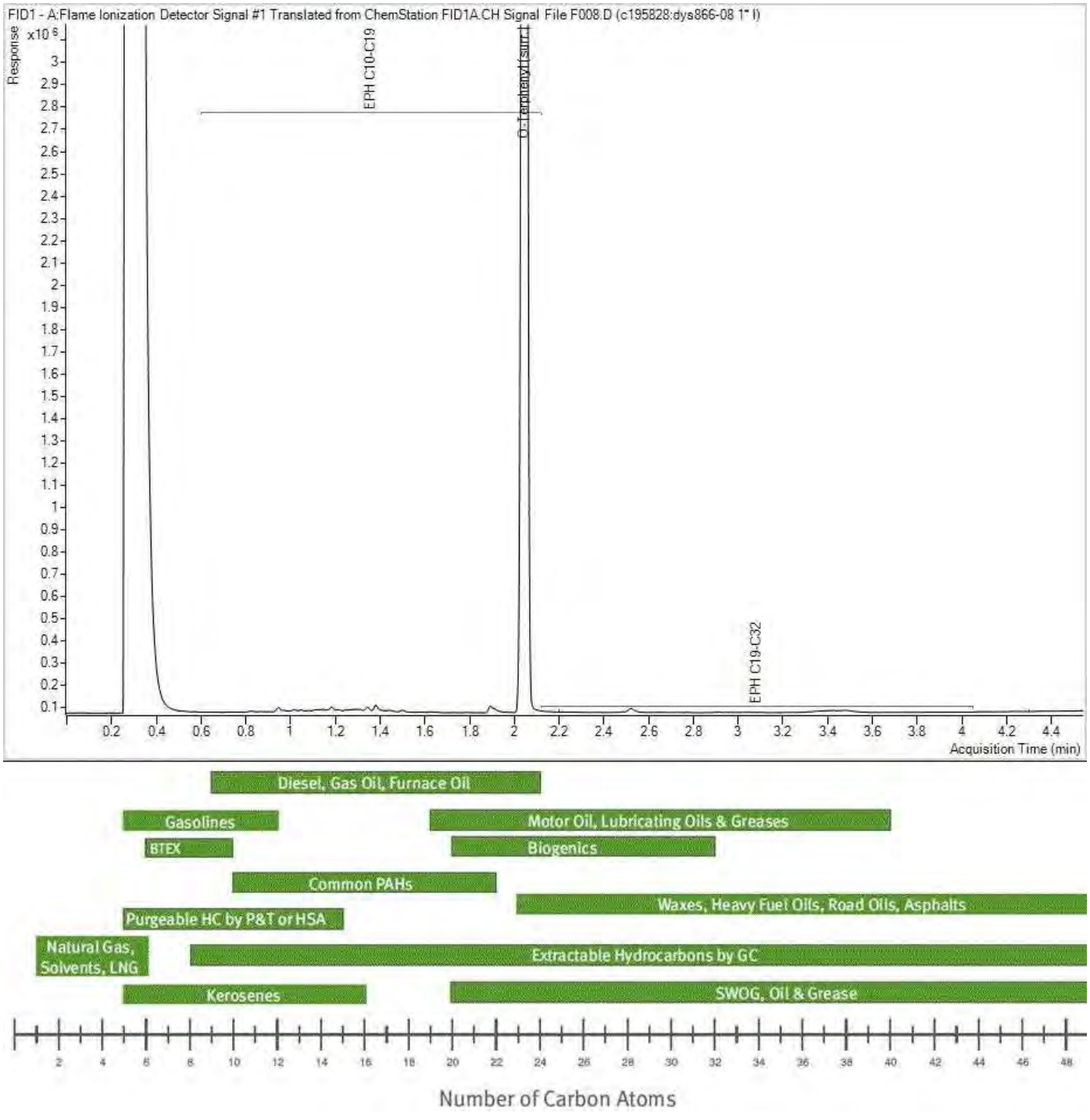
EPH in Water when PAH required Chromatogram





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

EPH in Water when PAH required Chromatogram



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

eCOC: W120380

Project Information:	C5A1341
Job Received:	2025/12/16 17:00
Expected TAT:	Standard TAT
Expected Arrival:	2025/12/16 17:00
Submitted By:	Sam Wolf
Submitted To:	Burnaby ENV: 4606 Canada Way

Invoice Information

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

Report Information

Attn: Brett Lucas
HATFIELD CONSULTANTS
200-850 Harbourside Dr
North Vancouver , BC , V7P 0A3
Email to:
blucas@hatfieldgroup.com
danielle.samels@fortisbc.com
smangwani@hatfieldgroup.com
jmacpherson@hatfieldgroup.com
swolf@hatfieldgroup.com

Project Information

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

Analytical Summary

A: Standard TAT

Client Sample ID	Clnt Ref	Sampling Date/Time	Matrix	#Cont	Woodfibre 2025	Woodfibre Additional 2025	Woodfibre Blank 2025	Rainbow Trout LC50 Multi-concentration	Set Number
WLNG-DS	1	2025/12/16	WATER	14	A				1
WLNG -EOP	2	2025/12/16	WATER	22	A	A		A	2
WLNG-US	3	2025/12/16	WATER	14	A				1
SQRI-US	4	2025/12/16	WATER	14	A				1
SQRI-DS	5	2025/12/16	WATER	14	A				1
Field Blank	6	2025/12/16	WATER	14			A		3
Trip Blank	7	2025/12/16	WATER	14			A		3
DUP	8	2025/12/16	WATER	18	A	A			4

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

Submission Information

# of Samples: 8

Sample Set Listing

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

RESULTS OF RAINBOW TROUT LC50 MULTI-CONCENTRATION

Client : 12239 Fortis BC Energy Inc, Surrey Job Number: C5A1341

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

Test Result:

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

Sample Name : WLNG -EOP

Description:	Colourless, clear with fine beige particulates			Sample Number:	DYS860-14
Sample Collected:	Dec 16, 2025	Sampling Method :	N/A	Site Collection:	N/A
Sample Collected By:	N/A	Volume Received:	4 x ECO10	Avg Temp Arrival:	8 °C Storage: 2-6°C
Sample Received:	Dec 16, 2025 05:00 PM	pH:	7.7	Dissolved Oxygen:	10.3 mg/L
Analysis Start :	Dec 18, 2025 01:20 PM	Temperature :	14 °C	Sample Conductance:	150 µS/cm

Concentration	Temperature (°C)	Temperature (°C)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (mg/L)	pH	pH	Conductivity (uS/cm)	Mortality (#)	Mortality (%)	Atypical Behaviour (#)
% vol/vol	Initial	96 hrs	Initial	96 hrs	Initial	96 hrs	Initial	96 hrs	96 hrs	96 hrs
0	14	16	10.0	9.7	7.6	7.6	52	0	0	0
6.25	14	16	10.0	9.2	7.6	7.4	58	0	0	0
12.5	14	16	10.0	9.5	7.7	7.5	67	0	0	0
25	14	16	10.0	9.6	7.7	7.6	78	0	0	0
50	14	16	10.0	9.7	7.7	7.6	99	0	0	0
100	14	16	10.0	9.7	7.8	7.8	152	0	0	0

Comments : All fish appeared and behaved normally at 24 hours, 48 hours, 72 hours, and 96 hours into testing.
At 48 hours into testing, fluffy beige-coloured precipitate observed on the bottom of the 50% and 100% v/v concentrations.

Culture/Control/Dilution Water Burnaby Municipal Dechlorinated Water

Hardness: 26 mg/L $CaCO_3$ Other parameters available on request.

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

Organisms per Vessel :	10	Test Temperature :	15 ± 1 °C	Solution Depth :	>15 cm
Total # of Organisms Used :	60	Pre-aeration Time :	120 min.	Rate of Aeration	6.5±1 mL/ (min*L)
Test Volume :	15 L	Vessel Volume :	20L	Test pH Adjusted:	No
Loading Density :	0.3 g/L	Photoperiod :	16:8 (light: dark)		

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

Culture Temperature :	15 ± 2 °C	Weight (Mean) +- SD :	0.4 ± 0.1 g	Length (Mean) +- SD :	3.77 ± 0.40 cm
Culture Water Renewal :	≥ 1L/min/kg fish	Weight (Range) :	0.2 – 0.6 g	Length (Range) :	3.10 – 4.30 cm
Culture Photoperiod :	16:8 (light: dark)			% Mortality within 7 days :	0%
Feeding rate and frequency :	daily: 1-5% biomass of trout.			Acclimation Time:	>14 days

Reference chemical: Zinc Test Date: Dec 11, 2025

Test Endpoint 96 hrs LC50 (95% confidence interval) : 0.27 (0.20, 0.38)mg/L Statistical Method : Probit

Historical Mean LC50 (warning limits) : 0.24 (0.13, 0.46) mg/L Concentration : 0,0.04,0.08,0.16,0.32,0.64 mg/L

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

Method Deviations : None.

Analyst : Dayna Lee, Melanie Mazziotti, Melissa Thompson, Navpreet Shergill, Nayshan Blassnitz

Verified By : Kimberly Tamaki, Scientist, Ecotoxicology Date: Dec 30, 2025 11:37 AM