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 discharge during this reporting week.

Discharge from Water Treatment Plant

Table 3 below includes information on water quality and lab sampling during discharges. Appendix A includes a full set of lab results with real time/field samples from discharges.

Table 3: Discharge from Water Treatment System Information

Location	Date of Discharge	Real Time Monitored and Daily Monitoring	Discharge Volume
No discharges.			

*Max discharge is 515 m3/day

Receiving Environment Monitoring-Squamish River

Table 4 and 5 below includes information on water quality and lab sampling. Appendix B includes a full set of lab results with real time data. The receiving environment is being monitored as outlined in the permit with additional oversight by the QP.

Table 4: Upstream Monitoring Information

Location	Date of Lab Sample	Real Time Monitored	Results
Squamish River Upstream	2025-11-18	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix B.

Table 5: Downstream Monitoring Information

Location	Date of Lab Sample	Real Time Monitored	Results
Squamish River Downstream	2025-11-18	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:
2025-11-17: Temperature, ORP, pH, and turbidity data were missing at 12:00 and 1:00.
2025-11-18: Temperature, ORP, pH, and turbidity data were missing at 4:00.
2025-11-20: Temperature, ORP, pH, and turbidity data were missing at 7:00 and 9:00.
2025-11-21: Temperature, ORP, pH, and turbidity data were missing at 22:00.
2025-11-22: Temperature, ORP, pH, and turbidity data were missing at 1:00 and 7:00.
2025-11-23: Temperature, ORP, pH, and turbidity data were missing at 2:00.

SQU DS:
2025-11-17: Temperature, ORP, and turbidity data were missing at 7:00.
2025-11-19: Temperature, ORP, and turbidity data were missing at 11:00.

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.
- Turbidity at EAS DS was measured by the sonde to exceed the short-term guideline (Change from background of 8 NTU) for a period of 24 hours from November 22 at 21:00 to November 23 at 23:00. The extended period of measured elevated turbidity was determined to likely represent accumulation of sediments on the water quality sonde's sensors causing readings to skew higher than actual conditions, or due to catchment-related influences, as turbidity levels measured at WLNG EOP were not consistent with these values. A review of FKM's continuous EOP turbidity monitoring shows that EOP turbidity levels did not exceed 8 NTU above background for a 24 hour period. In-situ NTU measurements from Nov 18th sampling were 1.92 NTU at the EOP and 1.09 NTU at the EAS DS.
    - A combination of heavy rainfall (71 mm) on November 22 and increased turbidity levels at WLNG EOP from November 22 to 23 likely caused the short-term guideline turbidity exceedance at EAS DS. The remaining turbidity observations at EAS DS did not exceed the short-term guideline for a consistent 24-hr period within the week.

Discharge from Water Treatment Plant

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

Table 6: Discharges from Water Treatment System

Location	Date of Discharge	Real Time Monitored and Daily Monitoring	Discharge Volume
Woodfibre	2025-11-17	Yes-Appendix C	3,016 m^3
Woodfibre	2025-11-18	Yes-Appendix C	2,914 m^3
Woodfibre	2025-11-19	Yes-Appendix C	2,925 m^3
Woodfibre	2025-11-20	Yes-Appendix C	2,935 m^3
Woodfibre	2025-11-21	Yes-Appendix C	2,877 m^3
Woodfibre	2025-11-22	Yes-Appendix C	3,129 m^3
Woodfibre	2025-11-23	Yes-Appendix C	2,937 m^3

*Max discharge is 1500 m3/day

Receiving Environment Monitoring-East Creek

Table 7 and 8 below includes information on water quality and lab sampling. Appendix D includes a full set of lab results with real time data. The receiving environment is being monitored as outlined in the permit with additional oversight by the QP.

Table 7: Upstream Monitoring Information

Location	Date of Lab Sample	Real Time Monitored	Results
East Creek Upstream	2025-11-18	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix D.

Table 8: Downstream Monitoring Information

	Date of Lab Sample	Real Time Monitored	Results
East Creek Downstream	2025-11-18	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:
2025-11-18: Temperature, conductivity, and salinity data were missing at 9:00.
2025-11-18: Temperature, conductivity, ORP, pH, DO, turbidity and salinity data were missing at 10:00 and 18:00.
2025-11-19: Temperature, conductivity, and salinity data were missing at 4:00 and 22:00.
2025-11-19: Temperature, conductivity, ORP, pH, DO, turbidity and salinity data were missing at 9:00 and 21:00.
2025-11-20: Temperature, conductivity, and salinity data were missing at 3:00.
2025-11-20: Temperature, conductivity, ORP, pH, DO, turbidity and salinity data were missing at 11:00.
2025-11-21: Temperature, conductivity, and salinity data were missing at 3:00.
2025-11-22: Temperature, conductivity, and salinity data were missing at 6:00 and 9:00.
2025-11-23: Temperature, conductivity, and salinity data were missing at 1:00, 3:00 and 9:00.

WLNG DS:
2025-11-18: Temperature was missing at 18:00.
2025-11-19: Temperature and ORP data were missing at 1:00.

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

No Discharge

BCR Site Batch Sample Analysis
No Discharge

BCR Site WTP Discharge Field Notes and Logs
No Discharge

Appendix B: BCR Site Receiving Environment Documentation

BCR Site Receiving Environment Sample Analysis

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	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 2025-11-18 13:36:00**	**SQU DS 2025-11-18 13:54:00**
In situ Parameters									
Field pH	pH Units	-	6.5 - 9	-	-	7 - 8.7	-	7.2	7.29
Field Temperature	°C	18	19	-	-	-	-	7.3	6.6
General Parameters									
pH	pH Units	-	-	-	-	-	-	6.63	6.69
Alkalinity (Total as $CaCO_3$)	mg/L	-	-	-	-	-	-	12	11
Alkalinity (PP as $CaCO_3$)	mg/L	-	-	-	-	-	-	<1	<1
Hardness ($CaCO_3$)-Total	mg/L	-	-	-	-	-	-	13.9	14
Hardness ($CaCO_3$)-Dissolved	mg/L	-	-	-	-	-	-	13.6	13
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	1.88	16.5	-	18	121	-	0.023	0.019
Bicarbonate (HCO_3)	mg/L	-	-	-	-	-	-	14	14
Carbonate (CO_3)	mg/L	-	-	-	-	-	-	<1	<1
Hydroxide (OH)	mg/L	-	-	-	-	-	-	<1	<1
Nitrate (N)	mg/L	3	32.8	-	3.7	-	-	0.081	0.073
Nitrite (N)	mg/L	0.02	0.06	-	-	-	-	0.0056	<0.005
Nitrate plus Nitrite (N)	mg/L	-	-	-	-	-	-	0.087	0.073
Nitrogen (N)-Total	mg/L	-	-	-	-	-	-	0.149	0.136
Phosphorus (P)-Total (4500-P)	mg/L	-	-	-	-	-	-	0.023	0.02
Bromide (Br)	mg/L	-	-	-	-	-	-	<0.01	<0.01
Chloride (Cl)	mg/L	150	600	-	-	-	-	1.1	<1
Fluoride (F)	mg/L	-	0.541	-	-	1.5	-	<0.05	<0.05
Sulphate (SO_4)-Dissolved	mg/L	128	-	-	-	-	-	3.1	3.1

[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] **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.

[3] **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 2025-11-18 13:36:00**	**SQU DS 2025-11-18 13:54:00**
Total Metals									
Aluminum (Al)-Total	mg/L	0.078861	-	-	-	-	-	**0.306**	**0.364**
Antimony (Sb)-Total	mg/L	0.074	0.25	-	-	-	-	<0.00002	<0.00002
Arsenic (As)-Total	mg/L	0.005	-	-	0.0125	-	-	0.000112	0.000113
Barium (Ba)-Total	mg/L	-	-	1	-	-	-	0.00838	0.00937
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	0.0000091	0.0000092
Calcium (Ca)-Total	mg/L	-	-	-	-	-	-	4.67	4.65
Cesium (Cs)-Total	mg/L	-	-	-	-	-	-	<0.00005	<0.00005
Chromium (Cr)-Total	mg/L	-	-	-	-	-	-	0.00014	0.00021
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	-	-	-	-	-	-	0.00012	0.000192
Copper (Cu)-Total	mg/L	-	-	-	0.002	0.003	-	0.00117	0.00137
Iron (Fe)-Total	mg/L	-	1	-	-	-	-	0.286	0.295
Lead (Pb)-Total	mg/L	-	-	-	0.002	0.14	-	0.000066	0.000081
Lithium (Li)-Total	mg/L	-	-	-	-	-	-	0.00067	0.00076
Magnesium (Mg)-Total	mg/L	-	-	-	-	-	-	0.54	0.57
Manganese (Mn)-Total	mg/L	0.666	0.693	-	-	-	0.1	0.00957	0.0104
Mercury (Hg)-Total	mg/L	0.00002	-	-	0.00002	-	-	<0.0000019	0.0000024
Molybdenum (Mo)-Total	mg/L	7.6	46	-	-	-	-	0.000418	0.000422
Nickel (Ni)-Total	mg/L	-	-	-	-	-	0.0083	0.00022	0.00022
Phosphorus (P)-Total (ICPMS)	mg/L	-	-	-	-	-	-	0.0184	0.0216
Potassium (K)-Total	mg/L	-	-	-	-	-	-	0.5	0.53
Rubidium (Rb)-Total	mg/L	-	-	-	-	-	-	0.000715	0.000817
Selenium (Se)-Total	mg/L	0.002	-	-	0.002	-	-	<0.00004	<0.00004
Silicon (Si)-Total	mg/L	-	-	-	-	-	-	3.84	3.74
Silver (Ag)-Total	mg/L	0.00012	-	-	0.0005	0.0037	0.0005	<0.00001	<0.00001
Sodium (Na)-Total	mg/L	-	-	-	-	-	-	1.51	1.52
Strontium (Sr)-Total	mg/L	-	-	-	-	-	-	0.0269	0.0272
Sulphur (S)-Total	mg/L	-	-	-	-	-	-	<3	<3
Tellurium (Te)-Total	mg/L	-	-	-	-	-	-	<0.00002	<0.00002
Thallium (Tl)-Total	mg/L	-	-	0.00003	-	-	-	0.0000029	0.0000043
Thorium (Th)-Total	mg/L	-	-	-	-	-	-	<0.00005	<0.00005
Tin (Sn)-Total	mg/L	-	-	-	-	-	-	<0.0002	<0.0002
Titanium (Ti)-Total	mg/L	-	-	-	-	-	-	0.0089	0.0129
Uranium (U)-Total	mg/L	-	0.0165	0.0075	-	-	-	0.0000344	0.0000404
Vanadium (V)-Total	mg/L	-	-	0.06	-	-	0.005	0.00101	0.00108
Zinc (Zn)-Total	mg/L	-	-	-	0.01	0.055	-	0.0015	0.0016
Zirconium (Zr)-Total	mg/L	-	-	-	-	-	-	0.00011	0.00011

[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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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 2025-11-18 13:36:00**	**SQU DS 2025-11-18 13:54:00**
Dissolved Metals									
Aluminum (Al)-Dissolved	mg/L	-	-	-	-	-	-	0.0489	0.049
Antimony (Sb)-Dissolved	mg/L	-	-	-	-	-	-	<0.00002	<0.00002
Arsenic (As)-Dissolved	mg/L	-	-	-	-	-	-	0.000064	0.000064
Barium (Ba)-Dissolved	mg/L	-	-	-	-	-	-	0.00646	0.00648
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	0.000049	0.000077	-	-	-	-	0.0000082	0.0000067
Calcium (Ca)-Dissolved	mg/L	-	-	-	-	-	-	4.59	4.4
Cesium (Cs)-Dissolved	mg/L	-	-	-	-	-	-	<0.00005	<0.00005
Chromium (Cr)-Dissolved	mg/L	-	-	-	-	-	-	<0.0001	<0.0001
Cobalt (Co)-Dissolved	mg/L	0.000389	-	-	-	-	-	0.0000534	0.000051
Copper (Cu)-Dissolved	mg/L	0.00029	0.00183	-	-	-	-	**0.000796**	**0.000763**
Iron (Fe)-Dissolved	mg/L	-	0.35	-	-	-	-	0.0936	0.0569
Lead (Pb)-Dissolved	mg/L	0.001938	-	-	-	-	-	0.0000103	0.0000086
Lithium (Li)-Dissolved	mg/L	-	-	-	-	-	-	<0.0005	<0.0005
Manganese (Mn)-Dissolved	mg/L	-	-	-	-	-	-	0.00635	0.00534
Magnesium (Mg)-Dissolved	mg/L	-	-	-	-	-	-	0.508	0.479
Mercury (Hg)-Dissolved	mg/L	-	-	-	-	-	-	0.0000034	0.0000033
Molybdenum (Mo)-Dissolved	mg/L	-	-	-	-	-	-	0.000437	0.00043
Nickel (Ni)-Dissolved	mg/L	0.0008	0.012	-	-	-	-	0.000096	0.000101
Phosphorus (P)-Dissolved	mg/L	-	-	-	-	-	-	0.0047	0.0045
Potassium (K)-Dissolved	mg/L	-	-	-	-	-	-	0.486	0.475
Rubidium (Rb)-Dissolved	mg/L	-	-	-	-	-	-	0.000613	0.000617
Selenium (Se)-Dissolved	mg/L	-	-	-	-	-	-	<0.00004	<0.00004
Silicon (Si)-Dissolved	mg/L	-	-	-	-	-	-	3.46	3.23
Silver (Ag)-Dissolved	mg/L	-	-	-	-	-	-	<0.000005	<0.000005
Sodium (Na)-Dissolved	mg/L	-	-	-	-	-	-	1.51	1.44
Strontium (Sr)-Dissolved	mg/L	-	-	1.25	-	-	-	0.0272	0.0263
Sulphur (S)-Dissolved	mg/L	-	-	-	-	-	-	<3	<3
Tellurium (Te)-Dissolved	mg/L	-	-	-	-	-	-	<0.00002	<0.00002
Thallium (Tl)-Dissolved	mg/L	-	-	-	-	-	-	<0.000002	0.0000024
Thorium (Th)-Dissolved	mg/L	-	-	-	-	-	-	0.0000087	0.0000065
Tin (Sn)-Dissolved	mg/L	-	-	-	-	-	-	<0.0002	<0.0002
Titanium (Ti)-Dissolved	mg/L	-	-	-	-	-	-	0.00052	<0.0005
Uranium (U)-Dissolved	mg/L	-	-	-	-	-	-	0.0000301	0.0000312
Vanadium (V)-Dissolved	mg/L	-	-	-	-	-	-	0.00066	0.00061
Zinc (Zn)-Dissolved	mg/L	0.003497	0.008949	-	-	-	-	0.00059	0.00086
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).

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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 2025-11-18 13:36:00**	**SQU DS 2025-11-18 13:54:00**
Inorganics									
Organic Carbon (C)-Total	mg/L	-	-	-	-	-	-	2.7	2.5
Organic Carbon (C)-Dissolved	mg/L	-	-	-	-	-	-	2	2
Solids-Total Dissolved	mg/L	-	-	-	-	-	-	32	44
Solids-Total Suspended	mg/L	26	46	-	-	-	-	21	16

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

[2] **Bold text** denotes value exceeding guidelines, 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.

[3] **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

Water Quality Field Data Sheet

Project: FORTIS11234

Location Information

Site ID:	SQU DS			**Date:**	November 18, 2025
Site Name:	Squamish River			**Time:**	13:54
Site UTM:	Zone:	E:		**Crew:**	WS
(NAD83)		N:		**Weather:**	Cloudy

In Situ Parameters

pH:	7.29		DO:	- (mg/L)
Temp.:	6.6	(°C)	Cond:	46 (us)
Turbidity:	6.38	NTU		

Visible Sheen: N

Water Surface Condition: Clear

Photo Record

Photo

Observations

Water Quality Field Data Sheet

Project: FORTIS11234

Location Information

Site ID:	SQU US	**Date:**	November 18, 2025
Site Name:	Squamish River	**Time:**	13:36
Site UTM: Zone:	E:	**Crew:**	WS
(NAD83)	N:	**Weather:**	Cloudy

In Situ Parameters

pH:	7.2		DO:	- (mg/L)
Temp.:	7.3	(°C)	Cond:	60 (us)
Turbidity:	6.44	NTU		

Visible Sheen: N

Water Surface Condition: Clear

Photo Record

Photo photo not taken

Observations

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	2025-11-17 00:00:00	7.02	26.54	0.52	7.18	10.05	18.19	0.01
SQU-DS	2025-11-17 00:15:00	7.03	26.45	0.52	7.16	10.04	20.11	0.01
SQU-DS	2025-11-17 00:30:00	7.03	26.30	0.52	7.15	10.07	22.61	0.01
SQU-DS	2025-11-17 00:45:00	7.03	26.28	0.52	7.14	10.08	20.90	0.01
SQU-DS	2025-11-17 01:00:00	7.02	26.25	0.52	7.19	10.11	19.97	0.01
SQU-DS	2025-11-17 01:15:00	7.02	26.64	0.52	7.20	10.13	20.10	0.01
SQU-DS	2025-11-17 01:30:00	7.01	26.45	0.52	7.21	10.15	19.37	0.01
SQU-DS	2025-11-17 01:45:00	7.01	26.44	0.52	7.15	10.14	19.17	0.01
SQU-DS	2025-11-17 02:00:00	7.01	26.39	0.52	7.19	10.15	20.68	0.01
SQU-DS	2025-11-17 02:15:00	7.01	26.36	0.52	7.19	10.17	23.10	0.01
SQU-DS	2025-11-17 02:30:00	7.00	26.57	0.52	7.21	10.20	17.90	0.01
SQU-DS	2025-11-17 02:45:00	7.01	26.24	0.52	7.20	10.20	20.91	0.01
SQU-DS	2025-11-17 03:00:00	7.00	26.02	0.52	7.22	10.21	19.23	0.01
SQU-DS	2025-11-17 03:15:00	7.00	25.60	0.52	7.26	10.22	15.98	0.01
SQU-DS	2025-11-17 03:30:00	7.00	25.27	0.52	7.32	10.21	8.84	0.01
SQU-DS	2025-11-17 03:45:00	6.99	25.03	0.52	7.34	10.21	6.07	0.01
SQU-DS	2025-11-17 04:00:00	6.99	24.81	0.52	7.35	10.21	0.34	0.01
SQU-DS	2025-11-17 04:15:00	6.99	24.66	0.52	7.36	10.23	3.19	0.01
SQU-DS	2025-11-17 04:30:00	6.99	24.18	0.53	7.38	10.24	0.00	0.01
SQU-DS	2025-11-17 04:45:00	7.00	24.26	0.53	7.37	10.25	0.00	0.01
SQU-DS	2025-11-17 05:00:00	6.99	24.26	0.53	7.36	10.26	0.00	0.01
SQU-DS	2025-11-17 05:15:00	6.98	24.27	0.53	7.36	10.28	0.00	0.01
SQU-DS	2025-11-17 05:30:00	6.98	24.06	0.53	7.33	10.30	4.88	0.01
SQU-DS	2025-11-17 05:45:00	6.98	24.03	0.53	7.34	10.31	0.00	0.01
SQU-DS	2025-11-17 06:00:00	6.97	23.84	0.54	7.35	10.32	4.06	0.01
SQU-DS	2025-11-17 06:15:00	6.97	23.70	0.54	7.35	10.34	8.00	0.01
SQU-DS	2025-11-17 06:30:00	6.97	23.52	0.54	7.34	10.36	5.73	0.01
SQU-DS	2025-11-17 06:45:00	6.96	23.34	0.54	7.35	10.37	10.64	0.01
SQU-DS	2025-11-17 07:00:00		23.24		7.32	10.39		0.01
SQU-DS	2025-11-17 07:15:00	6.96	23.22	0.54	7.30	10.40	13.61	0.01
SQU-DS	2025-11-17 07:30:00	6.96	23.24	0.54	7.29	10.39	10.40	0.01
SQU-DS	2025-11-17 07:45:00	6.95	23.23	0.54	7.28	10.42	13.12	0.01
SQU-DS	2025-11-17 08:00:00	6.94	23.11	0.54	7.26	10.40	15.32	0.01
SQU-DS	2025-11-17 08:15:00	6.94	23.12	0.54	7.26	10.41	14.57	0.01
SQU-DS	2025-11-17 08:30:00	6.94	23.11	0.54	7.25	10.40	10.52	0.01
SQU-DS	2025-11-17 08:45:00	6.94	23.09	0.54	7.25	10.43	13.36	0.01
SQU-DS	2025-11-17 09:00:00	6.93	23.04	0.54	7.26	10.42	14.96	0.01
SQU-DS	2025-11-17 09:15:00	6.93	22.96	0.54	7.26	10.44	8.70	0.01
SQU-DS	2025-11-17 09:30:00	6.93	22.91	0.54	7.28	10.43	7.67	0.01
SQU-DS	2025-11-17 09:45:00	6.93	22.83	0.54	7.26	10.44	53.65	0.01
SQU-DS	2025-11-17 10:00:00	6.92	22.71	0.54	7.29	10.48	13.16	0.01
SQU-DS	2025-11-17 10:15:00	6.92	22.51	0.54	7.30	10.50	6.67	0.01
SQU-DS	2025-11-17 10:30:00	6.92	22.39	0.54	7.31	10.50	14.67	0.01
SQU-DS	2025-11-17 10:45:00	6.91	22.23	0.54	7.29	10.52	24.54	0.01
SQU-DS	2025-11-17 11:00:00	6.91	22.06	0.54	7.28	10.53	24.33	0.01
SQU-DS	2025-11-17 11:15:00	6.90	22.02	0.54	7.30	10.52	15.44	0.01
SQU-DS	2025-11-17 11:30:00	6.90	22.00	0.54	7.30	10.53	2.56	0.01
SQU-DS	2025-11-17 11:45:00	6.89	21.96	0.54	7.31	10.53	14.74	0.01
SQU-DS	2025-11-17 12:00:00	6.88	21.88	0.54	7.28	10.54	16.02	0.01
SQU-DS	2025-11-17 12:15:00	6.86	21.78	0.54	7.29	10.55	3.74	0.01
SQU-DS	2025-11-17 12:30:00	6.85	21.64	0.54	7.31	10.55	17.52	0.01
SQU-DS	2025-11-17 12:45:00	6.84	21.56	0.54	7.29	10.54	17.20	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	2025-11-17 13:00:00	6.83	21.34	0.54	7.30	10.50	11.97	0.01
SQU-DS	2025-11-17 13:15:00	6.82	21.25	0.54	7.31	10.45	13.15	0.01
SQU-DS	2025-11-17 13:30:00	6.81	21.12	0.54	7.32	10.40	8.92	0.01
SQU-DS	2025-11-17 13:45:00	6.81	21.17	0.54	7.30	10.39	24.43	0.01
SQU-DS	2025-11-17 14:00:00	6.81	21.42	0.54	7.26	10.38	42.78	0.01
SQU-DS	2025-11-17 14:15:00	6.80	21.48	0.54	7.26	10.32	3.65	0.01
SQU-DS	2025-11-17 14:30:00	6.79	21.29	0.54	7.27	10.26	10.95	0.01
SQU-DS	2025-11-17 14:45:00	6.79	20.84	0.54	7.29	10.23	0.41	0.01
SQU-DS	2025-11-17 15:00:00	6.79	20.45	0.54	7.23	10.22	12.85	0.01
SQU-DS	2025-11-17 15:15:00	6.79	20.45	0.54	7.29	10.23	0.00	0.01
SQU-DS	2025-11-17 15:30:00	6.78	20.51	0.54	7.26	10.24	42.70	0.01
SQU-DS	2025-11-17 15:45:00	6.76	20.14	0.54	7.24	10.26	349.05	0.01
SQU-DS	2025-11-17 16:00:00	6.75	20.22	0.54	7.23	10.31	229.45	0.01
SQU-DS	2025-11-17 16:15:00	6.74	20.34	0.54	7.24	10.34	1027.50	0.01
SQU-DS	2025-11-17 16:30:00	6.72	20.24	0.54	7.25	10.37	601.66	0.01
SQU-DS	2025-11-17 16:45:00	6.70	20.30	0.54	7.22	10.38	528.32	0.01
SQU-DS	2025-11-17 17:00:00	6.69	19.99	0.54	7.20	10.62	43.87	0.01
SQU-DS	2025-11-17 17:15:00	6.67	19.72	0.54	7.21	10.70	1423.88	0.01
SQU-DS	2025-11-17 17:30:00	6.66	19.35	0.54	7.22	10.72	1221.55	0.01
SQU-DS	2025-11-17 17:45:00	6.65	19.20	0.54	7.21	10.72	1338.33	0.01
SQU-DS	2025-11-17 18:00:00	6.63	19.36	0.54	7.20	10.71	26.81	0.01
SQU-DS	2025-11-17 18:15:00	6.63	19.74	0.54	7.18	10.72	25.22	0.01
SQU-DS	2025-11-17 18:30:00	6.60	19.75	0.54	7.19	10.70	20.85	0.01
SQU-DS	2025-11-17 18:45:00	6.59	19.72	0.54	7.16	10.70	19.71	0.01
SQU-DS	2025-11-17 19:00:00	6.58	19.79	0.54	7.15	10.68	23.16	0.01
SQU-DS	2025-11-17 19:15:00	6.56	19.62	0.54	7.16	10.69	31.33	0.01
SQU-DS	2025-11-17 19:30:00	6.54	19.83	0.54	7.17	10.69	23.73	0.01
SQU-DS	2025-11-17 19:45:00	6.52	19.70	0.54	7.20	10.68	24.97	0.01
SQU-DS	2025-11-17 20:00:00	6.50	19.35	0.54	7.17	10.68	23.09	0.01
SQU-DS	2025-11-17 20:15:00	6.49	19.27	0.54	7.18	10.68	24.33	0.01
SQU-DS	2025-11-17 20:30:00	6.48	19.26	0.54	7.14	10.66	24.75	0.01
SQU-DS	2025-11-17 20:45:00	6.46	19.24	0.53	7.27	10.66	19.55	0.01
SQU-DS	2025-11-17 21:00:00	6.44	19.24	0.54	7.22	10.65	21.23	0.01
SQU-DS	2025-11-17 21:15:00	6.42	19.17	0.54	7.23	10.64	20.16	0.01
SQU-DS	2025-11-17 21:30:00	6.40	19.35	0.54	7.18	10.65	22.43	0.01
SQU-DS	2025-11-17 21:45:00	6.39	19.32	0.53	7.27	10.64	22.83	0.01
SQU-DS	2025-11-17 22:00:00	6.38	19.32	0.54	7.21	10.64	19.46	0.01
SQU-DS	2025-11-17 22:15:00	6.37	19.46	0.54	7.20	10.64	24.45	0.01
SQU-DS	2025-11-17 22:30:00	6.36	19.61	0.54	7.23	10.64	20.90	0.01
SQU-DS	2025-11-17 22:45:00	6.35	19.67	0.54	7.17	10.64	27.68	0.01
SQU-DS	2025-11-17 23:00:00	6.34	19.69	0.54	7.19	10.63	18.91	0.01
SQU-DS	2025-11-17 23:15:00	6.33	20.11	0.54	7.24	10.64	23.14	0.01
SQU-DS	2025-11-17 23:30:00	6.31	20.11	0.54	7.23	10.64	20.08	0.01
SQU-DS	2025-11-17 23:45:00	6.29	20.26	0.54	7.25	10.63	18.54	0.01
SQU-DS	2025-11-18 00:00:00	6.27	20.15	0.54	7.23	10.62	18.01	0.01
SQU-DS	2025-11-18 00:15:00	6.26	20.92	0.54	7.23	10.62	23.23	0.01
SQU-DS	2025-11-18 00:30:00	6.24	20.36	0.54	7.21	10.62	16.05	0.01
SQU-DS	2025-11-18 00:45:00	6.24	20.32	0.54	7.21	10.61	20.09	0.01
SQU-DS	2025-11-18 01:00:00	6.22	20.37	0.54	7.21	10.61	20.30	0.01
SQU-DS	2025-11-18 01:15:00	6.21	20.35	0.54	7.17	10.62	21.90	0.01
SQU-DS	2025-11-18 01:30:00	6.20	20.37	0.54	7.21	10.63	17.96	0.01
SQU-DS	2025-11-18 01:45:00	6.19	20.54	0.54	7.16	10.63	16.38	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	2025-11-18 02:00:00	6.18	20.57	0.54	7.19	10.63	16.27	0.01
SQU-DS	2025-11-18 02:15:00	6.16	20.47	0.54	7.18	10.63	17.63	0.01
SQU-DS	2025-11-18 02:30:00	6.16	20.40	0.54	7.18	10.62	19.26	0.01
SQU-DS	2025-11-18 02:45:00	6.14	20.29	0.54	7.23	10.63	18.26	0.01
SQU-DS	2025-11-18 03:00:00	6.14	20.30	0.54	7.20	10.63	18.14	0.01
SQU-DS	2025-11-18 03:15:00	6.14	20.19	0.54	7.24	10.64	13.72	0.01
SQU-DS	2025-11-18 03:30:00	6.13	20.16	0.54	7.21	10.64	14.52	0.01
SQU-DS	2025-11-18 03:45:00	6.11	20.07	0.54	7.20	10.64	12.46	0.01
SQU-DS	2025-11-18 04:00:00	6.11	20.00	0.54	7.26	10.65	13.44	0.01
SQU-DS	2025-11-18 04:15:00	6.10	19.78	0.54	7.24	10.65	15.67	0.01
SQU-DS	2025-11-18 04:30:00	6.08	19.68	0.54	7.23	10.66	11.16	0.01
SQU-DS	2025-11-18 04:45:00	6.08	19.96	0.54	7.25	10.67	12.34	0.01
SQU-DS	2025-11-18 05:00:00	6.06	20.86	0.54	7.24	10.67	10.89	0.01
SQU-DS	2025-11-18 05:15:00	6.05	20.63	0.54	7.27	10.68	10.74	0.01
SQU-DS	2025-11-18 05:30:00	6.04	20.84	0.54	7.27	10.70	9.40	0.01
SQU-DS	2025-11-18 05:45:00	6.02	20.87	0.54	7.25	10.71	8.86	0.01
SQU-DS	2025-11-18 06:00:00	6.02	21.05	0.54	7.25	10.72	10.40	0.01
SQU-DS	2025-11-18 06:15:00	6.01	21.03	0.54	7.23	10.75	10.88	0.01
SQU-DS	2025-11-18 06:30:00	6.01	21.23	0.54	7.22	10.74	9.77	0.01
SQU-DS	2025-11-18 06:45:00	6.02	21.41	0.54	7.21	10.75	9.86	0.01
SQU-DS	2025-11-18 07:00:00	6.01	21.47	0.54	7.20	10.75	8.11	0.01
SQU-DS	2025-11-18 07:15:00	6.01	20.89	0.54	7.19	10.75	11.62	0.01
SQU-DS	2025-11-18 07:30:00	6.01	20.80	0.54	7.19	10.74	12.43	0.01
SQU-DS	2025-11-18 07:45:00	6.00	20.72	0.54	7.15	10.74	15.56	0.01
SQU-DS	2025-11-18 08:00:00	6.00	20.83	0.54	7.17	10.74	11.44	0.01
SQU-DS	2025-11-18 08:15:00	6.00	21.09	0.54	7.16	10.75	38.53	0.01
SQU-DS	2025-11-18 08:30:00	6.01	21.35	0.54	7.14	10.75	54.87	0.01
SQU-DS	2025-11-18 08:45:00	6.01	21.62	0.54	7.16	10.74	11.43	0.01
SQU-DS	2025-11-18 09:00:00	6.01	21.81	0.54	7.14	10.74	14.21	0.01
SQU-DS	2025-11-18 09:15:00	6.02	22.19	0.54	7.15	10.73	16.28	0.01
SQU-DS	2025-11-18 09:30:00	6.03	22.27	0.54	7.17	10.72	14.40	0.01
SQU-DS	2025-11-18 09:45:00	6.04	22.37	0.54	7.13	10.72	18.27	0.01
SQU-DS	2025-11-18 10:00:00	6.05	22.39	0.54	7.13	10.73	15.60	0.01
SQU-DS	2025-11-18 10:15:00	6.07	22.43	0.53	7.14	10.73	17.82	0.01
SQU-DS	2025-11-18 10:30:00	6.08	22.40	0.53	7.12	10.73	14.52	0.01
SQU-DS	2025-11-18 10:45:00	6.09	22.40	0.53	7.11	10.73	17.20	0.01
SQU-DS	2025-11-18 11:00:00	6.11	22.34	0.53	7.16	10.74	17.82	0.01
SQU-DS	2025-11-18 11:15:00	6.12	22.40	0.53	7.10	10.74	19.68	0.01
SQU-DS	2025-11-18 11:30:00	6.15	22.59	0.53	7.11	10.74	20.15	0.01
SQU-DS	2025-11-18 11:45:00	6.17	22.60	0.53	7.16	10.74	17.63	0.01
SQU-DS	2025-11-18 12:00:00	6.20	22.37	0.53	7.15	10.74	15.53	0.01
SQU-DS	2025-11-18 12:15:00	6.23	22.30	0.53	7.13	10.74	19.71	0.01
SQU-DS	2025-11-18 12:30:00	6.24	23.29	0.53	7.14	10.75	18.25	0.01
SQU-DS	2025-11-18 12:45:00	6.25	22.86	0.53	7.16	10.75	17.68	0.01
SQU-DS	2025-11-18 13:00:00	6.26	23.95	0.53	7.13	10.76	17.18	0.01
SQU-DS	2025-11-18 13:15:00	6.27	23.81	0.52	7.18	10.76	15.54	0.01
SQU-DS	2025-11-18 13:30:00	6.28	23.68	0.52	7.19	10.76	16.31	0.01
SQU-DS	2025-11-18 13:45:00	6.29	23.62	0.52	7.17	10.76	15.64	0.01
SQU-DS	2025-11-18 14:00:00	6.30	23.49	0.52	7.19	10.75	16.02	0.01
SQU-DS	2025-11-18 14:15:00	6.31	23.40	0.53	7.15	10.74	18.31	0.01
SQU-DS	2025-11-18 14:30:00	6.31	23.38	0.53	7.16	10.74	17.22	0.01
SQU-DS	2025-11-18 14:45:00	6.31	23.24	0.53	7.19	10.74	14.67	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	2025-11-18 15:00:00	6.31	23.17	0.53	7.21	10.72	19.89	0.01
SQU-DS	2025-11-18 15:15:00	6.30	23.08	0.53	7.20	10.71	15.16	0.01
SQU-DS	2025-11-18 15:30:00	6.29	23.01	0.53	7.18	10.70	12.32	0.01
SQU-DS	2025-11-18 15:45:00	6.28	22.97	0.53	7.19	10.70	10.78	0.01
SQU-DS	2025-11-18 16:00:00	6.27	22.94	0.53	7.19	10.68	11.13	0.01
SQU-DS	2025-11-18 16:15:00	6.26	23.17	0.53	7.20	10.68	11.82	0.01
SQU-DS	2025-11-18 16:30:00	6.24	23.10	0.53	7.22	10.67	13.94	0.01
SQU-DS	2025-11-18 16:45:00	6.23	23.23	0.53	7.20	10.67	15.37	0.01
SQU-DS	2025-11-18 17:00:00	6.22	23.44	0.53	7.17	10.65	12.16	0.01
SQU-DS	2025-11-18 17:15:00	6.21	23.69	0.53	7.15	10.65	15.57	0.01
SQU-DS	2025-11-18 17:30:00	6.20	24.55	0.53	7.17	10.65	16.97	0.01
SQU-DS	2025-11-18 17:45:00	6.20	25.72	0.53	7.15	10.66	19.05	0.01
SQU-DS	2025-11-18 18:00:00	6.20	26.42	0.53	7.15	10.66	17.36	0.01
SQU-DS	2025-11-18 18:15:00	6.20	26.60	0.53	7.15	10.67	18.40	0.01
SQU-DS	2025-11-18 18:30:00	6.21	27.15	0.53	7.11	10.67	17.62	0.01
SQU-DS	2025-11-18 18:45:00	6.21	27.28	0.53	7.10	10.68	18.89	0.01
SQU-DS	2025-11-18 19:00:00	6.22	27.53	0.53	7.15	10.70	19.36	0.01
SQU-DS	2025-11-18 19:15:00	6.22	27.70	0.53	7.12	10.71	18.78	0.01
SQU-DS	2025-11-18 19:30:00	6.22	27.70	0.53	7.14	10.71	17.87	0.01
SQU-DS	2025-11-18 19:45:00	6.21	27.70	0.53	7.06	10.71	19.23	0.01
SQU-DS	2025-11-18 20:00:00	6.21	27.76	0.52	7.14	10.72	16.67	0.01
SQU-DS	2025-11-18 20:15:00	6.20	28.40	0.53	7.12	10.73	19.18	0.01
SQU-DS	2025-11-18 20:30:00	6.21	28.61	0.52	7.13	10.74	19.38	0.01
SQU-DS	2025-11-18 20:45:00	6.20	28.89	0.52	7.15	10.73	20.56	0.01
SQU-DS	2025-11-18 21:00:00	6.19	28.89	0.52	7.16	10.74	18.61	0.01
SQU-DS	2025-11-18 21:15:00	6.18	29.10	0.52	7.15	10.74	19.59	0.01
SQU-DS	2025-11-18 21:30:00	6.15	29.01	0.52	7.14	10.75	16.93	0.01
SQU-DS	2025-11-18 21:45:00	6.15	29.09	0.53	7.13	10.75	18.18	0.01
SQU-DS	2025-11-18 22:00:00	6.13	29.46	0.52	7.17	10.75	16.34	0.01
SQU-DS	2025-11-18 22:15:00	6.12	30.04	0.52	7.17	10.77	19.04	0.01
SQU-DS	2025-11-18 22:30:00	6.10	29.88	0.52	7.15	10.77	16.96	0.01
SQU-DS	2025-11-18 22:45:00	6.08	30.24	0.52	7.17	10.78	18.35	0.01
SQU-DS	2025-11-18 23:00:00	6.06	30.28	0.52	7.14	10.78	17.63	0.01
SQU-DS	2025-11-18 23:15:00	6.04	30.09	0.52	7.17	10.75	18.55	0.01
SQU-DS	2025-11-18 23:30:00	6.02	30.24	0.52	7.11	10.76	17.18	0.01
SQU-DS	2025-11-18 23:45:00	5.99	30.42	0.52	7.16	10.77	16.42	0.01
SQU-DS	2025-11-19 00:00:00	5.98	30.36	0.52	7.16	10.79	17.55	0.01
SQU-DS	2025-11-19 00:15:00	5.97	30.35	0.52	7.17	10.80	17.68	0.01
SQU-DS	2025-11-19 00:30:00	5.95	30.26	0.52	7.14	10.79	18.11	0.01
SQU-DS	2025-11-19 00:45:00	5.93	30.38	0.52	7.11	10.82	16.26	0.01
SQU-DS	2025-11-19 01:00:00	5.90	30.32	0.52	7.15	10.81	16.51	0.01
SQU-DS	2025-11-19 01:15:00	5.89	30.41	0.52	7.13	10.80	18.03	0.01
SQU-DS	2025-11-19 01:30:00	5.86	30.33	0.52	7.14	10.80	17.44	0.01
SQU-DS	2025-11-19 01:45:00	5.84	30.62	0.52	7.17	10.81	18.42	0.01
SQU-DS	2025-11-19 02:00:00	5.83	30.17	0.52	7.13	10.80	19.04	0.01
SQU-DS	2025-11-19 02:15:00	5.82	30.25	0.52	7.15	10.79	18.37	0.01
SQU-DS	2025-11-19 02:30:00	5.79	30.22	0.52	7.15	10.80	19.58	0.01
SQU-DS	2025-11-19 02:45:00	5.77	29.74	0.52	7.14	10.82	18.04	0.01
SQU-DS	2025-11-19 03:00:00	5.74	29.77	0.52	7.15	10.82	16.81	0.01
SQU-DS	2025-11-19 03:15:00	5.71	29.66	0.52	7.15	10.82	18.46	0.01
SQU-DS	2025-11-19 03:30:00	5.69	28.80	0.52	7.17	10.83	20.39	0.01
SQU-DS	2025-11-19 03:45:00	5.67	28.69	0.52	7.15	10.82	18.51	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	2025-11-19 04:00:00	5.64	28.91	0.52	7.19	10.84	19.11	0.01
SQU-DS	2025-11-19 04:15:00	5.61	29.20	0.52	7.19	10.85	19.19	0.01
SQU-DS	2025-11-19 04:30:00	5.59	30.70	0.52	7.20	10.86	17.08	0.01
SQU-DS	2025-11-19 04:45:00	5.56	30.53	0.52	7.15	10.86	19.54	0.01
SQU-DS	2025-11-19 05:00:00	5.54	30.15	0.52	7.20	10.88	17.24	0.01
SQU-DS	2025-11-19 05:15:00	5.52	29.93	0.52	7.23	10.87	16.47	0.01
SQU-DS	2025-11-19 05:30:00	5.49	29.58	0.52	7.19	10.86	14.83	0.01
SQU-DS	2025-11-19 05:45:00	5.46	29.46	0.52	7.24	10.86	13.98	0.01
SQU-DS	2025-11-19 06:00:00	5.44	29.36	0.52	7.25	10.85	15.18	0.01
SQU-DS	2025-11-19 06:15:00	5.41	29.59	0.52	7.27	10.83	9.18	0.01
SQU-DS	2025-11-19 06:30:00	5.39	29.83	0.52	7.26	10.83	12.31	0.01
SQU-DS	2025-11-19 06:45:00	5.37	29.61	0.52	7.23	10.81	9.60	0.01
SQU-DS	2025-11-19 07:00:00	5.35	29.27	0.52	7.24	10.81	9.75	0.01
SQU-DS	2025-11-19 07:15:00	5.33	29.40	0.52	7.24	10.80	11.87	0.01
SQU-DS	2025-11-19 07:30:00	5.30	29.17	0.53	7.21	10.80	13.98	0.01
SQU-DS	2025-11-19 07:45:00	5.28	29.21	0.52	7.20	10.79	12.90	0.01
SQU-DS	2025-11-19 08:00:00	5.27	30.74	0.52	7.20	10.80	15.07	0.01
SQU-DS	2025-11-19 08:15:00	5.25	30.52	0.52	7.21	10.80	14.24	0.01
SQU-DS	2025-11-19 08:30:00	5.24	31.06	0.52	7.20	10.81	13.10	0.01
SQU-DS	2025-11-19 08:45:00	5.23	31.07	0.52	7.20	10.82	18.50	0.01
SQU-DS	2025-11-19 09:00:00	5.23	31.16	0.52	7.16	10.80	16.69	0.01
SQU-DS	2025-11-19 09:15:00	5.25	31.01	0.52	7.18	10.82	17.74	0.01
SQU-DS	2025-11-19 09:30:00	5.26	31.26	0.52	7.16	10.81	16.58	0.01
SQU-DS	2025-11-19 09:45:00	5.28	31.38	0.52	7.14	10.81	18.70	0.01
SQU-DS	2025-11-19 10:00:00	5.31	31.48	0.52	7.15	10.80	17.52	0.01
SQU-DS	2025-11-19 10:15:00	5.34	31.16	0.52	7.15	10.80	17.23	0.01
SQU-DS	2025-11-19 10:30:00	5.37	31.52	0.52	7.15	10.81	19.52	0.01
SQU-DS	2025-11-19 10:45:00	5.40	31.35	0.52	7.10	10.81	17.84	0.01
SQU-DS	2025-11-19 11:00:00		31.24		7.11	10.80		0.01
SQU-DS	2025-11-19 11:15:00	5.44	31.62	0.51	7.14	10.82	18.16	0.01
SQU-DS	2025-11-19 11:30:00	5.47	31.68	0.51	7.17	10.83	17.66	0.01
SQU-DS	2025-11-19 11:45:00	5.49	31.57	0.51	7.17	10.83	18.37	0.01
SQU-DS	2025-11-19 12:00:00	5.53	31.71	0.51	7.18	10.83	16.64	0.01
SQU-DS	2025-11-19 12:15:00	5.56	31.70	0.51	7.18	10.84	16.85	0.01
SQU-DS	2025-11-19 12:30:00	5.57	31.69	0.51	7.19	10.85	16.69	0.01
SQU-DS	2025-11-19 12:45:00	5.58	31.64	0.51	7.18	10.85	17.68	0.01
SQU-DS	2025-11-19 13:00:00	5.61	31.45	0.51	7.15	10.85	18.30	0.01
SQU-DS	2025-11-19 13:15:00	5.64	31.55	0.51	7.19	10.85	16.04	0.01
SQU-DS	2025-11-19 13:30:00	5.66	31.79	0.51	7.19	10.83	16.51	0.01
SQU-DS	2025-11-19 13:45:00	5.66	31.61	0.51	7.20	10.84	17.34	0.01
SQU-DS	2025-11-19 14:00:00	5.66	31.71	0.51	7.18	10.83	16.40	0.01
SQU-DS	2025-11-19 14:15:00	5.65	31.69	0.51	7.13	10.84	16.69	0.01
SQU-DS	2025-11-19 14:30:00	5.64	31.62	0.51	7.14	10.83	17.82	0.01
SQU-DS	2025-11-19 14:45:00	5.63	31.82	0.51	7.20	10.83	17.28	0.01
SQU-DS	2025-11-19 15:00:00	5.60	31.71	0.51	7.21	10.83	17.21	0.01
SQU-DS	2025-11-19 15:15:00	5.56	31.74	0.51	7.18	10.83	15.00	0.01
SQU-DS	2025-11-19 15:30:00	5.52	32.02	0.51	7.23	10.84	15.74	0.01
SQU-DS	2025-11-19 15:45:00	5.48	32.32	0.51	7.21	10.83	16.85	0.01
SQU-DS	2025-11-19 16:00:00	5.45	32.13	0.51	7.21	10.84	18.17	0.01
SQU-DS	2025-11-19 16:15:00	5.43	32.26	0.51	7.22	10.84	15.90	0.01
SQU-DS	2025-11-19 16:30:00	5.42	31.97	0.52	7.15	10.82	17.24	0.01
SQU-DS	2025-11-19 16:45:00	5.39	31.96	0.51	7.23	10.83	15.34	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	2025-11-19 17:00:00	5.37	32.34	0.51	7.21	10.83	15.55	0.01
SQU-DS	2025-11-19 17:15:00	5.37	32.33	0.51	7.21	10.84	16.57	0.01
SQU-DS	2025-11-19 17:30:00	5.36	32.67	0.52	7.20	10.83	16.32	0.01
SQU-DS	2025-11-19 17:45:00	5.35	32.59	0.51	7.21	10.82	16.35	0.01
SQU-DS	2025-11-19 18:00:00	5.35	32.43	0.52	7.18	10.84	17.36	0.01
SQU-DS	2025-11-19 18:15:00	5.36	32.45	0.51	7.18	10.83	16.76	0.01
SQU-DS	2025-11-19 18:30:00	5.36	32.29	0.51	7.15	10.82	17.62	0.01
SQU-DS	2025-11-19 18:45:00	5.36	32.72	0.51	7.18	10.81	15.96	0.01
SQU-DS	2025-11-19 19:00:00	5.36	32.58	0.51	7.18	10.81	18.54	0.01
SQU-DS	2025-11-19 19:15:00	5.36	33.01	0.51	7.18	10.81	17.15	0.01
SQU-DS	2025-11-19 19:30:00	5.36	33.19	0.51	7.17	10.78	16.89	0.01
SQU-DS	2025-11-19 19:45:00	5.35	33.13	0.51	7.09	10.79	16.70	0.01
SQU-DS	2025-11-19 20:00:00	5.35	33.12	0.51	7.17	10.78	16.69	0.01
SQU-DS	2025-11-19 20:15:00	5.35	33.21	0.51	7.20	10.79	16.76	0.01
SQU-DS	2025-11-19 20:30:00	5.34	33.31	0.51	7.16	10.78	15.32	0.01
SQU-DS	2025-11-19 20:45:00	5.33	33.26	0.50	7.16	10.77	15.38	0.01
SQU-DS	2025-11-19 21:00:00	5.33	33.32	0.50	7.13	10.78	16.10	0.01
SQU-DS	2025-11-19 21:15:00	5.33	33.40	0.50	7.14	10.77	15.09	0.01
SQU-DS	2025-11-19 21:30:00	5.31	33.19	0.50	7.15	10.78	15.44	0.01
SQU-DS	2025-11-19 21:45:00	5.31	33.44	0.50	7.14	10.79	15.06	0.01
SQU-DS	2025-11-19 22:00:00	5.30	33.26	0.50	7.13	10.78	16.33	0.01
SQU-DS	2025-11-19 22:15:00	5.30	33.35	0.50	7.18	10.79	15.41	0.01
SQU-DS	2025-11-19 22:30:00	5.29	33.31	0.50	7.16	10.77	14.91	0.01
SQU-DS	2025-11-19 22:45:00	5.28	33.31	0.50	7.17	10.77	15.64	0.01
SQU-DS	2025-11-19 23:00:00	5.29	33.13	0.50	7.19	10.78	15.40	0.01
SQU-DS	2025-11-19 23:15:00	5.28	33.35	0.50	7.19	10.79	14.27	0.01
SQU-DS	2025-11-19 23:30:00	5.27	33.20	0.50	7.18	10.79	15.51	0.01
SQU-DS	2025-11-19 23:45:00	5.28	33.31	0.50	7.16	10.79	14.38	0.01
SQU-DS	2025-11-20 00:00:00	5.28	33.36	0.50	7.17	10.79	15.94	0.01
SQU-DS	2025-11-20 00:15:00	5.27	33.34	0.50	7.15	10.79	14.59	0.01
SQU-DS	2025-11-20 00:30:00	5.26	33.50	0.50	7.15	10.79	15.96	0.01
SQU-DS	2025-11-20 00:45:00	5.26	33.20	0.50	7.19	10.79	14.10	0.01
SQU-DS	2025-11-20 01:00:00	5.25	33.25	0.50	7.17	10.79	14.31	0.01
SQU-DS	2025-11-20 01:15:00	5.25	32.98	0.50	7.18	10.80	15.38	0.01
SQU-DS	2025-11-20 01:30:00	5.25	33.02	0.50	7.21	10.81	15.47	0.01
SQU-DS	2025-11-20 01:45:00	5.24	33.20	0.50	7.18	10.80	15.99	0.01
SQU-DS	2025-11-20 02:00:00	5.23	33.12	0.50	7.15	10.79	16.65	0.01
SQU-DS	2025-11-20 02:15:00	5.23	33.18	0.50	7.18	10.79	16.56	0.01
SQU-DS	2025-11-20 02:30:00	5.22	33.17	0.49	7.19	10.80	15.36	0.01
SQU-DS	2025-11-20 02:45:00	5.21	33.40	0.50	7.18	10.79	16.38	0.01
SQU-DS	2025-11-20 03:00:00	5.20	33.09	0.49	7.20	10.81	15.14	0.01
SQU-DS	2025-11-20 03:15:00	5.20	33.03	0.49	7.21	10.81	14.81	0.01
SQU-DS	2025-11-20 03:30:00	5.20	33.14	0.50	7.15	10.81	14.96	0.01
SQU-DS	2025-11-20 03:45:00	5.19	32.96	0.49	7.21	10.82	13.77	0.01
SQU-DS	2025-11-20 04:00:00	5.19	33.12	0.50	7.19	10.82	13.76	0.01
SQU-DS	2025-11-20 04:15:00	5.19	33.00	0.49	7.22	10.83	17.20	0.01
SQU-DS	2025-11-20 04:30:00	5.18	32.68	0.50	7.21	10.83	14.98	0.01
SQU-DS	2025-11-20 04:45:00	5.18	32.83	0.50	7.22	10.84	13.47	0.01
SQU-DS	2025-11-20 05:00:00	5.17	32.90	0.50	7.25	10.85	13.51	0.01
SQU-DS	2025-11-20 05:15:00	5.17	32.95	0.50	7.26	10.85	10.99	0.01
SQU-DS	2025-11-20 05:30:00	5.16	32.66	0.50	7.23	10.84	9.92	0.01
SQU-DS	2025-11-20 05:45:00	5.16	32.53	0.50	7.27	10.83	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	2025-11-20 06:00:00	5.16	32.44	0.51	7.26	10.81	8.18	0.01
SQU-DS	2025-11-20 06:15:00	5.16	31.90	0.51	7.28	10.83	6.54	0.01
SQU-DS	2025-11-20 06:30:00	5.15	31.82	0.51	7.30	10.83	3.67	0.01
SQU-DS	2025-11-20 06:45:00	5.15	31.75	0.51	7.29	10.83	2.63	0.01
SQU-DS	2025-11-20 07:00:00	5.15	31.78	0.51	7.29	10.83	1.73	0.01
SQU-DS	2025-11-20 07:15:00	5.16	32.03	0.52	7.28	10.83	2.30	0.01
SQU-DS	2025-11-20 07:30:00	5.18	32.14	0.52	7.27	10.82	4.95	0.01
SQU-DS	2025-11-20 07:45:00	5.19	32.46	0.52	7.28	10.79	4.92	0.01
SQU-DS	2025-11-20 08:00:00	5.20	32.44	0.52	7.27	10.77	4.02	0.01
SQU-DS	2025-11-20 08:15:00	5.20	31.00	0.52	7.23	10.76	9.03	0.01
SQU-DS	2025-11-20 08:30:00	5.21	31.46	0.52	7.24	10.75	8.87	0.01
SQU-DS	2025-11-20 08:45:00	5.21	31.44	0.52	7.23	10.74	9.32	0.01
SQU-DS	2025-11-20 09:00:00	5.23	32.10	0.52	7.23	10.75	10.40	0.01
SQU-DS	2025-11-20 09:15:00	5.25	33.14	0.52	7.23	10.73	11.32	0.01
SQU-DS	2025-11-20 09:30:00	5.26	33.32	0.52	7.21	10.74	13.23	0.01
SQU-DS	2025-11-20 09:45:00	5.29	33.32	0.51	7.20	10.75	13.23	0.01
SQU-DS	2025-11-20 10:00:00	5.31	33.66	0.51	7.20	10.75	16.12	0.01
SQU-DS	2025-11-20 10:15:00	5.34	33.39	0.51	7.18	10.75	15.54	0.01
SQU-DS	2025-11-20 10:30:00	5.36	33.59	0.51	7.17	10.75	15.52	0.01
SQU-DS	2025-11-20 10:45:00	5.38	33.41	0.51	7.17	10.75	14.29	0.01
SQU-DS	2025-11-20 11:00:00	5.41	33.37	0.51	7.17	10.75	15.25	0.01
SQU-DS	2025-11-20 11:15:00	5.43	33.66	0.50	7.17	10.75	15.31	0.01
SQU-DS	2025-11-20 11:30:00	5.45	33.55	0.50	7.19	10.74	15.26	0.01
SQU-DS	2025-11-20 11:45:00	5.47	33.59	0.50	7.16	10.73	15.36	0.01
SQU-DS	2025-11-20 12:00:00	5.49	33.35	0.50	7.19	10.72	14.24	0.01
SQU-DS	2025-11-20 12:15:00	5.50	33.32	0.50	7.16	10.71	15.92	0.01
SQU-DS	2025-11-20 12:30:00	5.52	33.47	0.50	7.19	10.71	16.51	0.01
SQU-DS	2025-11-20 12:45:00	5.54	33.61	0.50	7.13	10.72	15.51	0.01
SQU-DS	2025-11-20 13:00:00	5.56	33.65	0.50	7.20	10.72	15.65	0.01
SQU-DS	2025-11-20 13:15:00	5.59	33.70	0.50	7.18	10.70	16.79	0.01
SQU-DS	2025-11-20 13:30:00	5.61	33.73	0.50	7.21	10.70	15.62	0.01
SQU-DS	2025-11-20 13:45:00	5.64	33.78	0.50	7.20	10.70	15.97	0.01
SQU-DS	2025-11-20 14:00:00	5.67	33.77	0.50	7.20	10.70	15.46	0.01
SQU-DS	2025-11-20 14:15:00	5.69	33.56	0.50	7.20	10.71	16.03	0.01
SQU-DS	2025-11-20 14:30:00	5.72	33.57	0.50	7.19	10.72	17.88	0.01
SQU-DS	2025-11-20 14:45:00	5.74	33.59	0.50	7.22	10.71	15.58	0.01
SQU-DS	2025-11-20 15:00:00	5.77	33.72	0.50	7.21	10.71	16.43	0.01
SQU-DS	2025-11-20 15:15:00	5.78	33.66	0.50	7.24	10.71	13.58	0.01
SQU-DS	2025-11-20 15:30:00	5.78	33.58	0.50	7.19	10.71	16.97	0.01
SQU-DS	2025-11-20 15:45:00	5.77	33.80	0.50	7.23	10.71	16.98	0.01
SQU-DS	2025-11-20 16:00:00	5.75	33.85	0.50	7.21	10.70	16.17	0.01
SQU-DS	2025-11-20 16:15:00	5.73	33.82	0.50	7.22	10.71	15.13	0.01
SQU-DS	2025-11-20 16:30:00	5.70	33.73	0.51	7.21	10.71	18.07	0.01
SQU-DS	2025-11-20 16:45:00	5.69	33.91	0.50	7.24	10.71	18.76	0.01
SQU-DS	2025-11-20 17:00:00	5.69	33.82	0.51	7.22	10.70	20.21	0.01
SQU-DS	2025-11-20 17:15:00	5.69	34.09	0.51	7.22	10.70	19.20	0.01
SQU-DS	2025-11-20 17:30:00	5.71	34.44	0.51	7.19	10.69	18.36	0.01
SQU-DS	2025-11-20 17:45:00	5.71	34.33	0.51	7.18	10.68	18.46	0.01
SQU-DS	2025-11-20 18:00:00	5.71	34.05	0.51	7.18	10.68	17.43	0.01
SQU-DS	2025-11-20 18:15:00	5.73	34.37	0.51	7.19	10.67	17.59	0.01
SQU-DS	2025-11-20 18:30:00	5.72	34.47	0.51	7.17	10.68	16.79	0.01
SQU-DS	2025-11-20 18:45:00	5.74	34.46	0.50	7.17	10.67	19.64	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	2025-11-20 19:00:00	5.73	34.66	0.50	7.19	10.68	17.79	0.01
SQU-DS	2025-11-20 19:15:00	5.71	34.48	0.50	7.17	10.67	15.68	0.01
SQU-DS	2025-11-20 19:30:00	5.71	34.36	0.50	7.19	10.66	17.02	0.01
SQU-DS	2025-11-20 19:45:00	5.71	34.46	0.50	7.15	10.67	16.93	0.01
SQU-DS	2025-11-20 20:00:00	5.70	34.52	0.49	7.20	10.66	17.98	0.01
SQU-DS	2025-11-20 20:15:00	5.71	34.40	0.49	7.18	10.66	17.13	0.01
SQU-DS	2025-11-20 20:30:00	5.71	34.45	0.49	7.17	10.66	17.83	0.01
SQU-DS	2025-11-20 20:45:00	5.71	34.34	0.49	7.21	10.67	18.74	0.01
SQU-DS	2025-11-20 21:00:00	5.71	34.26	0.49	7.19	10.67	20.32	0.01
SQU-DS	2025-11-20 21:15:00	5.71	34.52	0.49	7.19	10.67	19.99	0.01
SQU-DS	2025-11-20 21:30:00	5.71	34.24	0.49	7.19	10.68	17.65	0.01
SQU-DS	2025-11-20 21:45:00	5.71	34.43	0.49	7.17	10.67	18.07	0.01
SQU-DS	2025-11-20 22:00:00	5.71	34.58	0.49	7.19	10.68	17.20	0.01
SQU-DS	2025-11-20 22:15:00	5.71	34.37	0.49	7.17	10.68	18.28	0.01
SQU-DS	2025-11-20 22:30:00	5.71	34.60	0.49	7.16	10.69	17.63	0.01
SQU-DS	2025-11-20 22:45:00	5.71	34.39	0.49	7.20	10.68	17.49	0.01
SQU-DS	2025-11-20 23:00:00	5.72	34.59	0.49	7.20	10.68	15.52	0.01
SQU-DS	2025-11-20 23:15:00	5.71	34.38	0.49	7.18	10.68	17.84	0.01
SQU-DS	2025-11-20 23:30:00	5.71	34.29	0.49	7.18	10.68	16.32	0.01
SQU-DS	2025-11-20 23:45:00	5.71	34.23	0.49	7.21	10.67	15.18	0.01
SQU-DS	2025-11-21 00:00:00	5.71	34.18	0.49	7.15	10.67	16.10	0.01
SQU-DS	2025-11-21 00:15:00	5.71	34.14	0.49	7.18	10.66	20.24	0.01
SQU-DS	2025-11-21 00:30:00	5.71	34.09	0.49	7.17	10.67	16.64	0.01
SQU-DS	2025-11-21 00:45:00	5.71	34.07	0.49	7.20	10.68	19.61	0.01
SQU-DS	2025-11-21 01:00:00	5.71	33.96	0.49	7.17	10.67	23.17	0.01
SQU-DS	2025-11-21 01:15:00	5.71	33.85	0.49	7.19	10.68	18.19	0.01
SQU-DS	2025-11-21 01:30:00	5.71	33.91	0.48	7.19	10.68	18.92	0.01
SQU-DS	2025-11-21 01:45:00	5.71	33.87	0.48	7.17	10.68	18.18	0.01
SQU-DS	2025-11-21 02:00:00	5.71	33.84	0.48	7.20	10.68	17.64	0.01
SQU-DS	2025-11-21 02:15:00	5.71	33.81	0.48	7.18	10.69	17.67	0.01
SQU-DS	2025-11-21 02:30:00	5.71	33.72	0.48	7.20	10.68	17.76	0.01
SQU-DS	2025-11-21 02:45:00	5.71	33.66	0.48	7.19	10.68	17.82	0.01
SQU-DS	2025-11-21 03:00:00	5.71	33.68	0.48	7.20	10.69	17.20	0.01
SQU-DS	2025-11-21 03:15:00	5.71	34.00	0.48	7.17	10.68	17.51	0.01
SQU-DS	2025-11-21 03:30:00	5.71	33.76	0.48	7.19	10.69	18.07	0.01
SQU-DS	2025-11-21 03:45:00	5.71	33.82	0.48	7.20	10.70	18.47	0.01
SQU-DS	2025-11-21 04:00:00	5.71	33.83	0.48	7.18	10.69	17.30	0.01
SQU-DS	2025-11-21 04:15:00	5.72	33.73	0.47	7.22	10.69	16.32	0.01
SQU-DS	2025-11-21 04:30:00	5.71	33.84	0.48	7.22	10.71	17.91	0.01
SQU-DS	2025-11-21 04:45:00	5.71	33.77	0.48	7.22	10.71	17.06	0.01
SQU-DS	2025-11-21 05:00:00	5.71	33.61	0.48	7.23	10.71	17.57	0.01
SQU-DS	2025-11-21 05:15:00	5.71	33.51	0.48	7.25	10.72	17.22	0.01
SQU-DS	2025-11-21 05:30:00	5.71	33.40	0.48	7.26	10.72	16.13	0.01
SQU-DS	2025-11-21 05:45:00	5.70	33.29	0.49	7.27	10.71	16.01	0.01
SQU-DS	2025-11-21 06:00:00	5.70	33.43	0.49	7.27	10.71	14.29	0.01
SQU-DS	2025-11-21 06:15:00	5.71	33.56	0.49	7.28	10.69	13.20	0.01
SQU-DS	2025-11-21 06:30:00	5.71	33.53	0.49	7.30	10.69	12.20	0.01
SQU-DS	2025-11-21 06:45:00	5.71	33.46	0.50	7.31	10.69	10.94	0.01
SQU-DS	2025-11-21 07:00:00	5.71	33.41	0.50	7.29	10.67	8.26	0.01
SQU-DS	2025-11-21 07:15:00	5.72	33.49	0.50	7.30	10.65	8.46	0.01
SQU-DS	2025-11-21 07:30:00	5.73	33.67	0.50	7.29	10.67	9.00	0.01
SQU-DS	2025-11-21 07:45:00	5.74	33.72	0.51	7.28	10.66	7.10	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	2025-11-21 08:00:00	5.76	34.27	0.51	7.29	10.65	5.97	0.01
SQU-DS	2025-11-21 08:15:00	5.76	34.32	0.51	7.30	10.65	4.95	0.01
SQU-DS	2025-11-21 08:30:00	5.77	34.50	0.51	7.29	10.63	4.53	0.01
SQU-DS	2025-11-21 08:45:00	5.78	33.67	0.51	7.29	10.62	5.00	0.01
SQU-DS	2025-11-21 09:00:00	5.79	33.63	0.51	7.29	10.62	4.40	0.01
SQU-DS	2025-11-21 09:15:00	5.80	33.88	0.51	7.27	10.60	7.54	0.01
SQU-DS	2025-11-21 09:30:00	5.82	34.13	0.51	7.26	10.59	8.83	0.01
SQU-DS	2025-11-21 09:45:00	5.83	34.19	0.51	7.25	10.60	12.04	0.01
SQU-DS	2025-11-21 10:00:00	5.86	34.79	0.51	7.26	10.60	13.99	0.01
SQU-DS	2025-11-21 10:15:00	5.87	34.40	0.51	7.22	10.59	15.35	0.01
SQU-DS	2025-11-21 10:30:00	5.89	34.37	0.51	7.23	10.61	15.50	0.01
SQU-DS	2025-11-21 10:45:00	5.90	34.29	0.51	7.25	10.61	15.44	0.01
SQU-DS	2025-11-21 11:00:00	5.92	34.39	0.51	7.25	10.61	14.45	0.01
SQU-DS	2025-11-21 11:15:00	5.93	34.37	0.51	7.21	10.61	18.28	0.01
SQU-DS	2025-11-21 11:30:00	5.95	34.36	0.51	7.21	10.60	15.97	0.01
SQU-DS	2025-11-21 11:45:00	5.96	34.34	0.50	7.22	10.59	16.44	0.01
SQU-DS	2025-11-21 12:00:00	5.99	34.44	0.50	7.20	10.58	17.42	0.01
SQU-DS	2025-11-21 12:15:00	6.00	34.35	0.50	7.19	10.60	16.29	0.01
SQU-DS	2025-11-21 12:30:00	6.02	34.52	0.50	7.21	10.59	16.59	0.01
SQU-DS	2025-11-21 12:45:00	6.03	34.35	0.50	7.24	10.60	18.88	0.01
SQU-DS	2025-11-21 13:00:00	6.04	34.37	0.50	7.23	10.60	15.61	0.01
SQU-DS	2025-11-21 13:15:00	6.05	34.34	0.50	7.18	10.61	17.76	0.01
SQU-DS	2025-11-21 13:30:00	6.06	34.36	0.49	7.24	10.60	16.09	0.01
SQU-DS	2025-11-21 13:45:00	6.08	34.44	0.50	7.22	10.58	17.52	0.01
SQU-DS	2025-11-21 14:00:00	6.08	34.42	0.49	7.25	10.59	17.09	0.01
SQU-DS	2025-11-21 14:15:00	6.08	34.37	0.50	7.22	10.58	17.35	0.01
SQU-DS	2025-11-21 14:30:00	6.09	34.35	0.50	7.23	10.58	16.16	0.01
SQU-DS	2025-11-21 14:45:00	6.09	34.45	0.50	7.23	10.57	17.35	0.01
SQU-DS	2025-11-21 15:00:00	6.10	34.40	0.50	7.25	10.58	16.93	0.01
SQU-DS	2025-11-21 15:15:00	6.10	34.37	0.50	7.26	10.58	16.34	0.01
SQU-DS	2025-11-21 15:30:00	6.10	34.38	0.50	7.25	10.58	15.62	0.01
SQU-DS	2025-11-21 15:45:00	6.10	34.35	0.50	7.22	10.57	16.93	0.01
SQU-DS	2025-11-21 16:00:00	6.10	34.33	0.50	7.26	10.57	16.53	0.01
SQU-DS	2025-11-21 16:15:00	6.11	34.32	0.50	7.24	10.57	16.66	0.01
SQU-DS	2025-11-21 16:30:00	6.11	34.25	0.50	7.27	10.56	15.59	0.01
SQU-DS	2025-11-21 16:45:00	6.11	34.30	0.51	7.24	10.55	16.23	0.01
SQU-DS	2025-11-21 17:00:00	6.11	34.34	0.51	7.24	10.54	16.70	0.01
SQU-DS	2025-11-21 17:15:00	6.12	34.44	0.51	7.22	10.54	18.31	0.01
SQU-DS	2025-11-21 17:30:00	6.12	34.47	0.51	7.25	10.55	17.96	0.01
SQU-DS	2025-11-21 17:45:00	6.12	34.53	0.51	7.23	10.54	19.17	0.01
SQU-DS	2025-11-21 18:00:00	6.13	34.67	0.51	7.25	10.54	16.92	0.01
SQU-DS	2025-11-21 18:15:00	6.13	34.64	0.51	7.20	10.54	18.05	0.01
SQU-DS	2025-11-21 18:30:00	6.13	34.74	0.51	7.19	10.53	16.23	0.01
SQU-DS	2025-11-21 18:45:00	6.14	34.64	0.50	7.23	10.52	16.55	0.01
SQU-DS	2025-11-21 19:00:00	6.14	34.77	0.50	7.22	10.51	16.36	0.01
SQU-DS	2025-11-21 19:15:00	6.15	34.65	0.50	7.20	10.50	15.91	0.01
SQU-DS	2025-11-21 19:30:00	6.15	34.53	0.50	7.18	10.51	15.56	0.01
SQU-DS	2025-11-21 19:45:00	6.15	34.87	0.50	7.19	10.51	18.25	0.01
SQU-DS	2025-11-21 20:00:00	6.15	34.64	0.50	7.22	10.52	16.57	0.01
SQU-DS	2025-11-21 20:15:00	6.16	34.63	0.49	7.23	10.51	15.11	0.01
SQU-DS	2025-11-21 20:30:00	6.16	34.63	0.50	7.21	10.51	18.07	0.01
SQU-DS	2025-11-21 20:45:00	6.16	34.58	0.50	7.20	10.52	15.48	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	2025-11-21 21:00:00	6.16	34.57	0.50	7.19	10.51	15.57	0.01
SQU-DS	2025-11-21 21:15:00	6.16	34.56	0.50	7.22	10.52	14.71	0.01
SQU-DS	2025-11-21 21:30:00	6.17	34.55	0.50	7.20	10.52	15.19	0.01
SQU-DS	2025-11-21 21:45:00	6.18	34.62	0.50	7.20	10.53	14.44	0.01
SQU-DS	2025-11-21 22:00:00	6.18	34.51	0.50	7.22	10.54	14.06	0.01
SQU-DS	2025-11-21 22:15:00	6.18	34.50	0.49	7.22	10.52	15.07	0.01
SQU-DS	2025-11-21 22:30:00	6.18	34.40	0.49	7.21	10.53	15.59	0.01
SQU-DS	2025-11-21 22:45:00	6.19	34.34	0.49	7.21	10.53	16.49	0.01
SQU-DS	2025-11-21 23:00:00	6.19	34.24	0.49	7.20	10.54	17.43	0.01
SQU-DS	2025-11-21 23:15:00	6.19	34.15	0.49	7.19	10.53	14.92	0.01
SQU-DS	2025-11-21 23:30:00	6.19	34.19	0.49	7.21	10.53	14.34	0.01
SQU-DS	2025-11-21 23:45:00	6.19	34.19	0.49	7.22	10.51	14.50	0.01
SQU-DS	2025-11-22 00:00:00	6.20	34.20	0.49	7.21	10.51	14.99	0.01
SQU-DS	2025-11-22 00:15:00	6.20	34.00	0.49	7.20	10.50	13.10	0.01
SQU-DS	2025-11-22 00:30:00	6.20	34.14	0.49	7.21	10.50	12.74	0.01
SQU-DS	2025-11-22 00:45:00	6.20	34.13	0.49	7.23	10.50	12.60	0.01
SQU-DS	2025-11-22 01:00:00	6.20	34.03	0.49	7.22	10.49	11.67	0.01
SQU-DS	2025-11-22 01:15:00	6.20	33.97	0.49	7.20	10.50	13.96	0.01
SQU-DS	2025-11-22 01:30:00	6.20	34.04	0.49	7.21	10.50	13.84	0.01
SQU-DS	2025-11-22 01:45:00	6.21	33.99	0.49	7.20	10.49	12.77	0.01
SQU-DS	2025-11-22 02:00:00	6.21	33.98	0.49	7.22	10.49	13.87	0.01
SQU-DS	2025-11-22 02:15:00	6.21	33.83	0.49	7.23	10.50	12.61	0.01
SQU-DS	2025-11-22 02:30:00	6.21	33.72	0.49	7.23	10.49	13.22	0.01
SQU-DS	2025-11-22 02:45:00	6.21	33.86	0.49	7.23	10.48	13.53	0.01
SQU-DS	2025-11-22 03:00:00	6.21	33.85	0.49	7.23	10.48	13.67	0.01
SQU-DS	2025-11-22 03:15:00	6.21	33.78	0.49	7.20	10.48	13.38	0.01
SQU-DS	2025-11-22 03:30:00	6.21	33.76	0.49	7.21	10.48	14.32	0.01
SQU-DS	2025-11-22 03:45:00	6.21	33.67	0.49	7.21	10.49	14.44	0.01
SQU-DS	2025-11-22 04:00:00	6.21	33.63	0.49	7.24	10.49	13.79	0.01
SQU-DS	2025-11-22 04:15:00	6.21	33.61	0.49	7.21	10.48	13.50	0.01
SQU-DS	2025-11-22 04:30:00	6.22	33.67	0.49	7.24	10.49	14.64	0.01
SQU-DS	2025-11-22 04:45:00	6.22	33.66	0.49	7.24	10.48	13.78	0.01
SQU-DS	2025-11-22 05:00:00	6.22	33.57	0.49	7.22	10.49	13.54	0.01
SQU-DS	2025-11-22 05:15:00	6.22	33.53	0.49	7.25	10.48	13.00	0.01
SQU-DS	2025-11-22 05:30:00	6.22	33.31	0.49	7.26	10.49	13.65	0.01
SQU-DS	2025-11-22 05:45:00	6.22	33.18	0.50	7.25	10.51	14.47	0.01
SQU-DS	2025-11-22 06:00:00	6.21	33.02	0.50	7.28	10.51	14.50	0.01
SQU-DS	2025-11-22 06:15:00	6.21	33.01	0.50	7.28	10.50	11.66	0.01
SQU-DS	2025-11-22 06:30:00	6.21	32.90	0.50	7.29	10.48	9.51	0.01
SQU-DS	2025-11-22 06:45:00	6.21	32.85	0.50	7.31	10.48	9.73	0.01
SQU-DS	2025-11-22 07:00:00	6.21	32.81	0.51	7.28	10.48	6.91	0.01
SQU-DS	2025-11-22 07:15:00	6.22	32.80	0.51	7.30	10.49	5.09	0.01
SQU-DS	2025-11-22 07:30:00	6.22	32.76	0.51	7.27	10.50	3.17	0.01
SQU-DS	2025-11-22 07:45:00	6.22	32.59	0.51	7.30	10.52	1.59	0.01
SQU-DS	2025-11-22 08:00:00	6.22	31.96	0.52	7.31	10.53	0.92	0.01
SQU-DS	2025-11-22 08:15:00	6.22	30.61	0.52	7.31	10.55	0.49	0.01
SQU-DS	2025-11-22 08:30:00	6.23	30.48	0.52	7.30	10.56	0.03	0.01
SQU-DS	2025-11-22 08:45:00	6.25	30.43	0.52	7.30	10.58	0.00	0.01
SQU-DS	2025-11-22 09:00:00	6.28	30.61	0.52	7.31	10.58	0.00	0.01
SQU-DS	2025-11-22 09:15:00	6.28	30.20	0.52	7.32	10.57	0.00	0.01
SQU-DS	2025-11-22 09:30:00	6.29	29.74	0.52	7.32	10.57	0.00	0.01
SQU-DS	2025-11-22 09:45:00	6.30	29.38	0.52	7.32	10.57	0.00	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-DS	2025-11-22 10:00:00	6.30	29.00	0.53	7.31	10.55	0.00	0.01
SQU-DS	2025-11-22 10:15:00	6.30	28.60	0.53	7.30	10.56	0.91	0.01
SQU-DS	2025-11-22 10:30:00	6.32	28.64	0.53	7.31	10.55	0.69	0.01
SQU-DS	2025-11-22 10:45:00	6.32	28.45	0.53	7.30	10.56	3.78	0.01
SQU-DS	2025-11-22 11:00:00	6.33	28.41	0.53	7.29	10.56	3.60	0.01
SQU-DS	2025-11-22 11:15:00	6.33	28.40	0.53	7.30	10.56	4.30	0.01
SQU-DS	2025-11-22 11:30:00	6.31	28.16	0.53	7.30	10.57	4.70	0.01
SQU-DS	2025-11-22 11:45:00	6.31	28.14	0.53	7.29	10.57	5.01	0.01
SQU-DS	2025-11-22 12:00:00	6.31	28.36	0.53	7.29	10.60	6.43	0.01
SQU-DS	2025-11-22 12:15:00	6.32	28.11	0.53	7.26	10.60	9.70	0.01
SQU-DS	2025-11-22 12:30:00	6.33	27.85	0.53	7.28	10.60	10.23	0.01
SQU-DS	2025-11-22 12:45:00	6.33	27.36	0.53	7.29	10.62	10.53	0.01
SQU-DS	2025-11-22 13:00:00	6.34	27.46	0.53	7.30	10.63	13.73	0.01
SQU-DS	2025-11-22 13:15:00	6.34	27.27	0.53	7.29	10.65	13.64	0.01
SQU-DS	2025-11-22 13:30:00	6.34	27.13	0.52	7.30	10.68	12.19	0.01
SQU-DS	2025-11-22 13:45:00	6.36	26.83	0.53	7.30	10.68	9.18	0.01
SQU-DS	2025-11-22 14:00:00	6.38	39.48	0.52	7.29	11.20	29.60	0.02
SQU-DS	2025-11-22 14:15:00	6.39	38.93	0.52	7.31	11.17	22.79	0.02
SQU-DS	2025-11-22 14:30:00	6.38	37.54	0.52	7.35	11.18	18.39	0.02
SQU-DS	2025-11-22 14:45:00	6.37	36.31	0.52	7.39	11.02	18.37	0.02
SQU-DS	2025-11-22 15:00:00	6.38	33.74	0.52	7.37	10.98	17.15	0.01
SQU-DS	2025-11-22 15:15:00	6.37	30.73	0.52	7.36	10.93	18.77	0.01
SQU-DS	2025-11-22 15:30:00	6.38	27.78	0.52	7.41	10.84	14.64	0.01
SQU-DS	2025-11-22 15:45:00	6.38	26.04	0.52	7.41	10.78	22.36	0.01
SQU-DS	2025-11-22 16:00:00	6.38	25.33	0.52	7.38	10.70	23.99	0.01
SQU-DS	2025-11-22 16:15:00	6.39	23.63	0.52	7.35	10.70	25.25	0.01
SQU-DS	2025-11-22 16:30:00	6.39	23.28	0.52	7.40	10.78	27.67	0.01
SQU-DS	2025-11-22 16:45:00	6.40	23.62	0.51	7.44	11.04	43.59	0.01
SQU-DS	2025-11-22 17:00:00	6.40	23.15	0.52	7.40	11.23	22.42	0.01
SQU-DS	2025-11-22 17:15:00	6.41	23.38	0.52	7.38	11.34	31.65	0.01
SQU-DS	2025-11-22 17:30:00	6.43	23.16	0.52	7.40	11.41	21.39	0.01
SQU-DS	2025-11-22 17:45:00	6.45	23.25	0.52	7.39	11.44	28.79	0.01
SQU-DS	2025-11-22 18:00:00	6.45	22.82	0.52	7.43	11.45	25.99	0.01
SQU-DS	2025-11-22 18:15:00	6.45	22.92	0.52	7.40	11.45	26.03	0.01
SQU-DS	2025-11-22 18:30:00	6.47	22.87	0.52	7.36	11.46	31.01	0.01
SQU-DS	2025-11-22 18:45:00	6.48	23.21	0.52	7.33	11.45	24.93	0.01
SQU-DS	2025-11-22 19:00:00	6.49	22.96	0.52	7.35	11.46	27.11	0.01
SQU-DS	2025-11-22 19:15:00	6.49	22.86	0.52	7.34	11.46	31.99	0.01
SQU-DS	2025-11-22 19:30:00	6.50	22.97	0.52	7.32	11.45	35.35	0.01
SQU-DS	2025-11-22 19:45:00	6.53	23.21	0.53	7.31	11.45	23.56	0.01
SQU-DS	2025-11-22 20:00:00	6.54	21.69	0.53	7.27	11.45	30.89	0.01
SQU-DS	2025-11-22 20:15:00	6.53	21.43	0.52	7.40	11.46	35.82	0.01
SQU-DS	2025-11-22 20:30:00	6.55	21.30	0.53	7.28	11.45	26.22	0.01
SQU-DS	2025-11-22 20:45:00	6.57	21.43	0.53	7.34	11.47	35.74	0.01
SQU-DS	2025-11-22 21:00:00	6.56	21.51	0.53	7.33	11.48	34.38	0.01
SQU-DS	2025-11-22 21:15:00	6.57	21.12	0.52	7.37	11.49	34.67	0.01
SQU-DS	2025-11-22 21:30:00	6.56	21.36	0.52	7.38	11.49	39.52	0.01
SQU-DS	2025-11-22 21:45:00	6.57	21.60	0.53	7.23	11.52	43.25	0.01
SQU-DS	2025-11-22 22:00:00	6.56	20.91	0.53	7.26	11.53	55.21	0.01
SQU-DS	2025-11-22 22:15:00	6.57	20.95	0.53	7.38	11.53	43.40	0.01
SQU-DS	2025-11-22 22:30:00	6.57	20.80	0.53	7.30	11.56	54.11	0.01
SQU-DS	2025-11-22 22:45:00	6.57	20.30	0.53	7.36	11.59	36.89	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	2025-11-22 23:00:00	6.57	19.86	0.53	7.31	11.63	47.96	0.01
SQU-DS	2025-11-22 23:15:00	6.58	21.26	0.53	7.27	11.64	52.82	0.01
SQU-DS	2025-11-22 23:30:00	6.58	19.49	0.53	7.25	11.67	55.13	0.01
SQU-DS	2025-11-22 23:45:00	6.60	25.40	0.53	7.35	11.78	58.63	0.01
SQU-DS	2025-11-23 00:00:00	6.60	24.90	0.53	7.37	11.79	49.76	0.01
SQU-DS	2025-11-23 00:15:00	6.59	24.67	0.53	7.33	11.82	45.28	0.01
SQU-DS	2025-11-23 00:30:00	6.59	24.54	0.53	7.30	11.82	51.00	0.01
SQU-DS	2025-11-23 00:45:00	6.60	24.15	0.53	7.29	11.82	42.35	0.01
SQU-DS	2025-11-23 01:00:00	6.60	23.97	0.53	7.29	11.85	45.60	0.01
SQU-DS	2025-11-23 01:15:00	6.60	23.74	0.53	7.27	11.86	47.14	0.01
SQU-DS	2025-11-23 01:30:00	6.60	23.59	0.53	7.25	11.85	44.50	0.01
SQU-DS	2025-11-23 01:45:00	6.59	23.43	0.54	7.24	11.88	41.99	0.01
SQU-DS	2025-11-23 02:00:00	6.58	23.10	0.53	7.28	11.88	40.92	0.01
SQU-DS	2025-11-23 02:15:00	6.57	22.84	0.53	7.34	11.88	37.37	0.01
SQU-DS	2025-11-23 02:30:00	6.57	22.83	0.53	7.26	11.86	24.48	0.01
SQU-DS	2025-11-23 02:45:00	6.56	23.02	0.53	7.39	11.85	28.09	0.01
SQU-DS	2025-11-23 03:00:00	6.56	22.74	0.53	7.31	11.84	28.79	0.01
SQU-DS	2025-11-23 03:15:00	6.55	22.78	0.54	7.21	11.83	55.21	0.01
SQU-DS	2025-11-23 03:30:00	6.56	22.79	0.54	7.19	11.81	39.60	0.01
SQU-DS	2025-11-23 03:45:00	6.55	22.96	0.53	7.32	11.80	27.05	0.01
SQU-DS	2025-11-23 04:00:00	6.55	22.80	0.53	7.31	11.79	28.32	0.01
SQU-DS	2025-11-23 04:15:00	6.55	23.31	0.53	7.32	11.76	37.96	0.01
SQU-DS	2025-11-23 04:30:00	6.55	22.96	0.53	7.32	11.75	21.43	0.01
SQU-DS	2025-11-23 04:45:00	6.55	22.85	0.53	7.28	11.73	24.90	0.01
SQU-DS	2025-11-23 05:00:00	6.54	23.03	0.53	7.30	11.72	33.76	0.01
SQU-DS	2025-11-23 05:15:00	6.54	23.25	0.53	7.37	11.71	29.21	0.01
SQU-DS	2025-11-23 05:30:00	6.54	23.35	0.54	7.18	11.68	29.19	0.01
SQU-DS	2025-11-23 05:45:00	6.54	23.18	0.54	7.23	11.67	37.44	0.01
SQU-DS	2025-11-23 06:00:00	6.54	23.59	0.54	7.11	11.66	37.28	0.01
SQU-DS	2025-11-23 06:15:00	6.54	23.47	0.53	7.28	11.65	36.72	0.01
SQU-DS	2025-11-23 06:30:00	6.55	23.73	0.53	7.42	11.64	27.15	0.01
SQU-DS	2025-11-23 06:45:00	6.55	23.48	0.53	7.40	11.64	29.91	0.01
SQU-DS	2025-11-23 07:00:00	6.55	23.72	0.53	7.40	11.61	19.69	0.01
SQU-DS	2025-11-23 07:15:00	6.55	23.93	0.53	7.31	11.61	25.04	0.01
SQU-DS	2025-11-23 07:30:00	6.55	24.08	0.53	7.37	11.61	18.29	0.01
SQU-DS	2025-11-23 07:45:00	6.54	23.64	0.53	7.34	11.61	19.28	0.01
SQU-DS	2025-11-23 08:00:00	6.55	23.96	0.53	7.30	11.60	18.85	0.01
SQU-DS	2025-11-23 08:15:00	6.55	24.21	0.53	7.32	11.58	15.12	0.01
SQU-DS	2025-11-23 08:30:00	6.55	24.23	0.53	7.37	11.57	16.49	0.01
SQU-DS	2025-11-23 08:45:00	6.55	24.19	0.53	7.34	11.56	10.36	0.01
SQU-DS	2025-11-23 09:00:00	6.56	24.50	0.53	7.28	11.55	19.20	0.01
SQU-DS	2025-11-23 09:15:00	6.56	24.25	0.53	7.36	11.54	10.17	0.01
SQU-DS	2025-11-23 09:30:00	6.57	24.65	0.53	7.30	11.54	7.26	0.01
SQU-DS	2025-11-23 09:45:00	6.57	25.11	0.53	7.36	11.52	20.70	0.01
SQU-DS	2025-11-23 10:00:00	6.58	24.93	0.53	7.33	11.51	9.25	0.01
SQU-DS	2025-11-23 10:15:00	6.58	25.69	0.52	7.37	11.51	9.08	0.01
SQU-DS	2025-11-23 10:30:00	6.59	26.25	0.52	7.40	11.50	14.63	0.01
SQU-DS	2025-11-23 10:45:00	6.60	25.51	0.52	7.33	11.48	17.27	0.01
SQU-DS	2025-11-23 11:00:00	6.61	25.52	0.52	7.36	11.47	12.18	0.01
SQU-DS	2025-11-23 11:15:00	6.62	25.47	0.52	7.39	11.46	15.06	0.01
SQU-DS	2025-11-23 11:30:00	6.61	26.19	0.52	7.36	11.43	7.66	0.01
SQU-DS	2025-11-23 11:45:00	6.60	25.86	0.52	7.35	11.42	18.40	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	2025-11-23 12:00:00	6.60	26.26	0.51	7.38	11.41	10.22	0.01
SQU-DS	2025-11-23 12:15:00	6.60	26.31	0.51	7.32	11.38	15.26	0.01
SQU-DS	2025-11-23 12:30:00	6.60	26.91	0.51	7.30	11.39	13.90	0.01
SQU-DS	2025-11-23 12:45:00	6.61	26.45	0.51	7.36	11.38	15.65	0.01
SQU-DS	2025-11-23 13:00:00	6.61	27.40	0.52	7.27	11.35	10.02	0.01
SQU-DS	2025-11-23 13:15:00	6.62	26.93	0.51	7.34	11.34	25.99	0.01
SQU-DS	2025-11-23 13:30:00	6.61	26.97	0.52	7.33	11.32	8.15	0.01
SQU-DS	2025-11-23 13:45:00	6.61	25.84	0.53	7.30	11.29	7.43	0.01
SQU-DS	2025-11-23 14:00:00	6.60	24.78	0.53	7.28	11.28	16.00	0.01
SQU-DS	2025-11-23 14:15:00	6.59	25.03	0.53	7.31	11.27	9.94	0.01
SQU-DS	2025-11-23 14:30:00	6.58	24.53	0.53	7.29	11.27	9.95	0.01
SQU-DS	2025-11-23 14:45:00	6.56	23.86	0.53	7.27	11.25	6.83	0.01
SQU-DS	2025-11-23 15:00:00	6.53	23.31	0.54	7.25	11.23	3.46	0.01
SQU-DS	2025-11-23 15:15:00	6.51	23.97	0.54	7.23	11.24	8.23	0.01
SQU-DS	2025-11-23 15:30:00	6.49	24.59	0.54	7.24	11.22	12.63	0.01
SQU-DS	2025-11-23 15:45:00	6.48	24.77	0.53	7.34	11.22	11.81	0.01
SQU-DS	2025-11-23 16:00:00	6.47	24.12	0.54	7.30	11.20	2.59	0.01
SQU-DS	2025-11-23 16:15:00	6.46	23.83	0.54	7.27	11.20	2.76	0.01
SQU-DS	2025-11-23 16:30:00	6.45	24.83	0.54	7.26	11.19	8.03	0.01
SQU-DS	2025-11-23 16:45:00	6.44	24.15	0.54	7.23	11.20	8.52	0.01
SQU-DS	2025-11-23 17:00:00	6.44	24.23	0.54	7.23	11.18	5.34	0.01
SQU-DS	2025-11-23 17:15:00	6.43	24.40	0.54	7.24	11.19	0.84	0.01
SQU-DS	2025-11-23 17:30:00	6.42	24.02	0.54	7.23	11.17	1.18	0.01
SQU-DS	2025-11-23 17:45:00	6.41	25.00	0.54	7.24	11.17	4.77	0.01
SQU-DS	2025-11-23 18:00:00	6.40	25.69	0.54	7.30	11.17	3.23	0.01
SQU-DS	2025-11-23 18:15:00	6.39	26.20	0.54	7.28	11.17	4.60	0.01
SQU-DS	2025-11-23 18:30:00	6.39	26.06	0.54	7.27	11.17	3.54	0.01
SQU-DS	2025-11-23 18:45:00	6.37	25.86	0.54	7.27	11.15	6.61	0.01
SQU-DS	2025-11-23 19:00:00	6.36	25.72	0.54	7.23	11.15	9.23	0.01
SQU-DS	2025-11-23 19:15:00	6.36	27.03	0.54	7.29	11.14	4.70	0.01
SQU-DS	2025-11-23 19:30:00	6.34	27.09	0.54	7.33	11.14	3.78	0.01
SQU-DS	2025-11-23 19:45:00	6.34	27.92	0.54	7.24	11.14	5.49	0.01
SQU-DS	2025-11-23 20:00:00	6.33	27.39	0.54	7.29	11.14	4.63	0.01
SQU-DS	2025-11-23 20:15:00	6.32	26.95	0.54	7.27	11.12	7.79	0.01
SQU-DS	2025-11-23 20:30:00	6.30	28.35	0.54	7.22	11.13	7.48	0.01
SQU-DS	2025-11-23 20:45:00	6.29	28.25	0.54	7.26	11.13	8.43	0.01
SQU-DS	2025-11-23 21:00:00	6.27	28.63	0.53	7.29	11.13	9.57	0.01
SQU-DS	2025-11-23 21:15:00	6.26	28.53	0.53	7.28	11.11	8.82	0.01
SQU-DS	2025-11-23 21:30:00	6.24	29.12	0.53	7.23	11.12	8.14	0.01
SQU-DS	2025-11-23 21:45:00	6.22	29.53	0.53	7.26	11.12	12.65	0.01
SQU-DS	2025-11-23 22:00:00	6.21	29.30	0.53	7.26	11.11	7.33	0.01
SQU-DS	2025-11-23 22:15:00	6.19	28.78	0.53	7.25	11.11	5.94	0.01
SQU-DS	2025-11-23 22:30:00	6.18	30.28	0.52	7.34	11.11	7.38	0.01
SQU-DS	2025-11-23 22:45:00	6.16	30.38	0.52	7.33	11.11	9.23	0.01
SQU-DS	2025-11-23 23:00:00	6.14	30.53	0.52	7.32	11.12	9.27	0.01
SQU-DS	2025-11-23 23:15:00	6.13	30.18	0.52	7.29	11.12	7.63	0.01
SQU-DS	2025-11-23 23:30:00	6.11	29.49	0.52	7.27	11.11	8.45	0.01
SQU-DS	2025-11-23 23:45:00	6.09	29.48	0.52	7.28	11.13	11.53	0.01
SQU-US	2025-11-17 00:00:00		41.65			11.83		0.02
SQU-US	2025-11-17 00:15:00	6.99	41.37	0.29	6.98	11.81	13.18	0.02
SQU-US	2025-11-17 00:30:00	7.00	41.80	0.29	7.03	11.81	15.09	0.02
SQU-US	2025-11-17 00:45:00	6.98	41.22	0.29	6.99	11.81	15.53	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	2025-11-17 01:00:00		40.85			11.84		0.02
SQU-US	2025-11-17 01:15:00	6.98	40.57	0.29	7.08	11.85	21.03	0.02
SQU-US	2025-11-17 01:30:00	6.97	40.37	0.29	7.07	11.86	19.66	0.02
SQU-US	2025-11-17 01:45:00	6.98	40.28	0.29	7.03	11.85	19.42	0.02
SQU-US	2025-11-17 02:00:00	6.98	40.29	0.29	7.03	11.86	16.33	0.02
SQU-US	2025-11-17 02:15:00	6.97	39.55	0.30	7.02	11.87	23.55	0.02
SQU-US	2025-11-17 02:30:00	6.97	39.43	0.30	7.01	11.89	17.47	0.02
SQU-US	2025-11-17 02:45:00	6.97	39.41	0.30	7.04	11.90	20.03	0.02
SQU-US	2025-11-17 03:00:00	6.96	38.92	0.30	7.03	11.90	23.42	0.02
SQU-US	2025-11-17 03:15:00	6.96	38.57	0.30	7.05	11.94	32.40	0.02
SQU-US	2025-11-17 03:30:00	6.94	37.93	0.30	7.07	11.97	35.53	0.02
SQU-US	2025-11-17 03:45:00	6.93	37.65	0.30	7.09	11.99	34.37	0.02
SQU-US	2025-11-17 04:00:00	6.94	37.57	0.30	7.09	11.99	35.35	0.02
SQU-US	2025-11-17 04:15:00	6.94	37.42	0.30	7.10	12.00	43.55	0.02
SQU-US	2025-11-17 04:30:00	6.94	37.34	0.30	7.13	12.02	47.69	0.02
SQU-US	2025-11-17 04:45:00	6.95	37.20	0.30	7.11	12.02	48.33	0.02
SQU-US	2025-11-17 05:00:00	6.94	36.82	0.30	7.12	12.03	57.80	0.02
SQU-US	2025-11-17 05:15:00	6.94	36.97	0.30	7.09	12.02	63.31	0.02
SQU-US	2025-11-17 05:30:00	6.93	36.59	0.30	7.08	12.02	61.17	0.02
SQU-US	2025-11-17 05:45:00	6.93	35.99	0.30	7.08	12.05	53.04	0.02
SQU-US	2025-11-17 06:00:00	6.93	35.51	0.30	7.08	12.06	53.51	0.02
SQU-US	2025-11-17 06:15:00	6.93	35.27	0.30	7.12	12.07	62.48	0.02
SQU-US	2025-11-17 06:30:00	6.92	35.11	0.30	7.08	12.07	70.92	0.02
SQU-US	2025-11-17 06:45:00	6.92	34.71	0.30	7.09	12.09	66.91	0.01
SQU-US	2025-11-17 07:00:00	6.92	34.68	0.31	7.06	12.09	49.12	0.01
SQU-US	2025-11-17 07:15:00	6.92	34.65	0.31	7.07	12.10	55.41	0.01
SQU-US	2025-11-17 07:30:00	6.91	34.13	0.30	7.08	12.12	73.98	0.01
SQU-US	2025-11-17 07:45:00	6.89	33.56	0.31	7.05	12.13	66.75	0.01
SQU-US	2025-11-17 08:00:00	6.89	33.74	0.30	7.08	12.13	79.49	0.01
SQU-US	2025-11-17 08:15:00	6.89	33.70	0.31	7.02	12.13	57.59	0.01
SQU-US	2025-11-17 08:30:00	6.89	33.45	0.31	7.04	12.14	56.55	0.01
SQU-US	2025-11-17 08:45:00	6.88	32.93	0.31	7.06	12.16	59.73	0.01
SQU-US	2025-11-17 09:00:00	6.88	32.89	0.31	7.06	12.17	63.09	0.01
SQU-US	2025-11-17 09:15:00	6.87	32.63	0.31	7.08	12.18	56.71	0.01
SQU-US	2025-11-17 09:30:00	6.88	32.88	0.31	7.06	12.18	62.26	0.01
SQU-US	2025-11-17 09:45:00	6.88	33.07	0.31	7.02	12.18	60.47	0.01
SQU-US	2025-11-17 10:00:00	6.88	32.89	0.31	7.02	12.19	57.67	0.01
SQU-US	2025-11-17 10:15:00	6.86	32.16	0.31	7.05	12.21	66.85	0.01
SQU-US	2025-11-17 10:30:00	6.86	31.91	0.31	7.07	12.24	61.49	0.01
SQU-US	2025-11-17 10:45:00	6.85	31.77	0.31	7.05	12.25	76.67	0.01
SQU-US	2025-11-17 11:00:00	6.85	31.67	0.31	7.06	12.26	75.80	0.01
SQU-US	2025-11-17 11:15:00	6.85	31.43	0.31	7.03	12.28	71.57	0.01
SQU-US	2025-11-17 11:30:00	6.84	31.39	0.31	7.04	12.30	69.02	0.01
SQU-US	2025-11-17 11:45:00	6.82	30.88	0.31	7.09	12.31	50.12	0.01
SQU-US	2025-11-17 12:00:00	6.81	30.77	0.31	7.07	12.32	69.82	0.01
SQU-US	2025-11-17 12:15:00	6.80	30.75	0.31	7.07	12.33	87.82	0.01
SQU-US	2025-11-17 12:30:00	6.78	30.45	0.31	7.10	12.36	74.64	0.01
SQU-US	2025-11-17 12:45:00	6.78	30.36	0.31	7.09	12.36	66.96	0.01
SQU-US	2025-11-17 13:00:00	6.76	29.99	0.31	7.06	12.36	69.14	0.01
SQU-US	2025-11-17 13:15:00	6.75	30.05	0.31	7.09	12.37	72.19	0.01
SQU-US	2025-11-17 13:30:00	6.74	30.01	0.31	7.03	12.37	73.48	0.01
SQU-US	2025-11-17 13:45:00	6.74	30.11	0.31	7.05	12.36	77.18	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	2025-11-17 14:00:00	6.73	29.92	0.31	7.06	12.37	69.59	0.01
SQU-US	2025-11-17 14:15:00	6.73	29.93	0.31	7.04	12.38	66.65	0.01
SQU-US	2025-11-17 14:30:00	6.71	29.54	0.31	7.06	12.38	80.68	0.01
SQU-US	2025-11-17 14:45:00	6.72	29.76	0.31	7.08	12.38	62.39	0.01
SQU-US	2025-11-17 15:00:00	6.72	29.86	0.31	7.07	12.37	47.31	0.01
SQU-US	2025-11-17 15:15:00	6.71	29.75	0.31	7.06	12.37	56.50	0.01
SQU-US	2025-11-17 15:30:00	6.70	29.82	0.31	7.08	12.37	59.19	0.01
SQU-US	2025-11-17 15:45:00	6.69	29.89	0.31	7.07	12.37	49.44	0.01
SQU-US	2025-11-17 16:00:00	6.68	29.92	0.31	7.07	12.36	40.39	0.01
SQU-US	2025-11-17 16:15:00	6.66	30.15	0.31	7.06	12.36	51.31	0.01
SQU-US	2025-11-17 16:30:00	6.65	30.41	0.31	7.00	12.34	45.25	0.01
SQU-US	2025-11-17 16:45:00	6.63	30.49	0.31	6.99	12.34	47.08	0.01
SQU-US	2025-11-17 17:00:00	6.61	30.65	0.31	6.98	12.32	47.90	0.01
SQU-US	2025-11-17 17:15:00	6.60	30.79	0.31	6.96	12.31	35.57	0.01
SQU-US	2025-11-17 17:30:00	6.59	31.22	0.31	7.01	12.30	37.35	0.01
SQU-US	2025-11-17 17:45:00	6.57	31.20	0.31	6.93	12.30	43.54	0.01
SQU-US	2025-11-17 18:00:00	6.55	31.45	0.31	6.95	12.27	33.39	0.01
SQU-US	2025-11-17 18:15:00	6.54	31.55	0.30	6.93	12.27	48.20	0.01
SQU-US	2025-11-17 18:30:00	6.53	31.47	0.30	6.89	12.28	31.26	0.01
SQU-US	2025-11-17 18:45:00	6.50	31.60	0.30	6.93	12.27	27.84	0.01
SQU-US	2025-11-17 19:00:00	6.49	31.73	0.30	6.90	12.27	31.66	0.01
SQU-US	2025-11-17 19:15:00	6.46	31.46	0.30	6.88	12.29	34.84	0.01
SQU-US	2025-11-17 19:30:00	6.45	31.70	0.30	6.90	12.28	30.07	0.01
SQU-US	2025-11-17 19:45:00	6.42	31.74	0.30	6.89	12.29	27.88	0.01
SQU-US	2025-11-17 20:00:00	6.40	31.79	0.30	6.92	12.30	27.36	0.01
SQU-US	2025-11-17 20:15:00	6.40	32.32	0.30	6.93	12.29	30.10	0.01
SQU-US	2025-11-17 20:30:00	6.38	32.15	0.30	6.92	12.31	27.39	0.01
SQU-US	2025-11-17 20:45:00	6.36	32.29	0.30	6.91	12.30	32.02	0.01
SQU-US	2025-11-17 21:00:00	6.33	32.13	0.31	6.93	12.31	19.88	0.01
SQU-US	2025-11-17 21:15:00	6.30	31.97	0.31	6.91	12.32	29.51	0.01
SQU-US	2025-11-17 21:30:00	6.29	32.16	0.31	6.91	12.33	25.63	0.01
SQU-US	2025-11-17 21:45:00	6.28	32.45	0.31	6.97	12.33	24.92	0.01
SQU-US	2025-11-17 22:00:00	6.27	32.32	0.31	6.88	12.33	31.90	0.01
SQU-US	2025-11-17 22:15:00	6.26	32.23	0.31	6.97	12.34	26.20	0.01
SQU-US	2025-11-17 22:30:00	6.25	32.31	0.31	6.95	12.33	25.29	0.01
SQU-US	2025-11-17 22:45:00	6.25	32.34	0.31	6.95	12.33	22.92	0.01
SQU-US	2025-11-17 23:00:00	6.23	32.36	0.31	6.93	12.34	24.60	0.01
SQU-US	2025-11-17 23:15:00	6.22	32.66	0.31	6.93	12.34	20.96	0.01
SQU-US	2025-11-17 23:30:00	6.19	32.60	0.31	6.90	12.34	23.76	0.01
SQU-US	2025-11-17 23:45:00	6.18	33.12	0.31	6.97	12.33	17.69	0.01
SQU-US	2025-11-18 00:00:00	6.15	32.59	0.31	6.93	12.36	19.59	0.01
SQU-US	2025-11-18 00:15:00	6.14	32.84	0.31	6.91	12.35	19.60	0.01
SQU-US	2025-11-18 00:30:00	6.12	32.78	0.31	6.92	12.36	21.30	0.01
SQU-US	2025-11-18 00:45:00	6.12	32.67	0.31	6.94	12.35	20.20	0.01
SQU-US	2025-11-18 01:00:00	6.10	33.11	0.31	6.93	12.34	16.07	0.01
SQU-US	2025-11-18 01:15:00	6.10	32.76	0.31	6.94	12.37	20.22	0.01
SQU-US	2025-11-18 01:30:00	6.07	32.77	0.31	6.94	12.37	17.40	0.01
SQU-US	2025-11-18 01:45:00	6.06	32.95	0.31	6.96	12.38	17.98	0.01
SQU-US	2025-11-18 02:00:00	6.05	32.86	0.31	6.91	12.38	15.46	0.01
SQU-US	2025-11-18 02:15:00	6.04	32.74	0.31	6.96	12.38	14.79	0.01
SQU-US	2025-11-18 02:30:00	6.03	32.71	0.31	6.93	12.39	15.72	0.01
SQU-US	2025-11-18 02:45:00	6.02	32.72	0.31	6.96	12.41	14.72	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	2025-11-18 03:00:00	6.01	32.89	0.31	6.96	12.40	16.96	0.01
SQU-US	2025-11-18 03:15:00	6.01	33.23	0.31	6.97	12.39	13.93	0.01
SQU-US	2025-11-18 03:30:00	6.00	32.74	0.32	6.92	12.41	16.55	0.01
SQU-US	2025-11-18 03:45:00	5.98	32.78	0.32	6.96	12.42	15.15	0.01
SQU-US	2025-11-18 04:00:00		32.84			12.44		0.01
SQU-US	2025-11-18 04:15:00	5.96	32.71	0.32	6.99	12.44	18.70	0.01
SQU-US	2025-11-18 04:30:00	5.94	32.93	0.32	6.97	12.45	11.41	0.01
SQU-US	2025-11-18 04:45:00	5.94	33.03	0.32	7.01	12.45	15.28	0.01
SQU-US	2025-11-18 05:00:00	5.93	33.22	0.32	7.03	12.45	16.18	0.01
SQU-US	2025-11-18 05:15:00	5.91	33.48	0.32	7.01	12.44	15.12	0.01
SQU-US	2025-11-18 05:30:00	5.90	33.82	0.32	7.01	12.41	16.37	0.01
SQU-US	2025-11-18 05:45:00	5.89	33.72	0.32	7.00	12.43	15.38	0.01
SQU-US	2025-11-18 06:00:00	5.88	33.97	0.32	6.97	12.39	16.73	0.01
SQU-US	2025-11-18 06:15:00	5.87	34.09	0.32	6.94	12.40	15.99	0.01
SQU-US	2025-11-18 06:30:00	5.88	34.45	0.32	6.95	12.39	16.01	0.01
SQU-US	2025-11-18 06:45:00	5.89	34.86	0.31	6.98	12.37	14.19	0.01
SQU-US	2025-11-18 07:00:00	5.89	35.14	0.31	6.96	12.36	15.98	0.02
SQU-US	2025-11-18 07:15:00	5.89	35.30	0.31	6.92	12.35	14.58	0.02
SQU-US	2025-11-18 07:30:00	5.89	35.22	0.31	6.91	12.37	14.51	0.02
SQU-US	2025-11-18 07:45:00	5.88	35.04	0.31	6.94	12.39	15.44	0.01
SQU-US	2025-11-18 08:00:00	5.88	35.40	0.31	6.94	12.37	18.29	0.02
SQU-US	2025-11-18 08:15:00	5.89	35.56	0.31	6.91	12.37	13.13	0.02
SQU-US	2025-11-18 08:30:00	5.88	35.75	0.31	6.87	12.37	14.79	0.02
SQU-US	2025-11-18 08:45:00	5.89	35.72	0.31	6.90	12.37	15.36	0.02
SQU-US	2025-11-18 09:00:00	5.90	36.30	0.31	6.88	12.37	17.31	0.02
SQU-US	2025-11-18 09:15:00	5.91	35.97	0.31	6.89	12.37	16.00	0.02
SQU-US	2025-11-18 09:30:00	5.91	35.89	0.31	6.88	12.36	11.63	0.02
SQU-US	2025-11-18 09:45:00	5.92	36.16	0.31	6.91	12.36	13.14	0.02
SQU-US	2025-11-18 10:00:00	5.95	36.29	0.31	6.92	12.36	13.60	0.02
SQU-US	2025-11-18 10:15:00	5.95	36.28	0.31	6.91	12.35	15.47	0.02
SQU-US	2025-11-18 10:30:00	5.97	36.44	0.31	6.92	12.37	11.03	0.02
SQU-US	2025-11-18 10:45:00	5.98	36.35	0.31	6.93	12.37	13.82	0.02
SQU-US	2025-11-18 11:00:00	5.99	36.40	0.31	6.93	12.36	11.34	0.02
SQU-US	2025-11-18 11:15:00	6.02	36.55	0.31	6.90	12.36	11.84	0.02
SQU-US	2025-11-18 11:30:00	6.05	36.73	0.31	6.90	12.37	12.67	0.02
SQU-US	2025-11-18 11:45:00	6.09	36.65	0.31	6.89	12.36	12.76	0.02
SQU-US	2025-11-18 12:00:00	6.11	36.65	0.31	6.92	12.36	12.38	0.02
SQU-US	2025-11-18 12:15:00	6.14	36.83	0.31	6.96	12.36	11.60	0.02
SQU-US	2025-11-18 12:30:00	6.16	37.02	0.31	6.92	12.35	11.22	0.02
SQU-US	2025-11-18 12:45:00	6.16	36.98	0.31	6.92	12.36	12.18	0.02
SQU-US	2025-11-18 13:00:00	6.17	36.83	0.31	6.95	12.35	11.92	0.02
SQU-US	2025-11-18 13:15:00	6.18	36.95	0.31	6.95	12.35	15.15	0.02
SQU-US	2025-11-18 13:30:00	6.19	37.11	0.31	6.96	12.36	10.56	0.02
SQU-US	2025-11-18 13:45:00	6.20	36.95	0.31	6.95	12.36	14.14	0.02
SQU-US	2025-11-18 14:00:00	6.21	36.97	0.31	6.95	12.35	9.36	0.02
SQU-US	2025-11-18 14:15:00	6.21	36.69	0.32	6.95	12.36	10.16	0.02
SQU-US	2025-11-18 14:30:00	6.21	36.82	0.32	6.97	12.36	11.88	0.02
SQU-US	2025-11-18 14:45:00	6.21	37.13	0.32	6.99	12.35	12.98	0.02
SQU-US	2025-11-18 15:00:00	6.20	37.20	0.32	6.96	12.36	11.14	0.02
SQU-US	2025-11-18 15:15:00	6.21	37.92	0.32	6.94	12.34	18.54	0.02
SQU-US	2025-11-18 15:30:00	6.18	37.40	0.32	6.96	12.33	11.65	0.02
SQU-US	2025-11-18 15:45:00	6.18	37.75	0.31	6.99	12.33	10.63	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	2025-11-18 16:00:00	6.17	38.12	0.31	7.00	12.32	14.06	0.02
SQU-US	2025-11-18 16:15:00	6.15	38.19	0.31	6.97	12.31	10.08	0.02
SQU-US	2025-11-18 16:30:00	6.13	38.25	0.31	6.97	12.31	12.47	0.02
SQU-US	2025-11-18 16:45:00	6.13	38.66	0.31	6.92	12.29	10.11	0.02
SQU-US	2025-11-18 17:00:00	6.11	38.57	0.31	6.95	12.30	9.39	0.02
SQU-US	2025-11-18 17:15:00	6.10	38.50	0.31	6.95	12.30	9.84	0.02
SQU-US	2025-11-18 17:30:00	6.09	38.55	0.31	6.92	12.29	12.23	0.02
SQU-US	2025-11-18 17:45:00	6.09	38.73	0.31	6.94	12.29	12.74	0.02
SQU-US	2025-11-18 18:00:00	6.09	38.59	0.31	6.92	12.31	10.95	0.02
SQU-US	2025-11-18 18:15:00	6.09	38.55	0.31	6.96	12.31	10.16	0.02
SQU-US	2025-11-18 18:30:00	6.09	38.80	0.31	6.97	12.30	15.22	0.02
SQU-US	2025-11-18 18:45:00	6.11	39.02	0.31	6.97	12.29	11.35	0.02
SQU-US	2025-11-18 19:00:00	6.11	39.11	0.31	6.96	12.31	10.05	0.02
SQU-US	2025-11-18 19:15:00	6.11	39.15	0.31	6.96	12.31	10.14	0.02
SQU-US	2025-11-18 19:30:00	6.11	39.28	0.31	6.93	12.30	10.08	0.02
SQU-US	2025-11-18 19:45:00	6.10	39.69	0.31	6.93	12.31	19.56	0.02
SQU-US	2025-11-18 20:00:00	6.10	39.32	0.31	6.99	12.32	10.89	0.02
SQU-US	2025-11-18 20:15:00	6.09	39.74	0.31	6.97	12.30	10.80	0.02
SQU-US	2025-11-18 20:30:00	6.08	39.49	0.31	6.99	12.30	9.59	0.02
SQU-US	2025-11-18 20:45:00	6.08	39.64	0.31	6.98	12.31	11.49	0.02
SQU-US	2025-11-18 21:00:00	6.07	39.39	0.31	6.92	12.32	10.75	0.02
SQU-US	2025-11-18 21:15:00	6.05	39.64	0.31	6.94	12.32	9.71	0.02
SQU-US	2025-11-18 21:30:00	6.04	39.69	0.30	6.94	12.31	11.10	0.02
SQU-US	2025-11-18 21:45:00	6.03	39.95	0.30	6.94	12.31	9.05	0.02
SQU-US	2025-11-18 22:00:00	6.00	40.14	0.30	6.97	12.32	12.91	0.02
SQU-US	2025-11-18 22:15:00	6.00	40.16	0.30	6.99	12.30	8.99	0.02
SQU-US	2025-11-18 22:30:00	5.97	40.18	0.30	6.93	12.33	10.07	0.02
SQU-US	2025-11-18 22:45:00	5.96	40.21	0.30	6.98	12.34	10.04	0.02
SQU-US	2025-11-18 23:00:00	5.94	40.24	0.30	6.91	12.35	10.08	0.02
SQU-US	2025-11-18 23:15:00	5.92	40.51	0.30	6.94	12.35	8.36	0.02
SQU-US	2025-11-18 23:30:00	5.89	40.35	0.30	6.99	12.36	9.86	0.02
SQU-US	2025-11-18 23:45:00	5.86	40.36	0.30	6.97	12.35	7.15	0.02
SQU-US	2025-11-19 00:00:00	5.85	40.41	0.30	6.96	12.36	9.53	0.02
SQU-US	2025-11-19 00:15:00	5.85	40.52	0.30	6.99	12.36	12.99	0.02
SQU-US	2025-11-19 00:30:00	5.82	40.24	0.30	6.97	12.38	9.17	0.02
SQU-US	2025-11-19 00:45:00	5.80	40.14	0.30	6.98	12.37	9.59	0.02
SQU-US	2025-11-19 01:00:00	5.77	40.20	0.30	6.96	12.38	9.63	0.02
SQU-US	2025-11-19 01:15:00	5.74	40.16	0.30	6.95	12.39	9.50	0.02
SQU-US	2025-11-19 01:30:00	5.72	40.26	0.30	6.95	12.39	9.34	0.02
SQU-US	2025-11-19 01:45:00	5.70	40.59	0.30	7.00	12.39	9.55	0.02
SQU-US	2025-11-19 02:00:00	5.70	40.44	0.30	6.97	12.39	11.56	0.02
SQU-US	2025-11-19 02:15:00	5.68	40.33	0.31	6.95	12.41	9.76	0.02
SQU-US	2025-11-19 02:30:00	5.65	40.11	0.30	6.98	12.42	9.34	0.02
SQU-US	2025-11-19 02:45:00	5.62	40.22	0.31	6.95	12.43	9.41	0.02
SQU-US	2025-11-19 03:00:00	5.59	40.23	0.30	6.99	12.42	9.24	0.02
SQU-US	2025-11-19 03:15:00	5.56	39.89	0.31	6.96	12.46	9.39	0.02
SQU-US	2025-11-19 03:30:00	5.54	40.15	0.30	7.00	12.45	9.98	0.02
SQU-US	2025-11-19 03:45:00	5.51	40.31	0.31	6.99	12.45	10.88	0.02
SQU-US	2025-11-19 04:00:00	5.49	40.20	0.31	7.00	12.46	10.62	0.02
SQU-US	2025-11-19 04:15:00	5.46	40.63	0.32	6.97	12.47	9.65	0.02
SQU-US	2025-11-19 04:30:00	5.43	40.75	0.32	6.95	12.49	12.20	0.02
SQU-US	2025-11-19 04:45:00	5.41	40.79	0.32	6.97	12.47	8.99	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	2025-11-19 05:00:00	5.39	40.32	0.32	6.98	12.51	9.43	0.02
SQU-US	2025-11-19 05:15:00	5.35	40.32	0.32	6.99	12.51	10.49	0.02
SQU-US	2025-11-19 05:30:00	5.32	40.48	0.32	6.99	12.54	7.98	0.02
SQU-US	2025-11-19 05:45:00	5.30	39.98	0.32	7.02	12.55	9.98	0.02
SQU-US	2025-11-19 06:00:00	5.27	39.86	0.32	7.01	12.57	10.73	0.02
SQU-US	2025-11-19 06:15:00	5.24	40.27	0.32	7.02	12.58	8.71	0.02
SQU-US	2025-11-19 06:30:00	5.23	41.19	0.32	6.99	12.50	9.54	0.02
SQU-US	2025-11-19 06:45:00	5.21	41.28	0.32	7.00	12.52	8.78	0.02
SQU-US	2025-11-19 07:00:00	5.19	41.49	0.32	6.96	12.52	8.01	0.02
SQU-US	2025-11-19 07:15:00	5.16	41.78	0.32	6.97	12.51	9.39	0.02
SQU-US	2025-11-19 07:30:00	5.15	41.81	0.32	6.96	12.51	8.68	0.02
SQU-US	2025-11-19 07:45:00	5.13	41.78	0.31	6.94	12.51	7.86	0.02
SQU-US	2025-11-19 08:00:00	5.10	41.75	0.32	6.94	12.52	10.19	0.02
SQU-US	2025-11-19 08:15:00	5.09	41.79	0.32	6.93	12.54	7.85	0.02
SQU-US	2025-11-19 08:30:00	5.08	41.78	0.31	7.00	12.54	8.98	0.02
SQU-US	2025-11-19 08:45:00	5.07	42.13	0.32	6.97	12.53	9.62	0.02
SQU-US	2025-11-19 09:00:00	5.08	42.20	0.32	6.94	12.54	12.36	0.02
SQU-US	2025-11-19 09:15:00	5.10	42.43	0.32	6.98	12.53	7.84	0.02
SQU-US	2025-11-19 09:30:00	5.11	42.52	0.32	6.98	12.54	8.96	0.02
SQU-US	2025-11-19 09:45:00	5.14	42.66	0.32	6.93	12.54	8.27	0.02
SQU-US	2025-11-19 10:00:00	5.17	42.55	0.32	6.95	12.53	9.04	0.02
SQU-US	2025-11-19 10:15:00	5.20	42.74	0.31	6.97	12.54	10.06	0.02
SQU-US	2025-11-19 10:30:00	5.24	42.86	0.31	7.00	12.53	8.03	0.02
SQU-US	2025-11-19 10:45:00	5.26	42.52	0.32	6.98	12.53	12.31	0.02
SQU-US	2025-11-19 11:00:00	5.28	42.66	0.32	6.99	12.53	8.87	0.02
SQU-US	2025-11-19 11:15:00	5.31	42.67	0.32	6.99	12.53	9.60	0.02
SQU-US	2025-11-19 11:30:00	5.35	42.63	0.32	7.01	12.52	8.59	0.02
SQU-US	2025-11-19 11:45:00	5.38	42.59	0.32	6.98	12.53	8.06	0.02
SQU-US	2025-11-19 12:00:00	5.42	42.85	0.32	7.00	12.53	9.08	0.02
SQU-US	2025-11-19 12:15:00	5.45	42.85	0.32	7.00	12.52	7.49	0.02
SQU-US	2025-11-19 12:30:00	5.46	42.87	0.32	7.01	12.52	8.85	0.02
SQU-US	2025-11-19 12:45:00	5.46	42.67	0.32	7.03	12.51	7.51	0.02
SQU-US	2025-11-19 13:00:00	5.50	42.94	0.32	7.00	12.52	8.12	0.02
SQU-US	2025-11-19 13:15:00	5.53	42.73	0.32	7.02	12.52	8.75	0.02
SQU-US	2025-11-19 13:30:00	5.54	42.96	0.32	6.97	12.50	8.39	0.02
SQU-US	2025-11-19 13:45:00	5.55	43.02	0.32	7.01	12.49	7.76	0.02
SQU-US	2025-11-19 14:00:00	5.53	43.00	0.32	7.03	12.49	9.16	0.02
SQU-US	2025-11-19 14:15:00	5.53	43.09	0.32	6.99	12.50	9.46	0.02
SQU-US	2025-11-19 14:30:00	5.52	43.18	0.32	7.04	12.48	9.31	0.02
SQU-US	2025-11-19 14:45:00	5.50	43.06	0.32	7.00	12.48	9.95	0.02
SQU-US	2025-11-19 15:00:00	5.46	43.04	0.32	7.02	12.50	9.83	0.02
SQU-US	2025-11-19 15:15:00	5.43	43.18	0.32	7.01	12.49	8.69	0.02
SQU-US	2025-11-19 15:30:00	5.39	43.54	0.33	6.98	12.48	9.27	0.02
SQU-US	2025-11-19 15:45:00	5.35	43.85	0.32	7.01	12.45	9.47	0.02
SQU-US	2025-11-19 16:00:00	5.32	43.74	0.32	7.01	12.47	9.83	0.02
SQU-US	2025-11-19 16:15:00	5.29	43.55	0.33	7.00	12.47	9.24	0.02
SQU-US	2025-11-19 16:30:00	5.26	43.37	0.32	7.02	12.48	8.97	0.02
SQU-US	2025-11-19 16:45:00	5.23	43.14	0.33	7.01	12.48	8.52	0.02
SQU-US	2025-11-19 17:00:00	5.21	43.21	0.33	7.02	12.47	8.83	0.02
SQU-US	2025-11-19 17:15:00	5.20	43.06	0.33	7.01	12.48	9.14	0.02
SQU-US	2025-11-19 17:30:00	5.19	43.19	0.33	6.99	12.48	9.27	0.02
SQU-US	2025-11-19 17:45:00	5.18	43.27	0.32	7.01	12.46	10.05	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	2025-11-19 18:00:00	5.19	43.51	0.32	6.99	12.44	9.13	0.02
SQU-US	2025-11-19 18:15:00	5.19	43.64	0.32	7.00	12.44	9.39	0.02
SQU-US	2025-11-19 18:30:00	5.19	43.93	0.33	6.99	12.44	9.79	0.02
SQU-US	2025-11-19 18:45:00	5.19	43.92	0.33	7.00	12.43	10.55	0.02
SQU-US	2025-11-19 19:00:00	5.19	43.83	0.33	7.03	12.43	8.00	0.02
SQU-US	2025-11-19 19:15:00	5.19	44.09	0.33	7.00	12.42	8.42	0.02
SQU-US	2025-11-19 19:30:00	5.19	44.36	0.33	7.02	12.42	11.14	0.02
SQU-US	2025-11-19 19:45:00	5.19	44.49	0.33	6.99	12.43	8.05	0.02
SQU-US	2025-11-19 20:00:00	5.18	44.70	0.33	6.98	12.43	10.09	0.02
SQU-US	2025-11-19 20:15:00	5.18	44.51	0.33	6.98	12.43	8.35	0.02
SQU-US	2025-11-19 20:30:00	5.18	45.02	0.33	6.99	12.42	9.59	0.02
SQU-US	2025-11-19 20:45:00	5.17	44.82	0.33	7.00	12.43	8.26	0.02
SQU-US	2025-11-19 21:00:00	5.17	45.04	0.33	6.99	12.42	9.12	0.02
SQU-US	2025-11-19 21:15:00	5.16	44.98	0.33	7.02	12.42	11.10	0.02
SQU-US	2025-11-19 21:30:00	5.15	45.10	0.33	6.97	12.42	9.71	0.02
SQU-US	2025-11-19 21:45:00	5.14	45.19	0.33	6.96	12.43	9.14	0.02
SQU-US	2025-11-19 22:00:00	5.13	45.30	0.33	7.00	12.44	9.24	0.02
SQU-US	2025-11-19 22:15:00	5.13	45.34	0.33	7.04	12.48	9.48	0.02
SQU-US	2025-11-19 22:30:00	5.12	45.12	0.32	7.04	12.47	8.41	0.02
SQU-US	2025-11-19 22:45:00	5.12	45.22	0.31	7.05	12.67	9.80	0.02
SQU-US	2025-11-19 23:00:00	5.12	45.30	0.30	7.12	12.66	8.97	0.02
SQU-US	2025-11-19 23:15:00	5.12	45.19	0.29	7.16	12.69	8.16	0.02
SQU-US	2025-11-19 23:30:00	5.11	45.06	0.27	7.22	12.80	7.69	0.02
SQU-US	2025-11-19 23:45:00	5.11	45.58	0.27	7.22	12.79	8.41	0.02
SQU-US	2025-11-20 00:00:00	5.11	45.35	0.26	7.21	12.82	6.88	0.02
SQU-US	2025-11-20 00:15:00	5.11	45.25	0.25	7.29	12.84	7.18	0.02
SQU-US	2025-11-20 00:30:00	5.10	37.08	0.26	7.41	12.87	7.33	0.02
SQU-US	2025-11-20 00:45:00	5.09	43.76	0.27	7.41	12.86	459.50	0.02
SQU-US	2025-11-20 01:00:00	5.09	43.74	0.29	7.40	12.88	184.72	0.02
SQU-US	2025-11-20 01:15:00	5.08	14.74	0.30	7.41	12.87	4.26	0.01
SQU-US	2025-11-20 01:30:00	5.08	38.47	0.30	7.39	12.86	4.03	0.02
SQU-US	2025-11-20 01:45:00	5.07	34.71	0.30	7.40	12.88	4.22	0.01
SQU-US	2025-11-20 02:00:00	5.07	1.18	0.31	7.39	12.86	3.24	0.00
SQU-US	2025-11-20 02:15:00	5.06	0.93	0.31	7.37	12.87	4.81	0.00
SQU-US	2025-11-20 02:30:00	5.05	0.83	0.31	7.36	12.88	7.20	0.00
SQU-US	2025-11-20 02:45:00	5.04	24.12	0.31	7.35	12.88	3.31	0.01
SQU-US	2025-11-20 03:00:00	5.03	1.70	0.31	7.35	12.89	6.47	0.00
SQU-US	2025-11-20 03:15:00	5.04	27.01	0.31	7.36	12.90	6.22	0.01
SQU-US	2025-11-20 03:30:00	5.04	45.18	0.31	7.39	12.88	6.23	0.02
SQU-US	2025-11-20 03:45:00	5.05	45.28	0.31	7.13	12.48	5.25	0.02
SQU-US	2025-11-20 04:00:00	5.04	45.37	0.32	7.04	12.49	4.57	0.02
SQU-US	2025-11-20 04:15:00	5.03	45.32	0.32	7.03	12.49	5.63	0.02
SQU-US	2025-11-20 04:30:00	5.04	45.02	0.32	7.02	12.51	6.13	0.02
SQU-US	2025-11-20 04:45:00	5.04	44.88	0.31	7.06	12.51	5.55	0.02
SQU-US	2025-11-20 05:00:00	5.04	44.87	0.32	7.05	12.51	4.90	0.02
SQU-US	2025-11-20 05:15:00	5.03	44.91	0.32	7.05	12.52	7.84	0.02
SQU-US	2025-11-20 05:30:00	5.03	44.35	0.32	7.05	12.54	5.82	0.02
SQU-US	2025-11-20 05:45:00	5.02	44.07	0.32	7.08	12.57	5.23	0.02
SQU-US	2025-11-20 06:00:00	5.02	43.87	0.32	7.10	12.57	5.73	0.02
SQU-US	2025-11-20 06:15:00	5.01	43.81	0.33	7.10	12.59	4.96	0.02
SQU-US	2025-11-20 06:30:00	5.00	43.85	0.33	7.12	12.60	5.02	0.02
SQU-US	2025-11-20 06:45:00	4.99	43.94	0.33	7.10	12.61	6.31	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	2025-11-20 07:00:00		44.45			12.61		0.02
SQU-US	2025-11-20 07:15:00	5.03	45.51	0.33	7.11	12.56	4.69	0.02
SQU-US	2025-11-20 07:30:00	5.07	47.08	0.33	7.07	12.51	5.18	0.02
SQU-US	2025-11-20 07:45:00	5.09	47.88	0.32	7.01	12.43	5.56	0.02
SQU-US	2025-11-20 08:00:00	5.10	47.57	0.32	7.00	12.39	4.75	0.02
SQU-US	2025-11-20 08:15:00	5.10	47.27	0.32	6.97	12.44	4.80	0.02
SQU-US	2025-11-20 08:30:00	5.10	47.43	0.32	6.97	12.42	5.83	0.02
SQU-US	2025-11-20 08:45:00	5.11	47.41	0.32	7.00	12.43	5.11	0.02
SQU-US	2025-11-20 09:00:00		47.58			12.43		0.02
SQU-US	2025-11-20 09:15:00	5.15	47.10	0.32	7.01	12.44	4.82	0.02
SQU-US	2025-11-20 09:30:00	5.16	47.13	0.32	6.99	12.45	4.66	0.02
SQU-US	2025-11-20 09:45:00	5.20	47.57	0.32	6.97	12.44	5.19	0.02
SQU-US	2025-11-20 10:00:00	5.23	47.87	0.32	6.98	12.44	5.46	0.02
SQU-US	2025-11-20 10:15:00	5.24	47.47	0.32	6.97	12.45	6.29	0.02
SQU-US	2025-11-20 10:30:00	5.27	47.49	0.32	7.01	12.44	4.60	0.02
SQU-US	2025-11-20 10:45:00	5.29	47.53	0.33	7.01	12.44	6.00	0.02
SQU-US	2025-11-20 11:00:00	5.32	47.86	0.33	7.05	12.44	4.17	0.02
SQU-US	2025-11-20 11:15:00	5.35	47.90	0.33	7.00	12.42	5.26	0.02
SQU-US	2025-11-20 11:30:00	5.37	47.82	0.33	7.00	12.41	4.80	0.02
SQU-US	2025-11-20 11:45:00	5.39	47.58	0.33	7.02	12.42	4.77	0.02
SQU-US	2025-11-20 12:00:00	5.41	47.54	0.33	7.01	12.42	5.04	0.02
SQU-US	2025-11-20 12:15:00	5.43	47.95	0.32	7.10	12.55	5.11	0.02
SQU-US	2025-11-20 12:30:00	5.45	47.73	0.31	7.20	12.66	6.30	0.02
SQU-US	2025-11-20 12:45:00	5.47	47.35	0.31	7.12	12.45	5.88	0.02
SQU-US	2025-11-20 13:00:00	5.50	48.02	0.32	7.06	12.39	6.64	0.02
SQU-US	2025-11-20 13:15:00	5.52	47.79	0.32	7.02	12.40	7.17	0.02
SQU-US	2025-11-20 13:30:00	5.55	47.77	0.33	7.03	12.39	10.49	0.02
SQU-US	2025-11-20 13:45:00	5.58	47.93	0.32	7.06	12.38	11.58	0.02
SQU-US	2025-11-20 14:00:00	5.61	47.85	0.32	7.09	12.38	9.25	0.02
SQU-US	2025-11-20 14:15:00	5.63	47.53	0.33	7.02	12.38	8.49	0.02
SQU-US	2025-11-20 14:30:00	5.66	47.70	0.33	7.01	12.38	8.92	0.02
SQU-US	2025-11-20 14:45:00	5.70	47.96	0.33	6.99	12.37	6.65	0.02
SQU-US	2025-11-20 15:00:00	5.72	48.29	0.33	7.06	12.36	7.17	0.02
SQU-US	2025-11-20 15:15:00	5.72	48.04	0.33	7.02	12.38	6.53	0.02
SQU-US	2025-11-20 15:30:00	5.72	48.16	0.32	7.01	12.37	6.85	0.02
SQU-US	2025-11-20 15:45:00	5.70	48.32	0.32	7.01	12.35	5.89	0.02
SQU-US	2025-11-20 16:00:00	5.68	48.69	0.32	7.01	12.34	7.90	0.02
SQU-US	2025-11-20 16:15:00	5.64	48.24	0.32	7.03	12.36	9.09	0.02
SQU-US	2025-11-20 16:30:00	5.62	48.35	0.32	7.01	12.34	9.68	0.02
SQU-US	2025-11-20 16:45:00	5.61	48.41	0.32	7.05	12.34	9.40	0.02
SQU-US	2025-11-20 17:00:00	5.61	48.75	0.32	7.03	12.34	10.59	0.02
SQU-US	2025-11-20 17:15:00	5.62	49.15	0.32	7.07	12.33	10.26	0.02
SQU-US	2025-11-20 17:30:00	5.62	49.14	0.32	7.04	12.32	11.36	0.02
SQU-US	2025-11-20 17:45:00	5.63	49.10	0.33	7.06	12.33	11.70	0.02
SQU-US	2025-11-20 18:00:00	5.64	49.12	0.33	7.02	12.33	8.76	0.02
SQU-US	2025-11-20 18:15:00	5.65	49.13	0.33	7.12	12.65	8.92	0.02
SQU-US	2025-11-20 18:30:00	5.62	0.36	0.32	7.34	12.82	1.78	0.00
SQU-US	2025-11-20 18:45:00	5.54	0.22	0.32	7.37	12.83	1.26	0.00
SQU-US	2025-11-20 19:00:00	5.41	0.20	0.32	7.36	12.87	1.24	0.00
SQU-US	2025-11-20 19:15:00	5.22	0.19	0.32	7.33	12.94	1.21	0.00
SQU-US	2025-11-20 19:30:00	5.14	0.17	0.32	7.30	12.97	1.13	0.00
SQU-US	2025-11-20 19:45:00	5.10	0.15	0.33	7.26	12.98	1.10	0.00

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	2025-11-20 20:00:00	5.08	0.15	0.33	7.23	13.00	1.08	0.00
SQU-US	2025-11-20 20:15:00	5.05	0.15	0.33	7.19	13.01	1.10	0.00
SQU-US	2025-11-20 20:30:00	5.06	0.13	0.33	7.16	13.01	1.04	0.00
SQU-US	2025-11-20 20:45:00	5.08	0.13	0.33	7.12	13.01	1.00	0.00
SQU-US	2025-11-20 21:00:00	5.07	0.11	0.33	7.09	13.00	1.02	0.00
SQU-US	2025-11-20 21:15:00	5.06	0.11	0.33	7.06	13.00	0.96	0.00
SQU-US	2025-11-20 21:30:00	5.03	0.13	0.33	7.04	13.00	0.98	0.00
SQU-US	2025-11-20 21:45:00	5.05	0.11	0.33	7.01	13.02	0.98	0.00
SQU-US	2025-11-20 22:00:00	5.07	0.11	0.33	6.99	13.01	0.95	0.00
SQU-US	2025-11-20 22:15:00	5.08	0.11	0.33	6.97	13.00	0.89	0.00
SQU-US	2025-11-20 22:30:00	5.08	0.11	0.33	6.95	13.00	0.90	0.00
SQU-US	2025-11-20 22:45:00	5.08	0.10	0.33	6.92	13.00	0.91	0.00
SQU-US	2025-11-20 23:00:00	5.11	0.09	0.34	6.90	12.99	0.91	0.00
SQU-US	2025-11-20 23:15:00	5.13	0.10	0.34	6.88	12.97	0.88	0.00
SQU-US	2025-11-20 23:30:00	5.18	0.09	0.34	6.87	12.98	0.87	0.00
SQU-US	2025-11-20 23:45:00	5.19	0.09	0.34	6.86	12.96	0.82	0.00
SQU-US	2025-11-21 00:00:00	5.20	0.09	0.34	6.85	12.95	0.86	0.00
SQU-US	2025-11-21 00:15:00	5.20	0.09	0.34	6.83	12.95	0.88	0.00
SQU-US	2025-11-21 00:30:00	5.21	0.09	0.34	6.82	12.96	0.85	0.00
SQU-US	2025-11-21 00:45:00	5.23	0.09	0.34	6.81	12.96	0.84	0.00
SQU-US	2025-11-21 01:00:00	5.24	0.09	0.34	6.80	12.96	0.84	0.00
SQU-US	2025-11-21 01:15:00	5.28	0.09	0.34	6.79	12.95	0.80	0.00
SQU-US	2025-11-21 01:30:00	5.27	0.09	0.34	6.78	12.96	0.84	0.00
SQU-US	2025-11-21 01:45:00	5.29	0.09	0.34	6.77	12.94	0.84	0.00
SQU-US	2025-11-21 02:00:00	5.30	0.09	0.34	6.76	12.93	0.85	0.00
SQU-US	2025-11-21 02:15:00	5.32	0.09	0.34	6.76	12.93	0.84	0.00
SQU-US	2025-11-21 02:30:00	5.36	0.10	0.34	6.75	12.90	0.85	0.00
SQU-US	2025-11-21 02:45:00	5.38	0.10	0.34	6.74	12.91	0.85	0.00
SQU-US	2025-11-21 03:00:00	5.40	0.10	0.34	6.73	12.90	0.83	0.00
SQU-US	2025-11-21 03:15:00	5.42	0.10	0.34	6.73	12.89	0.81	0.00
SQU-US	2025-11-21 03:30:00	5.45	0.11	0.34	6.72	12.87	0.84	0.00
SQU-US	2025-11-21 03:45:00	5.46	0.10	0.34	6.72	12.87	0.80	0.00
SQU-US	2025-11-21 04:00:00	5.48	0.10	0.34	6.71	12.85	0.86	0.00
SQU-US	2025-11-21 04:15:00	5.51	0.10	0.34	6.71	12.85	0.81	0.00
SQU-US	2025-11-21 04:30:00	5.54	0.09	0.34	6.70	12.85	0.83	0.00
SQU-US	2025-11-21 04:45:00	5.59	0.69	0.34	6.70	12.84	1.29	0.00
SQU-US	2025-11-21 05:00:00	5.62	47.91	0.32	7.16	12.40	9.74	0.02
SQU-US	2025-11-21 05:15:00	5.62	47.70	0.33	7.01	12.42	9.47	0.02
SQU-US	2025-11-21 05:30:00	5.62	47.38	0.32	7.09	12.43	8.52	0.02
SQU-US	2025-11-21 05:45:00	5.62	47.22	0.32	7.12	12.44	9.61	0.02
SQU-US	2025-11-21 06:00:00	5.62	47.55	0.32	7.06	12.43	10.79	0.02
SQU-US	2025-11-21 06:15:00	5.63	47.83	0.32	7.10	12.43	9.88	0.02
SQU-US	2025-11-21 06:30:00	5.62	47.21	0.32	7.13	12.45	13.09	0.02
SQU-US	2025-11-21 06:45:00	5.62	47.02	0.33	7.12	12.47	13.58	0.02
SQU-US	2025-11-21 07:00:00	5.62	46.98	0.32	7.18	12.49	11.03	0.02
SQU-US	2025-11-21 07:15:00	5.64	47.58	0.33	7.15	12.47	10.40	0.02
SQU-US	2025-11-21 07:30:00	5.65	47.88	0.33	7.11	12.45	8.18	0.02
SQU-US	2025-11-21 07:45:00	5.66	47.99	0.33	7.14	12.47	11.62	0.02
SQU-US	2025-11-21 08:00:00	5.67	48.03	0.33	7.11	12.44	8.59	0.02
SQU-US	2025-11-21 08:15:00	5.71	49.27	0.33	7.11	12.39	10.83	0.02
SQU-US	2025-11-21 08:30:00	5.73	50.38	0.32	7.08	12.34	9.51	0.02
SQU-US	2025-11-21 08:45:00	5.71	49.21	0.31	7.07	12.36	9.79	0.02

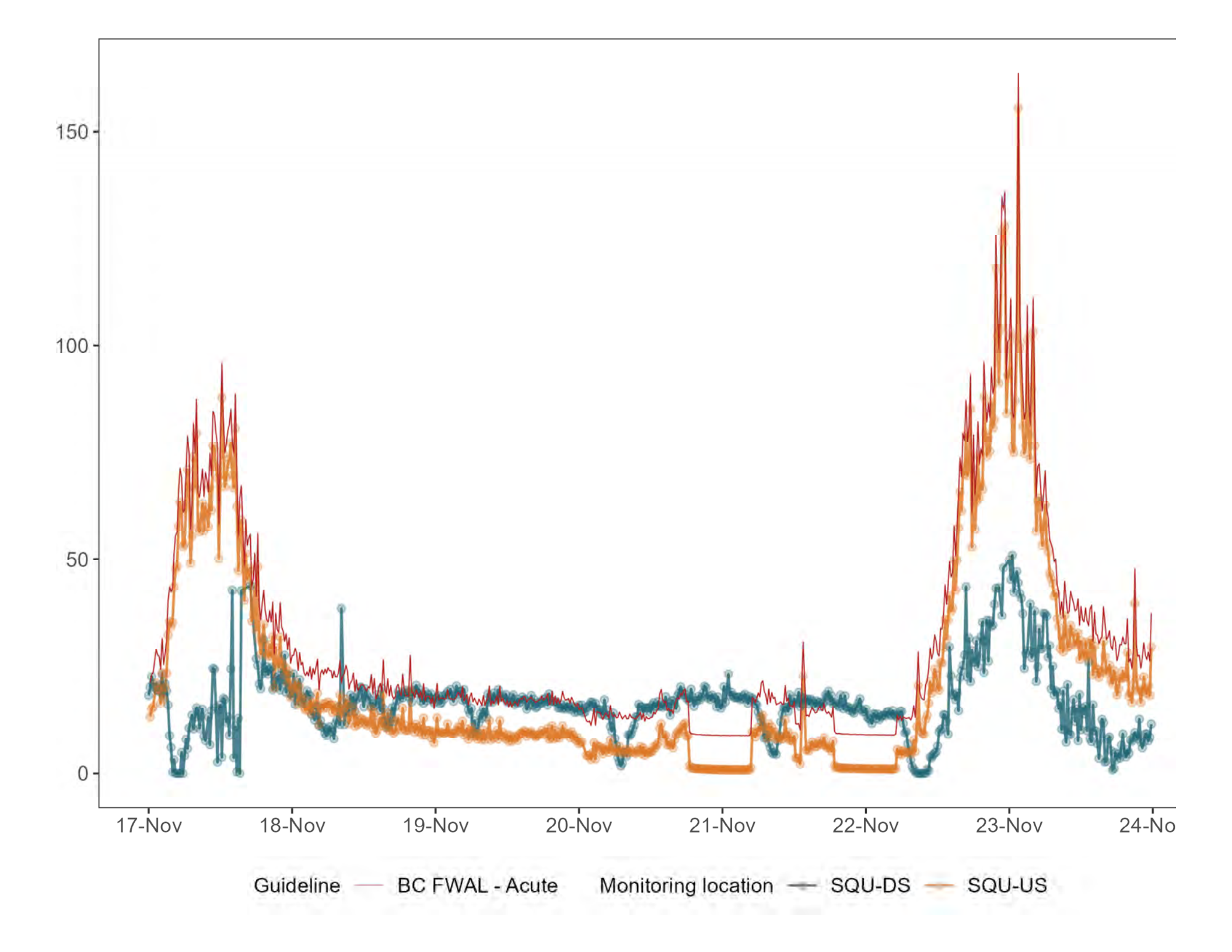
Squamish River								
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**	**Salinity (PSU)**
SQU-US	2025-11-21 09:00:00	5.73	49.39	0.31	7.04	12.33	8.03	0.02
SQU-US	2025-11-21 09:15:00	5.75	50.27	0.30	7.01	12.31	8.23	0.02
SQU-US	2025-11-21 09:30:00	5.77	50.54	0.30	7.03	12.31	8.39	0.02
SQU-US	2025-11-21 09:45:00	5.78	50.18	0.30	7.02	12.32	8.72	0.02
SQU-US	2025-11-21 10:00:00	5.81	50.75	0.31	7.04	12.31	8.06	0.02
SQU-US	2025-11-21 10:15:00	5.82	50.93	0.31	7.06	12.32	8.17	0.02
SQU-US	2025-11-21 10:30:00	5.82	50.23	0.32	7.05	12.33	12.47	0.02
SQU-US	2025-11-21 10:45:00	5.84	50.34	0.32	7.00	12.32	8.84	0.02
SQU-US	2025-11-21 11:00:00	5.86	50.46	0.32	7.09	12.29	9.65	0.02
SQU-US	2025-11-21 11:15:00	5.87	50.37	0.32	7.09	12.30	7.73	0.02
SQU-US	2025-11-21 11:30:00	5.89	50.17	0.33	7.09	12.31	7.78	0.02
SQU-US	2025-11-21 11:45:00	5.90	49.93	0.33	7.07	12.31	7.48	0.02
SQU-US	2025-11-21 12:00:00	5.93	50.24	0.33	7.03	12.31	8.71	0.02
SQU-US	2025-11-21 12:15:00	5.95	34.78	0.32	7.35	12.74	3.65	0.01
SQU-US	2025-11-21 12:30:00	5.98	31.29	0.32	7.39	12.74	3.49	0.01
SQU-US	2025-11-21 12:45:00	5.99	1.68	0.32	7.41	12.75	3.65	0.00
SQU-US	2025-11-21 13:00:00	6.03	0.89	0.32	7.39	12.71	2.16	0.00
SQU-US	2025-11-21 13:15:00	6.02	40.51	0.31	7.35	12.70	362.37	0.02
SQU-US	2025-11-21 13:30:00	6.02	49.40	0.31	7.39	12.67	22.73	0.02
SQU-US	2025-11-21 13:45:00	6.02	49.84	0.31	7.38	12.69	438.28	0.02
SQU-US	2025-11-21 14:00:00	6.02	50.14	0.31	7.17	12.28	5.41	0.02
SQU-US	2025-11-21 14:15:00	6.02	49.86	0.32	7.09	12.29	5.61	0.02
SQU-US	2025-11-21 14:30:00	6.02	49.94	0.32	7.11	12.29	5.29	0.02
SQU-US	2025-11-21 14:45:00	6.02	49.99	0.32	7.12	12.28	6.49	0.02
SQU-US	2025-11-21 15:00:00	6.02	49.89	0.33	7.07	12.29	7.38	0.02
SQU-US	2025-11-21 15:15:00	6.02	49.92	0.33	7.04	12.29	6.84	0.02
SQU-US	2025-11-21 15:30:00	6.03	50.15	0.33	7.08	12.29	6.13	0.02
SQU-US	2025-11-21 15:45:00	6.02	49.68	0.32	7.11	12.30	6.25	0.02
SQU-US	2025-11-21 16:00:00	6.03	50.13	0.32	7.03	12.28	6.92	0.02
SQU-US	2025-11-21 16:15:00	6.03	49.97	0.32	7.03	12.29	7.69	0.02
SQU-US	2025-11-21 16:30:00	6.04	49.89	0.32	7.03	12.29	6.93	0.02
SQU-US	2025-11-21 16:45:00	6.04	49.68	0.32	7.06	12.29	6.66	0.02
SQU-US	2025-11-21 17:00:00	6.05	50.09	0.32	7.08	12.29	8.37	0.02
SQU-US	2025-11-21 17:15:00	6.05	50.28	0.32	7.06	12.29	6.49	0.02
SQU-US	2025-11-21 17:30:00	6.05	50.29	0.32	7.03	12.27	5.97	0.02
SQU-US	2025-11-21 17:45:00	6.06	50.57	0.32	7.04	12.28	6.40	0.02
SQU-US	2025-11-21 18:00:00	6.06	50.60	0.32	7.15	12.26	5.83	0.02
SQU-US	2025-11-21 18:15:00	6.07	50.73	0.33	7.08	12.25	5.14	0.02
SQU-US	2025-11-21 18:30:00	6.07	50.63	0.32	7.18	12.59	7.53	0.02
SQU-US	2025-11-21 18:45:00	6.09	0.37	0.32	7.35	12.68	1.86	0.00
SQU-US	2025-11-21 19:00:00	6.16	0.23	0.32	7.37	12.66	1.34	0.00
SQU-US	2025-11-21 19:15:00	6.21	0.21	0.32	7.36	12.63	1.30	0.00
SQU-US	2025-11-21 19:30:00	6.25	0.19	0.32	7.35	12.63	1.32	0.00
SQU-US	2025-11-21 19:45:00	6.31	0.18	0.32	7.32	12.61	1.28	0.00
SQU-US	2025-11-21 20:00:00	6.35	0.18	0.32	7.30	12.59	1.22	0.00
SQU-US	2025-11-21 20:15:00	6.37	0.16	0.32	7.27	12.59	1.21	0.00
SQU-US	2025-11-21 20:30:00	6.39	0.16	0.32	7.24	12.57	1.18	0.00
SQU-US	2025-11-21 20:45:00	6.40	0.16	0.32	7.21	12.57	1.21	0.00
SQU-US	2025-11-21 21:00:00	6.43	0.14	0.32	7.19	12.56	1.18	0.00
SQU-US	2025-11-21 21:15:00	6.47	0.15	0.32	7.17	12.54	1.16	0.00
SQU-US	2025-11-21 21:30:00	6.49	0.15	0.32	7.14	12.53	1.12	0.00
SQU-US	2025-11-21 21:45:00	6.51	0.15	0.32	7.12	12.54	1.13	0.00

Squamish River								
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**	**Salinity (PSU)**
SQU-US	2025-11-21 22:00:00		0.14			12.53		0.00
SQU-US	2025-11-21 22:15:00	6.55	0.15	0.32	7.08	12.52	1.15	0.00
SQU-US	2025-11-21 22:30:00	6.63	0.13	0.32	7.07	12.50	1.09	0.00
SQU-US	2025-11-21 22:45:00	6.67	0.15	0.32	7.05	12.47	1.09	0.00
SQU-US	2025-11-21 23:00:00	6.69	0.15	0.32	7.03	12.48	1.14	0.00
SQU-US	2025-11-21 23:15:00	6.69	0.15	0.32	7.01	12.48	1.07	0.00
SQU-US	2025-11-21 23:30:00	6.71	0.14	0.32	6.99	12.47	1.10	0.00
SQU-US	2025-11-21 23:45:00	6.72	0.14	0.32	6.98	12.47	1.06	0.00
SQU-US	2025-11-22 00:00:00	6.71	0.14	0.32	6.95	12.45	1.03	0.00
SQU-US	2025-11-22 00:15:00	6.72	0.14	0.32	6.94	12.46	1.02	0.00
SQU-US	2025-11-22 00:30:00	6.74	0.15	0.32	6.92	12.45	1.05	0.00
SQU-US	2025-11-22 00:45:00	6.74	0.14	0.32	6.91	12.45	1.03	0.00
SQU-US	2025-11-22 01:00:00		0.13			12.45		0.00
SQU-US	2025-11-22 01:15:00	6.77	0.14	0.32	6.89	12.44	1.03	0.00
SQU-US	2025-11-22 01:30:00	6.78	0.14	0.32	6.88	12.43	1.05	0.00
SQU-US	2025-11-22 01:45:00	6.80	0.14	0.32	6.86	12.43	1.05	0.00
SQU-US	2025-11-22 02:00:00	6.78	0.15	0.32	6.86	12.43	1.01	0.00
SQU-US	2025-11-22 02:15:00	6.78	0.15	0.32	6.85	12.43	1.00	0.00
SQU-US	2025-11-22 02:30:00	6.80	0.16	0.32	6.84	12.42	1.01	0.00
SQU-US	2025-11-22 02:45:00	6.78	0.15	0.32	6.83	12.42	1.01	0.00
SQU-US	2025-11-22 03:00:00	6.76	0.14	0.32	6.82	12.43	1.02	0.00
SQU-US	2025-11-22 03:15:00	6.74	0.15	0.32	6.81	12.44	1.00	0.00
SQU-US	2025-11-22 03:30:00	6.75	0.15	0.33	6.81	12.43	0.97	0.00
SQU-US	2025-11-22 03:45:00	6.74	0.15	0.33	6.80	12.43	1.00	0.00
SQU-US	2025-11-22 04:00:00	6.77	0.15	0.33	6.79	12.42	0.96	0.00
SQU-US	2025-11-22 04:15:00	6.79	0.15	0.33	6.79	12.41	0.99	0.00
SQU-US	2025-11-22 04:30:00	6.78	0.15	0.33	6.78	12.42	0.96	0.00
SQU-US	2025-11-22 04:45:00	6.81	0.16	0.33	6.77	12.39	0.99	0.00
SQU-US	2025-11-22 05:00:00	6.86	0.15	0.33	6.77	12.39	1.21	0.00
SQU-US	2025-11-22 05:15:00	6.17	48.64	0.30	7.38	12.32	5.63	0.02
SQU-US	2025-11-22 05:30:00	6.13	48.22	0.32	7.00	12.27	4.44	0.02
SQU-US	2025-11-22 05:45:00	6.12	47.86	0.31	7.07	12.29	5.32	0.02
SQU-US	2025-11-22 06:00:00	6.13	47.74	0.31	7.08	12.29	4.34	0.02
SQU-US	2025-11-22 06:15:00	6.13	47.62	0.32	7.08	12.29	5.24	0.02
SQU-US	2025-11-22 06:30:00	6.12	47.21	0.32	7.12	12.31	4.94	0.02
SQU-US	2025-11-22 06:45:00	6.11	46.83	0.32	7.13	12.34	4.84	0.02
SQU-US	2025-11-22 07:00:00		47.13			12.34		0.02
SQU-US	2025-11-22 07:15:00	6.12	47.16	0.32	7.13	12.34	5.02	0.02
SQU-US	2025-11-22 07:30:00	6.13	47.00	0.32	7.19	12.35	4.45	0.02
SQU-US	2025-11-22 07:45:00	6.12	46.74	0.33	7.13	12.37	5.35	0.02
SQU-US	2025-11-22 08:00:00	6.12	46.65	0.32	7.19	12.37	7.80	0.02
SQU-US	2025-11-22 08:15:00	6.14	46.91	0.33	7.15	12.35	5.08	0.02
SQU-US	2025-11-22 08:30:00	6.16	47.42	0.32	7.19	12.34	10.91	0.02
SQU-US	2025-11-22 08:45:00	6.19	47.96	0.33	7.15	12.31	20.45	0.02
SQU-US	2025-11-22 09:00:00	6.22	48.65	0.32	7.12	12.25	10.97	0.02
SQU-US	2025-11-22 09:15:00	6.26	49.03	0.32	7.08	12.23	9.74	0.02
SQU-US	2025-11-22 09:30:00	6.26	48.36	0.32	7.03	12.24	9.30	0.02
SQU-US	2025-11-22 09:45:00	6.27	48.26	0.32	7.01	12.23	9.17	0.02
SQU-US	2025-11-22 10:00:00	6.27	48.44	0.31	7.06	12.23	12.63	0.02
SQU-US	2025-11-22 10:15:00	6.28	48.01	0.32	7.03	12.25	13.58	0.02
SQU-US	2025-11-22 10:30:00	6.29	48.02	0.31	7.05	12.25	16.37	0.02
SQU-US	2025-11-22 10:45:00	6.28	47.01	0.32	7.07	12.27	21.40	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	2025-11-22 11:00:00	6.29	46.60	0.32	7.02	12.26	18.77	0.02
SQU-US	2025-11-22 11:15:00	6.28	45.78	0.32	7.03	12.29	20.14	0.02
SQU-US	2025-11-22 11:30:00	6.26	45.18	0.31	7.05	12.28	24.39	0.02
SQU-US	2025-11-22 11:45:00	6.27	44.63	0.31	7.05	12.30	23.02	0.02
SQU-US	2025-11-22 12:00:00	6.29	44.28	0.32	7.05	12.28	20.03	0.02
SQU-US	2025-11-22 12:15:00	6.28	43.27	0.32	7.04	12.31	19.41	0.02
SQU-US	2025-11-22 12:30:00	6.29	42.90	0.32	7.03	12.29	25.96	0.02
SQU-US	2025-11-22 12:45:00	6.29	42.34	0.32	7.07	12.30	25.78	0.02
SQU-US	2025-11-22 13:00:00	6.31	42.08	0.32	7.02	12.32	29.46	0.02
SQU-US	2025-11-22 13:15:00	6.30	40.91	0.32	7.07	12.33	36.06	0.02
SQU-US	2025-11-22 13:30:00	6.31	40.91	0.32	7.04	12.34	31.48	0.02
SQU-US	2025-11-22 13:45:00	6.33	41.08	0.32	7.02	12.36	35.81	0.02
SQU-US	2025-11-22 14:00:00	6.33	40.18	0.32	7.05	12.38	41.43	0.02
SQU-US	2025-11-22 14:15:00	6.34	40.36	0.33	7.02	12.38	37.92	0.02
SQU-US	2025-11-22 14:30:00	6.33	39.53	0.33	7.07	12.41	38.74	0.02
SQU-US	2025-11-22 14:45:00	6.31	38.41	0.33	7.05	12.47	49.87	0.02
SQU-US	2025-11-22 15:00:00	6.32	38.18	0.33	7.10	12.48	42.82	0.02
SQU-US	2025-11-22 15:15:00	6.32	37.53	0.33	7.10	12.54	49.82	0.02
SQU-US	2025-11-22 15:30:00	6.31	35.71	0.33	7.14	12.60	57.43	0.02
SQU-US	2025-11-22 15:45:00	6.31	34.99	0.33	7.10	12.63	65.77	0.01
SQU-US	2025-11-22 16:00:00	6.33	35.13	0.33	7.11	12.64	61.33	0.02
SQU-US	2025-11-22 16:15:00	6.34	34.61	0.33	7.08	12.64	71.41	0.01
SQU-US	2025-11-22 16:30:00	6.33	33.42	0.33	7.11	12.67	69.95	0.01
SQU-US	2025-11-22 16:45:00	6.34	31.11	0.33	7.06	12.68	79.18	0.01
SQU-US	2025-11-22 17:00:00	6.34	32.37	0.33	7.08	12.66	69.57	0.01
SQU-US	2025-11-22 17:15:00	6.35	31.58	0.33	7.05	12.72	73.24	0.01
SQU-US	2025-11-22 17:30:00	6.35	31.14	0.33	7.07	12.73	85.18	0.01
SQU-US	2025-11-22 17:45:00	6.38	30.90	0.33	7.04	12.72	52.89	0.01
SQU-US	2025-11-22 18:00:00	6.38	30.30	0.33	7.05	12.72	71.23	0.01
SQU-US	2025-11-22 18:15:00	6.40	30.61	0.33	7.06	12.72	57.06	0.01
SQU-US	2025-11-22 18:30:00	6.41	30.15	0.33	7.04	12.71	63.55	0.01
SQU-US	2025-11-22 18:45:00	6.43	30.10	0.33	7.04	12.70	74.24	0.01
SQU-US	2025-11-22 19:00:00	6.44	30.01	0.33	7.02	12.71	64.35	0.01
SQU-US	2025-11-22 19:15:00	6.45	29.75	0.33	7.02	12.70	67.92	0.01
SQU-US	2025-11-22 19:30:00	6.46	29.60	0.33	7.01	12.70	66.34	0.01
SQU-US	2025-11-22 19:45:00	6.48	29.46	0.33	6.99	12.72	88.01	0.01
SQU-US	2025-11-22 20:00:00	6.48	28.82	0.33	6.99	12.71	79.60	0.01
SQU-US	2025-11-22 20:15:00	6.50	29.06	0.33	6.98	12.71	74.20	0.01
SQU-US	2025-11-22 20:30:00	6.51	28.55	0.33	7.00	12.73	78.58	0.01
SQU-US	2025-11-22 20:45:00	6.51	28.54	0.33	7.00	12.72	75.29	0.01
SQU-US	2025-11-22 21:00:00	6.53	28.47	0.33	6.99	12.74	86.80	0.01
SQU-US	2025-11-22 21:15:00	6.53	28.63	0.34	6.91	12.73	80.82	0.01
SQU-US	2025-11-22 21:30:00	6.52	28.15	0.34	6.97	12.75	82.61	0.01
SQU-US	2025-11-22 21:45:00	6.54	28.30	0.34	6.90	12.76	117.78	0.01
SQU-US	2025-11-22 22:00:00	6.53	27.71	0.34	6.94	12.75	102.12	0.01
SQU-US	2025-11-22 22:15:00	6.54	27.72	0.33	7.00	12.74	91.22	0.01
SQU-US	2025-11-22 22:30:00	6.53	26.75	0.33	7.02	12.75	103.64	0.01
SQU-US	2025-11-22 22:45:00	6.54	27.05	0.34	6.97	12.68	126.75	0.01
SQU-US	2025-11-22 23:00:00	6.53	25.79	0.33	7.02	12.52	123.88	0.01
SQU-US	2025-11-22 23:15:00	6.54	24.65	0.32	7.26	12.33	127.85	0.01
SQU-US	2025-11-22 23:30:00	6.54	22.10	0.32	7.35	12.08	84.26	0.01
SQU-US	2025-11-22 23:45:00	6.55	20.57	0.32	7.36	11.85	93.08	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	2025-11-23 00:00:00	6.55	18.47	0.32	7.37	11.59	93.39	0.01
SQU-US	2025-11-23 00:15:00	6.55	19.19	0.32	7.38	11.35	103.02	0.01
SQU-US	2025-11-23 00:30:00	6.55	19.96	0.32	7.26	11.10	76.27	0.01
SQU-US	2025-11-23 00:45:00	6.55	23.04	0.33	7.10	10.92	75.02	0.01
SQU-US	2025-11-23 01:00:00	6.56	25.08	0.33	7.07	10.64	87.25	0.01
SQU-US	2025-11-23 01:15:00	6.56	24.59	0.34	7.00	11.80	101.31	0.01
SQU-US	2025-11-23 01:30:00	6.55	24.49	0.34	6.90	13.07	155.62	0.01
SQU-US	2025-11-23 01:45:00	6.55	24.66	0.34	6.94	13.08	99.46	0.01
SQU-US	2025-11-23 02:00:00		24.35			13.08		0.01
SQU-US	2025-11-23 02:15:00	6.53	23.54	0.34	6.99	13.11	81.20	0.01
SQU-US	2025-11-23 02:30:00	6.52	23.57	0.34	6.93	13.10	74.78	0.01
SQU-US	2025-11-23 02:45:00	6.53	23.99	0.34	6.97	13.08	76.61	0.01
SQU-US	2025-11-23 03:00:00	6.53	24.32	0.34	6.93	13.06	101.33	0.01
SQU-US	2025-11-23 03:15:00	6.51	23.72	0.34	6.91	13.07	79.13	0.01
SQU-US	2025-11-23 03:30:00	6.53	24.42	0.34	6.89	13.04	73.48	0.01
SQU-US	2025-11-23 03:45:00	6.52	24.20	0.34	6.97	13.03	89.96	0.01
SQU-US	2025-11-23 04:00:00	6.51	23.84	0.34	6.92	13.04	103.12	0.01
SQU-US	2025-11-23 04:15:00	6.52	24.42	0.34	6.95	13.00	76.64	0.01
SQU-US	2025-11-23 04:30:00	6.51	24.05	0.34	6.91	13.00	56.70	0.01
SQU-US	2025-11-23 04:45:00	6.52	24.38	0.34	6.93	12.97	63.75	0.01
SQU-US	2025-11-23 05:00:00	6.50	24.09	0.34	6.96	12.96	64.40	0.01
SQU-US	2025-11-23 05:15:00	6.50	24.18	0.34	6.92	12.95	58.44	0.01
SQU-US	2025-11-23 05:30:00	6.51	24.42	0.34	6.89	12.91	53.31	0.01
SQU-US	2025-11-23 05:45:00	6.50	24.04	0.34	6.95	12.92	57.85	0.01
SQU-US	2025-11-23 06:00:00	6.51	24.77	0.34	6.91	12.89	62.69	0.01
SQU-US	2025-11-23 06:15:00	6.50	24.45	0.34	6.94	12.89	53.71	0.01
SQU-US	2025-11-23 06:30:00	6.50	24.79	0.34	6.91	12.90	51.76	0.01
SQU-US	2025-11-23 06:45:00	6.50	24.79	0.34	6.94	12.88	46.68	0.01
SQU-US	2025-11-23 07:00:00	6.50	25.08	0.34	6.96	12.88	45.63	0.01
SQU-US	2025-11-23 07:15:00	6.50	24.93	0.34	6.91	12.88	44.46	0.01
SQU-US	2025-11-23 07:30:00	6.49	25.06	0.34	6.95	12.87	41.44	0.01
SQU-US	2025-11-23 07:45:00	6.49	25.13	0.34	6.95	12.86	42.05	0.01
SQU-US	2025-11-23 08:00:00	6.50	25.63	0.34	6.96	12.85	36.16	0.01
SQU-US	2025-11-23 08:15:00	6.50	25.97	0.34	7.00	12.83	34.28	0.01
SQU-US	2025-11-23 08:30:00	6.50	26.04	0.34	6.96	12.84	29.23	0.01
SQU-US	2025-11-23 08:45:00	6.50	25.94	0.34	6.95	12.83	32.09	0.01
SQU-US	2025-11-23 09:00:00	6.51	26.27	0.34	6.99	12.83	28.46	0.01
SQU-US	2025-11-23 09:15:00	6.53	26.50	0.34	6.95	12.80	36.88	0.01
SQU-US	2025-11-23 09:30:00	6.54	26.66	0.34	6.96	12.78	32.93	0.01
SQU-US	2025-11-23 09:45:00	6.55	26.84	0.34	6.98	12.76	29.51	0.01
SQU-US	2025-11-23 10:00:00	6.55	27.28	0.34	6.99	12.75	29.76	0.01
SQU-US	2025-11-23 10:15:00	6.56	27.27	0.34	6.95	12.74	34.53	0.01
SQU-US	2025-11-23 10:30:00	6.58	27.77	0.34	6.94	12.72	33.00	0.01
SQU-US	2025-11-23 10:45:00	6.59	27.86	0.34	6.94	12.70	31.72	0.01
SQU-US	2025-11-23 11:00:00	6.62	28.19	0.34	7.00	12.67	30.01	0.01
SQU-US	2025-11-23 11:15:00	6.63	27.93	0.34	6.95	12.66	30.32	0.01
SQU-US	2025-11-23 11:30:00	6.62	28.17	0.34	6.94	12.64	32.75	0.01
SQU-US	2025-11-23 11:45:00	6.61	28.64	0.34	6.92	12.60	26.61	0.01
SQU-US	2025-11-23 12:00:00	6.60	28.48	0.34	6.94	12.59	31.01	0.01
SQU-US	2025-11-23 12:15:00	6.60	28.65	0.34	6.87	12.56	27.91	0.01
SQU-US	2025-11-23 12:30:00	6.60	28.94	0.34	6.92	12.54	27.45	0.01
SQU-US	2025-11-23 12:45:00	6.61	29.61	0.34	6.93	12.52	30.71	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	2025-11-23 13:00:00	6.62	29.75	0.34	6.88	12.51	27.65	0.01
SQU-US	2025-11-23 13:15:00	6.63	29.83	0.34	6.91	12.47	26.51	0.01
SQU-US	2025-11-23 13:30:00	6.61	30.20	0.34	6.87	12.45	30.41	0.01
SQU-US	2025-11-23 13:45:00	6.63	30.81	0.34	6.89	12.41	31.27	0.01
SQU-US	2025-11-23 14:00:00	6.61	30.50	0.34	6.89	12.43	22.96	0.01
SQU-US	2025-11-23 14:15:00	6.61	31.09	0.34	6.91	12.40	29.75	0.01
SQU-US	2025-11-23 14:30:00	6.58	31.00	0.34	6.84	12.39	24.55	0.01
SQU-US	2025-11-23 14:45:00	6.57	31.55	0.34	6.90	12.38	24.31	0.01
SQU-US	2025-11-23 15:00:00	6.52	30.81	0.34	6.86	12.40	22.39	0.01
SQU-US	2025-11-23 15:15:00	6.50	31.03	0.34	6.86	12.38	23.46	0.01
SQU-US	2025-11-23 15:30:00	6.47	31.09	0.34	6.91	12.39	23.90	0.01
SQU-US	2025-11-23 15:45:00	6.46	31.43	0.34	6.86	12.37	30.94	0.01
SQU-US	2025-11-23 16:00:00	6.46	32.09	0.34	6.85	12.36	27.23	0.01
SQU-US	2025-11-23 16:15:00	6.43	31.77	0.34	6.87	12.35	23.36	0.01
SQU-US	2025-11-23 16:30:00	6.42	31.98	0.34	6.87	12.37	23.94	0.01
SQU-US	2025-11-23 16:45:00	6.41	32.30	0.34	6.89	12.36	25.32	0.01
SQU-US	2025-11-23 17:00:00	6.41	32.87	0.34	6.90	12.33	21.73	0.01
SQU-US	2025-11-23 17:15:00	6.40	33.16	0.34	6.88	12.34	20.92	0.01
SQU-US	2025-11-23 17:30:00	6.39	32.85	0.34	6.89	12.34	24.07	0.01
SQU-US	2025-11-23 17:45:00	6.37	32.89	0.34	6.89	12.35	22.70	0.01
SQU-US	2025-11-23 18:00:00	6.36	33.07	0.34	6.91	12.33	18.32	0.01
SQU-US	2025-11-23 18:15:00	6.34	33.06	0.34	6.89	12.33	19.72	0.01
SQU-US	2025-11-23 18:30:00	6.34	33.84	0.34	6.88	12.32	22.19	0.01
SQU-US	2025-11-23 18:45:00	6.33	33.48	0.34	6.87	12.30	22.07	0.01
SQU-US	2025-11-23 19:00:00	6.31	33.48	0.34	6.82	12.31	23.92	0.01
SQU-US	2025-11-23 19:15:00	6.31	33.88	0.34	6.83	12.29	22.39	0.01
SQU-US	2025-11-23 19:30:00	6.30	34.03	0.34	6.82	12.28	22.37	0.01
SQU-US	2025-11-23 19:45:00	6.29	34.14	0.34	6.79	12.30	28.26	0.01
SQU-US	2025-11-23 20:00:00	6.28	34.29	0.34	6.82	12.29	18.05	0.01
SQU-US	2025-11-23 20:15:00	6.26	34.52	0.34	6.82	12.27	18.83	0.01
SQU-US	2025-11-23 20:30:00	6.24	34.42	0.34	6.84	12.30	16.52	0.01
SQU-US	2025-11-23 20:45:00	6.24	34.78	0.34	6.81	12.29	20.86	0.01
SQU-US	2025-11-23 21:00:00	6.22	34.71	0.34	6.84	12.28	39.70	0.01
SQU-US	2025-11-23 21:15:00	6.20	34.81	0.34	6.85	12.29	22.14	0.01
SQU-US	2025-11-23 21:30:00	6.17	34.79	0.34	6.84	12.30	19.35	0.01
SQU-US	2025-11-23 21:45:00	6.15	35.30	0.34	6.90	12.31	19.65	0.02
SQU-US	2025-11-23 22:00:00	6.14	35.78	0.34	6.86	12.32	16.60	0.02
SQU-US	2025-11-23 22:15:00	6.12	35.80	0.34	6.90	12.32	19.06	0.02
SQU-US	2025-11-23 22:30:00	6.11	36.05	0.34	6.87	12.31	22.52	0.02
SQU-US	2025-11-23 22:45:00	6.09	36.14	0.34	6.87	12.30	19.71	0.02
SQU-US	2025-11-23 23:00:00	6.07	35.78	0.34	6.91	12.33	18.62	0.02
SQU-US	2025-11-23 23:15:00	6.05	35.97	0.34	6.91	12.33	20.41	0.02
SQU-US	2025-11-23 23:30:00	6.03	36.03	0.34	6.92	12.33	18.21	0.02
SQU-US	2025-11-23 23:45:00	6.02	36.38	0.34	6.90	12.33	29.51	0.02


150
100
50
0
17-Nov
18-Nov
19-Nov
20-Nov
21-Nov
22-Nov
23-Nov
24-No
Guideline
BC FWAL - Acute
Monitoring location
SQU-DS
SQU-US

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

Woodfibre Site Sample Analysis

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - 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 2025-11-18 09:04:00**
In situ Parameters								
Field pH	pH Units	-	6.5 - 9	-	-	7 - 8.7	-	7.21
Field Temperature	°C	18	19	-	-	-	-	10.5
General Parameters								
pH	pH Units	-	-	-	-	-	-	7.57
Alkalinity (Total as $CaCO_3$)	mg/L	-	-	-	-	-	-	53
Alkalinity (PP as $CaCO_3$)	mg/L	-	-	-	-	-	-	<1
Hardness ($CaCO_3$)-Total	mg/L	-	-	-	-	-	-	60.7
Hardness ($CaCO_3$)-Dissolved	mg/L	-	-	-	-	-	-	59.3
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	15.9	-	12	83	-	<0.015
Bicarbonate (HCO_3)	mg/L	-	-	-	-	-	-	64
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	-	-	-	-	-	-	0.125
Phosphorus (P)-Total (4500-P)	mg/L	-	-	-	-	-	-	0.0023
Bromide (Br)	mg/L	-	-	-	-	-	-	<0.01
Chloride (Cl)	mg/L	150	600	-	-	-	-	8
Fluoride (F)	mg/L	-	1.133	-	-	1.5	-	0.31
Sulphate (SO_4)-Dissolved	mg/L	218	-	-	-	-	-	11

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Total Metals								
Aluminum (Al)-Total	mg/L	0.093869	-	-	-	-	-	**0.203**
Antimony (Sb)-Total	mg/L	0.074	0.25	-	-	-	-	0.000215
Arsenic (As)-Total	mg/L	0.005	-	-	0.0125	-	-	0.00127
Barium (Ba)-Total	mg/L	-	-	1	-	-	-	0.00588
Beryllium (Be)-Total	mg/L	-	-	0.00013	-	-	0.1	<0.00001
Bismuth (Bi)-Total	mg/L	-	-	-	-	-	-	<0.00001
Boron (B)-Total	mg/L	1.2	-	-	1.2	-	-	0.013
Cadmium (Cd)-Total	mg/L	-	-	-	-	-	0.00012	0.0000103
Calcium (Ca)-Total	mg/L	-	-	-	-	-	-	22.6
Cesium (Cs)-Total	mg/L	-	-	-	-	-	-	<0.00005
Chromium (Cr)-Total	mg/L	-	-	-	-	-	-	0.00141
Chromium (Cr III)-Total	mg/L	-	-	0.0089	-	-	0.056	0.0014
Chromium (Cr VI)-Total	mg/L	-	-	0.0025	-	-	0.0015	<0.00099
Cobalt (Co)-Total	mg/L	-	-	-	-	-	-	0.00005
Copper (Cu)-Total	mg/L	-	-	-	0.002	0.003	-	0.00066
Iron (Fe)-Total	mg/L	-	1	-	-	-	-	0.0369
Lead (Pb)-Total	mg/L	-	-	-	0.002	0.14	-	0.000023
Lithium (Li)-Total	mg/L	-	-	-	-	-	-	0.00306
Magnesium (Mg)-Total	mg/L	-	-	-	-	-	-	1.04
Manganese (Mn)-Total	mg/L	0.872	1.209	-	-	-	0.1	0.0197
Mercury (Hg)-Total	mg/L	0.00002	-	-	0.00002	-	-	<0.0000019
Molybdenum (Mo)-Total	mg/L	7.6	46	-	-	-	-	0.0304
Nickel (Ni)-Total	mg/L	-	-	-	-	-	0.0083	0.00016
Phosphorus (P)-Total (ICPMS)	mg/L	-	-	-	-	-	-	<0.005
Potassium (K)-Total	mg/L	-	-	-	-	-	-	0.99
Rubidium (Rb)-Total	mg/L	-	-	-	-	-	-	0.0018
Selenium (Se)-Total	mg/L	0.002	-	-	0.002	-	-	<0.00004
Silicon (Si)-Total	mg/L	-	-	-	-	-	-	6.79
Silver (Ag)-Total	mg/L	0.00012	-	-	0.0005	0.0037	0.0005	<0.00001
Sodium (Na)-Total	mg/L	-	-	-	-	-	-	5.22
Strontium (Sr)-Total	mg/L	-	-	-	-	-	-	0.0509
Sulphur (S)-Total	mg/L	-	-	-	-	-	-	3.7
Tellurium (Te)-Total	mg/L	-	-	-	-	-	-	<0.00002
Thallium (Tl)-Total	mg/L	-	-	0.00003	-	-	-	0.000007
Thorium (Th)-Total	mg/L	-	-	-	-	-	-	<0.00005
Tin (Sn)-Total	mg/L	-	-	-	-	-	-	<0.0002
Titanium (Ti)-Total	mg/L	-	-	-	-	-	-	<0.002
Uranium (U)-Total	mg/L	-	0.0165	0.0075	-	-	-	0.00169
Vanadium (V)-Total	mg/L	-	-	0.06	-	-	0.005	<0.0002
Zinc (Zn)-Total	mg/L	-	-	-	0.01	0.055	-	0.0028
Zirconium (Zr)-Total	mg/L	-	-	-	-	-	-	<0.0001

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Dissolved Metals								
Aluminum (Al)-Dissolved	mg/L	-	-	-	-	-	-	0.0887
Antimony (Sb)-Dissolved	mg/L	-	-	-	-	-	-	0.000221
Arsenic (As)-Dissolved	mg/L	-	-	-	-	-	-	0.00121
Barium (Ba)-Dissolved	mg/L	-	-	-	-	-	-	0.00597
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	0.000146	0.000352	-	-	-	-	0.0000093
Calcium (Ca)-Dissolved	mg/L	-	-	-	-	-	-	22.1
Cesium (Cs)-Dissolved	mg/L	-	-	-	-	-	-	<0.00005
Chromium (Cr)-Dissolved	mg/L	-	-	-	-	-	-	0.00023
Cobalt (Co)-Dissolved	mg/L	0.000415	-	-	-	-	-	0.0000398
Copper (Cu)-Dissolved	mg/L	0.0003	0.00188	-	-	-	-	**0.000567**
Iron (Fe)-Dissolved	mg/L	-	0.35	-	-	-	-	0.0043
Lead (Pb)-Dissolved	mg/L	0.002369	-	-	-	-	-	<0.000005
Lithium (Li)-Dissolved	mg/L	-	-	-	-	-	-	0.00277
Manganese (Mn)-Dissolved	mg/L	-	-	-	-	-	-	0.0166
Magnesium (Mg)-Dissolved	mg/L	-	-	-	-	-	-	1
Mercury (Hg)-Dissolved	mg/L	-	-	-	-	-	-	<0.0000019
Molybdenum (Mo)-Dissolved	mg/L	-	-	-	-	-	-	0.0307
Nickel (Ni)-Dissolved	mg/L	0.0013	0.0222	-	-	-	-	0.000127
Phosphorus (P)-Dissolved	mg/L	-	-	-	-	-	-	<0.002
Potassium (K)-Dissolved	mg/L	-	-	-	-	-	-	0.975
Rubidium (Rb)-Dissolved	mg/L	-	-	-	-	-	-	0.0018
Selenium (Se)-Dissolved	mg/L	-	-	-	-	-	-	<0.00004
Silicon (Si)-Dissolved	mg/L	-	-	-	-	-	-	6.42
Silver (Ag)-Dissolved	mg/L	-	-	-	-	-	-	<0.000005
Sodium (Na)-Dissolved	mg/L	-	-	-	-	-	-	4.91
Strontium (Sr)-Dissolved	mg/L	-	-	1.25	-	-	-	0.0515
Sulphur (S)-Dissolved	mg/L	-	-	-	-	-	-	3.6
Tellurium (Te)-Dissolved	mg/L	-	-	-	-	-	-	<0.00002
Thallium (Tl)-Dissolved	mg/L	-	-	-	-	-	-	0.0000076
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	-	-	-	-	-	-	0.00155
Vanadium (V)-Dissolved	mg/L	-	-	-	-	-	-	<0.0002
Zinc (Zn)-Dissolved	mg/L	0.008424	0.02896	-	-	-	-	0.00198
Zirconium (Zr)-Dissolved	mg/L	-	-	-	-	-	-	<0.0001

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Inorganics								
Organic Carbon (C)-Total	mg/L	-	-	-	-	-	-	2.5
Organic Carbon (C)-Dissolved	mg/L	-	-	-	-	-	-	1.6
Solids-Total Dissolved	mg/L	-	-	-	-	-	-	120
Solids-Total Suspended	mg/L	6	26	-	-	-	-	<1
Organics								
HEPH (C19-C32 less PAH)	mg/L	-	-	-	-	-	-	<0.2
LEPH (C10-C19 less PAH)	mg/L	-	-	-	-	-	-	<0.2
EPH (C10-C19)	mg/L	-	-	-	-	-	-	<0.2
EPH (C19-C32)	mg/L	-	-	-	-	-	-	<0.2
Ethylene Glycol	mg/L	-	-	-	-	-	-	<3
Diethylene Glycol	mg/L	-	-	-	-	-	-	<5
Triethylene Glycol	mg/L	-	-	-	-	-	-	<5
Propylene Glycol	mg/L	-	-	-	-	-	-	<5
Acenaphthene	mg/L	0.006	-	-	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

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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								
LC50	% vol/vol	-	-	-	-	-	-	>100

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In situ Parameters									
Field pH	pH Units	-	6.5 - 9	-	-	7 - 8.7	-	7.46	7.32
Field Temperature	°C	18	19	-	-	-	-	8.1	9.2
General Parameters									
pH	pH Units	-	-	-	-	-	-	6.53	7.18
Alkalinity (Total as $CaCO_3$)	mg/L	-	-	-	-	-	-	4.7	26
Alkalinity (PP as $CaCO_3$)	mg/L	-	-	-	-	-	-	<1	<1
Hardness ($CaCO_3$)-Total	mg/L	-	-	-	-	-	-	5.77	31.2
Hardness ($CaCO_3$)-Dissolved	mg/L	-	-	-	-	-	-	5.68	29
Sulphide-Total	mg/L	-	-	-	-	-	-	<0.0018	0.0057
Sulphide (as H_2S)	mg/L	-	-	0.002	-	-	-	<0.002	**0.0061**
Anions and Nutrients									
Ammonia (N)-Total	mg/L	1.85	12.9	-	12	121	-	<0.015	<0.015
Bicarbonate (HCO_3)	mg/L	-	-	-	-	-	-	5.8	32
Carbonate (CO_3)	mg/L	-	-	-	-	-	-	<1	<1
Hydroxide (OH)	mg/L	-	-	-	-	-	-	<1	<1
Nitrate (N)	mg/L	3	32.8	-	3.7	-	-	<0.02	<0.02
Nitrite (N)	mg/L	0.02	0.06	-	-	-	-	<0.005	<0.005
Nitrate plus Nitrite (N)	mg/L	-	-	-	-	-	-	<0.02	<0.02
Nitrogen (N)-Total	mg/L	-	-	-	-	-	-	0.09	0.093
Phosphorus (P)-Total (4500-P)	mg/L	-	-	-	-	-	-	0.046	0.016
Bromide (Br)	mg/L	-	-	-	-	-	-	<0.01	<0.01
Chloride (Cl)	mg/L	150	600	-	-	-	-	<1	3.6
Fluoride (F)	mg/L	-	0.4	-	-	1.5	-	<0.05	0.14
Sulphate (SO_4)-Dissolved	mg/L	128	-	-	-	-	-	1.1	5.7

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

[2] **Bold text** denotes value exceeding guidelines, 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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Total Metals									
Aluminum (Al)-Total	mg/L	0.098675	-	-	-	-	-	**0.107**	**0.154**
Antimony (Sb)-Total	mg/L	0.074	0.25	-	-	-	-	0.000025	0.000103
Arsenic (As)-Total	mg/L	0.005	-	-	0.0125	-	-	0.000162	0.000602
Barium (Ba)-Total	mg/L	-	-	1	-	-	-	0.00251	0.00433
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	0.0000065	0.0000075
Calcium (Ca)-Total	mg/L	-	-	-	-	-	-	1.89	11.5
Cesium (Cs)-Total	mg/L	-	-	-	-	-	-	<0.00005	<0.00005
Chromium (Cr)-Total	mg/L	-	-	-	-	-	-	0.00011	0.0003
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	-	-	-	-	-	-	0.000039	0.000037
Copper (Cu)-Total	mg/L	-	-	-	0.002	0.003	-	0.00088	0.00056
Iron (Fe)-Total	mg/L	-	1	-	-	-	-	0.0475	0.04
Lead (Pb)-Total	mg/L	-	-	-	0.002	0.14	-	0.000042	0.000021
Lithium (Li)-Total	mg/L	-	-	-	-	-	-	<0.0005	0.00142
Magnesium (Mg)-Total	mg/L	-	-	-	-	-	-	<0.25	0.58
Manganese (Mn)-Total	mg/L	0.63	0.604	-	-	-	0.1	0.00184	0.00864
Mercury (Hg)-Total	mg/L	0.00002	-	-	0.00002	-	-	0.000005	0.0000039
Molybdenum (Mo)-Total	mg/L	7.6	46	-	-	-	-	0.00032	0.013
Nickel (Ni)-Total	mg/L	-	-	-	-	-	0.0083	0.00025	0.00025
Phosphorus (P)-Total (ICPMS)	mg/L	-	-	-	-	-	-	0.0397	0.019
Potassium (K)-Total	mg/L	-	-	-	-	-	-	<0.25	0.5
Rubidium (Rb)-Total	mg/L	-	-	-	-	-	-	0.000218	0.000827
Selenium (Se)-Total	mg/L	0.002	-	-	0.002	-	-	<0.00004	<0.00004
Silicon (Si)-Total	mg/L	-	-	-	-	-	-	3.39	5.13
Silver (Ag)-Total	mg/L	0.00012	-	-	0.0005	0.0037	0.0005	<0.00001	<0.00001
Sodium (Na)-Total	mg/L	-	-	-	-	-	-	1.1	2.8
Strontium (Sr)-Total	mg/L	-	-	-	-	-	-	0.00854	0.0249
Sulphur (S)-Total	mg/L	-	-	-	-	-	-	<3	<3
Tellurium (Te)-Total	mg/L	-	-	-	-	-	-	<0.00002	<0.00002
Thallium (Tl)-Total	mg/L	-	-	0.00003	-	-	-	<0.000002	0.0000035
Thorium (Th)-Total	mg/L	-	-	-	-	-	-	<0.00005	<0.00005
Tin (Sn)-Total	mg/L	-	-	-	-	-	-	<0.0002	<0.0002
Titanium (Ti)-Total	mg/L	-	-	-	-	-	-	<0.002	<0.002
Uranium (U)-Total	mg/L	-	0.0165	0.0075	-	-	-	0.000127	0.000758
Vanadium (V)-Total	mg/L	-	-	0.06	-	-	0.005	<0.0002	<0.0002
Zinc (Zn)-Total	mg/L	-	-	-	0.01	0.055	-	0.0021	0.0017
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).

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Dissolved Metals									
Aluminum (Al)-Dissolved	mg/L	-	-	-	-	-	-	0.0681	0.077
Antimony (Sb)-Dissolved	mg/L	-	-	-	-	-	-	0.000023	0.000106
Arsenic (As)-Dissolved	mg/L	-	-	-	-	-	-	0.000141	0.000563
Barium (Ba)-Dissolved	mg/L	-	-	-	-	-	-	0.00239	0.00435
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	0.000026	0.000038	-	-	-	-	0.0000053	0.0000058
Calcium (Ca)-Dissolved	mg/L	-	-	-	-	-	-	1.86	10.7
Cesium (Cs)-Dissolved	mg/L	-	-	-	-	-	-	<0.00005	<0.00005
Chromium (Cr)-Dissolved	mg/L	-	-	-	-	-	-	<0.0001	0.00015
Cobalt (Co)-Dissolved	mg/L	0.000389	-	-	-	-	-	0.0000291	0.000016
Copper (Cu)-Dissolved	mg/L	0.00039	0.0024	-	-	-	-	**0.000895**	**0.000445**
Iron (Fe)-Dissolved	mg/L	-	0.35	-	-	-	-	0.0172	0.0094
Lead (Pb)-Dissolved	mg/L	0.001686	-	-	-	-	-	0.0000107	<0.000005
Lithium (Li)-Dissolved	mg/L	-	-	-	-	-	-	<0.0005	0.00138
Manganese (Mn)-Dissolved	mg/L	-	-	-	-	-	-	0.000761	0.00161
Magnesium (Mg)-Dissolved	mg/L	-	-	-	-	-	-	0.251	0.584
Mercury (Hg)-Dissolved	mg/L	-	-	-	-	-	-	0.000003	0.0000041
Molybdenum (Mo)-Dissolved	mg/L	-	-	-	-	-	-	0.00033	0.0134
Nickel (Ni)-Dissolved	mg/L	0.0009	0.0126	-	-	-	-	0.000259	0.000179
Phosphorus (P)-Dissolved	mg/L	-	-	-	-	-	-	0.0352	0.0103
Potassium (K)-Dissolved	mg/L	-	-	-	-	-	-	0.167	0.508
Rubidium (Rb)-Dissolved	mg/L	-	-	-	-	-	-	0.000206	0.000867
Selenium (Se)-Dissolved	mg/L	-	-	-	-	-	-	<0.00004	<0.00004
Silicon (Si)-Dissolved	mg/L	-	-	-	-	-	-	3.32	4.74
Silver (Ag)-Dissolved	mg/L	-	-	-	-	-	-	<0.000005	<0.000005
Sodium (Na)-Dissolved	mg/L	-	-	-	-	-	-	1.15	2.82
Strontium (Sr)-Dissolved	mg/L	-	-	1.25	-	-	-	0.00865	0.026
Sulphur (S)-Dissolved	mg/L	-	-	-	-	-	-	<3	<3
Tellurium (Te)-Dissolved	mg/L	-	-	-	-	-	-	<0.00002	<0.00002
Thallium (Tl)-Dissolved	mg/L	-	-	-	-	-	-	<0.000002	0.0000047
Thorium (Th)-Dissolved	mg/L	-	-	-	-	-	-	0.0000131	0.0000094
Tin (Sn)-Dissolved	mg/L	-	-	-	-	-	-	<0.0002	<0.0002
Titanium (Ti)-Dissolved	mg/L	-	-	-	-	-	-	<0.0005	<0.0005
Uranium (U)-Dissolved	mg/L	-	-	-	-	-	-	0.00012	0.000621
Vanadium (V)-Dissolved	mg/L	-	-	-	-	-	-	<0.0002	<0.0002
Zinc (Zn)-Dissolved	mg/L	0.003163	0.009101	-	-	-	-	0.00107	0.00114
Zirconium (Zr)-Dissolved	mg/L	-	-	-	-	-	-	<0.0001	<0.0001

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Inorganics									
Organic Carbon (C)-Total	mg/L	-	-	-	-	-	-	2.9	2.7
Organic Carbon (C)-Dissolved	mg/L	-	-	-	-	-	-	2.2	1.8
Solids-Total Dissolved	mg/L	-	-	-	-	-	-	36	44
Solids-Total Suspended	mg/L	6	26	-	-	-	-	<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).

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Woodfibre Site WTP Discharge Field Notes and Logs

Water Quality Field Data Sheet

Project: FORTIS11234

Location Information

Site ID:	WLNG EOP	**Date:**	November 18, 2025
Site Name:	East Creek	**Time:**	9:04
Crew:	WS		
Weather:	Cloudy		

In Situ Parameters

pH:	7.21		DO:	-	(mg/L)
Temp.:	10.5	(°C)	Cond:	211.6	(us)
Turbidity:	1.09	NTU	Salinity:	0.1	(ppt)
			ORP:	51.9	(mV)

Visible Sheen: NA

Water Surface Condition: Clear

Photo Record

Photo photo not taken

Observations

Duplicate taken

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

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Appendices:

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. 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 November 17 was 797,798 m³.

Daily Volume Summary:

Table 1: Discharge Volumes Daily Summary

Date	Location	Volume (m3)	Comments
November 17	Woodfibre (WF)	3,016	Exceeded discharge volume limit
November 18	WF	2,914	Exceeded discharge volume limit
November 19	WF	2,925	Exceeded discharge volume limit
November 20	WF	2,935	Exceeded discharge volume limit
November 21	WF	2,877	Exceeded discharge volume limit
November 22	WF	3,129	Exceeded discharge volume limit
November 23	WF	2,937	Exceeded discharge volume limit
	Total	20,733	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)
11/17/2025	0:00:00	7.4	1.597	1.7	797,798	13	255
11/17/2025	0:15:00	7.4	2.237	0.3	797,814	13.2	251
11/17/2025	0:30:00	7.4	3.297	0	797,857	12.8	254
11/17/2025	1:00:00	7.4	0.000	0.2	797,896	13.1	255
11/17/2025	1:15:00	7.4	3.157	0	797,926	13	251
11/17/2025	1:30:00	7.5	2.880	0	797,976	13	253
11/17/2025	1:45:00	7.5	3.327	0	798,019	13	255
11/17/2025	2:00:00	7.5	2.241	0	798,060	13.3	256
11/17/2025	2:15:00	7.4	3.130	0.5	798,103	13	255
11/17/2025	2:30:00	7.4	2.774	1.7	798,136	13.4	255
11/17/2025	2:45:00	7.5	2.403	4.4	798,182	13	255
11/17/2025	3:00:00	7.5	3.240	2	798,227	12.9	255
11/17/2025	3:15:00	7.5	2.706	1.6	798,273	13	255
11/17/2025	3:30:00	7.5	0.674	2.1	798,316	13	255
11/17/2025	3:45:00	7.5	3.176	0.7	798,342	13.1	256
11/17/2025	4:00:00	7.5	2.748	2.8	798,389	13	256
11/17/2025	4:15:00	7.5	2.377	2.9	798,427	12.9	256
11/17/2025	4:30:00	7.5	3.456	5.2	798,469	13.1	256
11/17/2025	4:45:00	7.5	3.478	6.9	798,521	13	257
11/17/2025	5:00:00	7.5	0.341	5.1	798,557	13.4	255
11/17/2025	5:15:00	7.5	2.385	8.1	798,577	13.4	256
11/17/2025	5:30:00	7.5	3.497	6.2	798,623	13.1	255

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
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Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/17/2025	6:00:00	7.5	3.429	1.2	798,671	12.8	254
11/17/2025	6:15:00	7.5	3.410	0.7	798,714	12.7	254
11/17/2025	6:30:00	7.5	2.657	0.2	798,763	12.8	255
11/17/2025	7:00:00	7.5	3.388	0	798,810	12.9	255
11/17/2025	7:15:00	7.5	3.346	0	798,859	12.8	256
11/17/2025	7:30:00	7.5	2.986	1.5	798,902	12.8	256
11/17/2025	7:45:00	7.5	2.668	0	798,918	13.9	255
11/17/2025	8:00:00	7.5	1.060	0	798,955	12.8	255
11/17/2025	8:15:00	7.5	2.820	0	798,987	12.8	256
11/17/2025	8:30:00	7.5	3.259	0	799,035	12.6	256
11/17/2025	8:45:00	7.5	3.327	0	799,078	12.5	255
11/17/2025	9:00:00	7.5	0.484	0.7	799,123	12.6	255
11/17/2025	9:15:00	7.5	3.338	0	799,141	12.7	255
11/17/2025	9:30:00	7.5	3.323	0.2	799,185	12.7	256
11/17/2025	9:45:00	7.5	3.289	0.2	799,235	12.6	113
11/17/2025	10:00:00	7.5	2.059	0	799,265	13	256
11/17/2025	10:15:00	7.5	0.731	0.6	799,305	12.4	253
11/17/2025	10:30:00	7.5	3.036	0	799,345	12.3	254
11/17/2025	10:45:00	7.5	2.634	1.6	799,390	12.5	256
11/17/2025	11:00:00	7.5	3.092	0	799,421	12.5	253
11/17/2025	11:15:00	7.5	0.795	1.5	799,458	12.4	256
11/17/2025	11:30:00	7.5	2.419	0	799,497	12.3	258
11/17/2025	11:45:00	7.5	2.907	0	799,528	12.3	256
11/17/2025	12:00:00	7.5	2.294	0	799,570	12.3	256
11/17/2025	12:15:00	7.5	1.752	1.6	799,608	12.3	255

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/17/2025	12:30:00	7.4	3.437	0	799,651	12.2	256
11/17/2025	12:45:00	7.4	3.418	0	799,701	12.2	255
11/17/2025	13:00:00	7.4	3.539	0	799,752	12.4	254
11/17/2025	13:15:00	7.4	3.282	0.7	799,803	12.4	254
11/17/2025	13:30:00	7.4	1.635	0	799,842	12.4	112
11/17/2025	13:45:00	7.5	3.172	0	799,878	12.4	112
11/17/2025	14:00:00	7.4	0.625	0	799,923	12.5	255
11/17/2025	14:15:00	7.4	3.225	0.1	799,945	12.6	253
11/17/2025	14:30:00	7.4	3.210	0.8	799,993	12.5	255
11/17/2025	14:45:00	7.4	3.043	0.3	800,039	12.5	255
11/17/2025	15:00:00	7.4	1.480	0	800,063	12.4	254
11/17/2025	15:15:00	7.4	3.372	0.7	800,107	12.3	255
11/17/2025	15:30:00	7.4	3.266	0	800,158	12.3	256
11/17/2025	15:45:00	7.4	2.650	4.6	800,204	12.5	255
11/17/2025	16:00:00	7.4	3.437	1.9	800,222	12.9	253
11/17/2025	16:15:00	7.4	3.486	0.6	800,267	12.3	110
11/17/2025	16:30:00	7.4	3.456	0	800,310	12.4	255
11/17/2025	16:45:00	7.4	2.328	0.2	800,342	12.3	255
11/17/2025	17:00:00	7.4	3.263	2.9	800,383	12.1	253
11/17/2025	17:15:00	7.4	1.544	0.3	800,420	12.1	252
11/17/2025	17:30:00	7.4	2.456	0	800,461	12.1	256
11/17/2025	17:45:00	7.4	3.297	0	800,491	12.2	254
11/17/2025	18:00:00	7.4	2.366	0.1	800,539	11.9	256
11/17/2025	18:15:00	7.4	2.865	3.3	800,584	11.9	257
11/17/2025	18:30:00	7.4	0.439	0	800,623	11.9	255

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/17/2025	18:45:00	7.4	3.134	0	800,667	11.8	110
11/17/2025	19:00:00	7.4	2.120	0	800,694	11.8	109
11/17/2025	19:15:00	7.4	2.914	0	800,730	11.7	109
11/17/2025	19:30:00	7.4	3.002	0	800,775	11.7	109
11/17/2025	19:45:00	7.4	1.472	5.1	800,818	11.6	107
11/17/2025	20:00:00	7.4	2.320	0.5	800,842	11.5	107
11/17/2025	20:15:00	7.4	2.309	3.3	800,877	11.5	108
11/17/2025	20:30:00	7.4	0.405	0	800,896	11.8	108
11/17/2025	20:45:00	7.4	3.039	0	800,932	11.5	109
11/17/2025	21:00:00	7.4	3.414	1	800,979	11.5	109
11/17/2025	21:15:00	7.4	3.403	1.8	801,030	11.5	109
11/17/2025	21:30:00	7.4	2.385	2.2	801,076	11.5	108
11/17/2025	21:45:00	7.4	3.111	0	801,113	11.5	108
11/17/2025	22:00:00	7.4	3.130	0.8	801,134	11.8	108
11/17/2025	22:15:00	7.4	1.817	0.8	801,175	11.5	107
11/17/2025	22:30:00	7.4	2.691	0.3	801,221	11.4	107
11/17/2025	22:45:00	7.4	0.746	0	801,236	11.6	107
11/17/2025	23:00:00	7.4	2.767	1.4	801,285	11.3	107
11/17/2025	23:15:00	7.4	3.418	0.7	801,333	11.3	107
11/17/2025	23:30:00	7.4	2.680	0	801,378	11.4	108
11/17/2025	23:45:00	7.3	3.285	0	801,398	11.6	107
11/18/2025	0:00:00	7.3	0.394	0	801,427	11.6	257
11/18/2025	0:15:00	7.4	2.884	0.4	801,457	11.6	257
11/18/2025	0:30:00	7.4	3.437	0	801,502	11.6	258
11/18/2025	0:45:00	7.4	2.737	0.5	801,548	11.7	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	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/18/2025	1:00:00	7.4	0.318	0	801,586	11.9	258
11/18/2025	1:15:00	7.4	2.207	0.2	801,612	11.8	258
11/18/2025	1:30:00	7.4	0.371	0	801,635	12.1	257
11/18/2025	1:45:00	7.4	3.369	0	801,673	11.8	257
11/18/2025	2:00:00	7.4	3.327	0	801,723	11.8	257
11/18/2025	2:15:00	7.3	2.793	0	801,767	11.8	258
11/18/2025	2:30:00	7.3	3.213	0	801,810	11.8	258
11/18/2025	2:45:00	7.3	0.261	1.6	801,851	11.9	258
11/18/2025	3:00:00	7.3	2.725	1.2	801,866	12.1	257
11/18/2025	3:15:00	7.2	0.447	2.2	801,886	12.4	260
11/18/2025	3:45:00	7.2	3.195	3.6	801,928	12	263
11/18/2025	4:00:00	7.3	2.358	10.7	801,973	12.1	264
11/18/2025	4:15:00	7.3	3.248	1.6	802,016	12	261
11/18/2025	4:30:00	7.3	3.266	2.5	802,038	12.4	265
11/18/2025	5:00:00	7.4	2.839	2.2	802,124	12.1	263
11/18/2025	5:15:00	7.4	2.933	0.3	802,169	12.2	263
11/18/2025	5:30:00	7.4	0.163	0	802,203	12.3	262
11/18/2025	5:45:00	7.4	2.612	2.4	802,224	12.1	262
11/18/2025	6:00:00	7.4	0.462	0.5	802,246	12.3	259
11/18/2025	6:15:00	7.4	3.372	0.1	802,293	11.8	259
11/18/2025	6:30:00	7.4	1.616	2.7	802,337	11.7	259
11/18/2025	6:45:00	7.5	2.755	2.8	802,375	11.6	260
11/18/2025	7:00:00	7.6	0.280	4.7	802,409	11.7	258
11/18/2025	7:15:00	7.6	3.285	0.8	802,439	11.6	258
11/18/2025	7:30:00	7.6	3.251	0.2	802,483	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	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/18/2025	7:45:00	7.6	1.734	0	802,520	11.7	262
11/18/2025	8:00:00	7.5	1.007	0	802,556	11.7	262
11/18/2025	8:15:00	7.5	3.456	0	802,591	11.6	262
11/18/2025	8:30:00	7.5	3.376	0.3	802,614	11.6	260
11/18/2025	8:45:00	7.5	2.544	0	802,659	11.5	262
11/18/2025	9:00:00	7.4	3.528	0	802,710	11.5	262
11/18/2025	9:15:00	7.4	3.410	0.6	802,762	11.4	262
11/18/2025	9:30:00	5.2	3.346	0.4	802,813	12.5	107
11/18/2025	9:45:00	7	1.329	0.2	802,859	12.2	257
11/18/2025	10:00:00	7.3	2.335	0.2	802,887	11.5	258
11/18/2025	10:15:00	7.3	3.319	2.6	802,934	11.4	260
11/18/2025	10:30:00	7.4	0.458	4.6	802,973	11.4	260
11/18/2025	10:45:00	7.3	3.342	4.3	803,018	11.3	260
11/18/2025	11:00:00	7.3	3.301	2.9	803,067	11.4	260
11/18/2025	11:15:00	7.4	1.919	1.1	803,100	11.4	260
11/18/2025	11:30:00	7.4	2.994	3.9	803,129	11.4	260
11/18/2025	11:45:00	7.4	2.956	2.5	803,173	11.4	258
11/18/2025	12:00:00	7.5	2.937	3.8	803,218	11.5	258
11/18/2025	12:15:00	7.6	0.428	2.8	803,235	11.6	258
11/18/2025	12:30:00	7.7	3.051	6.2	803,269	11.5	108
11/18/2025	12:45:00	7.6	1.631	3.9	803,299	11.7	109
11/18/2025	13:00:00	7.4	3.236	5.2	803,336	11.7	109
11/18/2025	13:15:00	7.3	3.085	8.5	803,366	11.9	257
11/18/2025	13:30:00	7.4	3.278	13.2	803,404	11.9	258
11/18/2025	13:45:00	7.5	3.278	17	803,453	11.7	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	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/18/2025	14:00:00	7.5	3.191	5.7	803,482	12	257
11/18/2025	14:15:00	7.5	0.670	7.1	803,530	12	257
11/18/2025	14:30:00	7.5	2.487	19.9	803,546	12.5	258
11/18/2025	14:45:00	7.4	3.073	11.3	803,592	12.2	258
11/18/2025	15:00:00	7.4	0.314	0.1	803,623	12.6	110
11/18/2025	15:15:00	7.5	0.689	11.6	803,634	13.6	111
11/18/2025	15:30:00	7.3	3.138	2.9	803,671	12.1	263
11/18/2025	15:45:00	7.3	2.869	8.5	803,717	12	259
11/18/2025	16:00:00	7.2	2.820	4.8	803,738	12.1	259
11/18/2025	16:15:00	7.2	3.429	3.5	803,788	11.9	260
11/18/2025	16:30:00	7.2	3.437	10.5	803,826	12	260
11/18/2025	16:45:00	7.2	2.680	14.1	803,874	12.1	262
11/18/2025	17:00:00	7.2	2.150	27.8	803,909	12	261
11/18/2025	17:15:00	7.2	3.391	0.1	803,946	11.9	261
11/18/2025	17:30:00	7.2	3.418	0.7	803,980	11.7	260
11/18/2025	17:45:00	7.2	3.092	2.4	804,022	11.7	261
11/18/2025	18:00:00	7.3	3.153	1.6	804,057	11.6	262
11/18/2025	18:15:00	7.3	3.236	3.9	804,105	11.7	259
11/18/2025	18:30:00	7.3	0.791	1.3	804,147	11.8	260
11/18/2025	18:45:00	7.3	3.145	2.1	804,162	12.1	261
11/18/2025	19:00:00	7.3	0.704	1.9	804,209	11.8	262
11/18/2025	19:15:00	7.3	3.278	6.9	804,228	11.8	259
11/18/2025	19:30:00	7.3	3.240	37.4	804,275	11.7	262
11/18/2025	19:45:00	7.3	3.089	1.1	804,314	11.6	260
11/18/2025	20:00:00	7.4	0.337	0.7	804,330	12	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	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/18/2025	20:15:00	7.3	3.168	1.6	804,373	11.6	258
11/18/2025	20:30:00	7.3	0.348	0.5	804,399	11.7	258
11/18/2025	20:45:00	7.3	2.547	2.1	804,432	11.5	258
11/18/2025	21:00:00	7.3	3.346	0.5	804,480	11.4	258
11/18/2025	21:15:00	7.2	2.680	0.8	804,527	11.4	109
11/18/2025	21:30:00	7.2	3.195	0.8	804,570	11.5	258
11/18/2025	21:45:00	7.2	3.149	0.6	804,618	11.5	258
11/18/2025	22:00:00	7.3	2.369	1.5	804,661	11.5	258
11/18/2025	22:15:00	7.3	2.691	0.6	804,683	11.5	258
11/18/2025	22:30:00	7.3	3.183	0.7	804,729	11.5	258
11/18/2025	22:45:00	7.3	0.341	0.7	804,767	11.6	259
11/18/2025	23:00:00	7.3	3.164	1.3	804,799	11.5	260
11/18/2025	23:15:00	7.3	2.400	1.9	804,838	11.5	260
11/18/2025	23:30:00	7.3	3.229	0.8	804,860	11.5	260
11/18/2025	23:45:00	7.3	3.198	0.3	804,908	11.4	260
11/19/2025	0:00:00	7.3	1.972	1.2	804,954	11.5	260
11/19/2025	0:15:00	7.3	3.160	1.1	804,991	11.6	260
11/19/2025	0:30:00	7.3	2.396	3.9	805,035	11.8	261
11/19/2025	0:45:00	7.3	3.168	1.5	805,080	11.8	259
11/19/2025	1:00:00	7.3	2.665	0.5	805,102	12.3	259
11/19/2025	1:15:00	7.2	3.179	0	805,148	11.9	258
11/19/2025	1:30:00	7.2	0.341	0	805,180	12.2	257
11/19/2025	1:45:00	7.2	2.430	0.3	805,212	12.2	257
11/19/2025	2:00:00	7.2	0.484	0	805,235	12.6	257
11/19/2025	2:15:00	7.2	3.232	0	805,279	12.4	256

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/19/2025	2:30:00	7.3	3.168	0.1	805,327	12.4	256
11/19/2025	2:45:00	7.3	2.668	1.6	805,349	12.6	256
11/19/2025	3:00:00	7.3	1.783	1.2	805,387	12.4	256
11/19/2025	3:15:00	7.3	3.232	0	805,431	12.4	259
11/19/2025	3:30:00	7.3	3.202	0	805,479	12.4	259
11/19/2025	3:45:00	7.3	2.657	0	805,523	12.5	259
11/19/2025	4:00:00	7.3	3.153	0	805,569	12.5	259
11/19/2025	4:15:00	7.4	2.422	4.3	805,583	13.5	259
11/19/2025	4:30:00	7.4	3.210	0	805,629	12.5	259
11/19/2025	4:45:00	7.4	3.195	0	805,672	12.4	259
11/19/2025	5:00:00	7.5	3.176	2.4	805,719	12.3	258
11/19/2025	5:15:00	7.4	3.138	2.9	805,766	12.1	257
11/19/2025	5:30:00	7.3	1.794	9.6	805,807	12	259
11/19/2025	5:45:00	7.2	3.236	2	805,832	12	262
11/19/2025	6:00:00	7.2	3.213	1.2	805,881	12	266
11/19/2025	6:15:00	7.1	3.176	4	805,928	12.1	266
11/19/2025	6:30:00	7.1	2.646	2.5	805,972	12.4	266
11/19/2025	6:45:00	7.1	0.371	4.6	806,010	12.6	266
11/19/2025	7:00:00	7.2	3.210	0.5	806,043	12.4	264
11/19/2025	7:15:00	7.2	3.179	1.3	806,091	12.3	262
11/19/2025	7:30:00	7.3	3.164	2.1	806,133	12.2	263
11/19/2025	7:45:00	7.3	3.126	5.1	806,181	12.2	261
11/19/2025	8:00:00	7.4	0.151	4	806,211	12.1	261
11/19/2025	8:15:00	7.3	2.752	8	806,240	11.9	262
11/19/2025	8:30:00	7.3	3.195	1.3	806,284	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	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/19/2025	8:45:00	7.3	3.153	2.5	806,331	11.9	263
11/19/2025	9:00:00	7.3	2.967	3.7	806,359	12.3	264
11/19/2025	9:15:00	7.3	2.525	0	806,395	11.9	261
11/19/2025	9:30:00	7.3	3.119	0.4	806,439	11.8	261
11/19/2025	9:45:00	7.3	1.101	3.5	806,484	11.8	261
11/19/2025	10:00:00	7.3	0.303	0.5	806,488	11.8	261
11/19/2025	10:15:00	7.2	3.164	0	806,532	11.7	264
11/19/2025	10:30:00	7.3	2.116	0	806,571	12	264
11/19/2025	10:45:00	7.3	3.066	0.7	806,615	11.8	263
11/19/2025	11:00:00	7.3	2.994	5.3	806,660	11.7	263
11/19/2025	11:15:00	7.3	3.039	3.9	806,688	11.7	264
11/19/2025	11:30:00	7.3	0.352	1.2	806,712	11.9	264
11/19/2025	11:45:00	7.3	2.456	0.7	806,746	11.8	264
11/19/2025	12:00:00	7.3	2.388	0	806,783	11.8	265
11/19/2025	12:15:00	7.3	3.388	0	806,822	11.9	264
11/19/2025	12:30:00	7.2	3.350	0.5	806,867	11.8	264
11/19/2025	13:00:00	7.2	3.312	0.5	806,944	11.9	264
11/19/2025	13:15:00	7.2	2.464	0	806,989	12.2	262
11/19/2025	13:30:00	7.2	0.269	1.8	807,031	12.4	264
11/19/2025	13:45:00	7.3	2.385	1.4	807,049	12.7	262
11/19/2025	14:00:00	7.3	3.342	0.4	807,094	12.5	261
11/19/2025	14:15:00	7.3	0.314	0	807,133	12.7	262
11/19/2025	14:30:00	7.3	2.509	0	807,163	12.6	262
11/19/2025	14:45:00	7.3	3.051	1.4	807,207	12.3	260
11/19/2025	15:00:00	7.3	3.104	2.8	807,253	12.1	259

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/19/2025	15:15:00	7.3	0.227	1.4	807,291	12.2	260
11/19/2025	15:30:00	7.3	3.039	5.1	807,321	12.1	260
11/19/2025	15:45:00	7.3	2.990	3.6	807,366	12	260
11/19/2025	16:15:00	7.3	3.176	2.4	807,409	12	261
11/19/2025	16:30:00	7.2	0.000	4.2	807,429	12.1	261
11/19/2025	16:45:00	7.2	3.168	3.8	807,450	11.9	263
11/19/2025	17:00:00	7.2	1.866	47.3	807,491	11.8	259
11/19/2025	17:15:00	7.1	3.179	0.9	807,528	11.7	260
11/19/2025	17:30:00	7.1	3.149	1.4	807,576	11.7	260
11/19/2025	17:45:00	7.1	3.115	1.7	807,623	11.8	260
11/19/2025	18:00:00	7.2	0.640	1.8	807,657	11.9	260
11/19/2025	18:15:00	7.2	2.812	2.2	807,678	11.8	262
11/19/2025	18:30:00	7.2	0.863	1.3	807,726	11.6	260
11/19/2025	18:45:00	7.2	3.475	10	807,777	11.6	260
11/19/2025	19:00:00	7.2	3.459	26.9	807,814	11.6	262
11/19/2025	19:15:00	7.2	3.422	13.8	807,865	11.5	262
11/19/2025	19:30:00	7.2	3.357	18.2	807,916	11.5	262
11/19/2025	20:00:00	7.2	3.032	44.6	807,920	11.8	262
11/19/2025	20:15:00	7.2	3.346	3.2	807,956	11.5	260
11/19/2025	20:30:00	7.2	0.439	5.5	808,002	11.5	260
11/19/2025	20:45:00	7.1	3.312	4.1	808,028	11.5	260
11/19/2025	21:00:00	7.1	0.174	7.3	808,069	11.6	260
11/19/2025	21:15:00	7.1	3.259	7.3	808,099	11.5	260
11/19/2025	21:30:00	7.1	0.231	9.4	808,119	11.8	258
11/19/2025	21:45:00	7.1	3.248	6	808,154	11.6	257

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/19/2025	22:00:00	7.1	0.182	8.3	808,193	11.7	257
11/19/2025	22:15:00	7.1	2.975	8.4	808,219	11.7	257
11/19/2025	22:30:00	7.1	1.896	11.9	808,258	11.4	107
11/19/2025	22:45:00	7.1	0.693	9.4	808,293	11.3	107
11/19/2025	23:00:00	7.1	3.346	12.2	808,322	11.2	107
11/19/2025	23:15:00	7.1	0.341	13.5	808,364	11.3	257
11/19/2025	23:30:00	7.2	3.346	4.1	808,395	11.3	107
11/19/2025	23:45:00	7.2	3.308	13.1	808,444	11.3	107
11/20/2025	0:00:00	7.2	0.500	3.3	808,466	11.6	258
11/20/2025	0:15:00	7.2	2.661	13.2	808,513	11.4	260
11/20/2025	0:30:00	7.2	0.484	5	808,539	11.7	262
11/20/2025	0:45:00	7.1	3.327	3.8	808,584	11.5	261
11/20/2025	1:00:00	7.1	0.291	6.1	808,620	11.7	262
11/20/2025	1:15:00	7.1	3.308	12.2	808,645	11.7	260
11/20/2025	1:30:00	7.1	3.354	16.2	808,665	12	260
11/20/2025	1:45:00	7.1	3.327	23.8	808,715	11.6	262
11/20/2025	2:00:00	7.1	0.443	19.9	808,743	11.7	262
11/20/2025	2:15:00	7.1	0.590	17.5	808,771	11.7	261
11/20/2025	2:30:00	7.1	3.270	22.5	808,819	11.6	262
11/20/2025	2:45:00	7.1	2.267	30.4	808,861	11.6	262
11/20/2025	3:00:00	7.1	0.689	66.6	808,908	11.6	262
11/20/2025	3:15:00	7.1	2.403	263.8	808,931	11.6	262
11/20/2025	3:30:00	7.1	3.319	9.1	808,979	11.5	260
11/20/2025	3:45:00	7.1	0.519	8	809,007	11.6	260
11/20/2025	4:00:00	7.1	3.198	8.3	809,046	11.7	260

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/20/2025	4:15:00	7.1	3.176	8.6	809,093	11.7	259
11/20/2025	4:30:00	7.1	2.676	13.6	809,139	11.7	258
11/20/2025	4:45:00	7.1	3.191	9	809,159	12.2	262
11/20/2025	5:00:00	7.1	3.164	4.9	809,202	11.9	261
11/20/2025	5:15:00	7.2	0.458	2.1	809,245	12	263
11/20/2025	5:30:00	7.2	3.066	5	809,272	12.2	263
11/20/2025	5:45:00	7.2	2.407	2.5	809,317	12.2	263
11/20/2025	6:00:00	7.2	3.149	3.7	809,362	12.2	263
11/20/2025	6:15:00	7.3	0.367	6.2	809,403	12.2	263
11/20/2025	6:30:00	7.2	3.145	8.3	809,434	12.2	263
11/20/2025	6:45:00	7.2	0.825	14.2	809,474	12.2	263
11/20/2025	7:00:00	7.2	3.138	2.8	809,515	12	263
11/20/2025	7:15:00	7.1	3.115	3.4	809,562	12	264
11/20/2025	7:30:00	7.1	3.100	9	809,608	11.9	264
11/20/2025	7:45:00	7.1	3.107	10.5	809,633	12.2	262
11/20/2025	8:00:00	7.1	3.085	4.5	809,679	11.9	262
11/20/2025	8:15:00	7.2	0.995	7.5	809,704	11.9	261
11/20/2025	8:30:00	7.2	2.263	87.2	809,739	11.6	262
11/20/2025	8:45:00	7.2	3.335	8.4	809,784	11.6	261
11/20/2025	9:00:00	7.3	0.420	0.5	809,824	11.8	260
11/20/2025	9:15:00	7.3	0.530	1.3	809,856	11.7	262
11/20/2025	9:30:00	7.1	2.631	0	809,880	12.1	263
11/20/2025	9:45:00	7	1.737	0	809,907	12.1	262
11/20/2025	10:00:00	7.1	2.930	0	809,946	11.8	262
11/20/2025	10:15:00	7.1	0.254	0	809,971	12	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	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/20/2025	10:30:00	7.2	3.422	4.4	809,997	11.6	262
11/20/2025	10:45:00	7.2	3.974	0.7	810,041	11.7	260
11/20/2025	11:00:00	7.1	3.388	0.4	810,086	11.6	262
11/20/2025	11:15:00	7.2	0.821	0.5	810,136	11.7	260
11/20/2025	11:45:00	7.2	3.539	0.3	810,176	11.9	262
11/20/2025	12:00:00	7.2	3.210	1.5	810,224	11.7	263
11/20/2025	12:15:00	7.2	3.191	2.1	810,245	12.3	265
11/20/2025	12:30:00	7.2	3.172	1.3	810,293	11.9	264
11/20/2025	12:45:00	7.2	2.502	0	810,329	11.8	265
11/20/2025	13:00:00	7.2	2.990	0.7	810,373	11.8	265
11/20/2025	13:15:00	7.2	3.293	0.8	810,416	11.8	267
11/20/2025	13:30:00	7.2	3.346	0.4	810,460	11.9	266
11/20/2025	13:45:00	7.2	3.350	1.1	810,489	11.9	267
11/20/2025	14:00:00	7.2	3.342	1.2	810,533	11.8	266
11/20/2025	14:15:00	7.2	3.289	1.9	810,582	11.8	263
11/20/2025	14:30:00	7.2	3.225	1.4	810,631	11.8	264
11/20/2025	14:45:00	7.2	1.472	4.1	810,668	11.8	265
11/20/2025	15:00:00	7.2	2.634	1.6	810,694	11.8	266
11/20/2025	15:15:00	7.1	4.485	3.4	810,735	12	263
11/20/2025	15:30:00	7.1	3.501	17.9	810,776	12.6	264
11/20/2025	15:45:00	7.1	1.540	1.4	810,806	11.8	262
11/20/2025	16:00:00	7.1	3.266	5.3	810,836	11.8	262
11/20/2025	16:15:00	7.1	3.232	6.6	810,885	11.8	262
11/20/2025	16:30:00	7.2	2.597	15.5	810,922	11.8	266
11/20/2025	16:45:00	7.2	3.361	14	810,943	12.3	266

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/20/2025	17:00:00	7.1	2.210	8.4	810,971	11.9	264
11/20/2025	17:15:00	7.1	3.811	0.6	811,018	11.9	265
11/20/2025	17:30:00	7.1	3.365	2.5	811,068	11.6	263
11/20/2025	17:45:00	7.1	3.251	2.3	811,094	11.6	265
11/20/2025	18:00:00	7.1	3.179	2.7	811,128	11.9	263
11/20/2025	18:15:00	7.1	3.240	7.6	811,177	11.8	261
11/20/2025	18:30:00	7.1	3.232	6	811,226	11.8	261
11/20/2025	18:45:00	7.1	3.217	7.7	811,274	11.9	262
11/20/2025	19:00:00	7.1	3.232	7.1	811,323	11.9	260
11/20/2025	19:15:00	7.1	3.229	8.5	811,371	11.8	261
11/20/2025	19:30:00	7.1	3.187	16.2	811,419	11.8	261
11/20/2025	19:45:00	7.1	0.549	11.8	811,464	11.8	260
11/20/2025	20:00:00	7.1	2.468	8.8	811,488	11.7	259
11/20/2025	20:15:00	7.1	3.176	13.2	811,527	11.7	259
11/20/2025	20:30:00	7.1	0.299	18.2	811,558	11.9	259
11/20/2025	20:45:00	7.1	3.240	18.5	811,590	11.7	259
11/20/2025	21:00:00	7.1	2.275	22.1	811,633	11.8	259
11/20/2025	21:15:00	7.1	0.405	22.9	811,675	11.7	258
11/20/2025	21:30:00	7.1	3.232	27.7	811,691	11.7	259
11/20/2025	21:45:00	7.1	0.647	33.3	811,738	11.7	259
11/20/2025	22:00:00	7.2	3.229	0.1	811,758	12	109
11/20/2025	22:15:00	7.1	1.745	1.4	811,800	11.7	259
11/20/2025	22:30:00	7.1	3.198	1.7	811,844	11.4	260
11/20/2025	22:45:00	7.1	2.373	12.2	811,865	11.6	259
11/20/2025	23:00:00	7.1	3.248	2.8	811,907	11.4	259

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/20/2025	23:15:00	7.1	3.221	5.7	811,948	11.5	258
11/20/2025	23:30:00	7.1	0.420	0.6	811,982	11.8	260
11/20/2025	23:45:00	7.1	2.445	0.3	812,017	12.1	259
11/21/2025	0:00:00	7.1	3.232	2.9	812,064	12.2	257
11/21/2025	0:15:00	7.1	3.263	2.3	812,085	13.5	260
11/21/2025	0:30:00	7.1	3.236	0.8	812,134	12.8	257
11/21/2025	0:45:00	7.1	3.232	1.7	812,175	12.9	259
11/21/2025	1:00:00	7.1	2.271	4.6	812,199	13.8	259
11/21/2025	1:15:00	7.1	3.255	1.3	812,245	12.9	256
11/21/2025	1:30:00	7.1	2.237	1.6	812,293	12.9	257
11/21/2025	1:45:00	7.1	3.251	3.1	812,315	13.1	256
11/21/2025	2:00:00	7.1	3.244	4.2	812,357	13.2	257
11/21/2025	2:15:00	7.1	3.206	6.5	812,405	13.1	257
11/21/2025	2:30:00	7.1	2.313	4.7	812,424	13.4	257
11/21/2025	2:45:00	7.1	0.363	10.8	812,459	13.5	259
11/21/2025	3:00:00	7.1	3.248	2.7	812,487	13.3	256
11/21/2025	3:15:00	7.1	3.217	7.6	812,536	13.2	257
11/21/2025	3:30:00	7.1	3.244	10	812,560	14	257
11/21/2025	3:45:00	7.1	2.218	10.1	812,604	13.5	256
11/21/2025	4:00:00	7.1	3.202	4.1	812,650	13.3	257
11/21/2025	4:15:00	7.1	2.313	6	812,664	14.7	262
11/21/2025	4:30:00	7.1	3.255	1.6	812,706	13.3	254
11/21/2025	4:45:00	7.1	3.221	2.5	812,753	13.3	258
11/21/2025	5:00:00	7.1	0.360	2	812,789	13.6	257
11/21/2025	5:15:00	7.1	3.213	0.4	812,834	13.1	257

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/21/2025	5:30:00	7.1	3.157	4.2	812,882	13	257
11/21/2025	5:45:00	7.1	0.276	4.4	812,911	13.7	261
11/21/2025	6:00:00	7.1	3.240	0.7	812,933	13.2	257
11/21/2025	6:15:00	7.1	3.198	0.8	812,981	13	257
11/21/2025	6:30:00	7.1	3.164	2.3	813,029	13	261
11/21/2025	6:45:00	7.1	3.191	7.4	813,071	13.2	257
11/21/2025	7:00:00	7.1	3.157	6.6	813,118	12.9	255
11/21/2025	7:15:00	7.1	3.126	4.9	813,165	12.7	257
11/21/2025	7:30:00	7.1	0.409	5.4	813,193	13.1	259
11/21/2025	7:45:00	7.1	2.263	6.6	813,227	12.8	255
11/21/2025	8:00:00	7.1	2.665	5.8	813,260	12.5	257
11/21/2025	8:15:00	7.1	3.482	4.5	813,298	12.3	254
11/21/2025	8:30:00	7.1	3.054	9.6	813,336	12.1	255
11/21/2025	8:45:00	7.1	3.089	4.4	813,382	12.1	255
11/21/2025	9:00:00	7.2	3.130	2	813,411	12.1	258
11/21/2025	9:15:00	7.2	3.073	0.5	813,457	12	258
11/21/2025	9:45:00	7.2	3.073	0.7	813,517	12.9	109
11/21/2025	10:00:00	7.2	2.820	0.1	813,555	14.7	257
11/21/2025	10:15:00	7.2	2.808	0	813,597	15.5	261
11/21/2025	10:30:00	7.2	2.653	0	813,603	16.2	259
11/21/2025	10:45:00	7.2	2.831	0	813,644	16.9	261
11/21/2025	11:00:00	7.2	2.820	0.3	813,687	17.5	261
11/21/2025	11:15:00	7.2	2.967	5.9	813,716	12.6	257
11/21/2025	11:30:00	7.2	3.081	3.8	813,751	12.3	257
11/21/2025	12:15:00	7.2	2.975	2.7	813,837	12	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	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/21/2025	12:45:00	7.3	3.107	8.3	813,890	11.9	261
11/21/2025	13:15:00	7.2	3.301	8.4	813,975	12.2	259
11/21/2025	13:30:00	7.2	3.229	5.7	814,024	12.2	259
11/21/2025	14:00:00	7.1	2.964	0.5	814,082	12.3	259
11/21/2025	14:15:00	7.2	3.077	16.5	814,122	12.6	257
11/21/2025	14:30:00	7.1	3.153	2.7	814,152	12.5	259
11/21/2025	14:45:00	7.2	2.941	3.7	814,197	12.5	261
11/21/2025	15:15:00	7.2	2.801	1.7	814,265	12.5	261
11/21/2025	15:45:00	7.2	0.609	17	814,316	12.7	113
11/21/2025	16:00:00	7.2	3.255	4.3	814,345	12.4	259
11/21/2025	16:15:00	7.2	1.980	40.7	814,363	12.4	259
11/21/2025	16:30:00	7.2	2.335	1.9	814,395	12	259
11/21/2025	16:45:00	7.2	3.251	2.3	814,439	12	259
11/21/2025	17:00:00	7.2	2.142	3.1	814,466	12.3	259
11/21/2025	17:15:00	7.2	3.164	0	814,505	12.1	259
11/21/2025	17:30:00	7.2	3.036	0	814,551	12.2	259
11/21/2025	17:45:00	7.3	0.409	0	814,577	12.8	112
11/21/2025	18:00:00	7.2	3.596	4.8	814,615	12.2	259
11/21/2025	18:15:00	7.2	0.337	2.4	814,632	12	261
11/21/2025	18:30:00	7.1	3.505	3.2	814,677	11.9	261
11/21/2025	18:45:00	7.1	3.422	6	814,729	12	261
11/21/2025	19:15:00	7.2	3.441	2	814,784	12.2	256
11/21/2025	19:45:00	7.3	3.653	23.2	814,850	12.3	260
11/21/2025	20:00:00	7.2	3.354	3.5	814,892	12.1	257
11/21/2025	20:15:00	7.1	2.464	3.2	814,937	12.1	258

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/21/2025	20:30:00	7.2	3.512	10.1	814,987	12	258
11/21/2025	20:45:00	7.2	0.583	7.4	815,036	12	109
11/21/2025	21:00:00	7.3	3.263	8.6	815,050	12	108
11/21/2025	21:15:00	7.2	0.371	0.4	815,093	11.9	109
11/21/2025	21:30:00	7.4	3.248	50	815,100	13.7	109
11/21/2025	21:45:00	7.4	0.000	9.2	815,138	12.2	109
11/21/2025	22:00:00	7.4	3.240	20.5	815,154	12.6	255
11/21/2025	22:15:00	7.2	3.350	4.3	815,198	11.7	259
11/21/2025	22:30:00	7.2	0.587	3.9	815,246	11.7	109
11/21/2025	22:45:00	7.3	2.737	10	815,259	12.1	256
11/21/2025	23:00:00	7.3	3.577	8.5	815,309	11.9	261
11/21/2025	23:15:00	7.2	3.361	3.3	815,360	12	261
11/21/2025	23:30:00	7.2	3.278	10.3	815,410	12.1	259
11/21/2025	23:45:00	7.4	0.303	11	815,442	13.4	112
11/22/2025	0:00:00	7.2	3.251	5.8	815,469	12.4	256
11/22/2025	0:15:00	7.2	3.535	6.5	815,515	12.2	259
11/22/2025	0:30:00	7.2	3.316	7.3	815,567	12.2	259
11/22/2025	0:45:00	7.4	0.344	12.8	815,597	13.6	112
11/22/2025	1:00:00	7.2	2.850	9.3	815,627	12.3	255
11/22/2025	1:15:00	7.4	0.197	13.3	815,657	13.1	110
11/22/2025	1:30:00	7.2	3.202	8.6	815,694	12	259
11/22/2025	1:45:00	7.2	2.396	11	815,741	11.9	257
11/22/2025	2:00:00	7.2	0.439	10.6	815,758	13.3	110
11/22/2025	2:15:00	7.2	3.490	19.4	815,803	12	261
11/22/2025	2:30:00	7.2	3.255	21.5	815,850	12.1	261

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/22/2025	2:45:00	7.2	0.129	14	815,890	12.6	110
11/22/2025	3:00:00	7.2	3.240	13.3	815,910	12.4	255
11/22/2025	3:15:00	7.2	3.187	12.7	815,958	12.3	256
11/22/2025	3:30:00	7.3	3.217	11.2	815,976	12.6	112
11/22/2025	3:45:00	7.2	3.168	12.5	816,024	12.4	113
11/22/2025	4:00:00	7.3	3.357	38.3	816,043	13.9	250
11/22/2025	4:15:00	7.2	3.331	14.9	816,093	12.4	257
11/22/2025	4:30:00	7.2	3.323	14	816,134	12.4	257
11/22/2025	4:45:00	7.2	3.236	15.1	816,183	12.4	257
11/22/2025	5:00:00	7.3	3.255	17.1	816,201	13.4	112
11/22/2025	5:15:00	7.2	3.304	27.3	816,242	12.4	113
11/22/2025	5:30:00	7.3	3.365	24.3	816,260	14.3	114
11/22/2025	5:45:00	7.2	2.040	15	816,304	12.4	258
11/22/2025	6:00:00	7.2	3.335	11.4	816,348	12.4	257
11/22/2025	6:15:00	7.2	2.494	18.3	816,393	12.4	259
11/22/2025	6:30:00	7.2	3.509	7	816,433	12.3	258
11/22/2025	6:45:00	7.2	3.425	6.3	816,485	12.3	260
11/22/2025	7:00:00	7.2	3.225	3.3	816,534	12.2	257
11/22/2025	7:15:00	7.4	0.348	113.3	816,571	13	111
11/22/2025	7:30:00	7.3	3.149	10.8	816,604	12.4	258
11/22/2025	7:45:00	7.2	2.180	3.1	816,629	12.4	258
11/22/2025	8:00:00	7.2	3.217	3.8	816,672	12.9	257
11/22/2025	8:15:00	7.2	3.255	5.7	816,719	13.5	259
11/22/2025	8:45:00	7.2	3.081	0.1	816,801	15.1	259
11/22/2025	9:00:00	7.2	2.930	8.5	816,847	12.6	256

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/22/2025	9:15:00	7.3	2.048	7.1	816,875	13.1	256
11/22/2025	9:30:00	7.3	2.971	10.2	816,906	12.4	256
11/22/2025	9:45:00	7.3	0.000	15	816,946	12.5	256
11/22/2025	10:00:00	7.2	3.073	8.5	816,980	12.2	258
11/22/2025	10:30:00	7.2	3.278	9.4	817,056	12.2	258
11/22/2025	11:15:00	7.3	3.270	183.2	817,129	12.6	258
11/22/2025	11:30:00	7.2	3.047	10.2	817,174	12.4	258
11/22/2025	11:45:00	7.2	2.986	6.7	817,203	12.4	260
11/22/2025	12:00:00	7.2	3.123	10.2	817,250	12.6	258
11/22/2025	12:15:00	7.2	3.066	17.7	817,297	12.6	259
11/22/2025	12:30:00	7.2	2.173	23.2	817,315	12.7	259
11/22/2025	12:45:00	7.2	2.472	37.5	817,352	12.5	256
11/22/2025	13:00:00	7.2	2.998	6	817,396	12.7	259
11/22/2025	13:15:00	7.2	3.149	11	817,442	12.7	256
11/22/2025	13:45:00	7.2	3.335	8	817,512	13.5	256
11/22/2025	14:00:00	7.2	3.028	6.2	817,559	13	256
11/22/2025	14:15:00	7.3	2.843	18.6	817,606	12.9	254
11/22/2025	14:30:00	7.3	2.816	9.3	817,642	14.2	259
11/22/2025	15:00:00	7.2	3.043	8.4	817,705	12.9	257
11/22/2025	15:15:00	7.3	3.017	0	817,732	12.8	256
11/22/2025	15:45:00	7.2	3.282	12.6	817,802	13	257
11/22/2025	16:00:00	7.2	3.232	14.2	817,850	13.2	257
11/22/2025	16:15:00	7.2	3.183	11.5	817,898	13.3	257
11/22/2025	16:30:00	7.2	3.153	23	817,946	13.7	257
11/22/2025	16:45:00	7.3	3.077	0	817,976	13.3	255

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/22/2025	17:00:00	7.2	1.257	30.8	817,985	13.8	256
11/22/2025	17:15:00	7.2	3.051	0.5	818,007	13.3	252
11/22/2025	17:30:00	7.4	3.202	6.4	818,045	13.8	256
11/22/2025	17:45:00	7.4	3.248	5.7	818,093	14.5	259
11/22/2025	18:00:00	7.5	2.536	5.2	818,112	15.2	257
11/22/2025	18:15:00	7.3	3.013	21.1	818,138	13.9	251
11/22/2025	18:30:00	7.3	3.482	85	818,174	12.7	110
11/22/2025	18:45:00	7.5	3.407	4.7	818,224	13.1	253
11/22/2025	19:00:00	7.4	3.085	4.6	818,266	13.9	254
11/22/2025	19:15:00	7.4	3.301	4.7	818,316	15	253
11/22/2025	19:30:00	7.4	3.225	4.4	818,365	15.9	253
11/22/2025	19:45:00	7.3	3.172	4.5	818,413	16.6	255
11/22/2025	20:00:00	7.3	3.357	3.8	818,434	17.6	254
11/22/2025	20:15:00	7.3	3.183	4.4	818,484	18.6	254
11/22/2025	20:30:00	7.2	3.145	3.8	818,531	19.9	254
11/22/2025	20:45:00	7.2	3.142	3.7	818,579	21.3	254
11/22/2025	21:00:00	7.2	3.111	3.3	818,627	22.9	256
11/22/2025	21:15:00	7.2	1.628	3	818,670	24.4	254
11/22/2025	21:30:00	7.4	3.255	3.5	818,710	15.9	252
11/22/2025	21:45:00	7.3	3.335	3.3	818,760	17.3	256
11/22/2025	22:00:00	7.2	3.229	3	818,809	19.2	257
11/22/2025	22:15:00	7.2	3.191	2.9	818,857	21.1	256
11/22/2025	22:30:00	7.2	2.040	3.7	818,882	21.9	255
11/22/2025	22:45:00	7.2	1.874	3.9	818,922	22.2	257
11/22/2025	23:00:00	7.1	3.425	3.2	818,974	23	259

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/22/2025	23:15:00	7.1	1.207	3.2	819,020	24.3	259
11/22/2025	23:30:00	7.3	2.619	3	819,053	17.4	249
11/22/2025	23:45:00	7.3	0.344	3.3	819,066	16.4	257
11/23/2025	0:00:00	7.2	3.119	2.9	819,110	18.3	257
11/23/2025	0:15:00	7.2	2.854	3	819,154	20.1	257
11/23/2025	0:30:00	7.3	3.236	5.3	819,197	15.5	249
11/23/2025	0:45:00	7.3	0.341	5.7	819,233	13.9	254
11/23/2025	1:00:00	7.2	3.179	5.7	819,261	13.5	256
11/23/2025	1:15:00	7.2	3.119	9.4	819,308	13.6	256
11/23/2025	1:45:00	7.2	3.293	10.3	819,346	13.1	253
11/23/2025	2:00:00	7.2	0.341	12.2	819,388	12.9	253
11/23/2025	2:15:00	7.2	3.221	5.1	819,412	12.7	254
11/23/2025	2:30:00	7.2	3.142	6.4	819,460	12.8	255
11/23/2025	2:45:00	7.2	3.388	7	819,503	12.9	256
11/23/2025	3:00:00	7.2	3.327	17.2	819,525	13.1	256
11/23/2025	3:15:00	7.2	2.407	77.3	819,570	13.2	256
11/23/2025	3:30:00	7.1	3.217	3.4	819,616	13.2	256
11/23/2025	3:45:00	7.2	0.307	12.6	819,632	14.5	257
11/23/2025	4:00:00	7.2	3.126	6	819,672	13.8	252
11/23/2025	4:15:00	7.2	3.248	7.2	819,720	13.7	254
11/23/2025	4:30:00	7.2	2.888	5	819,763	13.7	254
11/23/2025	4:45:00	7.2	0.140	7.3	819,795	13.7	254
11/23/2025	5:00:00	7.2	3.020	6.5	819,821	13.4	254
11/23/2025	5:15:00	7.2	3.361	9.9	819,865	13.5	254
11/23/2025	5:30:00	7.2	3.172	4.5	819,915	13.7	252

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/23/2025	5:45:00	7.1	3.134	5.8	819,962	13.4	252
11/23/2025	6:00:00	7.2	0.602	8.1	819,999	13.3	254
11/23/2025	6:15:00	7.2	3.316	6.4	820,022	13.3	254
11/23/2025	6:30:00	7.2	3.475	6.3	820,052	13.2	253
11/23/2025	6:45:00	7.2	3.456	2.8	820,090	12.8	257
11/23/2025	7:00:00	7.2	3.251	1.4	820,139	12.8	257
11/23/2025	7:15:00	7.2	3.172	6.2	820,187	12.7	257
11/23/2025	7:30:00	7.2	0.363	7.8	820,220	13	257
11/23/2025	7:45:00	7.2	3.142	11.1	820,255	12.6	256
11/23/2025	8:00:00	7.2	3.202	7	820,302	12.6	256
11/23/2025	8:15:00	7.2	3.187	32.1	820,350	12.5	257
11/23/2025	8:30:00	7.2	0.598	9.9	820,394	12.5	254
11/23/2025	8:45:00	7.2	1.321	88.6	820,416	12.9	254
11/23/2025	9:00:00	7.2	3.395	12.3	820,435	12.7	254
11/23/2025	9:15:00	7.2	3.195	6	820,484	12.5	254
11/23/2025	9:30:00	7.2	3.301	8	820,533	12.4	258
11/23/2025	9:45:00	7.2	2.445	11.2	820,570	13.3	257
11/23/2025	10:00:00	7.2	3.289	8	820,612	13.5	258
11/23/2025	10:15:00	7.3	2.434	9.9	820,656	14.1	259
11/23/2025	10:45:00	7.3	2.354	13	820,738	13.7	257
11/23/2025	11:00:00	7.3	3.187	11.9	820,780	14.6	261
11/23/2025	11:30:00	7.3	3.089	9.9	820,837	14.9	259
11/23/2025	11:45:00	7.4	2.036	8.7	820,881	12.9	259
11/23/2025	12:15:00	7.4	3.145	11	820,932	13.2	261
11/23/2025	12:30:00	7.4	3.111	7.2	820,979	13.4	261

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/23/2025	13:15:00	7.3	3.134	7.8	821,071	13.8	257
11/23/2025	13:30:00	7.3	3.160	23.4	821,118	14	257
11/23/2025	13:45:00	7.3	0.360	9.5	821,138	15	259
11/23/2025	14:00:00	7.4	2.547	37.1	821,178	14.5	261
11/23/2025	14:30:00	7.3	2.926	8.3	821,249	14.5	258
11/23/2025	14:45:00	7.3	2.896	6.4	821,292	15.3	257
11/23/2025	15:00:00	7.3	2.343	14.4	821,330	14.4	257
11/23/2025	15:15:00	7.3	2.956	14.4	821,369	14.8	261
11/23/2025	15:30:00	7.3	3.134	8.6	821,416	15.3	262
11/23/2025	15:45:00	7.3	3.168	23.7	821,463	14.2	259
11/23/2025	16:00:00	7.3	1.957	28.9	821,488	16	262
11/23/2025	16:15:00	7.3	3.039	10.4	821,517	13.2	261
11/23/2025	17:00:00	7.2	2.108	10.1	821,594	12.9	261
11/23/2025	17:15:00	7.3	3.013	18.2	821,621	12.7	259
11/23/2025	17:30:00	7.2	3.066	6.5	821,650	12.5	258
11/23/2025	17:45:00	7.2	2.422	17.4	821,689	12.7	259
11/23/2025	18:30:00	7.3	2.994	12	821,758	12.5	259
11/23/2025	18:45:00	7.3	2.790	30.5	821,788	13.6	261
11/23/2025	19:00:00	7.3	3.236	9.5	821,815	13	262
11/23/2025	19:15:00	7.2	3.115	4.4	821,857	12.8	261
11/23/2025	19:30:00	7.2	3.036	7	821,903	12.5	259
11/23/2025	19:45:00	7.2	3.266	3.6	821,948	12.5	259
11/23/2025	20:00:00	7.2	3.206	7.3	821,996	12.7	262
11/23/2025	20:15:00	7.2	3.153	4.9	822,037	13.2	261
11/23/2025	20:30:00	7.2	3.081	4.3	822,084	13	257

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/23/2025	20:45:00	7.2	3.013	6.8	822,129	13.1	257
11/23/2025	21:15:00	7.2	2.256	2	822,182	13.5	257
11/23/2025	21:30:00	7.2	3.100	1.8	822,228	12.9	259
11/23/2025	21:45:00	7.2	3.176	4	822,275	12.6	257
11/23/2025	22:00:00	7.3	2.786	2.9	822,322	12.6	261
11/23/2025	22:15:00	7.2	2.252	2.5	822,361	13	261
11/23/2025	22:30:00	7.2	3.073	2	822,404	13	261
11/23/2025	23:00:00	7.2	3.100	3.7	822,419	13.1	261
11/23/2025	23:15:00	7.2	2.271	14.5	822,461	13.4	259
11/23/2025	23:30:00	7.2	3.058	1.3	822,500	13.3	258
11/23/2025	23:45:00	7.2	0.310	2.5	822,530	13.7	258

Table 3. In-Situ Parameters

Date	Temperature °C	DO mg/L	Conductivity SPC-uS/cm	SAL-ppt	pH	ORP (mV)	NTU
11/17/2025	11.7	10.38	166.8	0.08	7.62	188.8	2.69
11/18/2025	12.3	10.53	177.2	0.08	7.88	178.9	2.71
11/19/2025	12.9	10.48	175.1	0.08	7.82	182.7	3.58
11/20/2025	11.7	10.16	177.8	0.08	7.83	196.8	3.85
11/21/2025	11.8	10.64	177.0	0.08	7.66	206.7	3.77
11/22/2025	11.3	10.68	170.2	0.08	7.56	197.0	5.27
11/23/2025	11.5	10.63	179.2	0.08	7.68	187.0	7.37

3. Calibration Log:

Table 4. Calibration Log

Date	Unit	pH	Conductivity/Temp.	Salinity	NTU
11/18/2025	YSI	✓	✓	✓	✓
11/18/2025	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)
11/17/2025	0:00:00	7.4	1.597	1.7	797,798	Open	13	255
11/17/2025	0:15:00	7.4	2.237	0.3	797,814	Open	13.2	251
11/17/2025	0:30:00	7.4	3.297	0	797,857	Open	12.8	254
11/17/2025	0:45:00	7.5	2.313	0.3	797,896	Closed	12.9	255
11/17/2025	1:00:00	7.4	0.000	0.2	797,896	Open	13.1	255
11/17/2025	1:15:00	7.4	3.157	0	797,926	Open	13	251
11/17/2025	1:30:00	7.5	2.880	0	797,976	Open	13	253
11/17/2025	1:45:00	7.5	3.327	0	798,019	Open	13	255
11/17/2025	2:00:00	7.5	2.241	0	798,060	Open	13.3	256
11/17/2025	2:15:00	7.4	3.130	0.5	798,103	Open	13	255
11/17/2025	2:30:00	7.4	2.774	1.7	798,136	Open	13.4	255
11/17/2025	2:45:00	7.5	2.403	4.4	798,182	Open	13	255
11/17/2025	3:00:00	7.5	3.240	2	798,227	Open	12.9	255
11/17/2025	3:15:00	7.5	2.706	1.6	798,273	Open	13	255
11/17/2025	3:30:00	7.5	0.674	2.1	798,316	Open	13	255
11/17/2025	3:45:00	7.5	3.176	0.7	798,342	Open	13.1	256
11/17/2025	4:00:00	7.5	2.748	2.8	798,389	Open	13	256
11/17/2025	4:15:00	7.5	2.377	2.9	798,427	Open	12.9	256
11/17/2025	4:30:00	7.5	3.456	5.2	798,469	Open	13.1	256
11/17/2025	4:45:00	7.5	3.478	6.9	798,521	Open	13	257
11/17/2025	5:00:00	7.5	0.341	5.1	798,557	Open	13.4	255
11/17/2025	5:15:00	7.5	2.385	8.1	798,577	Open	13.4	256
11/17/2025	5:30:00	7.5	3.497	6.2	798,623	Open	13.1	255
11/17/2025	5:45:00	7.5	2.082	3.2	798,632	Closed	12.9	255

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/17/2025	6:00:00	7.5	3.429	1.2	798,671	Open	12.8	254
11/17/2025	6:15:00	7.5	3.410	0.7	798,714	Open	12.7	254
11/17/2025	6:30:00	7.5	2.657	0.2	798,763	Open	12.8	255
11/17/2025	6:45:00	7.5	0.787	2.5	798,781	Closed	13.7	112
11/17/2025	7:00:00	7.5	3.388	0	798,810	Open	12.9	255
11/17/2025	7:15:00	7.5	3.346	0	798,859	Open	12.8	256
11/17/2025	7:30:00	7.5	2.986	1.5	798,902	Open	12.8	256
11/17/2025	7:45:00	7.5	2.668	0	798,918	Open	13.9	255
11/17/2025	8:00:00	7.5	1.060	0	798,955	Open	12.8	255
11/17/2025	8:15:00	7.5	2.820	0	798,987	Open	12.8	256
11/17/2025	8:30:00	7.5	3.259	0	799,035	Open	12.6	256
11/17/2025	8:45:00	7.5	3.327	0	799,078	Open	12.5	255
11/17/2025	9:00:00	7.5	0.484	0.7	799,123	Open	12.6	255
11/17/2025	9:15:00	7.5	3.338	0	799,141	Open	12.7	255
11/17/2025	9:30:00	7.5	3.323	0.2	799,185	Open	12.7	256
11/17/2025	9:45:00	7.5	3.289	0.2	799,235	Open	12.6	113
11/17/2025	10:00:00	7.5	2.059	0	799,265	Open	13	256
11/17/2025	10:15:00	7.5	0.731	0.6	799,305	Open	12.4	253
11/17/2025	10:30:00	7.5	3.036	0	799,345	Open	12.3	254
11/17/2025	10:45:00	7.5	2.634	1.6	799,390	Open	12.5	256
11/17/2025	11:00:00	7.5	3.092	0	799,421	Open	12.5	253
11/17/2025	11:15:00	7.5	0.795	1.5	799,458	Open	12.4	256
11/17/2025	11:30:00	7.5	2.419	0	799,497	Open	12.3	258
11/17/2025	11:45:00	7.5	2.907	0	799,528	Open	12.3	256
11/17/2025	12:00:00	7.5	2.294	0	799,570	Open	12.3	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	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/17/2025	12:15:00	7.5	1.752	1.6	799,608	Open	12.3	255
11/17/2025	12:30:00	7.4	3.437	0	799,651	Open	12.2	256
11/17/2025	12:45:00	7.4	3.418	0	799,701	Open	12.2	255
11/17/2025	13:00:00	7.4	3.539	0	799,752	Open	12.4	254
11/17/2025	13:15:00	7.4	3.282	0.7	799,803	Open	12.4	254
11/17/2025	13:30:00	7.4	1.635	0	799,842	Open	12.4	112
11/17/2025	13:45:00	7.5	3.172	0	799,878	Open	12.4	112
11/17/2025	14:00:00	7.4	0.625	0	799,923	Open	12.5	255
11/17/2025	14:15:00	7.4	3.225	0.1	799,945	Open	12.6	253
11/17/2025	14:30:00	7.4	3.210	0.8	799,993	Open	12.5	255
11/17/2025	14:45:00	7.4	3.043	0.3	800,039	Open	12.5	255
11/17/2025	15:00:00	7.4	1.480	0	800,063	Open	12.4	254
11/17/2025	15:15:00	7.4	3.372	0.7	800,107	Open	12.3	255
11/17/2025	15:30:00	7.4	3.266	0	800,158	Open	12.3	256
11/17/2025	15:45:00	7.4	2.650	4.6	800,204	Open	12.5	255
11/17/2025	16:00:00	7.4	3.437	1.9	800,222	Open	12.9	253
11/17/2025	16:15:00	7.4	3.486	0.6	800,267	Open	12.3	110
11/17/2025	16:30:00	7.4	3.456	0	800,310	Open	12.4	255
11/17/2025	16:45:00	7.4	2.328	0.2	800,342	Open	12.3	255
11/17/2025	17:00:00	7.4	3.263	2.9	800,383	Open	12.1	253
11/17/2025	17:15:00	7.4	1.544	0.3	800,420	Open	12.1	252
11/17/2025	17:30:00	7.4	2.456	0	800,461	Open	12.1	256
11/17/2025	17:45:00	7.4	3.297	0	800,491	Open	12.2	254
11/17/2025	18:00:00	7.4	2.366	0.1	800,539	Open	11.9	256
11/17/2025	18:15:00	7.4	2.865	3.3	800,584	Open	11.9	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	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/17/2025	18:30:00	7.4	0.439	0	800,623	Open	11.9	255
11/17/2025	18:45:00	7.4	3.134	0	800,667	Open	11.8	110
11/17/2025	19:00:00	7.4	2.120	0	800,694	Open	11.8	109
11/17/2025	19:15:00	7.4	2.914	0	800,730	Open	11.7	109
11/17/2025	19:30:00	7.4	3.002	0	800,775	Open	11.7	109
11/17/2025	19:45:00	7.4	1.472	5.1	800,818	Open	11.6	107
11/17/2025	20:00:00	7.4	2.320	0.5	800,842	Open	11.5	107
11/17/2025	20:15:00	7.4	2.309	3.3	800,877	Open	11.5	108
11/17/2025	20:30:00	7.4	0.405	0	800,896	Open	11.8	108
11/17/2025	20:45:00	7.4	3.039	0	800,932	Open	11.5	109
11/17/2025	21:00:00	7.4	3.414	1	800,979	Open	11.5	109
11/17/2025	21:15:00	7.4	3.403	1.8	801,030	Open	11.5	109
11/17/2025	21:30:00	7.4	2.385	2.2	801,076	Open	11.5	108
11/17/2025	21:45:00	7.4	3.111	0	801,113	Open	11.5	108
11/17/2025	22:00:00	7.4	3.130	0.8	801,134	Open	11.8	108
11/17/2025	22:15:00	7.4	1.817	0.8	801,175	Open	11.5	107
11/17/2025	22:30:00	7.4	2.691	0.3	801,221	Open	11.4	107
11/17/2025	22:45:00	7.4	0.746	0	801,236	Open	11.6	107
11/17/2025	23:00:00	7.4	2.767	1.4	801,285	Open	11.3	107
11/17/2025	23:15:00	7.4	3.418	0.7	801,333	Open	11.3	107
11/17/2025	23:30:00	7.4	2.680	0	801,378	Open	11.4	108
11/17/2025	23:45:00	7.3	3.285	0	801,398	Open	11.6	107
11/18/2025	0:00:00	7.3	0.394	0	801,427	Open	11.6	257
11/18/2025	0:15:00	7.4	2.884	0.4	801,457	Open	11.6	257
11/18/2025	0:30:00	7.4	3.437	0	801,502	Open	11.6	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	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/18/2025	0:45:00	7.4	2.737	0.5	801,548	Open	11.7	258
11/18/2025	1:00:00	7.4	0.318	0	801,586	Open	11.9	258
11/18/2025	1:15:00	7.4	2.207	0.2	801,612	Open	11.8	258
11/18/2025	1:30:00	7.4	0.371	0	801,635	Open	12.1	257
11/18/2025	1:45:00	7.4	3.369	0	801,673	Open	11.8	257
11/18/2025	2:00:00	7.4	3.327	0	801,723	Open	11.8	257
11/18/2025	2:15:00	7.3	2.793	0	801,767	Open	11.8	258
11/18/2025	2:30:00	7.3	3.213	0	801,810	Open	11.8	258
11/18/2025	2:45:00	7.3	0.261	1.6	801,851	Open	11.9	258
11/18/2025	3:00:00	7.3	2.725	1.2	801,866	Open	12.1	257
11/18/2025	3:15:00	7.2	0.447	2.2	801,886	Open	12.4	260
11/18/2025	3:30:00	7.2	3.206	3	801,886	Closed	11.9	262
11/18/2025	3:45:00	7.2	3.195	3.6	801,928	Open	12	263
11/18/2025	4:00:00	7.3	2.358	10.7	801,973	Open	12.1	264
11/18/2025	4:15:00	7.3	3.248	1.6	802,016	Open	12	261
11/18/2025	4:30:00	7.3	3.266	2.5	802,038	Open	12.4	265
11/18/2025	5:00:00	7.4	2.839	2.2	802,124	Open	12.1	263
11/18/2025	5:15:00	7.4	2.933	0.3	802,169	Open	12.2	263
11/18/2025	5:30:00	7.4	0.163	0	802,203	Open	12.3	262
11/18/2025	5:45:00	7.4	2.612	2.4	802,224	Open	12.1	262
11/18/2025	6:00:00	7.4	0.462	0.5	802,246	Open	12.3	259
11/18/2025	6:15:00	7.4	3.372	0.1	802,293	Open	11.8	259
11/18/2025	6:30:00	7.4	1.616	2.7	802,337	Open	11.7	259
11/18/2025	6:45:00	7.5	2.755	2.8	802,375	Open	11.6	260
11/18/2025	7:00:00	7.6	0.280	4.7	802,409	Open	11.7	258

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/18/2025	7:15:00	7.6	3.285	0.8	802,439	Open	11.6	258
11/18/2025	7:30:00	7.6	3.251	0.2	802,483	Open	11.6	262
11/18/2025	7:45:00	7.6	1.734	0	802,520	Open	11.7	262
11/18/2025	8:00:00	7.5	1.007	0	802,556	Open	11.7	262
11/18/2025	8:15:00	7.5	3.456	0	802,591	Open	11.6	262
11/18/2025	8:30:00	7.5	3.376	0.3	802,614	Open	11.6	260
11/18/2025	8:45:00	7.5	2.544	0	802,659	Open	11.5	262
11/18/2025	9:00:00	7.4	3.528	0	802,710	Open	11.5	262
11/18/2025	9:15:00	7.4	3.410	0.6	802,762	Open	11.4	262
11/18/2025	9:30:00	5.2	3.346	0.4	802,813	Open	12.5	107
11/18/2025	9:45:00	7	1.329	0.2	802,859	Open	12.2	257
11/18/2025	10:00:00	7.3	2.335	0.2	802,887	Open	11.5	258
11/18/2025	10:15:00	7.3	3.319	2.6	802,934	Open	11.4	260
11/18/2025	10:30:00	7.4	0.458	4.6	802,973	Open	11.4	260
11/18/2025	10:45:00	7.3	3.342	4.3	803,018	Open	11.3	260
11/18/2025	11:00:00	7.3	3.301	2.9	803,067	Open	11.4	260
11/18/2025	11:15:00	7.4	1.919	1.1	803,100	Open	11.4	260
11/18/2025	11:30:00	7.4	2.994	3.9	803,129	Open	11.4	260
11/18/2025	11:45:00	7.4	2.956	2.5	803,173	Open	11.4	258
11/18/2025	12:00:00	7.5	2.937	3.8	803,218	Open	11.5	258
11/18/2025	12:15:00	7.6	0.428	2.8	803,235	Open	11.6	258
11/18/2025	12:30:00	7.7	3.051	6.2	803,269	Open	11.5	108
11/18/2025	12:45:00	7.6	1.631	3.9	803,299	Open	11.7	109
11/18/2025	13:00:00	7.4	3.236	5.2	803,336	Open	11.7	109
11/18/2025	13:15:00	7.3	3.085	8.5	803,366	Open	11.9	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	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/18/2025	13:30:00	7.4	3.278	13.2	803,404	Open	11.9	258
11/18/2025	13:45:00	7.5	3.278	17	803,453	Open	11.7	258
11/18/2025	14:00:00	7.5	3.191	5.7	803,482	Open	12	257
11/18/2025	14:15:00	7.5	0.670	7.1	803,530	Open	12	257
11/18/2025	14:30:00	7.5	2.487	19.9	803,546	Open	12.5	258
11/18/2025	14:45:00	7.4	3.073	11.3	803,592	Open	12.2	258
11/18/2025	15:00:00	7.4	0.314	0.1	803,623	Open	12.6	110
11/18/2025	15:15:00	7.5	0.689	11.6	803,634	Open	13.6	111
11/18/2025	15:30:00	7.3	3.138	2.9	803,671	Open	12.1	263
11/18/2025	15:45:00	7.3	2.869	8.5	803,717	Open	12	259
11/18/2025	16:00:00	7.2	2.820	4.8	803,738	Open	12.1	259
11/18/2025	16:15:00	7.2	3.429	3.5	803,788	Open	11.9	260
11/18/2025	16:30:00	7.2	3.437	10.5	803,826	Open	12	260
11/18/2025	16:45:00	7.2	2.680	14.1	803,874	Open	12.1	262
11/18/2025	17:00:00	7.2	2.150	27.8	803,909	Open	12	261
11/18/2025	17:15:00	7.2	3.391	0.1	803,946	Open	11.9	261
11/18/2025	17:30:00	7.2	3.418	0.7	803,980	Open	11.7	260
11/18/2025	17:45:00	7.2	3.092	2.4	804,022	Open	11.7	261
11/18/2025	18:00:00	7.3	3.153	1.6	804,057	Open	11.6	262
11/18/2025	18:15:00	7.3	3.236	3.9	804,105	Open	11.7	259
11/18/2025	18:30:00	7.3	0.791	1.3	804,147	Open	11.8	260
11/18/2025	18:45:00	7.3	3.145	2.1	804,162	Open	12.1	261
11/18/2025	19:00:00	7.3	0.704	1.9	804,209	Open	11.8	262
11/18/2025	19:15:00	7.3	3.278	6.9	804,228	Open	11.8	259
11/18/2025	19:30:00	7.3	3.240	37.4	804,275	Open	11.7	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	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/18/2025	19:45:00	7.3	3.089	1.1	804,314	Open	11.6	260
11/18/2025	20:00:00	7.4	0.337	0.7	804,330	Open	12	260
11/18/2025	20:15:00	7.3	3.168	1.6	804,373	Open	11.6	258
11/18/2025	20:30:00	7.3	0.348	0.5	804,399	Open	11.7	258
11/18/2025	20:45:00	7.3	2.547	2.1	804,432	Open	11.5	258
11/18/2025	21:00:00	7.3	3.346	0.5	804,480	Open	11.4	258
11/18/2025	21:15:00	7.2	2.680	0.8	804,527	Open	11.4	109
11/18/2025	21:30:00	7.2	3.195	0.8	804,570	Open	11.5	258
11/18/2025	21:45:00	7.2	3.149	0.6	804,618	Open	11.5	258
11/18/2025	22:00:00	7.3	2.369	1.5	804,661	Open	11.5	258
11/18/2025	22:15:00	7.3	2.691	0.6	804,683	Open	11.5	258
11/18/2025	22:30:00	7.3	3.183	0.7	804,729	Open	11.5	258
11/18/2025	22:45:00	7.3	0.341	0.7	804,767	Open	11.6	259
11/18/2025	23:00:00	7.3	3.164	1.3	804,799	Open	11.5	260
11/18/2025	23:15:00	7.3	2.400	1.9	804,838	Open	11.5	260
11/18/2025	23:30:00	7.3	3.229	0.8	804,860	Open	11.5	260
11/18/2025	23:45:00	7.3	3.198	0.3	804,908	Open	11.4	260
11/19/2025	0:00:00	7.3	1.972	1.2	804,954	Open	11.5	260
11/19/2025	0:15:00	7.3	3.160	1.1	804,991	Open	11.6	260
11/19/2025	0:30:00	7.3	2.396	3.9	805,035	Open	11.8	261
11/19/2025	0:45:00	7.3	3.168	1.5	805,080	Open	11.8	259
11/19/2025	1:00:00	7.3	2.665	0.5	805,102	Open	12.3	259
11/19/2025	1:15:00	7.2	3.179	0	805,148	Open	11.9	258
11/19/2025	1:30:00	7.2	0.341	0	805,180	Open	12.2	257
11/19/2025	1:45:00	7.2	2.430	0.3	805,212	Open	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	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/19/2025	2:00:00	7.2	0.484	0	805,235	Open	12.6	257
11/19/2025	2:15:00	7.2	3.232	0	805,279	Open	12.4	256
11/19/2025	2:30:00	7.3	3.168	0.1	805,327	Open	12.4	256
11/19/2025	2:45:00	7.3	2.668	1.6	805,349	Open	12.6	256
11/19/2025	3:00:00	7.3	1.783	1.2	805,387	Open	12.4	256
11/19/2025	3:15:00	7.3	3.232	0	805,431	Open	12.4	259
11/19/2025	3:30:00	7.3	3.202	0	805,479	Open	12.4	259
11/19/2025	3:45:00	7.3	2.657	0	805,523	Open	12.5	259
11/19/2025	4:00:00	7.3	3.153	0	805,569	Open	12.5	259
11/19/2025	4:15:00	7.4	2.422	4.3	805,583	Open	13.5	259
11/19/2025	4:30:00	7.4	3.210	0	805,629	Open	12.5	259
11/19/2025	4:45:00	7.4	3.195	0	805,672	Open	12.4	259
11/19/2025	5:00:00	7.5	3.176	2.4	805,719	Open	12.3	258
11/19/2025	5:15:00	7.4	3.138	2.9	805,766	Open	12.1	257
11/19/2025	5:30:00	7.3	1.794	9.6	805,807	Open	12	259
11/19/2025	5:45:00	7.2	3.236	2	805,832	Open	12	262
11/19/2025	6:00:00	7.2	3.213	1.2	805,881	Open	12	266
11/19/2025	6:15:00	7.1	3.176	4	805,928	Open	12.1	266
11/19/2025	6:30:00	7.1	2.646	2.5	805,972	Open	12.4	266
11/19/2025	6:45:00	7.1	0.371	4.6	806,010	Open	12.6	266
11/19/2025	7:00:00	7.2	3.210	0.5	806,043	Open	12.4	264
11/19/2025	7:15:00	7.2	3.179	1.3	806,091	Open	12.3	262
11/19/2025	7:30:00	7.3	3.164	2.1	806,133	Open	12.2	263
11/19/2025	7:45:00	7.3	3.126	5.1	806,181	Open	12.2	261
11/19/2025	8:00:00	7.4	0.151	4	806,211	Open	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	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/19/2025	8:15:00	7.3	2.752	8	806,240	Open	11.9	262
11/19/2025	8:30:00	7.3	3.195	1.3	806,284	Open	12	263
11/19/2025	8:45:00	7.3	3.153	2.5	806,331	Open	11.9	263
11/19/2025	9:00:00	7.3	2.967	3.7	806,359	Open	12.3	264
11/19/2025	9:15:00	7.3	2.525	0	806,395	Open	11.9	261
11/19/2025	9:30:00	7.3	3.119	0.4	806,439	Open	11.8	261
11/19/2025	9:45:00	7.3	1.101	3.5	806,484	Open	11.8	261
11/19/2025	10:00:00	7.3	0.303	0.5	806,488	Open	11.8	261
11/19/2025	10:15:00	7.2	3.164	0	806,532	Open	11.7	264
11/19/2025	10:30:00	7.3	2.116	0	806,571	Open	12	264
11/19/2025	10:45:00	7.3	3.066	0.7	806,615	Open	11.8	263
11/19/2025	11:00:00	7.3	2.994	5.3	806,660	Open	11.7	263
11/19/2025	11:15:00	7.3	3.039	3.9	806,688	Open	11.7	264
11/19/2025	11:30:00	7.3	0.352	1.2	806,712	Open	11.9	264
11/19/2025	11:45:00	7.3	2.456	0.7	806,746	Open	11.8	264
11/19/2025	12:00:00	7.3	2.388	0	806,783	Open	11.8	265
11/19/2025	12:15:00	7.3	3.388	0	806,822	Open	11.9	264
11/19/2025	12:30:00	7.2	3.350	0.5	806,867	Open	11.8	264
11/19/2025	12:45:00	7.2	3.107	4.7	806,910	Closed	11.9	266
11/19/2025	13:00:00	7.2	3.312	0.5	806,944	Open	11.9	264
11/19/2025	13:15:00	7.2	2.464	0	806,989	Open	12.2	262
11/19/2025	13:30:00	7.2	0.269	1.8	807,031	Open	12.4	264
11/19/2025	13:45:00	7.3	2.385	1.4	807,049	Open	12.7	262
11/19/2025	14:00:00	7.3	3.342	0.4	807,094	Open	12.5	261
11/19/2025	14:15:00	7.3	0.314	0	807,133	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	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/19/2025	14:30:00	7.3	2.509	0	807,163	Open	12.6	262
11/19/2025	14:45:00	7.3	3.051	1.4	807,207	Open	12.3	260
11/19/2025	15:00:00	7.3	3.104	2.8	807,253	Open	12.1	259
11/19/2025	15:15:00	7.3	0.227	1.4	807,291	Open	12.2	260
11/19/2025	15:30:00	7.3	3.039	5.1	807,321	Open	12.1	260
11/19/2025	15:45:00	7.3	2.990	3.6	807,366	Open	12	260
11/19/2025	16:00:00	7.3	1.813	5.5	807,393	Closed	12	261
11/19/2025	16:15:00	7.3	3.176	2.4	807,409	Open	12	261
11/19/2025	16:30:00	7.2	0.000	4.2	807,429	Open	12.1	261
11/19/2025	16:45:00	7.2	3.168	3.8	807,450	Open	11.9	263
11/19/2025	17:00:00	7.2	1.866	47.3	807,491	Open	11.8	259
11/19/2025	17:15:00	7.1	3.179	0.9	807,528	Open	11.7	260
11/19/2025	17:30:00	7.1	3.149	1.4	807,576	Open	11.7	260
11/19/2025	17:45:00	7.1	3.115	1.7	807,623	Open	11.8	260
11/19/2025	18:00:00	7.2	0.640	1.8	807,657	Open	11.9	260
11/19/2025	18:15:00	7.2	2.812	2.2	807,678	Open	11.8	262
11/19/2025	18:30:00	7.2	0.863	1.3	807,726	Open	11.6	260
11/19/2025	18:45:00	7.2	3.475	10	807,777	Open	11.6	260
11/19/2025	19:00:00	7.2	3.459	26.9	807,814	Open	11.6	262
11/19/2025	19:15:00	7.2	3.422	13.8	807,865	Open	11.5	262
11/19/2025	19:30:00	7.2	3.357	18.2	807,916	Open	11.5	262
11/19/2025	19:45:00	7.2	3.206	20.4	807,919	Closed	11.5	262
11/19/2025	20:00:00	7.2	3.032	44.6	807,920	Open	11.8	262
11/19/2025	20:15:00	7.2	3.346	3.2	807,956	Open	11.5	260
11/19/2025	20:30:00	7.2	0.439	5.5	808,002	Open	11.5	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	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/19/2025	20:45:00	7.1	3.312	4.1	808,028	Open	11.5	260
11/19/2025	21:00:00	7.1	0.174	7.3	808,069	Open	11.6	260
11/19/2025	21:15:00	7.1	3.259	7.3	808,099	Open	11.5	260
11/19/2025	21:30:00	7.1	0.231	9.4	808,119	Open	11.8	258
11/19/2025	21:45:00	7.1	3.248	6	808,154	Open	11.6	257
11/19/2025	22:00:00	7.1	0.182	8.3	808,193	Open	11.7	257
11/19/2025	22:15:00	7.1	2.975	8.4	808,219	Open	11.7	257
11/19/2025	22:30:00	7.1	1.896	11.9	808,258	Open	11.4	107
11/19/2025	22:45:00	7.1	0.693	9.4	808,293	Open	11.3	107
11/19/2025	23:00:00	7.1	3.346	12.2	808,322	Open	11.2	107
11/19/2025	23:15:00	7.1	0.341	13.5	808,364	Open	11.3	257
11/19/2025	23:30:00	7.2	3.346	4.1	808,395	Open	11.3	107
11/19/2025	23:45:00	7.2	3.308	13.1	808,444	Open	11.3	107
11/20/2025	0:00:00	7.2	0.500	3.3	808,466	Open	11.6	258
11/20/2025	0:15:00	7.2	2.661	13.2	808,513	Open	11.4	260
11/20/2025	0:30:00	7.2	0.484	5	808,539	Open	11.7	262
11/20/2025	0:45:00	7.1	3.327	3.8	808,584	Open	11.5	261
11/20/2025	1:00:00	7.1	0.291	6.1	808,620	Open	11.7	262
11/20/2025	1:15:00	7.1	3.308	12.2	808,645	Open	11.7	260
11/20/2025	1:30:00	7.1	3.354	16.2	808,665	Open	12	260
11/20/2025	1:45:00	7.1	3.327	23.8	808,715	Open	11.6	262
11/20/2025	2:00:00	7.1	0.443	19.9	808,743	Open	11.7	262
11/20/2025	2:15:00	7.1	0.590	17.5	808,771	Open	11.7	261
11/20/2025	2:30:00	7.1	3.270	22.5	808,819	Open	11.6	262
11/20/2025	2:45:00	7.1	2.267	30.4	808,861	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	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/20/2025	3:00:00	7.1	0.689	66.6	808,908	Open	11.6	262
11/20/2025	3:15:00	7.1	2.403	263.8	808,931	Open	11.6	262
11/20/2025	3:30:00	7.1	3.319	9.1	808,979	Open	11.5	260
11/20/2025	3:45:00	7.1	0.519	8	809,007	Open	11.6	260
11/20/2025	4:00:00	7.1	3.198	8.3	809,046	Open	11.7	260
11/20/2025	4:15:00	7.1	3.176	8.6	809,093	Open	11.7	259
11/20/2025	4:30:00	7.1	2.676	13.6	809,139	Open	11.7	258
11/20/2025	4:45:00	7.1	3.191	9	809,159	Open	12.2	262
11/20/2025	5:00:00	7.1	3.164	4.9	809,202	Open	11.9	261
11/20/2025	5:15:00	7.2	0.458	2.1	809,245	Open	12	263
11/20/2025	5:30:00	7.2	3.066	5	809,272	Open	12.2	263
11/20/2025	5:45:00	7.2	2.407	2.5	809,317	Open	12.2	263
11/20/2025	6:00:00	7.2	3.149	3.7	809,362	Open	12.2	263
11/20/2025	6:15:00	7.3	0.367	6.2	809,403	Open	12.2	263
11/20/2025	6:30:00	7.2	3.145	8.3	809,434	Open	12.2	263
11/20/2025	6:45:00	7.2	0.825	14.2	809,474	Open	12.2	263
11/20/2025	7:00:00	7.2	3.138	2.8	809,515	Open	12	263
11/20/2025	7:15:00	7.1	3.115	3.4	809,562	Open	12	264
11/20/2025	7:30:00	7.1	3.100	9	809,608	Open	11.9	264
11/20/2025	7:45:00	7.1	3.107	10.5	809,633	Open	12.2	262
11/20/2025	8:00:00	7.1	3.085	4.5	809,679	Open	11.9	262
11/20/2025	8:15:00	7.2	0.995	7.5	809,704	Open	11.9	261
11/20/2025	8:30:00	7.2	2.263	87.2	809,739	Open	11.6	262
11/20/2025	8:45:00	7.2	3.335	8.4	809,784	Open	11.6	261
11/20/2025	9:00:00	7.3	0.420	0.5	809,824	Open	11.8	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	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/20/2025	9:15:00	7.3	0.530	1.3	809,856	Open	11.7	262
11/20/2025	9:30:00	7.1	2.631	0	809,880	Open	12.1	263
11/20/2025	9:45:00	7	1.737	0	809,907	Open	12.1	262
11/20/2025	10:00:00	7.1	2.930	0	809,946	Open	11.8	262
11/20/2025	10:15:00	7.1	0.254	0	809,971	Open	12	260
11/20/2025	10:30:00	7.2	3.422	4.4	809,997	Open	11.6	262
11/20/2025	10:45:00	7.2	3.974	0.7	810,041	Open	11.7	260
11/20/2025	11:00:00	7.1	3.388	0.4	810,086	Open	11.6	262
11/20/2025	11:15:00	7.2	0.821	0.5	810,136	Open	11.7	260
11/20/2025	11:30:00	7.2	2.983	7.9	810,139	Closed	11.5	261
11/20/2025	11:45:00	7.2	3.539	0.3	810,176	Open	11.9	262
11/20/2025	12:00:00	7.2	3.210	1.5	810,224	Open	11.7	263
11/20/2025	12:15:00	7.2	3.191	2.1	810,245	Open	12.3	265
11/20/2025	12:30:00	7.2	3.172	1.3	810,293	Open	11.9	264
11/20/2025	12:45:00	7.2	2.502	0	810,329	Open	11.8	265
11/20/2025	13:00:00	7.2	2.990	0.7	810,373	Open	11.8	265
11/20/2025	13:15:00	7.2	3.293	0.8	810,416	Open	11.8	267
11/20/2025	13:30:00	7.2	3.346	0.4	810,460	Open	11.9	266
11/20/2025	13:45:00	7.2	3.350	1.1	810,489	Open	11.9	267
11/20/2025	14:00:00	7.2	3.342	1.2	810,533	Open	11.8	266
11/20/2025	14:15:00	7.2	3.289	1.9	810,582	Open	11.8	263
11/20/2025	14:30:00	7.2	3.225	1.4	810,631	Open	11.8	264
11/20/2025	14:45:00	7.2	1.472	4.1	810,668	Open	11.8	265
11/20/2025	15:00:00	7.2	2.634	1.6	810,694	Open	11.8	266
11/20/2025	15:15:00	7.1	4.485	3.4	810,735	Open	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	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/20/2025	15:30:00	7.1	3.501	17.9	810,776	Open	12.6	264
11/20/2025	15:45:00	7.1	1.540	1.4	810,806	Open	11.8	262
11/20/2025	16:00:00	7.1	3.266	5.3	810,836	Open	11.8	262
11/20/2025	16:15:00	7.1	3.232	6.6	810,885	Open	11.8	262
11/20/2025	16:30:00	7.2	2.597	15.5	810,922	Open	11.8	266
11/20/2025	16:45:00	7.2	3.361	14	810,943	Open	12.3	266
11/20/2025	17:00:00	7.1	2.210	8.4	810,971	Open	11.9	264
11/20/2025	17:15:00	7.1	3.811	0.6	811,018	Open	11.9	265
11/20/2025	17:30:00	7.1	3.365	2.5	811,068	Open	11.6	263
11/20/2025	17:45:00	7.1	3.251	2.3	811,094	Open	11.6	265
11/20/2025	18:00:00	7.1	3.179	2.7	811,128	Open	11.9	263
11/20/2025	18:15:00	7.1	3.240	7.6	811,177	Open	11.8	261
11/20/2025	18:30:00	7.1	3.232	6	811,226	Open	11.8	261
11/20/2025	18:45:00	7.1	3.217	7.7	811,274	Open	11.9	262
11/20/2025	19:00:00	7.1	3.232	7.1	811,323	Open	11.9	260
11/20/2025	19:15:00	7.1	3.229	8.5	811,371	Open	11.8	261
11/20/2025	19:30:00	7.1	3.187	16.2	811,419	Open	11.8	261
11/20/2025	19:45:00	7.1	0.549	11.8	811,464	Open	11.8	260
11/20/2025	20:00:00	7.1	2.468	8.8	811,488	Open	11.7	259
11/20/2025	20:15:00	7.1	3.176	13.2	811,527	Open	11.7	259
11/20/2025	20:30:00	7.1	0.299	18.2	811,558	Open	11.9	259
11/20/2025	20:45:00	7.1	3.240	18.5	811,590	Open	11.7	259
11/20/2025	21:00:00	7.1	2.275	22.1	811,633	Open	11.8	259
11/20/2025	21:15:00	7.1	0.405	22.9	811,675	Open	11.7	258
11/20/2025	21:30:00	7.1	3.232	27.7	811,691	Open	11.7	259

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/20/2025	21:45:00	7.1	0.647	33.3	811,738	Open	11.7	259
11/20/2025	22:00:00	7.2	3.229	0.1	811,758	Open	12	109
11/20/2025	22:15:00	7.1	1.745	1.4	811,800	Open	11.7	259
11/20/2025	22:30:00	7.1	3.198	1.7	811,844	Open	11.4	260
11/20/2025	22:45:00	7.1	2.373	12.2	811,865	Open	11.6	259
11/20/2025	23:00:00	7.1	3.248	2.8	811,907	Open	11.4	259
11/20/2025	23:15:00	7.1	3.221	5.7	811,948	Open	11.5	258
11/20/2025	23:30:00	7.1	0.420	0.6	811,982	Open	11.8	260
11/20/2025	23:45:00	7.1	2.445	0.3	812,017	Open	12.1	259
11/21/2025	0:00:00	7.1	3.232	2.9	812,064	Open	12.2	257
11/21/2025	0:15:00	7.1	3.263	2.3	812,085	Open	13.5	260
11/21/2025	0:30:00	7.1	3.236	0.8	812,134	Open	12.8	257
11/21/2025	0:45:00	7.1	3.232	1.7	812,175	Open	12.9	259
11/21/2025	1:00:00	7.1	2.271	4.6	812,199	Open	13.8	259
11/21/2025	1:15:00	7.1	3.255	1.3	812,245	Open	12.9	256
11/21/2025	1:30:00	7.1	2.237	1.6	812,293	Open	12.9	257
11/21/2025	1:45:00	7.1	3.251	3.1	812,315	Open	13.1	256
11/21/2025	2:00:00	7.1	3.244	4.2	812,357	Open	13.2	257
11/21/2025	2:15:00	7.1	3.206	6.5	812,405	Open	13.1	257
11/21/2025	2:30:00	7.1	2.313	4.7	812,424	Open	13.4	257
11/21/2025	2:45:00	7.1	0.363	10.8	812,459	Open	13.5	259
11/21/2025	3:00:00	7.1	3.248	2.7	812,487	Open	13.3	256
11/21/2025	3:15:00	7.1	3.217	7.6	812,536	Open	13.2	257
11/21/2025	3:30:00	7.1	3.244	10	812,560	Open	14	257
11/21/2025	3:45:00	7.1	2.218	10.1	812,604	Open	13.5	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	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/21/2025	4:00:00	7.1	3.202	4.1	812,650	Open	13.3	257
11/21/2025	4:15:00	7.1	2.313	6	812,664	Open	14.7	262
11/21/2025	4:30:00	7.1	3.255	1.6	812,706	Open	13.3	254
11/21/2025	4:45:00	7.1	3.221	2.5	812,753	Open	13.3	258
11/21/2025	5:00:00	7.1	0.360	2	812,789	Open	13.6	257
11/21/2025	5:15:00	7.1	3.213	0.4	812,834	Open	13.1	257
11/21/2025	5:30:00	7.1	3.157	4.2	812,882	Open	13	257
11/21/2025	5:45:00	7.1	0.276	4.4	812,911	Open	13.7	261
11/21/2025	6:00:00	7.1	3.240	0.7	812,933	Open	13.2	257
11/21/2025	6:15:00	7.1	3.198	0.8	812,981	Open	13	257
11/21/2025	6:30:00	7.1	3.164	2.3	813,029	Open	13	261
11/21/2025	6:45:00	7.1	3.191	7.4	813,071	Open	13.2	257
11/21/2025	7:00:00	7.1	3.157	6.6	813,118	Open	12.9	255
11/21/2025	7:15:00	7.1	3.126	4.9	813,165	Open	12.7	257
11/21/2025	7:30:00	7.1	0.409	5.4	813,193	Open	13.1	259
11/21/2025	7:45:00	7.1	2.263	6.6	813,227	Open	12.8	255
11/21/2025	8:00:00	7.1	2.665	5.8	813,260	Open	12.5	257
11/21/2025	8:15:00	7.1	3.482	4.5	813,298	Open	12.3	254
11/21/2025	8:30:00	7.1	3.054	9.6	813,336	Open	12.1	255
11/21/2025	8:45:00	7.1	3.089	4.4	813,382	Open	12.1	255
11/21/2025	9:00:00	7.2	3.130	2	813,411	Open	12.1	258
11/21/2025	9:15:00	7.2	3.073	0.5	813,457	Open	12	258
11/21/2025	9:30:00	7.2	0.288	0.5	813,488	Closed	12.1	109
11/21/2025	9:45:00	7.2	3.073	0.7	813,517	Open	12.9	109
11/21/2025	10:00:00	7.2	2.820	0.1	813,555	Open	14.7	257

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/21/2025	10:15:00	7.2	2.808	0	813,597	Open	15.5	261
11/21/2025	10:30:00	7.2	2.653	0	813,603	Open	16.2	259
11/21/2025	10:45:00	7.2	2.831	0	813,644	Open	16.9	261
11/21/2025	11:00:00	7.2	2.820	0.3	813,687	Open	17.5	261
11/21/2025	11:15:00	7.2	2.967	5.9	813,716	Open	12.6	257
11/21/2025	11:30:00	7.2	3.081	3.8	813,751	Open	12.3	257
11/21/2025	11:45:00	7.2	2.593	29.7	813,791	Closed	12.2	259
11/21/2025	12:00:00	7.2	0.371	1.6	813,811	Closed	12.4	258
11/21/2025	12:15:00	7.2	2.975	2.7	813,837	Open	12	259
11/21/2025	12:30:00	7.3	0.556	7.5	813,869	Closed	12	259
11/21/2025	12:45:00	7.3	3.107	8.3	813,890	Open	11.9	261
11/21/2025	13:00:00	7.2	3.384	3	813,933	Closed	12.1	261
11/21/2025	13:15:00	7.2	3.301	8.4	813,975	Open	12.2	259
11/21/2025	13:30:00	7.2	3.229	5.7	814,024	Open	12.2	259
11/21/2025	13:45:00	7.3	2.029	39.3	814,045	Closed	12.5	110
11/21/2025	14:00:00	7.1	2.964	0.5	814,082	Open	12.3	259
11/21/2025	14:15:00	7.2	3.077	16.5	814,122	Open	12.6	257
11/21/2025	14:30:00	7.1	3.153	2.7	814,152	Open	12.5	259
11/21/2025	14:45:00	7.2	2.941	3.7	814,197	Open	12.5	261
11/21/2025	15:00:00	7.2	1.840	6	814,237	Closed	12.5	261
11/21/2025	15:15:00	7.2	2.801	1.7	814,265	Open	12.5	261
11/21/2025	15:30:00	7.3	0.000	0	814,291	Closed	13.3	112
11/21/2025	15:45:00	7.2	0.609	17	814,316	Open	12.7	113
11/21/2025	16:00:00	7.2	3.255	4.3	814,345	Open	12.4	259
11/21/2025	16:15:00	7.2	1.980	40.7	814,363	Open	12.4	259

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/21/2025	16:30:00	7.2	2.335	1.9	814,395	Open	12	259
11/21/2025	16:45:00	7.2	3.251	2.3	814,439	Open	12	259
11/21/2025	17:00:00	7.2	2.142	3.1	814,466	Open	12.3	259
11/21/2025	17:15:00	7.2	3.164	0	814,505	Open	12.1	259
11/21/2025	17:30:00	7.2	3.036	0	814,551	Open	12.2	259
11/21/2025	17:45:00	7.3	0.409	0	814,577	Open	12.8	112
11/21/2025	18:00:00	7.2	3.596	4.8	814,615	Open	12.2	259
11/21/2025	18:15:00	7.2	0.337	2.4	814,632	Open	12	261
11/21/2025	18:30:00	7.1	3.505	3.2	814,677	Open	11.9	261
11/21/2025	18:45:00	7.1	3.422	6	814,729	Open	12	261
11/21/2025	19:00:00	7.3	2.718	17.6	814,734	Closed	12.8	255
11/21/2025	19:15:00	7.2	3.441	2	814,784	Open	12.2	256
11/21/2025	19:30:00	7.5	1.457	1	814,802	Closed	14.9	113
11/21/2025	19:45:00	7.3	3.653	23.2	814,850	Open	12.3	260
11/21/2025	20:00:00	7.2	3.354	3.5	814,892	Open	12.1	257
11/21/2025	20:15:00	7.1	2.464	3.2	814,937	Open	12.1	258
11/21/2025	20:30:00	7.2	3.512	10.1	814,987	Open	12	258
11/21/2025	20:45:00	7.2	0.583	7.4	815,036	Open	12	109
11/21/2025	21:00:00	7.3	3.263	8.6	815,050	Open	12	108
11/21/2025	21:15:00	7.2	0.371	0.4	815,093	Open	11.9	109
11/21/2025	21:30:00	7.4	3.248	50	815,100	Open	13.7	109
11/21/2025	21:45:00	7.4	0.000	9.2	815,138	Open	12.2	109
11/21/2025	22:00:00	7.4	3.240	20.5	815,154	Open	12.6	255
11/21/2025	22:15:00	7.2	3.350	4.3	815,198	Open	11.7	259
11/21/2025	22:30:00	7.2	0.587	3.9	815,246	Open	11.7	109

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/21/2025	22:45:00	7.3	2.737	10	815,259	Open	12.1	256
11/21/2025	23:00:00	7.3	3.577	8.5	815,309	Open	11.9	261
11/21/2025	23:15:00	7.2	3.361	3.3	815,360	Open	12	261
11/21/2025	23:30:00	7.2	3.278	10.3	815,410	Open	12.1	259
11/21/2025	23:45:00	7.4	0.303	11	815,442	Open	13.4	112
11/22/2025	0:00:00	7.2	3.251	5.8	815,469	Open	12.4	256
11/22/2025	0:15:00	7.2	3.535	6.5	815,515	Open	12.2	259
11/22/2025	0:30:00	7.2	3.316	7.3	815,567	Open	12.2	259
11/22/2025	0:45:00	7.4	0.344	12.8	815,597	Open	13.6	112
11/22/2025	1:00:00	7.2	2.850	9.3	815,627	Open	12.3	255
11/22/2025	1:15:00	7.4	0.197	13.3	815,657	Open	13.1	110
11/22/2025	1:30:00	7.2	3.202	8.6	815,694	Open	12	259
11/22/2025	1:45:00	7.2	2.396	11	815,741	Open	11.9	257
11/22/2025	2:00:00	7.2	0.439	10.6	815,758	Open	13.3	110
11/22/2025	2:15:00	7.2	3.490	19.4	815,803	Open	12	261
11/22/2025	2:30:00	7.2	3.255	21.5	815,850	Open	12.1	261
11/22/2025	2:45:00	7.2	0.129	14	815,890	Open	12.6	110
11/22/2025	3:00:00	7.2	3.240	13.3	815,910	Open	12.4	255
11/22/2025	3:15:00	7.2	3.187	12.7	815,958	Open	12.3	256
11/22/2025	3:30:00	7.3	3.217	11.2	815,976	Open	12.6	112
11/22/2025	3:45:00	7.2	3.168	12.5	816,024	Open	12.4	113
11/22/2025	4:00:00	7.3	3.357	38.3	816,043	Open	13.9	250
11/22/2025	4:15:00	7.2	3.331	14.9	816,093	Open	12.4	257
11/22/2025	4:30:00	7.2	3.323	14	816,134	Open	12.4	257
11/22/2025	4:45:00	7.2	3.236	15.1	816,183	Open	12.4	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	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/22/2025	5:00:00	7.3	3.255	17.1	816,201	Open	13.4	112
11/22/2025	5:15:00	7.2	3.304	27.3	816,242	Open	12.4	113
11/22/2025	5:30:00	7.3	3.365	24.3	816,260	Open	14.3	114
11/22/2025	5:45:00	7.2	2.040	15	816,304	Open	12.4	258
11/22/2025	6:00:00	7.2	3.335	11.4	816,348	Open	12.4	257
11/22/2025	6:15:00	7.2	2.494	18.3	816,393	Open	12.4	259
11/22/2025	6:30:00	7.2	3.509	7	816,433	Open	12.3	258
11/22/2025	6:45:00	7.2	3.425	6.3	816,485	Open	12.3	260
11/22/2025	7:00:00	7.2	3.225	3.3	816,534	Open	12.2	257
11/22/2025	7:15:00	7.4	0.348	113.3	816,571	Open	13	111
11/22/2025	7:30:00	7.3	3.149	10.8	816,604	Open	12.4	258
11/22/2025	7:45:00	7.2	2.180	3.1	816,629	Open	12.4	258
11/22/2025	8:00:00	7.2	3.217	3.8	816,672	Open	12.9	257
11/22/2025	8:15:00	7.2	3.255	5.7	816,719	Open	13.5	259
11/22/2025	8:30:00	7.2	0.670	1	816,763	Closed	14.3	260
11/22/2025	8:45:00	7.2	3.081	0.1	816,801	Open	15.1	259
11/22/2025	9:00:00	7.2	2.930	8.5	816,847	Open	12.6	256
11/22/2025	9:15:00	7.3	2.048	7.1	816,875	Open	13.1	256
11/22/2025	9:30:00	7.3	2.971	10.2	816,906	Open	12.4	256
11/22/2025	9:45:00	7.3	0.000	15	816,946	Open	12.5	256
11/22/2025	10:00:00	7.2	3.073	8.5	816,980	Open	12.2	258
11/22/2025	10:15:00	7.2	1.737	20.5	817,016	Closed	12.3	258
11/22/2025	10:30:00	7.2	3.278	9.4	817,056	Open	12.2	258
11/22/2025	10:45:00	7.2	3.626	24.4	817,073	Closed	12.5	256
11/22/2025	11:00:00	7.3	3.547	20.8	817,112	Closed	12.5	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	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/22/2025	11:15:00	7.3	3.270	183.2	817,129	Open	12.6	258
11/22/2025	11:30:00	7.2	3.047	10.2	817,174	Open	12.4	258
11/22/2025	11:45:00	7.2	2.986	6.7	817,203	Open	12.4	260
11/22/2025	12:00:00	7.2	3.123	10.2	817,250	Open	12.6	258
11/22/2025	12:15:00	7.2	3.066	17.7	817,297	Open	12.6	259
11/22/2025	12:30:00	7.2	2.173	23.2	817,315	Open	12.7	259
11/22/2025	12:45:00	7.2	2.472	37.5	817,352	Open	12.5	256
11/22/2025	13:00:00	7.2	2.998	6	817,396	Open	12.7	259
11/22/2025	13:15:00	7.2	3.149	11	817,442	Open	12.7	256
11/22/2025	13:30:00	7.2	0.583	22.6	817,470	Closed	13.2	256
11/22/2025	13:45:00	7.2	3.335	8	817,512	Open	13.5	256
11/22/2025	14:00:00	7.2	3.028	6.2	817,559	Open	13	256
11/22/2025	14:15:00	7.3	2.843	18.6	817,606	Open	12.9	254
11/22/2025	14:30:00	7.3	2.816	9.3	817,642	Open	14.2	259
11/22/2025	14:45:00	7.3	3.187	48.5	817,663	Closed	13	256
11/22/2025	15:00:00	7.2	3.043	8.4	817,705	Open	12.9	257
11/22/2025	15:15:00	7.3	3.017	0	817,732	Open	12.8	256
11/22/2025	15:30:00	7.2	2.222	34.8	817,756	Closed	12.9	256
11/22/2025	15:45:00	7.2	3.282	12.6	817,802	Open	13	257
11/22/2025	16:00:00	7.2	3.232	14.2	817,850	Open	13.2	257
11/22/2025	16:15:00	7.2	3.183	11.5	817,898	Open	13.3	257
11/22/2025	16:30:00	7.2	3.153	23	817,946	Open	13.7	257
11/22/2025	16:45:00	7.3	3.077	0	817,976	Open	13.3	255
11/22/2025	17:00:00	7.2	1.257	30.8	817,985	Open	13.8	256
11/22/2025	17:15:00	7.2	3.051	0.5	818,007	Open	13.3	252

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/22/2025	17:30:00	7.4	3.202	6.4	818,045	Open	13.8	256
11/22/2025	17:45:00	7.4	3.248	5.7	818,093	Open	14.5	259
11/22/2025	18:00:00	7.5	2.536	5.2	818,112	Open	15.2	257
11/22/2025	18:15:00	7.3	3.013	21.1	818,138	Open	13.9	251
11/22/2025	18:30:00	7.3	3.482	85	818,174	Open	12.7	110
11/22/2025	18:45:00	7.5	3.407	4.7	818,224	Open	13.1	253
11/22/2025	19:00:00	7.4	3.085	4.6	818,266	Open	13.9	254
11/22/2025	19:15:00	7.4	3.301	4.7	818,316	Open	15	253
11/22/2025	19:30:00	7.4	3.225	4.4	818,365	Open	15.9	253
11/22/2025	19:45:00	7.3	3.172	4.5	818,413	Open	16.6	255
11/22/2025	20:00:00	7.3	3.357	3.8	818,434	Open	17.6	254
11/22/2025	20:15:00	7.3	3.183	4.4	818,484	Open	18.6	254
11/22/2025	20:30:00	7.2	3.145	3.8	818,531	Open	19.9	254
11/22/2025	20:45:00	7.2	3.142	3.7	818,579	Open	21.3	254
11/22/2025	21:00:00	7.2	3.111	3.3	818,627	Open	22.9	256
11/22/2025	21:15:00	7.2	1.628	3	818,670	Open	24.4	254
11/22/2025	21:30:00	7.4	3.255	3.5	818,710	Open	15.9	252
11/22/2025	21:45:00	7.3	3.335	3.3	818,760	Open	17.3	256
11/22/2025	22:00:00	7.2	3.229	3	818,809	Open	19.2	257
11/22/2025	22:15:00	7.2	3.191	2.9	818,857	Open	21.1	256
11/22/2025	22:30:00	7.2	2.040	3.7	818,882	Open	21.9	255
11/22/2025	22:45:00	7.2	1.874	3.9	818,922	Open	22.2	257
11/22/2025	23:00:00	7.1	3.425	3.2	818,974	Open	23	259
11/22/2025	23:15:00	7.1	1.207	3.2	819,020	Open	24.3	259
11/22/2025	23:30:00	7.3	2.619	3	819,053	Open	17.4	249

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/22/2025	23:45:00	7.3	0.344	3.3	819,066	Open	16.4	257
11/23/2025	0:00:00	7.2	3.119	2.9	819,110	Open	18.3	257
11/23/2025	0:15:00	7.2	2.854	3	819,154	Open	20.1	257
11/23/2025	0:30:00	7.3	3.236	5.3	819,197	Open	15.5	249
11/23/2025	0:45:00	7.3	0.341	5.7	819,233	Open	13.9	254
11/23/2025	1:00:00	7.2	3.179	5.7	819,261	Open	13.5	256
11/23/2025	1:15:00	7.2	3.119	9.4	819,308	Open	13.6	256
11/23/2025	1:30:00	7.2	2.157	12	819,344	Closed	13.6	254
11/23/2025	1:45:00	7.2	3.293	10.3	819,346	Open	13.1	253
11/23/2025	2:00:00	7.2	0.341	12.2	819,388	Open	12.9	253
11/23/2025	2:15:00	7.2	3.221	5.1	819,412	Open	12.7	254
11/23/2025	2:30:00	7.2	3.142	6.4	819,460	Open	12.8	255
11/23/2025	2:45:00	7.2	3.388	7	819,503	Open	12.9	256
11/23/2025	3:00:00	7.2	3.327	17.2	819,525	Open	13.1	256
11/23/2025	3:15:00	7.2	2.407	77.3	819,570	Open	13.2	256
11/23/2025	3:30:00	7.1	3.217	3.4	819,616	Open	13.2	256
11/23/2025	3:45:00	7.2	0.307	12.6	819,632	Open	14.5	257
11/23/2025	4:00:00	7.2	3.126	6	819,672	Open	13.8	252
11/23/2025	4:15:00	7.2	3.248	7.2	819,720	Open	13.7	254
11/23/2025	4:30:00	7.2	2.888	5	819,763	Open	13.7	254
11/23/2025	4:45:00	7.2	0.140	7.3	819,795	Open	13.7	254
11/23/2025	5:00:00	7.2	3.020	6.5	819,821	Open	13.4	254
11/23/2025	5:15:00	7.2	3.361	9.9	819,865	Open	13.5	254
11/23/2025	5:30:00	7.2	3.172	4.5	819,915	Open	13.7	252
11/23/2025	5:45:00	7.1	3.134	5.8	819,962	Open	13.4	252

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/23/2025	6:00:00	7.2	0.602	8.1	819,999	Open	13.3	254
11/23/2025	6:15:00	7.2	3.316	6.4	820,022	Open	13.3	254
11/23/2025	6:30:00	7.2	3.475	6.3	820,052	Open	13.2	253
11/23/2025	6:45:00	7.2	3.456	2.8	820,090	Open	12.8	257
11/23/2025	7:00:00	7.2	3.251	1.4	820,139	Open	12.8	257
11/23/2025	7:15:00	7.2	3.172	6.2	820,187	Open	12.7	257
11/23/2025	7:30:00	7.2	0.363	7.8	820,220	Open	13	257
11/23/2025	7:45:00	7.2	3.142	11.1	820,255	Open	12.6	256
11/23/2025	8:00:00	7.2	3.202	7	820,302	Open	12.6	256
11/23/2025	8:15:00	7.2	3.187	32.1	820,350	Open	12.5	257
11/23/2025	8:30:00	7.2	0.598	9.9	820,394	Open	12.5	254
11/23/2025	8:45:00	7.2	1.321	88.6	820,416	Open	12.9	254
11/23/2025	9:00:00	7.2	3.395	12.3	820,435	Open	12.7	254
11/23/2025	9:15:00	7.2	3.195	6	820,484	Open	12.5	254
11/23/2025	9:30:00	7.2	3.301	8	820,533	Open	12.4	258
11/23/2025	9:45:00	7.2	2.445	11.2	820,570	Open	13.3	257
11/23/2025	10:00:00	7.2	3.289	8	820,612	Open	13.5	258
11/23/2025	10:15:00	7.3	2.434	9.9	820,656	Open	14.1	259
11/23/2025	10:30:00	7.3	0.556	28.7	820,696	Closed	14.1	259
11/23/2025	10:45:00	7.3	2.354	13	820,738	Open	13.7	257
11/23/2025	11:00:00	7.3	3.187	11.9	820,780	Open	14.6	261
11/23/2025	11:15:00	7.3	0.397	8.7	820,798	Closed	15.2	260
11/23/2025	11:30:00	7.3	3.089	9.9	820,837	Open	14.9	259
11/23/2025	11:45:00	7.4	2.036	8.7	820,881	Open	12.9	259
11/23/2025	12:00:00	7.4	0.428	18.8	820,897	Closed	13.3	260

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/23/2025	12:15:00	7.4	3.145	11	820,932	Open	13.2	261
11/23/2025	12:30:00	7.4	3.111	7.2	820,979	Open	13.4	261
11/23/2025	12:45:00	7.4	0.348	2.6	821,018	Closed	13.6	261
11/23/2025	13:00:00	7.3	2.509	32.5	821,031	Closed	14.3	257
11/23/2025	13:15:00	7.3	3.134	7.8	821,071	Open	13.8	257
11/23/2025	13:30:00	7.3	3.160	23.4	821,118	Open	14	257
11/23/2025	13:45:00	7.3	0.360	9.5	821,138	Open	15	259
11/23/2025	14:00:00	7.4	2.547	37.1	821,178	Open	14.5	261
11/23/2025	14:15:00	7.4	0.844	26.6	821,215	Closed	14	261
11/23/2025	14:30:00	7.3	2.926	8.3	821,249	Open	14.5	258
11/23/2025	14:45:00	7.3	2.896	6.4	821,292	Open	15.3	257
11/23/2025	15:00:00	7.3	2.343	14.4	821,330	Open	14.4	257
11/23/2025	15:15:00	7.3	2.956	14.4	821,369	Open	14.8	261
11/23/2025	15:30:00	7.3	3.134	8.6	821,416	Open	15.3	262
11/23/2025	15:45:00	7.3	3.168	23.7	821,463	Open	14.2	259
11/23/2025	16:00:00	7.3	1.957	28.9	821,488	Open	16	262
11/23/2025	16:15:00	7.3	3.039	10.4	821,517	Open	13.2	261
11/23/2025	16:30:00	7.3	2.763	6	821,552	Closed	13.2	261
11/23/2025	16:45:00	7.3	1.911	53.3	821,561	Closed	14	266
11/23/2025	17:00:00	7.2	2.108	10.1	821,594	Open	12.9	261
11/23/2025	17:15:00	7.3	3.013	18.2	821,621	Open	12.7	259
11/23/2025	17:30:00	7.2	3.066	6.5	821,650	Open	12.5	258
11/23/2025	17:45:00	7.2	2.422	17.4	821,689	Open	12.7	259
11/23/2025	18:00:00	7.2	0.314	30.1	821,712	Closed	12.9	259
11/23/2025	18:15:00	7.3	3.577	51.4	821,724	Closed	13.6	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	**November 17 ,2025 to November 23, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 12, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/23/2025	18:30:00	7.3	2.994	12	821,758	Open	12.5	259
11/23/2025	18:45:00	7.3	2.790	30.5	821,788	Open	13.6	261
11/23/2025	19:00:00	7.3	3.236	9.5	821,815	Open	13	262
11/23/2025	19:15:00	7.2	3.115	4.4	821,857	Open	12.8	261
11/23/2025	19:30:00	7.2	3.036	7	821,903	Open	12.5	259
11/23/2025	19:45:00	7.2	3.266	3.6	821,948	Open	12.5	259
11/23/2025	20:00:00	7.2	3.206	7.3	821,996	Open	12.7	262
11/23/2025	20:15:00	7.2	3.153	4.9	822,037	Open	13.2	261
11/23/2025	20:30:00	7.2	3.081	4.3	822,084	Open	13	257
11/23/2025	20:45:00	7.2	3.013	6.8	822,129	Open	13.1	257
11/23/2025	21:00:00	7.2	0.360	7.8	822,156	Closed	13.9	257
11/23/2025	21:15:00	7.2	2.256	2	822,182	Open	13.5	257
11/23/2025	21:30:00	7.2	3.100	1.8	822,228	Open	12.9	259
11/23/2025	21:45:00	7.2	3.176	4	822,275	Open	12.6	257
11/23/2025	22:00:00	7.3	2.786	2.9	822,322	Open	12.6	261
11/23/2025	22:15:00	7.2	2.252	2.5	822,361	Open	13	261
11/23/2025	22:30:00	7.2	3.073	2	822,404	Open	13	261
11/23/2025	22:45:00	7.2	3.047	4.9	822,413	Closed	13.1	261
11/23/2025	23:00:00	7.2	3.100	3.7	822,419	Open	13.1	261
11/23/2025	23:15:00	7.2	2.271	14.5	822,461	Open	13.4	259
11/23/2025	23:30:00	7.2	3.058	1.3	822,500	Open	13.3	258
11/23/2025	23:45:00	7.2	0.310	2.5	822,530	Open	13.7	258

Appendix B: Photo

Photo 1: No visible sheen observed in the WTP water, November 17

Photo 2: No visible sheen observed in the WTP water, November 18

Photo 3: No visible sheen observed in the WTP water, November 19

Photo 4: No visible sheen observed in the WTP water, November 20

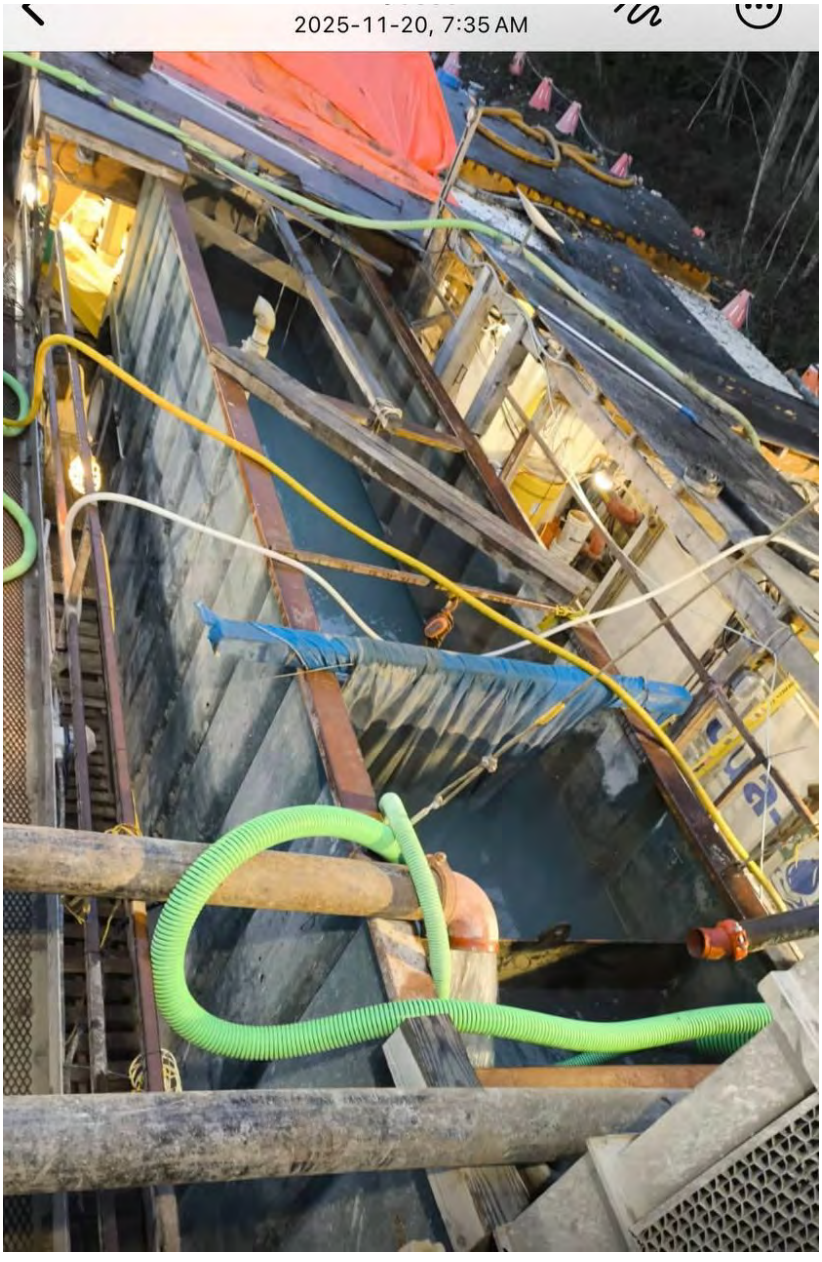
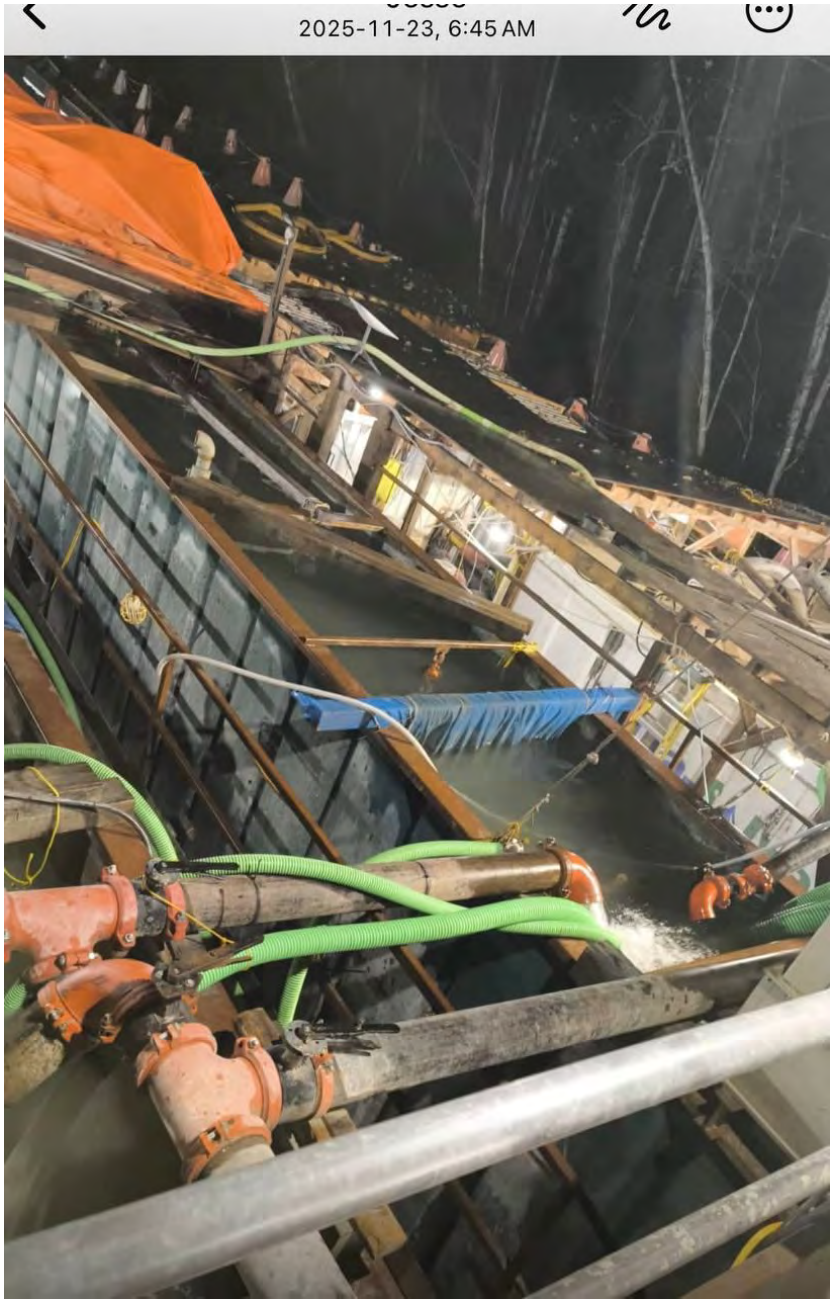


Photo 5: No visible sheen observed in the WTP water, November 21

Photo 6: No visible sheen observed in the WTP water, November 23



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 EOP 2025-11-18 09:04:00**
In situ Parameters								
Field pH	pH Units	-	6.5 - 9	-	-	7 - 8.7	-	7.21
Field Temperature	°C	18	19	-	-	-	-	10.5
General Parameters								
pH	pH Units	-	-	-	-	-	-	7.57
Alkalinity (Total as $CaCO_3$)	mg/L	-	-	-	-	-	-	53
Alkalinity (PP as $CaCO_3$)	mg/L	-	-	-	-	-	-	<1
Hardness ($CaCO_3$)-Total	mg/L	-	-	-	-	-	-	60.7
Hardness ($CaCO_3$)-Dissolved	mg/L	-	-	-	-	-	-	59.3
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	15.9	-	12	83	-	<0.015
Bicarbonate (HCO_3)	mg/L	-	-	-	-	-	-	64
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	-	-	-	-	-	-	0.125
Phosphorus (P)-Total (4500-P)	mg/L	-	-	-	-	-	-	0.0023
Bromide (Br)	mg/L	-	-	-	-	-	-	<0.01
Chloride (Cl)	mg/L	150	600	-	-	-	-	8
Fluoride (F)	mg/L	-	1.133	-	-	1.5	-	0.31
Sulphate (SO_4)-Dissolved	mg/L	218	-	-	-	-	-	11

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

[2] **Bold text** denotes value exceeding guidelines, 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.

[3] **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 EOP 2025-11-18 09:04:00**
Total Metals								
Aluminum (Al)-Total	mg/L	0.093869	-	-	-	-	-	**0.203**
Antimony (Sb)-Total	mg/L	0.074	0.25	-	-	-	-	0.000215
Arsenic (As)-Total	mg/L	0.005	-	-	0.0125	-	-	0.00127
Barium (Ba)-Total	mg/L	-	-	1	-	-	-	0.00588
Beryllium (Be)-Total	mg/L	-	-	0.00013	-	-	0.1	<0.00001
Bismuth (Bi)-Total	mg/L	-	-	-	-	-	-	<0.00001
Boron (B)-Total	mg/L	1.2	-	-	1.2	-	-	0.013
Cadmium (Cd)-Total	mg/L	-	-	-	-	-	0.00012	0.0000103
Calcium (Ca)-Total	mg/L	-	-	-	-	-	-	22.6
Cesium (Cs)-Total	mg/L	-	-	-	-	-	-	<0.00005
Chromium (Cr)-Total	mg/L	-	-	-	-	-	-	0.00141
Chromium (Cr III)-Total	mg/L	-	-	0.0089	-	-	0.056	0.0014
Chromium (Cr VI)-Total	mg/L	-	-	0.0025	-	-	0.0015	<0.00099
Cobalt (Co)-Total	mg/L	-	-	-	-	-	-	0.00005
Copper (Cu)-Total	mg/L	-	-	-	0.002	0.003	-	0.00066
Iron (Fe)-Total	mg/L	-	1	-	-	-	-	0.0369
Lead (Pb)-Total	mg/L	-	-	-	0.002	0.14	-	0.000023
Lithium (Li)-Total	mg/L	-	-	-	-	-	-	0.00306
Magnesium (Mg)-Total	mg/L	-	-	-	-	-	-	1.04
Manganese (Mn)-Total	mg/L	0.872	1.209	-	-	-	0.1	0.0197
Mercury (Hg)-Total	mg/L	0.00002	-	-	0.00002	-	-	<0.0000019
Molybdenum (Mo)-Total	mg/L	7.6	46	-	-	-	-	0.0304
Nickel (Ni)-Total	mg/L	-	-	-	-	-	0.0083	0.00016
Phosphorus (P)-Total (ICPMS)	mg/L	-	-	-	-	-	-	<0.005
Potassium (K)-Total	mg/L	-	-	-	-	-	-	0.99
Rubidium (Rb)-Total	mg/L	-	-	-	-	-	-	0.0018
Selenium (Se)-Total	mg/L	0.002	-	-	0.002	-	-	<0.00004
Silicon (Si)-Total	mg/L	-	-	-	-	-	-	6.79
Silver (Ag)-Total	mg/L	0.00012	-	-	0.0005	0.0037	0.0005	<0.00001
Sodium (Na)-Total	mg/L	-	-	-	-	-	-	5.22
Strontium (Sr)-Total	mg/L	-	-	-	-	-	-	0.0509
Sulphur (S)-Total	mg/L	-	-	-	-	-	-	3.7
Tellurium (Te)-Total	mg/L	-	-	-	-	-	-	<0.00002
Thallium (Tl)-Total	mg/L	-	-	0.00003	-	-	-	0.000007
Thorium (Th)-Total	mg/L	-	-	-	-	-	-	<0.00005
Tin (Sn)-Total	mg/L	-	-	-	-	-	-	<0.0002
Titanium (Ti)-Total	mg/L	-	-	-	-	-	-	<0.002
Uranium (U)-Total	mg/L	-	0.0165	0.0075	-	-	-	0.00169
Vanadium (V)-Total	mg/L	-	-	0.06	-	-	0.005	<0.0002
Zinc (Zn)-Total	mg/L	-	-	-	0.01	0.055	-	0.0028
Zirconium (Zr)-Total	mg/L	-	-	-	-	-	-	<0.0001

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

[2] **Bold text** denotes value exceeding guidelines, 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.

[3] **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 EOP 2025-11-18 09:04:00**
Dissolved Metals								
Aluminum (Al)-Dissolved	mg/L	-	-	-	-	-	-	0.0887
Antimony (Sb)-Dissolved	mg/L	-	-	-	-	-	-	0.000221
Arsenic (As)-Dissolved	mg/L	-	-	-	-	-	-	0.00121
Barium (Ba)-Dissolved	mg/L	-	-	-	-	-	-	0.00597
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	0.000146	0.000352	-	-	-	-	0.0000093
Calcium (Ca)-Dissolved	mg/L	-	-	-	-	-	-	22.1
Cesium (Cs)-Dissolved	mg/L	-	-	-	-	-	-	<0.00005
Chromium (Cr)-Dissolved	mg/L	-	-	-	-	-	-	0.00023
Cobalt (Co)-Dissolved	mg/L	0.000415	-	-	-	-	-	0.0000398
Copper (Cu)-Dissolved	mg/L	0.0003	0.00188	-	-	-	-	**0.000567**
Iron (Fe)-Dissolved	mg/L	-	0.35	-	-	-	-	0.0043
Lead (Pb)-Dissolved	mg/L	0.002369	-	-	-	-	-	<0.000005
Lithium (Li)-Dissolved	mg/L	-	-	-	-	-	-	0.00277
Manganese (Mn)-Dissolved	mg/L	-	-	-	-	-	-	0.0166
Magnesium (Mg)-Dissolved	mg/L	-	-	-	-	-	-	1
Mercury (Hg)-Dissolved	mg/L	-	-	-	-	-	-	<0.0000019
Molybdenum (Mo)-Dissolved	mg/L	-	-	-	-	-	-	0.0307
Nickel (Ni)-Dissolved	mg/L	0.0013	0.0222	-	-	-	-	0.000127
Phosphorus (P)-Dissolved	mg/L	-	-	-	-	-	-	<0.002
Potassium (K)-Dissolved	mg/L	-	-	-	-	-	-	0.975
Rubidium (Rb)-Dissolved	mg/L	-	-	-	-	-	-	0.0018
Selenium (Se)-Dissolved	mg/L	-	-	-	-	-	-	<0.00004
Silicon (Si)-Dissolved	mg/L	-	-	-	-	-	-	6.42
Silver (Ag)-Dissolved	mg/L	-	-	-	-	-	-	<0.000005
Sodium (Na)-Dissolved	mg/L	-	-	-	-	-	-	4.91
Strontium (Sr)-Dissolved	mg/L	-	-	1.25	-	-	-	0.0515
Sulphur (S)-Dissolved	mg/L	-	-	-	-	-	-	3.6
Tellurium (Te)-Dissolved	mg/L	-	-	-	-	-	-	<0.00002
Thallium (Tl)-Dissolved	mg/L	-	-	-	-	-	-	0.0000076
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	-	-	-	-	-	-	0.00155
Vanadium (V)-Dissolved	mg/L	-	-	-	-	-	-	<0.0002
Zinc (Zn)-Dissolved	mg/L	0.008424	0.02896	-	-	-	-	0.00198
Zirconium (Zr)-Dissolved	mg/L	-	-	-	-	-	-	<0.0001

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

[2] **Bold text** denotes value exceeding guidelines, 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	**WLNG EOP 2025-11-18 09:04:00**
Inorganics								
Organic Carbon (C)-Total	mg/L	-	-	-	-	-	-	2.5
Organic Carbon (C)-Dissolved	mg/L	-	-	-	-	-	-	1.6
Solids-Total Dissolved	mg/L	-	-	-	-	-	-	120
Solids-Total Suspended	mg/L	6	26	-	-	-	-	<1
Organics								
HEPH (C19-C32 less PAH)	mg/L	-	-	-	-	-	-	<0.2
LEPH (C10-C19 less PAH)	mg/L	-	-	-	-	-	-	<0.2
EPH (C10-C19)	mg/L	-	-	-	-	-	-	<0.2
EPH (C19-C32)	mg/L	-	-	-	-	-	-	<0.2
Ethylene Glycol	mg/L	-	-	-	-	-	-	<3
Diethylene Glycol	mg/L	-	-	-	-	-	-	<5
Triethylene Glycol	mg/L	-	-	-	-	-	-	<5
Propylene Glycol	mg/L	-	-	-	-	-	-	<5
Acenaphthene	mg/L	0.006	-	-	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

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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	**WLNG EOP 2025-11-18 09:04:00**
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								
LC50	% vol/vol	-	-	-	-	-	-	>100

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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	2025-11-17 00:00:00	9.559	59.553	0.409	7.532	10.903	270.533	0.027
EAS-DS	2025-11-17 01:00:00	9.242	34.968	0.415	7.327	10.943	346.002	0.015
EAS-DS	2025-11-17 02:00:00	9.566	47.505	0.410	7.461	10.888	307.202	0.021
EAS-DS	2025-11-17 03:00:00	9.728	56.033	0.413	7.508	10.860	101.488	0.025
EAS-DS	2025-11-17 04:00:00	9.720	53.299	0.412	7.487	10.890	134.201	0.024
EAS-DS	2025-11-17 05:00:00	9.416	29.153	0.412	7.384	10.954	77.745	0.012
EAS-DS	2025-11-17 06:00:00	9.630	55.354	0.420	7.429	10.932	82.808	0.025
EAS-DS	2025-11-17 07:00:00	9.526	51.059	0.418	7.456	10.946	28.872	0.023
EAS-DS	2025-11-17 08:00:00	9.309	31.707	0.414	7.368	11.013	51.328	0.013
EAS-DS	2025-11-17 09:00:00	9.469	47.158	0.414	7.541	10.971	17.720	0.021
EAS-DS	2025-11-17 10:00:00	9.182	27.550	0.413	7.311	11.070	11.365	0.012
EAS-DS	2025-11-17 11:00:00	9.521	57.608	0.361	7.385	10.999	0.357	0.026
EAS-DS	2025-11-17 12:00:00	9.434	50.958	0.373	7.427	11.024	0.307	0.023
EAS-DS	2025-11-17 13:00:00	9.568	62.126	0.385	7.487	10.985	0.690	0.028
EAS-DS	2025-11-17 14:00:00	9.550	59.461	0.392	7.472	11.001	1.289	0.027
EAS-DS	2025-11-17 15:00:00	9.393	45.038	0.399	7.321	11.023	1.271	0.020
EAS-DS	2025-11-17 16:00:00	9.210	34.018	0.398	7.211	11.110	0.000	0.015
EAS-DS	2025-11-17 17:00:00	9.531	61.077	0.404	7.447	10.995	0.000	0.028
EAS-DS	2025-11-17 18:00:00	9.522	61.123	0.402	7.492	10.978	0.000	0.028
EAS-DS	2025-11-17 19:00:00	9.342	51.741	0.406	7.428	11.048	0.000	0.023
EAS-DS	2025-11-17 20:00:00	9.318	54.611	0.409	7.367	11.069	0.000	0.024
EAS-DS	2025-11-17 21:00:00	9.426	65.692	0.411	7.446	11.049	0.261	0.030
EAS-DS	2025-11-17 22:00:00	8.893	27.126	0.405	7.332	11.162	0.000	0.011
EAS-DS	2025-11-17 23:00:00	9.353	65.022	0.413	7.441	11.012	0.000	0.030
EAS-DS	2025-11-18 00:00:00	8.876	32.828	0.413	7.432	11.109	0.000	0.014
EAS-DS	2025-11-18 01:00:00	8.911	39.348	0.415	7.486	11.079	0.000	0.017
EAS-DS	2025-11-18 02:00:00	9.226	71.728	0.414	7.515	11.047	0.000	0.033
EAS-DS	2025-11-18 03:00:00	8.973	65.461	0.416	7.244	11.233	0.000	0.030
EAS-DS	2025-11-18 04:00:00	9.147	66.190	0.414	7.435	11.014	1.696	0.030
EAS-DS	2025-11-18 05:00:00	9.123	69.055	0.414	7.458	11.080	0.000	0.031
EAS-DS	2025-11-18 06:00:00	8.605	30.723	0.410	7.435	11.216	0.000	0.013
EAS-DS	2025-11-18 07:00:00	8.975	47.752	0.411	7.570	11.048	0.000	0.021
EAS-DS	2025-11-18 08:00:00	9.146	65.884	0.412	7.518	11.054	0.000	0.030
EAS-DS	2025-11-18 09:00:00	9.275	75.125	0.413	7.561	11.038	0.000	0.034
EAS-DS	2025-11-18 10:00:00	8.985	52.629	0.409	7.566	11.139	0.000	0.024
EAS-DS	2025-11-18 11:00:00	9.372	77.691	0.414	7.585	11.056	0.691	0.036
EAS-DS	2025-11-18 12:00:00	9.395	72.628	0.411	7.559	11.060	0.000	0.033
EAS-DS	2025-11-18 13:00:00	9.395	68.061	0.417	7.464	11.024	0.000	0.031
EAS-DS	2025-11-18 14:00:00	9.480	75.905	0.415	7.508	11.020	0.278	0.035
EAS-DS	2025-11-18 15:00:00	9.285	64.789	0.416	7.514	11.069	0.000	0.029
EAS-DS	2025-11-18 16:00:00	8.891	38.328	0.416	7.415	11.163	0.000	0.017
EAS-DS	2025-11-18 17:00:00	9.120	63.178	0.420	7.394	11.116	0.000	0.029
EAS-DS	2025-11-18 18:00:00		76.400	0.414	7.482	11.073	0.000	0.035
EAS-DS	2025-11-18 19:00:00	9.294	79.147	0.419	7.467	11.063	0.000	0.036
EAS-DS	2025-11-18 20:00:00	8.546	30.014	0.411	7.520	11.280	0.000	0.013
EAS-DS	2025-11-18 21:00:00	9.206	79.289	0.418	7.494	11.098	0.000	0.036
EAS-DS	2025-11-18 22:00:00	9.078	70.018	0.412	7.591	11.112	0.125	0.032
EAS-DS	2025-11-18 23:00:00	9.088	76.777	0.419	7.540	11.127	0.000	0.035
EAS-DS	2025-11-19 00:00:00	9.125	78.149	0.417	7.539	11.084	0.000	0.036
EAS-DS	2025-11-19 01:00:00		34.007		7.497	11.254	0.000	0.015
EAS-DS	2025-11-19 02:00:00	8.378	34.984	0.416	7.515	11.242	0.000	0.015
EAS-DS	2025-11-19 03:00:00	8.815	67.862	0.420	7.487	11.094	0.000	0.031
EAS-DS	2025-11-19 04:00:00	8.947	81.435	0.416	7.561	11.145	0.000	0.037
EAS-DS	2025-11-19 05:00:00	8.947	81.677	0.416	7.596	11.116	0.000	0.037

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	2025-11-19 06:00:00	8.924	86.890	0.417	7.535	11.079	0.000	0.040
EAS-DS	2025-11-19 07:00:00	8.855	85.542	0.417	7.512	11.130	0.000	0.039
EAS-DS	2025-11-19 08:00:00	8.345	45.511	0.412	7.617	11.101	0.000	0.020
EAS-DS	2025-11-19 09:00:00	8.066	41.045	0.414	7.586	11.307	0.000	0.018
EAS-DS	2025-11-19 10:00:00	7.962	24.512	0.412	7.535	11.353	0.000	0.010
EAS-DS	2025-11-19 11:00:00	9.055	84.796	0.415	7.558	11.056	1.893	0.039
EAS-DS	2025-11-19 12:00:00	9.095	77.148	0.414	7.545	10.999	0.000	0.035
EAS-DS	2025-11-19 13:00:00	9.328	86.016	0.416	7.499	10.959	0.000	0.040
EAS-DS	2025-11-19 14:00:00	9.412	86.977	0.416	7.516	10.907	0.040	0.040
EAS-DS	2025-11-19 15:00:00	9.380	85.993	0.416	7.535	10.870	0.473	0.040
EAS-DS	2025-11-19 16:00:00	8.988	53.033	0.413	7.593	10.854	0.238	0.024
EAS-DS	2025-11-19 17:00:00	9.043	73.725	0.422	7.455	10.890	1.939	0.034
EAS-DS	2025-11-19 18:00:00	8.820	72.064	0.414	7.597	11.042	0.213	0.033
EAS-DS	2025-11-19 19:00:00	8.640	66.733	0.417	7.569	11.031	5.380	0.030
EAS-DS	2025-11-19 20:00:00	7.829	21.744	0.417	7.363	11.247	0.000	0.009
EAS-DS	2025-11-19 21:00:00	9.045	83.911	0.421	7.471	10.918	2.092	0.039
EAS-DS	2025-11-19 22:00:00	8.984	80.815	0.418	7.431	10.920	2.218	0.037
EAS-DS	2025-11-19 23:00:00	8.893	82.841	0.421	7.465	11.043	2.287	0.038
EAS-DS	2025-11-20 00:00:00	8.452	48.919	0.414	7.569	10.981	0.238	0.022
EAS-DS	2025-11-20 01:00:00	8.989	76.329	0.416	7.433	10.807	0.322	0.035
EAS-DS	2025-11-20 02:00:00	8.875	80.207	0.413	7.456	11.017	3.314	0.037
EAS-DS	2025-11-20 03:00:00	9.119	89.169	0.414	7.484	10.907	4.046	0.041
EAS-DS	2025-11-20 04:00:00	8.896	78.230	0.413	7.534	10.937	1.979	0.036
EAS-DS	2025-11-20 05:00:00	8.995	86.527	0.417	7.508	10.986	0.728	0.040
EAS-DS	2025-11-20 06:00:00	9.115	91.214	0.412	7.557	10.933	1.388	0.042
EAS-DS	2025-11-20 07:00:00	9.077	88.397	0.414	7.524	10.952	0.773	0.041
EAS-DS	2025-11-20 08:00:00	9.062	87.380	0.411	7.512	10.943	1.920	0.040
EAS-DS	2025-11-20 09:00:00	9.110	91.182	0.415	7.488	10.895	0.822	0.042
EAS-DS	2025-11-20 10:00:00	8.966	83.582	0.414	7.522	11.037	0.656	0.038
EAS-DS	2025-11-20 11:00:00	9.125	91.221	0.418	7.507	10.983	0.539	0.042
EAS-DS	2025-11-20 12:00:00	9.110	89.828	0.417	7.388	10.990	0.911	0.041
EAS-DS	2025-11-20 13:00:00	9.242	89.971	0.415	7.590	10.920	0.889	0.041
EAS-DS	2025-11-20 14:00:00	9.262	91.546	0.410	7.599	10.973	1.802	0.042
EAS-DS	2025-11-20 15:00:00	8.925	78.406	0.414	7.567	10.897	1.023	0.036
EAS-DS	2025-11-20 16:00:00	8.834	57.683	0.413	7.508	10.833	1.667	0.026
EAS-DS	2025-11-20 17:00:00	8.839	67.187	0.423	7.383	10.254	0.874	0.031
EAS-DS	2025-11-20 18:00:00	9.049	78.449	0.413	7.533	10.787	1.748	0.036
EAS-DS	2025-11-20 19:00:00	9.390	93.716	0.412	7.603	10.767	3.386	0.043
EAS-DS	2025-11-20 20:00:00	9.070	85.234	0.410	7.594	10.918	4.738	0.039
EAS-DS	2025-11-20 21:00:00	9.251	86.189	0.413	7.599	10.843	2.284	0.040
EAS-DS	2025-11-20 22:00:00	8.869	81.660	0.409	7.583	10.921	4.012	0.037
EAS-DS	2025-11-20 23:00:00	9.270	91.881	0.414	7.582	10.931	3.255	0.042
EAS-DS	2025-11-21 00:00:00	9.347	92.635	0.407	7.604	10.853	2.638	0.043
EAS-DS	2025-11-21 01:00:00	8.854	62.924	0.411	7.606	10.729	1.721	0.028
EAS-DS	2025-11-21 02:00:00	9.233	82.700	0.405	7.609	10.802	4.993	0.038
EAS-DS	2025-11-21 03:00:00	9.302	91.452	0.410	7.600	10.900	6.036	0.042
EAS-DS	2025-11-21 04:00:00	9.445	94.034	0.405	7.606	10.835	4.609	0.043
EAS-DS	2025-11-21 05:00:00	9.496	93.237	0.407	7.620	10.754	2.531	0.043
EAS-DS	2025-11-21 06:00:00	9.207	88.540	0.405	7.609	10.828	5.016	0.041
EAS-DS	2025-11-21 07:00:00	9.516	93.642	0.407	7.614	10.824	10.261	0.043
EAS-DS	2025-11-21 08:00:00	9.109	69.789	0.405	7.641	10.771	4.543	0.032
EAS-DS	2025-11-21 09:00:00	9.335	89.684	0.409	7.630	10.899	3.329	0.041
EAS-DS	2025-11-21 10:00:00	9.366	89.143	0.406	7.635	10.813	3.214	0.041
EAS-DS	2025-11-21 11:00:00	9.437	88.450	0.409	7.628	10.875	4.671	0.041

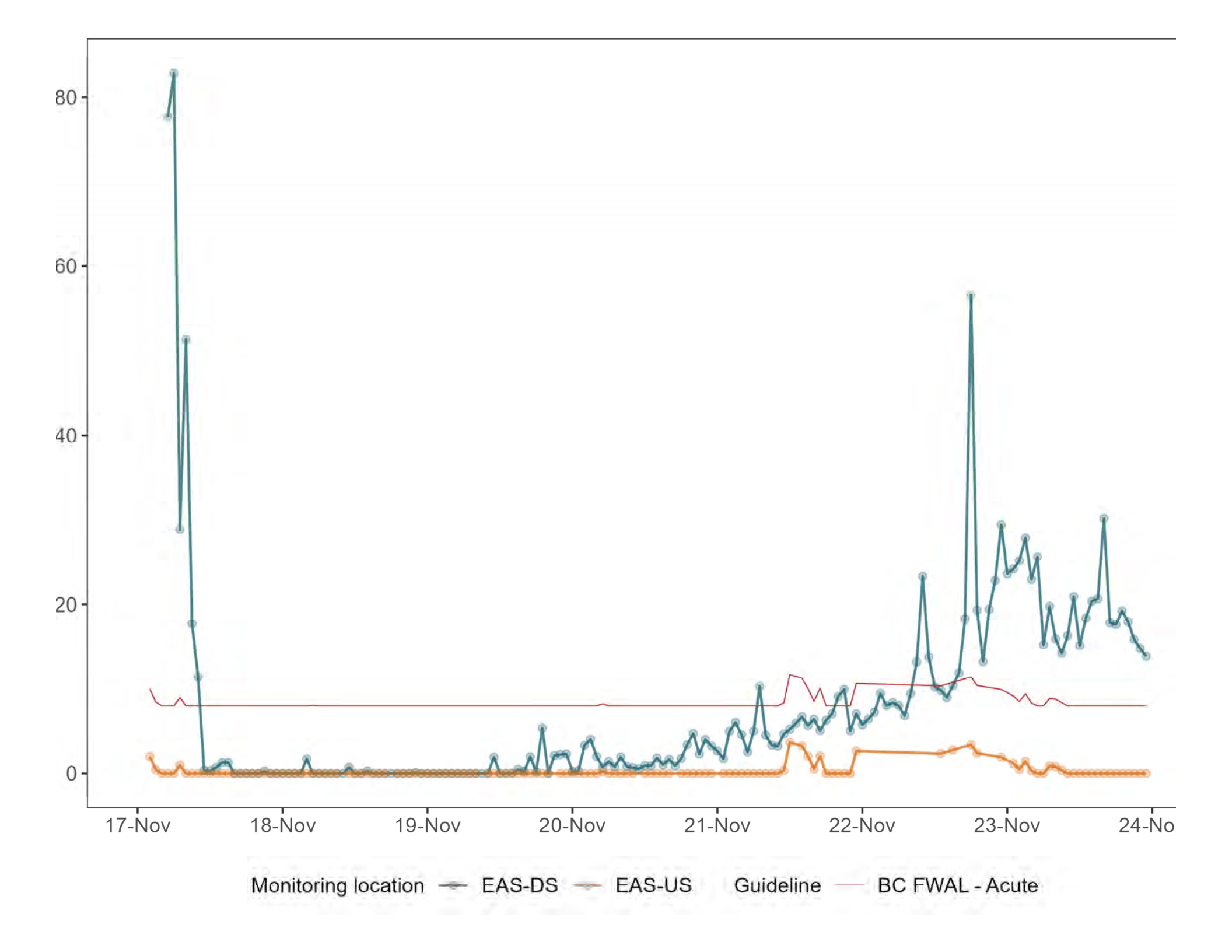
Woodfibre LNG (East Creek)								
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**	**Salinity (PSU)**
EAS-DS	2025-11-21 12:00:00	9.237	71.300	0.405	7.642	10.691	5.240	0.033
EAS-DS	2025-11-21 13:00:00	9.500	92.062	0.405	7.651	10.811	5.929	0.043
EAS-DS	2025-11-21 14:00:00	9.287	79.658	0.406	7.635	10.805	6.686	0.037
EAS-DS	2025-11-21 15:00:00	9.487	88.775	0.408	7.638	10.849	5.669	0.041
EAS-DS	2025-11-21 16:00:00	9.393	87.051	0.406	7.630	10.780	6.403	0.040
EAS-DS	2025-11-21 17:00:00	9.418	70.765	0.408	7.632	10.755	5.090	0.032
EAS-DS	2025-11-21 18:00:00	9.533	89.176	0.407	7.615	10.816	6.285	0.041
EAS-DS	2025-11-21 19:00:00	8.951	55.648	0.412	7.577	10.630	7.046	0.025
EAS-DS	2025-11-21 20:00:00	9.602	89.010	0.407	7.603	10.648	9.070	0.041
EAS-DS	2025-11-21 21:00:00	9.003	67.374	0.409	7.551	10.685	9.911	0.031
EAS-DS	2025-11-21 22:00:00	9.183	64.963	0.413	7.577	10.790	5.057	0.029
EAS-DS	2025-11-21 23:00:00	9.553	86.564	0.414	7.559	10.768	7.040	0.040
EAS-DS	2025-11-22 00:00:00	9.225	59.530	0.413	7.470	10.824	5.760	0.027
EAS-DS	2025-11-22 01:00:00	9.311	74.673	0.416	7.494	10.721	6.425	0.034
EAS-DS	2025-11-22 02:00:00	9.052	67.212	0.414	7.525	10.667	7.237	0.031
EAS-DS	2025-11-22 03:00:00	9.060	64.208	0.417	7.530	10.666	9.438	0.029
EAS-DS	2025-11-22 04:00:00	8.896	55.655	0.415	7.526	10.825	8.024	0.025
EAS-DS	2025-11-22 05:00:00	8.900	50.531	0.419	7.510	10.752	8.359	0.023
EAS-DS	2025-11-22 06:00:00	9.311	68.014	0.417	7.477	10.747	8.020	0.031
EAS-DS	2025-11-22 07:00:00	9.345	66.096	0.422	7.442	10.829	6.814	0.030
EAS-DS	2025-11-22 08:00:00	9.286	54.687	0.422	7.447	10.817	9.437	0.025
EAS-DS	2025-11-22 09:00:00	9.363	56.905	0.426	7.379	10.992	13.168	0.026
EAS-DS	2025-11-22 10:00:00	9.396	53.293	0.425	7.404	11.050	23.282	0.024
EAS-DS	2025-11-22 11:00:00	9.432	47.930	0.429	7.372	11.013	13.750	0.021
EAS-DS	2025-11-22 12:00:00	9.499	46.457	0.428	7.296	10.981	10.196	0.021
EAS-DS	2025-11-22 13:00:00	9.539	44.027	0.432	7.284	10.945	9.813	0.019
EAS-DS	2025-11-22 14:00:00	9.576	44.332	0.429	7.263	10.961	8.990	0.020
EAS-DS	2025-11-22 15:00:00	9.605	44.054	0.434	7.196	10.959	10.374	0.019
EAS-DS	2025-11-22 16:00:00	9.635	45.784	0.430	7.273	10.950	11.893	0.020
EAS-DS	2025-11-22 17:00:00	9.556	42.148	0.433	7.259	11.001	18.274	0.019
EAS-DS	2025-11-22 18:00:00	9.560	39.559	0.433	7.212	11.056	56.605	0.017
EAS-DS	2025-11-22 19:00:00	9.635	38.786	0.432	7.206	10.994	19.308	0.017
EAS-DS	2025-11-22 20:00:00	9.661	39.462	0.430	7.207	11.019	13.225	0.017
EAS-DS	2025-11-22 21:00:00	9.688	39.789	0.431	7.209	10.978	19.405	0.017
EAS-DS	2025-11-22 22:00:00	9.678	40.070	0.428	7.253	11.026	22.815	0.018
EAS-DS	2025-11-22 23:00:00	9.704	39.200	0.432	7.190	10.983	29.442	0.017
EAS-DS	2025-11-23 00:00:00	9.707	38.628	0.432	7.199	10.988	23.602	0.017
EAS-DS	2025-11-23 01:00:00	9.694	39.166	0.435	7.173	10.972	24.162	0.017
EAS-DS	2025-11-23 02:00:00	9.586	28.271	0.433	7.191	10.998	25.137	0.012
EAS-DS	2025-11-23 03:00:00	9.653	40.640	0.433	7.155	10.979	27.851	0.018
EAS-DS	2025-11-23 04:00:00	9.691	42.052	0.429	7.222	10.975	22.944	0.018
EAS-DS	2025-11-23 05:00:00	9.671	42.320	0.432	7.207	10.971	25.575	0.019
EAS-DS	2025-11-23 06:00:00	9.673	45.592	0.427	7.260	10.961	15.229	0.020
EAS-DS	2025-11-23 07:00:00	9.664	48.734	0.429	7.284	10.940	19.738	0.022
EAS-DS	2025-11-23 08:00:00	9.526	49.201	0.423	7.317	10.991	15.942	0.022
EAS-DS	2025-11-23 09:00:00	9.364	37.833	0.426	7.232	11.040	14.237	0.016
EAS-DS	2025-11-23 10:00:00	9.551	53.097	0.422	7.367	10.959	16.305	0.024
EAS-DS	2025-11-23 11:00:00	9.679	54.151	0.422	7.449	10.938	20.897	0.024
EAS-DS	2025-11-23 12:00:00	9.420	22.742	0.420	7.372	11.002	15.130	0.009
EAS-DS	2025-11-23 13:00:00	9.693	43.711	0.424	7.309	10.941	18.374	0.019
EAS-DS	2025-11-23 14:00:00	9.735	53.026	0.419	7.379	10.943	20.354	0.024
EAS-DS	2025-11-23 15:00:00	9.596	49.353	0.423	7.390	10.923	20.643	0.022
EAS-DS	2025-11-23 16:00:00	9.471	48.512	0.421	7.427	10.977	30.178	0.022
EAS-DS	2025-11-23 17:00:00	9.497	57.039	0.426	7.374	10.957	17.829	0.026

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	2025-11-23 18:00:00	9.219	42.249	0.422	7.409	10.970	17.635	0.019
EAS-DS	2025-11-23 19:00:00	9.329	61.595	0.427	7.420	11.044	19.217	0.028
EAS-DS	2025-11-23 20:00:00	9.347	65.331	0.422	7.452	11.012	17.943	0.030
EAS-DS	2025-11-23 21:00:00	9.039	45.663	0.424	7.441	10.980	15.881	0.020
EAS-DS	2025-11-23 22:00:00	9.178	66.363	0.421	7.457	11.063	14.817	0.030
EAS-DS	2025-11-23 23:00:00	8.439	22.614	0.425	7.384	11.153	13.870	0.009
EAS-US	2025-11-17 00:00:00	9.110	49.296	0.353	7.299	10.940	18.315	0.022
EAS-US	2025-11-17 01:00:00	9.137	44.876	0.358	7.255	10.926	9.134	0.020
EAS-US	2025-11-17 02:00:00	9.175	35.838	0.363	7.119	10.928	1.993	0.015
EAS-US	2025-11-17 03:00:00	9.202	29.969	0.365	7.137	10.924	0.447	0.013
EAS-US	2025-11-17 04:00:00	9.170	27.290	0.371	7.024	10.937	0.000	0.011
EAS-US	2025-11-17 05:00:00	9.107	26.031	0.375	7.002	10.962	0.000	0.011
EAS-US	2025-11-17 06:00:00	9.070	26.792	0.372	7.016	10.969	0.000	0.011
EAS-US	2025-11-17 07:00:00	9.022	26.311	0.373	7.046	11.013	0.968	0.011
EAS-US	2025-11-17 08:00:00	8.974	25.371	0.374	6.964	11.010	0.000	0.010
EAS-US	2025-11-17 09:00:00	8.911	23.954	0.383	6.864	11.046	0.000	0.010
EAS-US	2025-11-17 10:00:00	8.891	21.900	0.372	6.916	11.071	0.000	0.009
EAS-US	2025-11-17 11:00:00	8.866	22.010	0.374	6.917	11.074	0.000	0.009
EAS-US	2025-11-17 12:00:00	8.838	21.628	0.373	6.902	11.097	0.000	0.009
EAS-US	2025-11-17 13:00:00	8.817	20.848	0.376	6.879	11.111	0.000	0.008
EAS-US	2025-11-17 14:00:00	8.823	20.650	0.374	6.886	11.106	0.000	0.008
EAS-US	2025-11-17 15:00:00	8.873	19.957	0.378	6.856	11.110	0.000	0.008
EAS-US	2025-11-17 16:00:00	8.849	19.987	0.379	6.810	11.112	0.000	0.008
EAS-US	2025-11-17 17:00:00	8.784	19.657	0.377	6.882	11.125	0.000	0.008
EAS-US	2025-11-17 18:00:00	8.735	19.941	0.381	6.756	11.145	0.000	0.008
EAS-US	2025-11-17 19:00:00	8.699	19.788	0.378	6.890	11.163	0.000	0.008
EAS-US	2025-11-17 20:00:00	8.628	19.853	0.378	6.840	11.189	0.000	0.008
EAS-US	2025-11-17 21:00:00	8.571	19.439	0.382	6.786	11.218	0.000	0.008
EAS-US	2025-11-17 22:00:00	8.528	19.650	0.380	6.817	11.225	0.000	0.008
EAS-US	2025-11-17 23:00:00	8.470	19.277	0.377	6.896	11.234	0.000	0.008
EAS-US	2025-11-18 00:00:00	8.346	19.493	0.381	6.814	11.276	0.000	0.008
EAS-US	2025-11-18 01:00:00	8.232	19.156	0.388	6.716	11.314	0.000	0.008
EAS-US	2025-11-18 02:00:00	8.180	17.962	0.374	6.903	11.340	0.000	0.007
EAS-US	2025-11-18 03:00:00	8.205	19.062	0.378	6.848	11.341	0.000	0.007
EAS-US	2025-11-18 04:00:00	8.197	19.099	0.377	6.818	11.340	0.000	0.007
EAS-US	2025-11-18 05:00:00	8.160	18.944	0.383	6.796	11.328	0.044	0.007
EAS-US	2025-11-18 06:00:00	8.152	19.034	0.381	6.823	11.355	0.000	0.007
EAS-US	2025-11-18 07:00:00	8.145	18.931	0.382	6.835	11.354	0.000	0.007
EAS-US	2025-11-18 08:00:00	8.140	17.729	0.378	6.854	11.381	0.000	0.007
EAS-US	2025-11-18 09:00:00			0.380	6.847	11.373	0.000	
EAS-US	2025-11-18 10:00:00							
EAS-US	2025-11-18 11:00:00	8.286	18.736	0.376	6.834	11.369	0.000	0.007
EAS-US	2025-11-18 12:00:00	8.360	18.933	0.380	6.804	11.357	0.000	0.007
EAS-US	2025-11-18 13:00:00	8.395	18.597	0.377	6.931	11.342	0.000	0.007
EAS-US	2025-11-18 14:00:00	8.421	18.866	0.380	6.834	11.332	0.000	0.007
EAS-US	2025-11-18 15:00:00	8.404	18.562	0.378	6.889	11.333	0.000	0.007
EAS-US	2025-11-18 16:00:00	8.349	18.863	0.380	6.841	11.358	0.000	0.007
EAS-US	2025-11-18 17:00:00	8.303	18.630	0.378	6.881	11.359	0.000	0.007
EAS-US	2025-11-18 18:00:00							
EAS-US	2025-11-18 19:00:00	8.173	18.668	0.381	6.834	11.398	0.000	0.007
EAS-US	2025-11-18 20:00:00	8.103	18.935	0.387	6.755	11.422	0.000	0.007
EAS-US	2025-11-18 21:00:00	8.013	18.615	0.381	6.875	11.454	0.000	0.007
EAS-US	2025-11-18 22:00:00	7.949	18.874	0.382	6.816	11.465	0.000	0.007
EAS-US	2025-11-18 23:00:00	7.913	18.584	0.380	6.874	11.484	0.000	0.007

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	2025-11-19 00:00:00	7.892	18.850	0.386	6.773	11.492	0.000	0.007
EAS-US	2025-11-19 01:00:00	7.798	18.545	0.383	6.834	11.499	0.000	0.007
EAS-US	2025-11-19 02:00:00	7.703	18.756	0.383	6.818	11.531	0.000	0.007
EAS-US	2025-11-19 03:00:00	7.578	18.432	0.380	6.897	11.559	0.000	0.007
EAS-US	2025-11-19 04:00:00			0.385	6.804	11.573	0.000	
EAS-US	2025-11-19 05:00:00	7.487	18.416	0.381	6.893	11.571	0.000	0.007
EAS-US	2025-11-19 06:00:00	7.444	18.662	0.384	6.808	11.581	0.000	0.007
EAS-US	2025-11-19 07:00:00	7.396	18.353	0.379	6.879	11.567	0.000	0.007
EAS-US	2025-11-19 08:00:00	7.315	18.600	0.382	6.808	11.608	0.000	0.007
EAS-US	2025-11-19 09:00:00							
EAS-US	2025-11-19 10:00:00	7.518	18.338	0.374	6.960	11.566	0.000	0.007
EAS-US	2025-11-19 11:00:00	7.684	18.203	0.373	6.928	11.512	0.000	0.007
EAS-US	2025-11-19 12:00:00	7.919	18.421	0.376	6.829	11.436	0.000	0.007
EAS-US	2025-11-19 13:00:00	8.044	18.077	0.375	6.913	11.370	0.000	0.007
EAS-US	2025-11-19 14:00:00	8.089	18.315	0.374	6.878	11.349	0.000	0.007
EAS-US	2025-11-19 15:00:00	8.093	18.020	0.378	6.913	11.316	0.000	0.007
EAS-US	2025-11-19 16:00:00	7.977	18.322	0.390	6.823	11.332	0.000	0.007
EAS-US	2025-11-19 17:00:00	7.850	18.028	0.394	6.892	11.352	0.000	0.007
EAS-US	2025-11-19 18:00:00	7.745	18.322	0.397	6.931	11.395	0.000	0.007
EAS-US	2025-11-19 19:00:00	7.670	18.134	0.390	6.896	11.408	0.000	0.007
EAS-US	2025-11-19 20:00:00	7.606	18.443	0.412	6.758	11.438	0.000	0.007
EAS-US	2025-11-19 21:00:00							
EAS-US	2025-11-19 22:00:00			0.414	6.742	11.450	0.000	
EAS-US	2025-11-19 23:00:00	7.540	18.167	0.417	6.821	11.458	0.000	0.007
EAS-US	2025-11-20 00:00:00	7.561	18.446	0.410	6.808	11.452	0.000	0.007
EAS-US	2025-11-20 01:00:00	7.572	18.172	0.404	6.876	11.451	0.000	0.007
EAS-US	2025-11-20 02:00:00	7.595	18.455	0.402	6.835	11.441	0.000	0.007
EAS-US	2025-11-20 03:00:00			0.400	6.814	11.456	0.000	
EAS-US	2025-11-20 04:00:00	7.586	18.463	0.401	6.830	11.461	0.000	0.007
EAS-US	2025-11-20 05:00:00	7.552	18.320	0.397	6.814	11.475	0.223	0.007
EAS-US	2025-11-20 06:00:00	7.539	17.233	0.388	7.009	11.492	0.000	0.007
EAS-US	2025-11-20 07:00:00	7.559	18.230	0.391	6.882	11.499	0.000	0.007
EAS-US	2025-11-20 08:00:00	7.575	18.564	0.392	6.828	11.503	0.000	0.007
EAS-US	2025-11-20 09:00:00	7.593	18.209	0.389	6.894	11.502	0.000	0.007
EAS-US	2025-11-20 10:00:00	7.637	18.536	0.394	6.721	11.504	0.000	0.007
EAS-US	2025-11-20 11:00:00							
EAS-US	2025-11-20 12:00:00	7.764	18.235	0.375	6.999	11.454	0.000	0.007
EAS-US	2025-11-20 13:00:00	7.812	18.229	0.378	6.899	11.468	0.000	0.007
EAS-US	2025-11-20 14:00:00	7.873	18.502	0.380	6.848	11.459	0.000	0.007
EAS-US	2025-11-20 15:00:00	7.883	18.223	0.383	6.851	11.424	0.000	0.007
EAS-US	2025-11-20 16:00:00	7.884	18.530	0.383	6.830	11.425	0.000	0.007
EAS-US	2025-11-20 17:00:00							
EAS-US	2025-11-20 18:00:00	7.926	18.553	0.386	6.809	11.421	0.000	0.007
EAS-US	2025-11-20 19:00:00	7.924	18.296	0.383	6.888	11.414	0.000	0.007
EAS-US	2025-11-20 20:00:00	7.925	18.618	0.385	6.811	11.426	0.000	0.007
EAS-US	2025-11-20 21:00:00	7.909	18.343	0.381	6.892	11.439	0.000	0.007
EAS-US	2025-11-20 22:00:00	7.888	18.670	0.383	6.823	11.431	0.000	0.007
EAS-US	2025-11-20 23:00:00	7.875	18.398	0.381	6.890	11.439	0.000	0.007
EAS-US	2025-11-21 00:00:00	7.904	18.610	0.376	6.962	11.431	14.112	0.007
EAS-US	2025-11-21 01:00:00	7.947	18.384	0.380	6.872	11.425	0.000	0.007
EAS-US	2025-11-21 02:00:00	8.010	18.970	0.384	6.819	11.405	0.000	0.007
EAS-US	2025-11-21 03:00:00			0.380	6.908	11.395	0.000	
EAS-US	2025-11-21 04:00:00	8.045	19.405	0.382	6.868	11.396	0.000	0.008
EAS-US	2025-11-21 05:00:00	8.071	19.474	0.378	6.935	11.387	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	2025-11-21 06:00:00	8.075	21.211	0.382	6.896	11.387	0.000	0.008
EAS-US	2025-11-21 07:00:00	8.120	22.031	0.377	6.985	11.355	0.000	0.009
EAS-US	2025-11-21 08:00:00	8.138	22.703	0.369	7.033	11.362	0.000	0.009
EAS-US	2025-11-21 09:00:00	8.159	24.025	0.371	6.982	11.359	0.000	0.010
EAS-US	2025-11-21 10:00:00	8.197	25.228	0.370	7.005	11.364	0.000	0.010
EAS-US	2025-11-21 11:00:00	8.240	27.463	0.368	7.026	11.380	0.354	0.011
EAS-US	2025-11-21 12:00:00	8.272	30.761	0.358	7.186	11.383	3.667	0.013
EAS-US	2025-11-21 13:00:00	8.313	38.575	0.352	7.240	11.365	4.505	0.017
EAS-US	2025-11-21 14:00:00	8.342	40.618	0.351	7.257	11.336	3.250	0.018
EAS-US	2025-11-21 15:00:00	8.373	39.698	0.349	7.296	11.332	2.022	0.017
EAS-US	2025-11-21 16:00:00	8.382	35.174	0.360	7.180	11.325	0.549	0.015
EAS-US	2025-11-21 17:00:00	8.384	32.304	0.366	7.116	11.326	2.033	0.014
EAS-US	2025-11-21 18:00:00	8.390	29.672	0.366	7.094	11.316	0.000	0.012
EAS-US	2025-11-21 19:00:00	8.400	27.688	0.367	7.085	11.330	0.000	0.012
EAS-US	2025-11-21 20:00:00	8.405	24.872	0.368	7.079	11.313	0.000	0.010
EAS-US	2025-11-21 21:00:00	8.414	25.839	0.369	7.022	11.308	0.000	0.011
EAS-US	2025-11-21 22:00:00	8.422	25.084	0.362	7.124	11.297	0.000	0.010
EAS-US	2025-11-21 23:00:00	8.421	31.461	0.364	7.064	11.301	2.630	0.013
EAS-US	2025-11-22 00:00:00	8.438	39.666	0.353	7.219	11.301	4.572	0.017
EAS-US	2025-11-22 01:00:00	8.465	52.414	0.340	7.392	11.281	14.378	0.023
EAS-US	2025-11-22 02:00:00	8.501	52.273	0.335	7.447	11.276	8.042	0.023
EAS-US	2025-11-22 03:00:00	8.550	59.898	0.336	7.418	11.270	11.035	0.027
EAS-US	2025-11-22 04:00:00	8.594	55.147	0.337	7.374	11.242	9.432	0.025
EAS-US	2025-11-22 05:00:00	8.639	55.154	0.339	7.421	11.216	5.621	0.025
EAS-US	2025-11-22 06:00:00			0.347	7.350	11.200	11.207	
EAS-US	2025-11-22 07:00:00	8.787	54.150	0.345	7.372	11.186	11.709	0.024
EAS-US	2025-11-22 08:00:00	8.887	53.700	0.347	7.352	11.158	13.182	0.024
EAS-US	2025-11-22 09:00:00			0.350	7.391	11.140	18.027	
EAS-US	2025-11-22 10:00:00	9.038	54.020	0.355	7.326	11.115	43.649	0.024
EAS-US	2025-11-22 11:00:00	9.094	48.734	0.357	7.324	11.105	7.049	0.022
EAS-US	2025-11-22 12:00:00	9.131	43.760	0.365	7.202	11.108	4.059	0.019
EAS-US	2025-11-22 13:00:00	9.177	41.441	0.363	7.252	11.082	2.330	0.018
EAS-US	2025-11-22 14:00:00	9.194	38.618	0.368	7.159	11.058	4.636	0.017
EAS-US	2025-11-22 15:00:00	9.200	37.726	0.363	7.215	11.071	2.757	0.016
EAS-US	2025-11-22 16:00:00	9.232	43.239	0.362	7.217	11.051	4.775	0.019
EAS-US	2025-11-22 17:00:00	9.277	50.987	0.357	7.331	11.050	18.328	0.023
EAS-US	2025-11-22 18:00:00	9.267	45.782	0.360	7.226	11.048	3.387	0.020
EAS-US	2025-11-22 19:00:00	9.274	39.092	0.357	7.195	11.054	2.381	0.017
EAS-US	2025-11-22 20:00:00	9.292	40.167	0.353	7.172	11.035	6.547	0.018
EAS-US	2025-11-22 21:00:00	9.337	44.123	0.347	7.309	11.023	6.107	0.019
EAS-US	2025-11-22 22:00:00	9.318	42.273	0.339	7.306	11.031	6.910	0.019
EAS-US	2025-11-22 23:00:00	9.307	35.583	0.351	7.175	11.032	1.904	0.015
EAS-US	2025-11-23 00:00:00	9.292	32.984	0.358	7.091	11.037	7.850	0.014
EAS-US	2025-11-23 01:00:00			0.360	7.120	11.045	1.166	
EAS-US	2025-11-23 02:00:00	9.236	29.271	0.364	7.036	11.049	0.497	0.012
EAS-US	2025-11-23 03:00:00			0.369	7.033	11.049	1.413	
EAS-US	2025-11-23 04:00:00	9.175	26.330	0.376	6.963	11.045	0.331	0.011
EAS-US	2025-11-23 05:00:00	9.151	25.250	0.370	7.026	11.062	0.000	0.010
EAS-US	2025-11-23 06:00:00	9.123	24.474	0.377	6.909	11.074	0.000	0.010
EAS-US	2025-11-23 07:00:00	9.068	23.905	0.373	6.968	11.076	0.867	0.010
EAS-US	2025-11-23 08:00:00	8.845	23.373	0.379	6.878	11.150	0.792	0.010
EAS-US	2025-11-23 09:00:00	8.814	22.867	0.374	6.957	11.175	0.380	0.009
EAS-US	2025-11-23 10:00:00			0.374	6.921	11.172	0.000	
EAS-US	2025-11-23 11:00:00	8.993	22.063	0.376	6.895	11.154	0.000	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	2025-11-23 12:00:00	9.082	21.659	0.376	6.861	11.129	0.000	0.009
EAS-US	2025-11-23 13:00:00	9.137	21.306	0.369	6.943	11.118	0.000	0.009
EAS-US	2025-11-23 14:00:00	9.061	21.075	0.377	6.860	11.116	0.000	0.008
EAS-US	2025-11-23 15:00:00	8.950	20.969	0.378	6.826	11.138	0.000	0.008
EAS-US	2025-11-23 16:00:00	8.819	20.857	0.380	6.841	11.186	0.000	0.008
EAS-US	2025-11-23 17:00:00	8.699	20.783	0.376	6.913	11.204	0.000	0.008
EAS-US	2025-11-23 18:00:00	8.568	20.713	0.380	6.868	11.246	0.000	0.008
EAS-US	2025-11-23 19:00:00	8.460	20.606	0.376	6.924	11.275	0.000	0.008
EAS-US	2025-11-23 20:00:00	8.378	20.491	0.379	6.860	11.306	0.000	0.008
EAS-US	2025-11-23 21:00:00	8.279	20.382	0.377	6.897	11.318	0.000	0.008
EAS-US	2025-11-23 22:00:00	8.203	20.241	0.378	6.868	11.336	0.000	0.008
EAS-US	2025-11-23 23:00:00	8.150	20.113	0.378	6.902	11.366	0.000	0.008


80
60
40
20
0
17-Nov
18-Nov
19-Nov
20-Nov
21-Nov
22-Nov
23-Nov
24-No
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:**	November 18, 2025
Site Name:	East Creek			**Time:**	9:25
Site UTM:	Zone:	E:		**Crew:**	WS
(NAD83)		N:		**Weather:**	Cloudy

In Situ Parameters

pH:	7.32		DO:	-	(mg/L)
Temp.:	9.2	(°C)	Cond:	128.4	(us)
Turbidity:	1.62	NTU	Salinity:	0.06	(ppt)
Visible Sheen:	N		ORP:	37.1	(mV)

Water Surface Condition: Clear

Photo Record

Photo

Photo

Photo

Observations

Water Quality Field Data Sheet

Project: FORTIS11234

Location Information

Site ID:	WLNG (EAS) US			**Date:**	November 18, 2025
Site Name:	East Creek			**Time:**	9:46
Site UTM:	Zone:	E:		**Crew:**	WS
(NAD83)		N:		**Weather:**	Cloudy

In Situ Parameters

pH:	7.46		DO:	-	(mg/L)
Temp.:	8.1	(°C)	Cond:	62	(us)
Turbidity:	1.92	NTU	Salinity:	0.03	(ppt)
Visible Sheen:	None		ORP:	27.8	
Water Surface Condition:		Clear			

Photo Record

Photo

Photo

Photo

Observations

Appendix E: Lab Documentation

RESULTS OF RAINBOW TROUT LC50 MULTI-CONCENTRATION

Client : 12239 Fortis BC Energy Inc, Surrey Job Number: C594836

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

Test Result:

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

Sample Name : WLNG -EOP

Description:	Clear and colourless			Sample Number:	DXC039-13
Sample Collected:	Nov 18, 2025 09:04 AM	Sampling Method :	N/A	Site Collection:	N/A
Sample Collected By:	N/A	Volume Received:	4 x ECO10	Avg Temp Arrival:	10 °C Storage: 2-6°C
Sample Received:	Nov 18, 2025 03:48 PM	pH:	7.5	Dissolved Oxygen:	10.6 mg/L
Analysis Start :	Nov 21, 2025 12:40 PM	Temperature :	14 °C	Sample Conductance:	153 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	14	10.2	9.9	7.6	7.7	49	0	0	0
6.25	14	15	10.3	9.9	7.6	7.5	56	0	0	0
12.5	14	15	10.2	9.9	7.6	7.5	61	0	0	0
25	14	15	10.3	9.8	7.6	7.5	76	0	0	0
50	14	15	10.3	9.9	7.6	7.6	102	0	0	0
100	14	15	10.3	9.9	7.7	7.8	153	0	0	0

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

Culture/Control/Dilution Water Burnaby Municipal Dechlorinated Water

Hardness: 20 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 ± 0.2 g	Length (Mean) +- SD :	3.79 ± 0.36 cm
Culture Water Renewal :	≥ 1L/min/kg fish	Weight (Range) :	0.3 – 0.7 g	Length (Range) :	3.30 – 4.50 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: Nov 13, 2025

Test Endpoint 96 hrs LC50 (95% confidence interval) : 0.29 (0.21, 0.41)mg/L Statistical Method : Probit

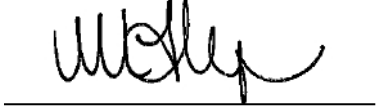
Historical Mean LC50 (warning limits) : 0.23 (0.12, 0.45) mg/L Concentration : 0,0.04,0.08,0.16,0.32,0.64 mg/L

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

Method Deviations : None.

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

Analyst : Melanie Mazziotti, Melissa Thompson, Navpreet Shergill



Verified By : Melissa Thompson, Scientist Date: Dec 02, 2025 12:58 PM

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 118590

Attention: Saeesh Mangwani

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

Report Date: 2025/12/02
Report #: R3738680
Version: 2 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C594836
Received: 2025/11/18, 15:48

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	2025/11/19	BBY6SOP-00026	SM 24 2320 B m
Chloride/Sulphate by Auto Colourimetry	8	N/A	2025/11/20	BBY6SOP-00011 / BBY6SOP-00017	SM24-4500-Cl/SO4-E m
Chromium III (Calc'd)	8	N/A	2025/11/24		
Total Hexavalent Chromium	8	N/A	2025/11/24	BBY6SOP-00054	SM 24 3500-Cr B m
Carbon (DOC) -Lab Filtered (2)	8	N/A	2025/11/25	BBY6SOP-00053	SM 24 5310 B m
Fluoride	7	N/A	2025/11/19	BBY6SOP-00037	SM 24 4500-F C m
Fluoride	1	N/A	2025/11/20	BBY6SOP-00037	SM 24 4500-F C m
Glycols in Water by GC/FID (1)	2	N/A	2025/11/24	CAL SOP-00093	BCMOE Glycols 09/17
Sulphide (as H2S) (1)	8	N/A	2025/11/25		Auto Calc
Un-ionized Hydrogen Sulphide as S Calc	6	N/A	2025/11/25	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (3)	8	N/A	2025/11/21	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3)	8	N/A	2025/11/24	BBY WI-00033	Auto Calc
Mercury (Dissolved) by CV-Lab Filtered	8	2025/11/21	2025/11/24	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Total) by CV	8	2025/11/21	2025/11/21	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Bromide as Bromine (Br) by ICPMS	8	N/A	2025/11/21	BBY7SOP-00002	EPA 6020B R2 m
EPH in Water when PAH required	2	2025/11/21	2025/11/21	BBY8SOP-00029	BCMOE BCLM Sep2017 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	8	N/A	2025/11/24	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (lab filter) (4)	5	N/A	2025/11/21	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Low Level (lab filter) (4)	3	N/A	2025/11/22	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Digested LL (total)	5	2025/11/20	2025/11/21	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total)	8	N/A	2025/11/21	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total)	3	N/A	2025/11/20	BBY7SOP-00002	EPA 6020b R2 m
Nitrogen (Total)	8	N/A	2025/11/24	BBY6SOP-00016	SM 24 4500-N C m
Ammonia-N (Total)	3	N/A	2025/11/20	AB SOP-00007	SM 24 4500 NH3 A G m
Ammonia-N (Total)	5	N/A	2025/11/21	AB SOP-00007	SM 24 4500 NH3 A G m
Nitrate + Nitrite (N)	8	N/A	2025/11/19	BBY6SOP-00010	SM 24 4500-NO3- H m
Nitrite (N) Regular Level Water	8	N/A	2025/11/19	BBY6SOP-00010	SM 24 4500-NO2- m
Nitrogen - Nitrate (as N)	3	N/A	2025/11/19	BBY WI-00033	Auto Calc
Nitrogen - Nitrate (as N)	5	N/A	2025/11/20	BBY WI-00033	Auto Calc

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 118590

Attention: Saeesh Mangwani

HATFIELD CONSULTANTS
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Report Date: 2025/12/02
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CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C594836
Received: 2025/11/18, 15:48

Sample Matrix: Water
Samples Received: 8

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
PAH in Water by GC/MS (SIM)	1	2025/11/21	2025/11/21	BBY8SOP-00021	BCMOE BCLM Jul2017m
PAH in Water by GC/MS (SIM)	1	2025/11/21	2025/11/22	BBY8SOP-00021	BCMOE BCLM Jul2017m
Total LMW, HMW, Total PAH Calc (5)	2	N/A	2025/11/24	BBY WI-00033	Auto Calc
pH @25°C (6)	8	N/A	2025/11/19	BBY6SOP-00026	SM 24 4500-H+ B m
Phenols (4-AAP) (1)	2	N/A	2025/11/21	AB SOP-00088	EPA 9066 R0 m
Rainbow Trout LC50 Multi-concentration	1	N/A	2025/11/21	BBY2SOP-00004	EPS1/RM/13(2nd)&RM/9
Total Sulphide (1)	8	2025/11/24	2025/11/25	AB SOP-00080	SM 24 4500 S2-A D Fm
Total Dissolved Solids (Filt. Residue)	8	2025/11/19	2025/11/20	BBY6SOP-00033	SM 24 2540 C m
EPH less PAH in Water by GC/FID (7)	2	N/A	2025/11/24	BBY WI-00033	Auto Calc
Carbon (Total Organic) (8)	8	N/A	2025/11/20	BBY6SOP-00053	SM 24 5310 B m
Total Phosphorus Low Level Total	8	2025/11/20	2025/11/21	BBY6SOP-00013	SM 24 4500-P E m
Total Suspended Solids (NFR)	8	2025/11/19	2025/11/20	BBY6SOP-00034	SM 24 2540 D m
Field pH	6	N/A	2025/11/19	Field Test	Field Test
Field Temperature	6	N/A	2025/11/19	Field Test	Field Test
VOCs, VH, F1, LH in Water by HS GC/MS	2	N/A	2025/11/21	BBY8SOP-00009 / BBY8SOP-00011 / BBY8SOP-00012	BCMOE BCLM Jul2017 m
Volatile HC-BTEX (9)	2	N/A	2025/11/24	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

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Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 118590

Attention: Saeesh Mangwani

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

Report Date: 2025/12/02
Report #: R3738680
Version: 2 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C594836
Received: 2025/11/18, 15:48
customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.
Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.
This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.
(1) This test was performed by Bureau Veritas Calgary, 4000 - 19 St. , Calgary, AB, T2E 6P8
(2) DOC present in the sample should be considered as non-purgeable DOC. Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.
(3) "Total Hardness" was calculated from Total Ca and Mg concentrations and may be biased high (Hardness, or Dissolved Hardness, calculated from Dissolved Ca and Mg, should be used for compliance if available).
(4) 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.

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

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DXC038			DXC038			DXC039		
Sampling Date		2025/11/18 09:25			2025/11/18 09:25			2025/11/18 09:04		
COC Number		118590			118590			118590		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	ND	0.0050	C163828				ND	0.0050	C163828
Calculated Parameters										
Total Chromium III	mg/L	ND	0.00099	C162726				0.0014	0.00099	C162726
Dissolved Hardness (CaCO3)	mg/L	29.0	0.50	C161803				59.3	0.50	C161803
Total Hardness (CaCO3)	mg/L	31.2	0.50	C161801				60.7	0.50	C161801
Nitrate (N)	mg/L	ND	0.020	C161743				ND	0.020	C161743
Sulphide (as H2S)	mg/L	0.0061	0.0020	C162697				ND	0.0020	C162697
Field Parameters										
Field pH	pH	7.32	N/A	ONSITE				7.21	N/A	ONSITE
Field Temperature	°C	9.2	N/A	ONSITE				10.5	N/A	ONSITE
Misc. Inorganics										
pH	pH	7.18	N/A	C163373				7.57	N/A	C163373
Total Organic Carbon (C)	mg/L	2.7	0.50	C165058				2.5	0.50	C165058
Total Dissolved Solids	mg/L	44	10	C163696				120	10	C163696
Total Suspended Solids	mg/L	ND	1.0	C163017				ND	1.0	C163018
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	1.8	0.50	C172717	1.8	0.50	C172717	1.6	0.50	C172717
Anions										
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	C163368				ND	1.0	C163368
Alkalinity (Total as CaCO3)	mg/L	26	1.0	C163368				53	1.0	C163368
Bicarbonate (HCO3)	mg/L	32	1.0	C163368				64	1.0	C163368
Carbonate (CO3)	mg/L	ND	1.0	C163368				ND	1.0	C163368
Fluoride (F)	mg/L	0.14	0.050	C163544				0.31	0.050	C163544
Hydroxide (OH)	mg/L	ND	1.0	C163368				ND	1.0	C163368
Total Sulphide	mg/L	0.0057	0.0018	C172782				ND	0.0018	C172782
Chloride (Cl)	mg/L	3.6	1.0	C164455				8.0	1.0	C164455
Sulphate (SO4)	mg/L	5.7	1.0	C164455				11	1.0	C164455

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 #: C594836
Report Date: 2025/12/02

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		DXC038			DXC038			DXC039		
Sampling Date		2025/11/18 09:25			2025/11/18 09:25			2025/11/18 09:04		
COC Number		118590			118590			118590		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	RDL	QC Batch
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	C172783	ND	0.00099	C172783	ND	0.00099	C172783
Nutrients										
Total Ammonia (N)	mg/L	ND	0.015	C165383	ND	0.015	C165383	ND	0.015	C165383
Total Phosphorus (P)	mg/L	0.016	0.0010	C164702				0.0023	0.0010	C164702
Nitrate plus Nitrite (N)	mg/L	ND	0.020	C163829				ND	0.020	C163829
Total Nitrogen (N)	mg/L	0.093	0.020	C171091				0.125	0.020	C171154
Misc. Organics										
Phenols	mg/L							ND	0.0015	C171536
Rainbow Trout										
LC50	% vol/vol							ATTACHED	N/A	C171515

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Bureau Veritas Job #: C594836
Report Date: 2025/12/02

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		DXC039			DXC040			DXC040		
Sampling Date		2025/11/18 09:04			2025/11/18 09:46			2025/11/18 09:46		
COC Number		118590			118590			118590		
	UNITS	WLNG -EOP Lab-Dup	RDL	QC Batch	WLNG-US	RDL	QC Batch	WLNG-US Lab-Dup	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L				ND	0.0050	C163828			
Calculated Parameters										
Total Chromium III	mg/L				ND	0.00099	C162726			
Dissolved Hardness (CaCO3)	mg/L				5.68	0.50	C161803			
Total Hardness (CaCO3)	mg/L				5.77	0.50	C161801			
Nitrate (N)	mg/L				ND	0.020	C161743			
Sulphide (as H2S)	mg/L				ND	0.0020	C162697			
Field Parameters										
Field pH	pH				7.46	N/A	ONSITE			
Field Temperature	°C				8.1	N/A	ONSITE			
Misc. Inorganics										
pH	pH				6.53	N/A	C163373			
Total Organic Carbon (C)	mg/L				2.9	0.50	C165058			
Total Dissolved Solids	mg/L				36	10	C163696	36	10	C163696
Total Suspended Solids	mg/L				ND	1.0	C163018			
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L				2.2	0.50	C172717			
Anions										
Alkalinity (PP as CaCO3)	mg/L				ND	1.0	C163368			
Alkalinity (Total as CaCO3)	mg/L				4.7	1.0	C163368			
Bicarbonate (HCO3)	mg/L				5.8	1.0	C163368			
Carbonate (CO3)	mg/L				ND	1.0	C163368			
Fluoride (F)	mg/L				ND	0.050	C163628			
Hydroxide (OH)	mg/L				ND	1.0	C163368			
Total Sulphide	mg/L				ND	0.0018	C172782			
Chloride (Cl)	mg/L				ND	1.0	C164455			
Sulphate (SO4)	mg/L				1.1	1.0	C164455			

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 #: C594836
Report Date: 2025/12/02

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		DXC039			DXC040			DXC040		
Sampling Date		2025/11/18 09:04			2025/11/18 09:46			2025/11/18 09:46		
COC Number		118590			118590			118590		
	UNITS	WLNG -EOP Lab-Dup	RDL	QC Batch	WLNG-US	RDL	QC Batch	WLNG-US Lab-Dup	RDL	QC Batch
Metals										
Total Hex. Chromium (Cr 6+)	mg/L				ND	0.00099	C172783			
Nutrients										
Total Ammonia (N)	mg/L				ND	0.015	C165383			
Total Phosphorus (P)	mg/L				0.046	0.0010	C164702			
Nitrate plus Nitrite (N)	mg/L				ND	0.020	C163829			
Total Nitrogen (N)	mg/L				0.090	0.020	C171154			
Misc. Organics										
Phenols	mg/L	ND	0.0015	C171536						

RDL = Reportable Detection Limit
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Bureau Veritas Job #: C594836
Report Date: 2025/12/02

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		DXC041		DXC042			DXC043		
Sampling Date		2025/11/18 13:36		2025/11/18 13:54			2025/11/18		
COC Number		118590		118590			118590		
	UNITS	SQRI-US	QC Batch	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch
ANIONS									
Nitrite (N)	mg/L	0.0056	C163834	ND	0.0050	C163441	ND	0.0050	C163441
Calculated Parameters									
Total Chromium III	mg/L	ND	C162726	ND	0.00099	C162726	ND	0.00099	C162726
Dissolved Hardness (CaCO3)	mg/L	13.6	C161803	13.0	0.50	C161803	ND	0.50	C161803
Total Hardness (CaCO3)	mg/L	13.9	C161801	14.0	0.50	C161801	ND	0.50	C161801
Nitrate (N)	mg/L	0.081	C161743	0.073	0.020	C161743	ND	0.020	C161743
Sulphide (as H2S)	mg/L	ND	C162697	ND	0.0020	C162697	ND	0.0020	C162697
Field Parameters									
Field pH	pH	7.20	ONSITE	7.29	N/A	ONSITE			
Field Temperature	°C	7.3	ONSITE	6.6	N/A	ONSITE			
Misc. Inorganics									
pH	pH	6.63	C163373	6.69	N/A	C163373	5.83	N/A	C163373
Total Organic Carbon (C)	mg/L	2.7	C165058	2.5	0.50	C165058	ND	0.50	C165058
Total Dissolved Solids	mg/L	32	C163696	44	10	C163696	ND	10	C163696
Total Suspended Solids	mg/L	21	C163018	16	1.0	C163018	ND	1.0	C163018
Lab Filtered Inorganics									
Dissolved Organic Carbon (C)	mg/L	2.0	C172717	2.0	0.50	C172717	ND	0.50	C172717
Anions									
Alkalinity (PP as CaCO3)	mg/L	ND	C163368	ND	1.0	C163368	ND	1.0	C163368
Alkalinity (Total as CaCO3)	mg/L	12	C163368	11	1.0	C163368	ND	1.0	C163368
Bicarbonate (HCO3)	mg/L	14	C163368	14	1.0	C163368	ND	1.0	C163368
Carbonate (CO3)	mg/L	ND	C163368	ND	1.0	C163368	ND	1.0	C163368
Fluoride (F)	mg/L	ND	C163544	ND	0.050	C163544	ND	0.050	C163544
Hydroxide (OH)	mg/L	ND	C163368	ND	1.0	C163368	ND	1.0	C163368
Total Sulphide	mg/L	ND	C172782	ND	0.0018	C172782	ND	0.0018	C172782
Chloride (Cl)	mg/L	1.1	C164455	ND	1.0	C164455	ND	1.0	C164455
Sulphate (SO4)	mg/L	3.1	C164455	3.1	1.0	C164455	ND	1.0	C164455

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 #: C594836
Report Date: 2025/12/02

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		DXC041		DXC042			DXC043		
Sampling Date		2025/11/18 13:36		2025/11/18 13:54			2025/11/18		
COC Number		118590		118590			118590		
	UNITS	SQRI-US	QC Batch	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch
Metals									
Total Hex. Chromium (Cr 6+)	mg/L	ND	C172783	ND	0.00099	C172783	ND	0.00099	C172783
Nutrients									
Total Ammonia (N)	mg/L	0.023	C163845	0.019	0.015	C163845	ND	0.015	C165383
Total Phosphorus (P)	mg/L	0.023	C164702	0.020	0.0010	C164702	ND	0.0010	C164702
Nitrate plus Nitrite (N)	mg/L	0.087	C163832	0.073	0.020	C163436	ND	0.020	C163436
Total Nitrogen (N)	mg/L	0.149	C171154	0.136	0.020	C171154	ND	0.020	C171154

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Bureau Veritas Job #: C594836
Report Date: 2025/12/02

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		DXC043			DXC044			DXC044		
Sampling Date		2025/11/18			2025/11/18			2025/11/18		
COC Number		118590			118590			118590		
	UNITS	Field Blank Lab-Dup	RDL	QC Batch	Trip Blank	RDL	QC Batch	Trip Blank Lab-Dup	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L				ND	0.0050	C163441			
Calculated Parameters										
Total Chromium III	mg/L				ND	0.00099	C162726			
Dissolved Hardness (CaCO3)	mg/L				ND	0.50	C161803			
Total Hardness (CaCO3)	mg/L				ND	0.50	C161801			
Nitrate (N)	mg/L				ND	0.020	C161743			
Sulphide (as H2S)	mg/L				ND	0.0020	C162697			
Misc. Inorganics										
pH	pH				5.71	N/A	C163373			
Total Organic Carbon (C)	mg/L				ND	0.50	C165058			
Total Dissolved Solids	mg/L				ND	10	C163696			
Total Suspended Solids	mg/L				ND	1.0	C163018	ND	1.0	C163018
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L				ND	0.50	C172717			
Anions										
Alkalinity (PP as CaCO3)	mg/L				ND	1.0	C163368			
Alkalinity (Total as CaCO3)	mg/L				ND	1.0	C163368			
Bicarbonate (HCO3)	mg/L				ND	1.0	C163368			
Carbonate (CO3)	mg/L				ND	1.0	C163368			
Fluoride (F)	mg/L				ND	0.050	C163544			
Hydroxide (OH)	mg/L				ND	1.0	C163368			
Total Sulphide	mg/L				ND	0.0018	C172782			
Chloride (Cl)	mg/L				ND	1.0	C164455			
Sulphate (SO4)	mg/L				ND	1.0	C164455			
Metals										
Total Hex. Chromium (Cr 6+)	mg/L				ND	0.00099	C172783			

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
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HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DXC043			DXC044			DXC044		
Sampling Date		2025/11/18			2025/11/18			2025/11/18		
COC Number		118590			118590			118590		
	UNITS	Field Blank Lab-Dup	RDL	QC Batch	Trip Blank	RDL	QC Batch	Trip Blank Lab-Dup	RDL	QC Batch
Nutrients										
Total Ammonia (N)	mg/L				ND	0.015	C163845			
Total Phosphorus (P)	mg/L				ND	0.0010	C164702			
Nitrate plus Nitrite (N)	mg/L				ND	0.020	C163436			
Total Nitrogen (N)	mg/L	ND	0.020	C171154	ND	0.020	C171154			

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		DXC045			DXC045		
Sampling Date		2025/11/18 09:04			2025/11/18 09:04		
COC Number		118590			118590		
	UNITS	DUP	RDL	QC Batch	DUP Lab-Dup	RDL	QC Batch
ANIONS							
Nitrite (N)	mg/L	ND (1)	0.0050	C163834	ND	0.0050	C163834
Calculated Parameters							
Total Chromium III	mg/L	ND	0.00099	C162726			
Dissolved Hardness (CaCO3)	mg/L	62.1	0.50	C161803			
Total Hardness (CaCO3)	mg/L	64.6	0.50	C161801			
Nitrate (N)	mg/L	ND	0.020	C161743			
Sulphide (as H2S)	mg/L	ND	0.0020	C162697			
Field Parameters							
Field pH	pH	7.21	N/A	ONSITE			
Field Temperature	°C	10.5	N/A	ONSITE			
Misc. Inorganics							
pH	pH	7.43	N/A	C163373			
Total Organic Carbon (C)	mg/L	2.1	0.50	C165058			
Total Dissolved Solids	mg/L	80	10	C163696			
Total Suspended Solids	mg/L	ND	1.0	C163018			
Lab Filtered Inorganics							
Dissolved Organic Carbon (C)	mg/L	1.6	0.50	C172717			
Anions							
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	C163368			
Alkalinity (Total as CaCO3)	mg/L	52	1.0	C163368			
Bicarbonate (HCO3)	mg/L	63	1.0	C163368			
Carbonate (CO3)	mg/L	ND	1.0	C163368			
Fluoride (F)	mg/L	0.30	0.050	C163544			
Hydroxide (OH)	mg/L	ND	1.0	C163368			
Total Sulphide	mg/L	ND	0.0018	C172782	ND	0.0018	C172782

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
(1) Matrix spike exceeds acceptance limits due to matrix interference.

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

Bureau Veritas Job #: C594836
Report Date: 2025/12/02

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		DXC045			DXC045		
Sampling Date		2025/11/18 09:04			2025/11/18 09:04		
COC Number		118590			118590		
	UNITS	DUP	RDL	QC Batch	DUP Lab-Dup	RDL	QC Batch
Chloride (Cl)	mg/L	8.0	1.0	C164455			
Sulphate (SO4)	mg/L	11	1.0	C164455			
Metals							
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	C172783			
Nutrients							
Total Ammonia (N)	mg/L	ND	0.015	C165383			
Total Phosphorus (P)	mg/L	0.0023	0.0010	C164702			
Nitrate plus Nitrite (N)	mg/L	ND (1)	0.020	C163832	ND	0.020	C163832
Total Nitrogen (N)	mg/L	0.103	0.020	C171154			
Misc. Organics							
Phenols	mg/L	ND	0.0015	C171370	ND	0.0015	C171370

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

(1) Matrix spike exceeds acceptance limits due to matrix interference.

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GLYCOLS BY GC-FID (WATER)

Bureau Veritas ID		DXC039	DXC045	DXC045		
Sampling Date		2025/11/18 09:04	2025/11/18 09:04	2025/11/18 09:04		
COC Number		118590	118590	118590		
	UNITS	WLNG -EOP	DUP	DUP Lab-Dup	RDL	QC Batch
Glycols						
Ethylene Glycol	mg/L	ND	ND	ND	3.0	C172554
Diethylene Glycol	mg/L	ND	ND	ND	5.0	C172554
Triethylene Glycol	mg/L	ND	ND	ND	5.0	C172554
Propylene Glycol	mg/L	ND	ND	ND	5.0	C172554
Surrogate Recovery (%)						
Methyl Sulfone (sur.)	%	100	97	77		C172554

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

MERCURY BY COLD VAPOR (WATER)

Bureau Veritas ID		DXC038	DXC039		DXC040	DXC041	DXC042	DXC043		
Sampling Date		2025/11/18 09:25	2025/11/18 09:04		2025/11/18 09:46	2025/11/18 13:36	2025/11/18 13:54	2025/11/18		
COC Number		118590	118590		118590	118590	118590	118590		
	UNITS	WLNG-DS	WLNG -EOP	QC Batch	WLNG-US	SQRI-US	SQRI-DS	Field Blank	RDL	QC Batch
Elements										
Total Mercury (Hg)	ug/L	0.0039	ND	C171524	0.0050	ND	0.0024	0.0026	0.0019	C171564
Lab Filtered Elements										
Dissolved Mercury (Hg)	ug/L	0.0041	ND	C171571	0.0030	0.0034	0.0033	ND	0.0019	C171571

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

Bureau Veritas ID		DXC044	DXC045		
Sampling Date		2025/11/18	2025/11/18 09:04		
COC Number		118590	118590		
	UNITS	Trip Blank	DUP	RDL	QC Batch
Elements					
Total Mercury (Hg)	ug/L	ND	ND	0.0019	C171564
Lab Filtered Elements					
Dissolved Mercury (Hg)	ug/L	ND	ND	0.0019	C171571

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

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ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DXC038			DXC038			DXC039	DXC040		
Sampling Date		2025/11/18 09:25			2025/11/18 09:25			2025/11/18 09:04	2025/11/18 09:46		
COC Number		118590			118590			118590	118590		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	WLNG-US	RDL	QC Batch
ANIONS											
Bromide (Br)	mg/L	ND	0.010	C165390				ND	ND	0.010	C165390
Dissolved Metals by ICPMS											
Dissolved Calcium (Ca)	mg/L	10.7	0.050	C162047				22.1	1.86	0.050	C162047
Dissolved Magnesium (Mg)	mg/L	0.584	0.050	C162047				1.00	0.251	0.050	C162047
Dissolved Potassium (K)	mg/L	0.508	0.050	C162047				0.975	0.167	0.050	C162047
Dissolved Sodium (Na)	mg/L	2.82	0.050	C162047				4.91	1.15	0.050	C162047
Dissolved Sulphur (S)	mg/L	ND	3.0	C162047				3.6	ND	3.0	C162047
Lab Filtered Metals											
Dissolved Aluminum (Al)	ug/L	77.0	0.50	C171049	76.6	0.50	C171049	88.7	68.1	0.50	C171049
Dissolved Antimony (Sb)	ug/L	0.106	0.020	C171049	0.107	0.020	C171049	0.221	0.023	0.020	C171049
Dissolved Arsenic (As)	ug/L	0.563	0.020	C171049	0.562	0.020	C171049	1.21	0.141	0.020	C171049
Dissolved Barium (Ba)	ug/L	4.35	0.020	C171049	4.34	0.020	C171049	5.97	2.39	0.020	C171049
Dissolved Beryllium (Be)	ug/L	ND	0.010	C171049	ND	0.010	C171049	ND	ND	0.010	C171049
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	C171049	ND	0.0050	C171049	ND	ND	0.0050	C171049
Dissolved Boron (B)	ug/L	ND	10	C171049	ND	10	C171049	10	ND	10	C171049
Dissolved Cadmium (Cd)	ug/L	0.0058	0.0050	C171049	0.0055	0.0050	C171049	0.0093	0.0053	0.0050	C171049
Dissolved Cesium (Cs)	ug/L	ND	0.050	C171049	ND	0.050	C171049	ND	ND	0.050	C171049
Dissolved Chromium (Cr)	ug/L	0.15	0.10	C171049	0.15	0.10	C171049	0.23	ND	0.10	C171049
Dissolved Cobalt (Co)	ug/L	0.0160	0.0050	C171049	0.0158	0.0050	C171049	0.0398	0.0291	0.0050	C171049
Dissolved Copper (Cu)	ug/L	0.445	0.050	C171049	0.437	0.050	C171049	0.567	0.895	0.050	C171049
Dissolved Iron (Fe)	ug/L	9.4	1.0	C171049	9.7	1.0	C171049	4.3	17.2	1.0	C171049
Dissolved Lead (Pb)	ug/L	ND	0.0050	C171049	ND	0.0050	C171049	ND	0.0107	0.0050	C171049
Dissolved Lithium (Li)	ug/L	1.38	0.50	C171049	1.29	0.50	C171049	2.77	ND	0.50	C171049
Dissolved Manganese (Mn)	ug/L	1.61	0.050	C171049	1.59	0.050	C171049	16.6	0.761	0.050	C171049
Dissolved Molybdenum (Mo)	ug/L	13.4	0.050	C171049	13.5	0.050	C171049	30.7	0.330	0.050	C171049
Dissolved Nickel (Ni)	ug/L	0.179	0.020	C171049	0.191	0.020	C171049	0.127	0.259	0.020	C171049
Dissolved Phosphorus (P)	ug/L	10.3	2.0	C171049	10.8	2.0	C171049	ND	35.2	2.0	C171049
Dissolved Rubidium (Rb)	ug/L	0.867	0.050	C171049	0.859	0.050	C171049	1.80	0.206	0.050	C171049
Dissolved Selenium (Se)	ug/L	ND	0.040	C171049	ND	0.040	C171049	ND	ND	0.040	C171049

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ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DXC038			DXC038			DXC039	DXC040		
Sampling Date		2025/11/18 09:25			2025/11/18 09:25			2025/11/18 09:04	2025/11/18 09:46		
COC Number		118590			118590			118590	118590		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	WLNG-US	RDL	QC Batch
Dissolved Silicon (Si)	ug/L	4740	50	C171049	4920	50	C171049	6420	3320	50	C171049
Dissolved Silver (Ag)	ug/L	ND	0.0050	C171049	ND	0.0050	C171049	ND	ND	0.0050	C171049
Dissolved Strontium (Sr)	ug/L	26.0	0.050	C171049	26.0	0.050	C171049	51.5	8.65	0.050	C171049
Dissolved Tellurium (Te)	ug/L	ND	0.020	C171049	ND	0.020	C171049	ND	ND	0.020	C171049
Dissolved Thallium (Tl)	ug/L	0.0047	0.0020	C171049	0.0041	0.0020	C171049	0.0076	ND	0.0020	C171049
Dissolved Thorium (Th)	ug/L	0.0094	0.0050	C171049	0.0077	0.0050	C171049	ND	0.0131	0.0050	C171049
Dissolved Tin (Sn)	ug/L	ND	0.20	C171049	ND	0.20	C171049	ND	ND	0.20	C171049
Dissolved Titanium (Ti)	ug/L	ND	0.50	C171049	ND	0.50	C171049	ND	ND	0.50	C171049
Dissolved Uranium (U)	ug/L	0.621	0.0020	C171049	0.619	0.0020	C171049	1.55	0.120	0.0020	C171049
Dissolved Vanadium (V)	ug/L	ND	0.20	C171049	ND	0.20	C171049	ND	ND	0.20	C171049
Dissolved Zinc (Zn)	ug/L	1.14	0.10	C171049	1.16	0.10	C171049	1.98	1.07	0.10	C171049
Dissolved Zirconium (Zr)	ug/L	ND	0.10	C171049	ND	0.10	C171049	ND	ND	0.10	C171049
Total Metals by ICPMS											
Total Aluminum (Al)	ug/L	154	3.0	C165138				203	107	3.0	C165138
Total Antimony (Sb)	ug/L	0.103	0.020	C165138				0.215	0.025	0.020	C165138
Total Arsenic (As)	ug/L	0.602	0.020	C165138				1.27	0.162	0.020	C165138
Total Barium (Ba)	ug/L	4.33	0.050	C165138				5.88	2.51	0.050	C165138
Total Beryllium (Be)	ug/L	ND	0.010	C165138				ND	ND	0.010	C165138
Total Bismuth (Bi)	ug/L	ND	0.010	C165138				ND	ND	0.010	C165138
Total Boron (B)	ug/L	ND	10	C165138				13	ND	10	C165138
Total Cadmium (Cd)	ug/L	0.0075	0.0050	C165138				0.0103	0.0065	0.0050	C165138
Total Cesium (Cs)	ug/L	ND	0.050	C165138				ND	ND	0.050	C165138
Total Chromium (Cr)	ug/L	0.30	0.10	C165138				1.41	0.11	0.10	C165138
Total Cobalt (Co)	ug/L	0.037	0.010	C165138				0.050	0.039	0.010	C165138
Total Copper (Cu)	ug/L	0.56	0.10	C165138				0.66	0.88	0.10	C165138
Total Iron (Fe)	ug/L	40.0	5.0	C165138				36.9	47.5	5.0	C165138
Total Lead (Pb)	ug/L	0.021	0.020	C165138				0.023	0.042	0.020	C165138
Total Lithium (Li)	ug/L	1.42	0.50	C165138				3.06	ND	0.50	C165138
Total Manganese (Mn)	ug/L	8.64	0.10	C165138				19.7	1.84	0.10	C165138
Total Molybdenum (Mo)	ug/L	13.0	0.050	C165138				30.4	0.320	0.050	C165138

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ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DXC038			DXC038			DXC039	DXC040		
Sampling Date		2025/11/18 09:25			2025/11/18 09:25			2025/11/18 09:04	2025/11/18 09:46		
COC Number		118590			118590			118590	118590		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	WLNG-US	RDL	QC Batch
Total Nickel (Ni)	ug/L	0.25	0.10	C165138				0.16	0.25	0.10	C165138
Total Phosphorus (P)	ug/L	19.0	5.0	C165138				ND	39.7	5.0	C165138
Total Rubidium (Rb)	ug/L	0.827	0.050	C165138				1.80	0.218	0.050	C165138
Total Selenium (Se)	ug/L	ND	0.040	C165138				ND	ND	0.040	C165138
Total Silicon (Si)	ug/L	5130	50	C165138				6790	3390	50	C165138
Total Silver (Ag)	ug/L	ND	0.010	C165138				ND	ND	0.010	C165138
Total Strontium (Sr)	ug/L	24.9	0.050	C165138				50.9	8.54	0.050	C165138
Total Tellurium (Te)	ug/L	ND	0.020	C165138				ND	ND	0.020	C165138
Total Thallium (Tl)	ug/L	0.0035	0.0020	C165138				0.0070	ND	0.0020	C165138
Total Thorium (Th)	ug/L	ND	0.050	C165138				ND	ND	0.050	C165138
Total Tin (Sn)	ug/L	ND	0.20	C165138				ND	ND	0.20	C165138
Total Titanium (Ti)	ug/L	ND	2.0	C165138				ND	ND	2.0	C165138
Total Uranium (U)	ug/L	0.758	0.0050	C165138				1.69	0.127	0.0050	C165138
Total Vanadium (V)	ug/L	ND	0.20	C165138				ND	ND	0.20	C165138
Total Zinc (Zn)	ug/L	1.7	1.0	C165138				2.8	2.1	1.0	C165138
Total Zirconium (Zr)	ug/L	ND	0.10	C165138				ND	ND	0.10	C165138
Total Calcium (Ca)	mg/L	11.5	0.25	C162049				22.6	1.89	0.25	C162049
Total Magnesium (Mg)	mg/L	0.58	0.25	C162049				1.04	0.25	0.25	C162049
Total Potassium (K)	mg/L	0.50	0.25	C162049				0.99	ND	0.25	C162049
Total Sodium (Na)	mg/L	2.80	0.25	C162049				5.22	1.10	0.25	C162049
Total Sulphur (S)	mg/L	ND	3.0	C162049				3.7	ND	3.0	C162049

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ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DXC041	DXC042			DXC043			DXC043		
Sampling Date		2025/11/18 13:36	2025/11/18 13:54			2025/11/18			2025/11/18		
COC Number		118590	118590			118590			118590		
	UNITS	SQRI-US	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
ANIONS											
Bromide (Br)	mg/L	ND	ND	0.010	C165390	ND	0.010	C165390			
Dissolved Metals by ICPMS											
Dissolved Calcium (Ca)	mg/L	4.59	4.40	0.050	C162047	ND	0.050	C162047			
Dissolved Magnesium (Mg)	mg/L	0.508	0.479	0.050	C162047	ND	0.050	C162047			
Dissolved Potassium (K)	mg/L	0.486	0.475	0.050	C162047	ND	0.050	C162047			
Dissolved Sodium (Na)	mg/L	1.51	1.44	0.050	C162047	ND	0.050	C162047			
Dissolved Sulphur (S)	mg/L	ND	ND	3.0	C162047	ND	3.0	C162047			
Lab Filtered Metals											
Dissolved Aluminum (Al)	ug/L	48.9	49.0	0.50	C171049	ND	0.50	C171049			
Dissolved Antimony (Sb)	ug/L	ND	ND	0.020	C171049	ND	0.020	C171049			
Dissolved Arsenic (As)	ug/L	0.064	0.064	0.020	C171049	ND	0.020	C171049			
Dissolved Barium (Ba)	ug/L	6.46	6.48	0.020	C171049	ND	0.020	C171049			
Dissolved Beryllium (Be)	ug/L	ND	ND	0.010	C171049	ND	0.010	C171049			
Dissolved Bismuth (Bi)	ug/L	ND	ND	0.0050	C171049	ND	0.0050	C171049			
Dissolved Boron (B)	ug/L	ND	ND	10	C171049	ND	10	C171049			
Dissolved Cadmium (Cd)	ug/L	0.0082	0.0067	0.0050	C171049	ND	0.0050	C171049			
Dissolved Cesium (Cs)	ug/L	ND	ND	0.050	C171049	ND	0.050	C171049			
Dissolved Chromium (Cr)	ug/L	ND	ND	0.10	C171049	ND	0.10	C171049			
Dissolved Cobalt (Co)	ug/L	0.0534	0.0510	0.0050	C171049	ND	0.0050	C171049			
Dissolved Copper (Cu)	ug/L	0.796	0.763	0.050	C171049	ND	0.050	C171049			
Dissolved Iron (Fe)	ug/L	93.6	56.9	1.0	C171049	ND	1.0	C171049			
Dissolved Lead (Pb)	ug/L	0.0103	0.0086	0.0050	C171049	ND	0.0050	C171049			
Dissolved Lithium (Li)	ug/L	ND	ND	0.50	C171049	ND	0.50	C171049			
Dissolved Manganese (Mn)	ug/L	6.35	5.34	0.050	C171049	ND	0.050	C171049			
Dissolved Molybdenum (Mo)	ug/L	0.437	0.430	0.050	C171049	ND	0.050	C171049			
Dissolved Nickel (Ni)	ug/L	0.096	0.101	0.020	C171049	ND	0.020	C171049			
Dissolved Phosphorus (P)	ug/L	4.7	4.5	2.0	C171049	2.3	2.0	C171049			
Dissolved Rubidium (Rb)	ug/L	0.613	0.617	0.050	C171049	ND	0.050	C171049			
Dissolved Selenium (Se)	ug/L	ND	ND	0.040	C171049	ND	0.040	C171049			

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ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DXC041	DXC042			DXC043			DXC043		
Sampling Date		2025/11/18 13:36	2025/11/18 13:54			2025/11/18			2025/11/18		
COC Number		118590	118590			118590			118590		
	UNITS	SQRI-US	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
Dissolved Silicon (Si)	ug/L	3460	3230	50	C171049	ND	50	C171049			
Dissolved Silver (Ag)	ug/L	ND	ND	0.0050	C171049	ND	0.0050	C171049			
Dissolved Strontium (Sr)	ug/L	27.2	26.3	0.050	C171049	ND	0.050	C171049			
Dissolved Tellurium (Te)	ug/L	ND	ND	0.020	C171049	ND	0.020	C171049			
Dissolved Thallium (Tl)	ug/L	ND	0.0024	0.0020	C171049	ND	0.0020	C171049			
Dissolved Thorium (Th)	ug/L	0.0087	0.0065	0.0050	C171049	ND	0.0050	C171049			
Dissolved Tin (Sn)	ug/L	ND	ND	0.20	C171049	ND	0.20	C171049			
Dissolved Titanium (Ti)	ug/L	0.52	ND	0.50	C171049	ND	0.50	C171049			
Dissolved Uranium (U)	ug/L	0.0301	0.0312	0.0020	C171049	ND	0.0020	C171049			
Dissolved Vanadium (V)	ug/L	0.66	0.61	0.20	C171049	ND	0.20	C171049			
Dissolved Zinc (Zn)	ug/L	0.59	0.86	0.10	C171049	ND	0.10	C171049			
Dissolved Zirconium (Zr)	ug/L	ND	ND	0.10	C171049	ND	0.10	C171049			
Total Metals by ICPMS											
Total Aluminum (Al)	ug/L	306	364	3.0	C165138	ND	0.50	C164846	ND	0.50	C164846
Total Antimony (Sb)	ug/L	ND	ND	0.020	C165138	ND	0.020	C164846	ND	0.020	C164846
Total Arsenic (As)	ug/L	0.112	0.113	0.020	C165138	ND	0.020	C164846	ND	0.020	C164846
Total Barium (Ba)	ug/L	8.38	9.37	0.050	C165138	ND	0.020	C164846	ND	0.020	C164846
Total Beryllium (Be)	ug/L	ND	ND	0.010	C165138	ND	0.010	C164846	ND	0.010	C164846
Total Bismuth (Bi)	ug/L	ND	ND	0.010	C165138	ND	0.0050	C164846	ND	0.0050	C164846
Total Boron (B)	ug/L	ND	ND	10	C165138	ND	10	C164846	ND	10	C164846
Total Cadmium (Cd)	ug/L	0.0091	0.0092	0.0050	C165138	ND	0.0050	C164846	ND	0.0050	C164846
Total Cesium (Cs)	ug/L	ND	ND	0.050	C165138	ND	0.050	C164846	ND	0.050	C164846
Total Chromium (Cr)	ug/L	0.14	0.21	0.10	C165138	ND	0.10	C164846	ND	0.10	C164846
Total Cobalt (Co)	ug/L	0.120	0.192	0.010	C165138	ND	0.0050	C164846	ND	0.0050	C164846
Total Copper (Cu)	ug/L	1.17	1.37	0.10	C165138	ND	0.050	C164846	ND	0.050	C164846
Total Iron (Fe)	ug/L	286	295	5.0	C165138	ND	1.0	C164846	ND	1.0	C164846
Total Lead (Pb)	ug/L	0.066	0.081	0.020	C165138	ND	0.0050	C164846	ND	0.0050	C164846
Total Lithium (Li)	ug/L	0.67	0.76	0.50	C165138	ND	0.50	C164846	ND	0.50	C164846
Total Manganese (Mn)	ug/L	9.57	10.4	0.10	C165138	ND	0.050	C164846	ND	0.050	C164846
Total Molybdenum (Mo)	ug/L	0.418	0.422	0.050	C165138	ND	0.050	C164846	ND	0.050	C164846

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

Bureau Veritas Job #: C594836
Report Date: 2025/12/02

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DXC041	DXC042			DXC043			DXC043		
Sampling Date		2025/11/18 13:36	2025/11/18 13:54			2025/11/18			2025/11/18		
COC Number		118590	118590			118590			118590		
	UNITS	SQRI-US	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
Total Nickel (Ni)	ug/L	0.22	0.22	0.10	C165138	ND	0.020	C164846	ND	0.020	C164846
Total Phosphorus (P)	ug/L	18.4	21.6	5.0	C165138	ND	2.0	C164846	ND	2.0	C164846
Total Rubidium (Rb)	ug/L	0.715	0.817	0.050	C165138	ND	0.050	C164846	ND	0.050	C164846
Total Selenium (Se)	ug/L	ND	ND	0.040	C165138	ND	0.040	C164846	ND	0.040	C164846
Total Silicon (Si)	ug/L	3840	3740	50	C165138	ND	50	C164846	ND	50	C164846
Total Silver (Ag)	ug/L	ND	ND	0.010	C165138	ND	0.0050	C164846	ND	0.0050	C164846
Total Strontium (Sr)	ug/L	26.9	27.2	0.050	C165138	ND	0.050	C164846	ND	0.050	C164846
Total Tellurium (Te)	ug/L	ND	ND	0.020	C165138	ND	0.020	C164846	ND	0.020	C164846
Total Thallium (Tl)	ug/L	0.0029	0.0043	0.0020	C165138	ND	0.0020	C164846	ND	0.0020	C164846
Total Thorium (Th)	ug/L	ND	ND	0.050	C165138	ND	0.050	C164846	ND	0.050	C164846
Total Tin (Sn)	ug/L	ND	ND	0.20	C165138	ND	0.20	C164846	ND	0.20	C164846
Total Titanium (Ti)	ug/L	8.9	12.9	2.0	C165138	ND	0.50	C164846	ND	0.50	C164846
Total Uranium (U)	ug/L	0.0344	0.0404	0.0050	C165138	ND	0.0020	C164846	ND	0.0020	C164846
Total Vanadium (V)	ug/L	1.01	1.08	0.20	C165138	ND	0.20	C164846	ND	0.20	C164846
Total Zinc (Zn)	ug/L	1.5	1.6	1.0	C165138	ND	0.10	C164846	ND	0.10	C164846
Total Zirconium (Zr)	ug/L	0.11	0.11	0.10	C165138	ND	0.10	C164846	ND	0.10	C164846
Total Calcium (Ca)	mg/L	4.67	4.65	0.25	C162049	ND	0.050	C162049			
Total Magnesium (Mg)	mg/L	0.54	0.57	0.25	C162049	ND	0.050	C162049			
Total Potassium (K)	mg/L	0.50	0.53	0.25	C162049	ND	0.050	C162049			
Total Sodium (Na)	mg/L	1.51	1.52	0.25	C162049	ND	0.050	C162049			
Total Sulphur (S)	mg/L	ND	ND	3.0	C162049	ND	3.0	C162049			

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ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DXC044	DXC045		
Sampling Date		2025/11/18	2025/11/18 09:04		
COC Number		118590	118590		
	UNITS	Trip Blank	DUP	RDL	QC Batch
ANIONS					
Bromide (Br)	mg/L	ND	ND	0.010	C165390
Dissolved Metals by ICPMS					
Dissolved Calcium (Ca)	mg/L	ND	23.2	0.050	C162047
Dissolved Magnesium (Mg)	mg/L	ND	1.01	0.050	C162047
Dissolved Potassium (K)	mg/L	ND	1.09	0.050	C162047
Dissolved Sodium (Na)	mg/L	ND	4.98	0.050	C162047
Dissolved Sulphur (S)	mg/L	ND	3.6	3.0	C162047
Lab Filtered Metals					
Dissolved Aluminum (Al)	ug/L	ND	101	0.50	C171049
Dissolved Antimony (Sb)	ug/L	ND	0.252	0.020	C171049
Dissolved Arsenic (As)	ug/L	ND	1.25	0.020	C171049
Dissolved Barium (Ba)	ug/L	ND	4.96	0.020	C171049
Dissolved Beryllium (Be)	ug/L	ND	ND	0.010	C171049
Dissolved Bismuth (Bi)	ug/L	ND	ND	0.0050	C171049
Dissolved Boron (B)	ug/L	ND	10	10	C171049
Dissolved Cadmium (Cd)	ug/L	ND	0.0084	0.0050	C171049
Dissolved Cesium (Cs)	ug/L	ND	ND	0.050	C171049
Dissolved Chromium (Cr)	ug/L	ND	0.28	0.10	C171049
Dissolved Cobalt (Co)	ug/L	ND	0.0339	0.0050	C171049
Dissolved Copper (Cu)	ug/L	ND	0.620	0.050	C171049
Dissolved Iron (Fe)	ug/L	ND	7.2	1.0	C171049
Dissolved Lead (Pb)	ug/L	ND	ND	0.0050	C171049
Dissolved Lithium (Li)	ug/L	ND	2.82	0.50	C171049
Dissolved Manganese (Mn)	ug/L	ND	12.2	0.050	C171049
Dissolved Molybdenum (Mo)	ug/L	ND	30.7	0.050	C171049
Dissolved Nickel (Ni)	ug/L	ND	0.109	0.020	C171049
Dissolved Phosphorus (P)	ug/L	ND	ND	2.0	C171049
Dissolved Rubidium (Rb)	ug/L	ND	2.16	0.050	C171049
Dissolved Selenium (Se)	ug/L	ND	ND	0.040	C171049

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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		DXC044	DXC045		
Sampling Date		2025/11/18	2025/11/18 09:04		
COC Number		118590	118590		
	UNITS	Trip Blank	DUP	RDL	QC Batch
Dissolved Silicon (Si)	ug/L	ND	6770	50	C171049
Dissolved Silver (Ag)	ug/L	ND	ND	0.0050	C171049
Dissolved Strontium (Sr)	ug/L	ND	49.7	0.050	C171049
Dissolved Tellurium (Te)	ug/L	ND	ND	0.020	C171049
Dissolved Thallium (Tl)	ug/L	ND	0.0074	0.0020	C171049
Dissolved Thorium (Th)	ug/L	ND	ND	0.0050	C171049
Dissolved Tin (Sn)	ug/L	ND	ND	0.20	C171049
Dissolved Titanium (Ti)	ug/L	ND	ND	0.50	C171049
Dissolved Uranium (U)	ug/L	ND	1.87	0.0020	C171049
Dissolved Vanadium (V)	ug/L	ND	ND	0.20	C171049
Dissolved Zinc (Zn)	ug/L	ND	1.73	0.10	C171049
Dissolved Zirconium (Zr)	ug/L	ND	ND	0.10	C171049
Total Metals by ICPMS					
Total Aluminum (Al)	ug/L	ND	184	0.50	C164846
Total Antimony (Sb)	ug/L	ND	0.253	0.020	C164846
Total Arsenic (As)	ug/L	ND	1.31	0.020	C164846
Total Barium (Ba)	ug/L	ND	5.08	0.020	C164846
Total Beryllium (Be)	ug/L	ND	ND	0.010	C164846
Total Bismuth (Bi)	ug/L	ND	ND	0.0050	C164846
Total Boron (B)	ug/L	ND	12	10	C164846
Total Cadmium (Cd)	ug/L	ND	0.0145	0.0050	C164846
Total Cesium (Cs)	ug/L	ND	ND	0.050	C164846
Total Chromium (Cr)	ug/L	ND	0.29	0.10	C164846
Total Cobalt (Co)	ug/L	ND	0.0411	0.0050	C164846
Total Copper (Cu)	ug/L	ND	0.688	0.050	C164846
Total Iron (Fe)	ug/L	ND	25.0	1.0	C164846
Total Lead (Pb)	ug/L	ND	0.0268	0.0050	C164846
Total Lithium (Li)	ug/L	ND	3.20	0.50	C164846
Total Manganese (Mn)	ug/L	ND	16.0	0.050	C164846
Total Molybdenum (Mo)	ug/L	ND	31.5	0.050	C164846

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ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DXC044	DXC045		
Sampling Date		2025/11/18	2025/11/18 09:04		
COC Number		118590	118590		
	UNITS	**Trip Blank**	**DUP**	**RDL**	**QC Batch**
Total Nickel (Ni)	ug/L	ND	0.114	0.020	C164846
Total Phosphorus (P)	ug/L	ND	3.8	2.0	C164846
Total Rubidium (Rb)	ug/L	ND	2.19	0.050	C164846
Total Selenium (Se)	ug/L	ND	0.041	0.040	C164846
Total Silicon (Si)	ug/L	ND	7320	50	C164846
Total Silver (Ag)	ug/L	ND	ND	0.0050	C164846
Total Strontium (Sr)	ug/L	ND	52.4	0.050	C164846
Total Tellurium (Te)	ug/L	ND	ND	0.020	C164846
Total Thallium (Tl)	ug/L	ND	0.0084	0.0020	C164846
Total Thorium (Th)	ug/L	ND	ND	0.050	C164846
Total Tin (Sn)	ug/L	ND	ND	0.20	C164846
Total Titanium (Ti)	ug/L	ND	ND	0.50	C164846
Total Uranium (U)	ug/L	ND	1.96	0.0020	C164846
Total Vanadium (V)	ug/L	ND	0.20	0.20	C164846
Total Zinc (Zn)	ug/L	ND	2.04	0.10	C164846
Total Zirconium (Zr)	ug/L	ND	ND	0.10	C164846
Total Calcium (Ca)	mg/L	ND	24.0	0.050	C162049
Total Magnesium (Mg)	mg/L	ND	1.12	0.050	C162049
Total Potassium (K)	mg/L	ND	1.14	0.050	C162049
Total Sodium (Na)	mg/L	ND	5.45	0.050	C162049
Total Sulphur (S)	mg/L	ND	3.9	3.0	C162049

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

MISCELLANEOUS (WATER)

Bureau Veritas ID		DXC038	DXC039	DXC040	DXC041	DXC042	DXC045		
Sampling Date		2025/11/18 09:25	2025/11/18 09:04	2025/11/18 09:46	2025/11/18 13:36	2025/11/18 13:54	2025/11/18 09:04		
COC Number		118590	118590	118590	118590	118590	118590		
	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	0.0025	ND	ND	ND	ND	ND	0.0018	C161742
Total Un-ionized Hydrogen Sulfide as H2S	mg/L	0.0026	ND	ND	ND	ND	ND	0.0019	C161742

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		DXC039	DXC045		
Sampling Date		2025/11/18 09:04	2025/11/18 09:04		
COC Number		118590	118590		
	UNITS	WLNG -EOP	DUP	RDL	QC Batch
Calculated Parameters					
Low Molecular Weight PAH`s	ug/L	ND	ND	0.10	C161746
High Molecular Weight PAH`s	ug/L	ND	ND	0.050	C161746
Total PAH	ug/L	ND	ND	0.10	C161746
Polycyclic Aromatics					
Quinoline	ug/L	ND	ND	0.020	C170985
Naphthalene	ug/L	ND	ND	0.10	C170985
1-Methylnaphthalene	ug/L	ND	ND	0.050	C170985
2-Methylnaphthalene	ug/L	ND	ND	0.10	C170985
Acenaphthylene	ug/L	ND	ND	0.050	C170985
Acenaphthene	ug/L	ND	ND	0.050	C170985
Fluorene	ug/L	ND	ND	0.050	C170985
Phenanthrene	ug/L	ND	ND	0.050	C170985
Anthracene	ug/L	ND	ND	0.010	C170985
Acridine	ug/L	ND	ND	0.050	C170985
Fluoranthene	ug/L	ND	ND	0.020	C170985
Pyrene	ug/L	ND	ND	0.020	C170985
Benzo(a)anthracene	ug/L	ND	ND	0.010	C170985
Chrysene	ug/L	ND	ND	0.020	C170985
Benzo(b&j)fluoranthene	ug/L	ND	ND	0.030	C170985
Benzo(k)fluoranthene	ug/L	ND	ND	0.050	C170985
Benzo(a)pyrene	ug/L	ND	ND	0.0050	C170985
Indeno(1,2,3-cd)pyrene	ug/L	ND	ND	0.050	C170985
Dibenz(a,h)anthracene	ug/L	ND	ND	0.0030	C170985
Benzo(g,h,i)perylene	ug/L	ND	ND	0.050	C170985
Calculated Parameters					
LEPH (C10-C19 less PAH)	mg/L	ND	ND	0.20	C161749
HEPH (C19-C32 less PAH)	mg/L	ND	ND	0.20	C161749
Ext. Pet. Hydrocarbon					
EPH (C10-C19)	mg/L	ND	ND	0.20	C170995
EPH (C19-C32)	mg/L	ND	ND	0.20	C170995

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

Bureau Veritas ID		DXC039	DXC045		
Sampling Date		2025/11/18 09:04	2025/11/18 09:04		
COC Number		118590	118590		
	UNITS	WLNG -EOP	DUP	RDL	QC Batch
Surrogate Recovery (%)					
O-TERPHENYL (sur.)	%	101	101		C170995
D10-ANTHRACENE (sur.)	%	91	92		C170985
D8-ACENAPHTHYLENE (sur.)	%	86	87		C170985
D8-NAPHTHALENE (sur.)	%	79	78		C170985
TERPHENYL-D14 (sur.)	%	78	85		C170985
RDL = Reportable Detection Limit					

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

CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DXC039	DXC045		
Sampling Date		2025/11/18 09:04	2025/11/18 09:04		
COC Number		118590	118590		
	UNITS	WLNG -EOP	DUP	RDL	QC Batch
Calculated Parameters					
VPH (VH6 to 10 - BTEX)	ug/L	ND	ND	300	C162134
Volatiles					
VH C6-C10	ug/L	ND	ND	300	C165046
1,1,1,2-tetrachloroethane	ug/L	ND	ND	0.50	C165046
1,1,1-trichloroethane	ug/L	ND	ND	0.50	C165046
1,1,2,2-tetrachloroethane	ug/L	ND	ND	0.50	C165046
1,1,2Trichloro-1,2,2Trifluoroethane	ug/L	ND	ND	2.0	C165046
1,1,2-trichloroethane	ug/L	ND	ND	0.50	C165046
1,1-dichloroethane	ug/L	ND	ND	0.50	C165046
1,1-dichloroethene	ug/L	ND	ND	0.50	C165046
1,2,3-trichlorobenzene	ug/L	ND	ND	2.0	C165046
1,2,4-trichlorobenzene	ug/L	ND	ND	2.0	C165046
1,2-dibromoethane	ug/L	ND	ND	0.20	C165046
1,2-dichlorobenzene	ug/L	ND	ND	0.50	C165046
1,2-dichloroethane	ug/L	ND	ND	0.50	C165046
1,2-dichloropropane	ug/L	ND	ND	0.50	C165046
1,3,5-trimethylbenzene	ug/L	ND	ND	2.0	C165046
1,3-Butadiene	ug/L	ND	ND	0.50	C165046
1,3-dichlorobenzene	ug/L	ND	ND	0.50	C165046
1,3-dichloropropane	ug/L	ND	ND	1.0	C165046
1,4-dichlorobenzene	ug/L	ND	ND	0.50	C165046
Benzene	ug/L	ND	ND	0.40	C165046
Bromobenzene	ug/L	ND	ND	2.0	C165046
Bromodichloromethane	ug/L	ND	ND	1.0	C165046
Bromoform	ug/L	ND	ND	1.0	C165046
Bromomethane	ug/L	ND	ND	1.0	C165046
Carbon tetrachloride	ug/L	ND	ND	0.50	C165046
Chlorobenzene	ug/L	ND	ND	0.50	C165046
Dibromochloromethane	ug/L	ND	ND	1.0	C165046
Chloroethane	ug/L	ND	ND	1.0	C165046

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CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DXC039	DXC045		
Sampling Date		2025/11/18 09:04	2025/11/18 09:04		
COC Number		118590	118590		
	UNITS	WLNG -EOP	DUP	RDL	QC Batch
Chloroform	ug/L	ND	ND	1.0	C165046
Chloromethane	ug/L	ND	ND	1.0	C165046
cis-1,2-dichloroethene	ug/L	ND	ND	1.0	C165046
cis-1,3-dichloropropene	ug/L	ND	ND	1.0	C165046
Dichlorodifluoromethane	ug/L	ND	ND	2.0	C165046
Dichloromethane	ug/L	ND	ND	2.0	C165046
Ethylbenzene	ug/L	ND	ND	0.40	C165046
Hexachlorobutadiene	ug/L	ND	ND	0.50	C165046
Isopropylbenzene	ug/L	ND	ND	2.0	C165046
Methyl-tert-butylether (MTBE)	ug/L	ND	ND	4.0	C165046
Styrene	ug/L	ND	ND	0.50	C165046
Tetrachloroethene	ug/L	ND	ND	0.50	C165046
Toluene	ug/L	ND	ND	0.40	C165046
trans-1,2-dichloroethene	ug/L	ND	ND	1.0	C165046
trans-1,3-dichloropropene	ug/L	ND	ND	1.0	C165046
Trichloroethene	ug/L	ND	ND	0.50	C165046
Trichlorofluoromethane	ug/L	ND	ND	4.0	C165046
Vinyl chloride	ug/L	ND	ND	0.50	C165046
m & p-Xylene	ug/L	ND	ND	0.40	C165046
o-Xylene	ug/L	ND	ND	0.40	C165046
Xylenes (Total)	ug/L	ND	ND	0.40	C165046
Surrogate Recovery (%)					
1,4-Difluorobenzene (sur.)	%	105	105		C165046
4-Bromofluorobenzene (sur.)	%	87	88		C165046
D4-1,2-Dichloroethane (sur.)	%	104	104		C165046

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

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GENERAL COMMENTS

Results relate only to the items tested.

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QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C163017	ESA	Matrix Spike	Total Suspended Solids	2025/11/20		102	%	80 - 120
C163017	ESA	Spiked Blank	Total Suspended Solids	2025/11/20		102	%	80 - 120
C163017	ESA	Method Blank	Total Suspended Solids	2025/11/20	ND, RDL=1.0		mg/L	
C163017	ESA	RPD	Total Suspended Solids	2025/11/20	0		%	20
C163018	ESA	Matrix Spike [DXC045-16]	Total Suspended Solids	2025/11/20		103	%	80 - 120
C163018	ESA	Spiked Blank	Total Suspended Solids	2025/11/20		103	%	80 - 120
C163018	ESA	Method Blank	Total Suspended Solids	2025/11/20	ND, RDL=1.0		mg/L	
C163018	ESA	RPD [DXC044-12]	Total Suspended Solids	2025/11/20	NC		%	20
C163368	JLP	Spiked Blank	Alkalinity (Total as CaCO3)	2025/11/19		92	%	80 - 120
C163368	JLP	Method Blank	Alkalinity (PP as CaCO3)	2025/11/19	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/11/19	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/11/19	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/11/19	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/11/19	ND, RDL=1.0		mg/L	
C163368	JLP	RPD	Alkalinity (PP as CaCO3)	2025/11/19	NC		%	20
			Alkalinity (Total as CaCO3)	2025/11/19	0.50		%	20
			Bicarbonate (HCO3)	2025/11/19	0.50		%	20
			Carbonate (CO3)	2025/11/19	NC		%	20
			Hydroxide (OH)	2025/11/19	NC		%	20
C163373	JLP	Spiked Blank	pH	2025/11/19		100	%	97 - 103
C163373	JLP	RPD	pH	2025/11/19	0.43		%	N/A
C163436	JGL	Matrix Spike	Nitrate plus Nitrite (N)	2025/11/19		NC	%	80 - 120
C163436	JGL	Spiked Blank	Nitrate plus Nitrite (N)	2025/11/19		112	%	80 - 120
C163436	JGL	Method Blank	Nitrate plus Nitrite (N)	2025/11/19	ND, RDL=0.020		mg/L	
C163436	JGL	RPD	Nitrate plus Nitrite (N)	2025/11/19	2.4 (1)		%	25
C163441	JGL	Matrix Spike	Nitrite (N)	2025/11/19		NC	%	80 - 120
C163441	JGL	Spiked Blank	Nitrite (N)	2025/11/19		107	%	80 - 120
C163441	JGL	Method Blank	Nitrite (N)	2025/11/19	ND, RDL=0.0050		mg/L	
C163441	JGL	RPD	Nitrite (N)	2025/11/19	0.47		%	20
C163544	CJY	Matrix Spike	Dissolved Fluoride (F)	2025/11/19		NC	%	80 - 120
C163544	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/11/19		101	%	80 - 120
C163544	CJY	Method Blank	Dissolved Fluoride (F)	2025/11/19	ND, RDL=0.050		mg/L	
C163544	CJY	RPD	Fluoride (F)	2025/11/19	0.58		%	20
C163628	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/11/20		108	%	80 - 120
C163628	CJY	Method Blank	Dissolved Fluoride (F)	2025/11/20	ND, RDL=0.050		mg/L	
C163696	VMP	Matrix Spike [DXC041-11]	Total Dissolved Solids	2025/11/20		100	%	80 - 120
C163696	VMP	Spiked Blank	Total Dissolved Solids	2025/11/20		98	%	80 - 120
C163696	VMP	Method Blank	Total Dissolved Solids	2025/11/20	ND, RDL=10		mg/L	
C163696	VMP	RPD [DXC040-11]	Total Dissolved Solids	2025/11/20	0		%	20
C163828	JGL	Matrix Spike	Nitrite (N)	2025/11/19		120	%	80 - 120
C163828	JGL	Spiked Blank	Nitrite (N)	2025/11/19		107	%	80 - 120

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C163828	JGL	Method Blank	Nitrite (N)	2025/11/19	ND, RDL=0.0050		mg/L	
C163828	JGL	RPD	Nitrite (N)	2025/11/19	0.75		%	20
C163829	JGL	Matrix Spike	Nitrate plus Nitrite (N)	2025/11/19		118	%	80 - 120
C163829	JGL	Spiked Blank	Nitrate plus Nitrite (N)	2025/11/19		110	%	80 - 120
C163829	JGL	Method Blank	Nitrate plus Nitrite (N)	2025/11/19	ND, RDL=0.020		mg/L	
C163829	JGL	RPD	Nitrate plus Nitrite (N)	2025/11/19	NC		%	25
C163832	JGL	Matrix Spike [DXC045-07]	Nitrate plus Nitrite (N)	2025/11/19		128 (2)	%	80 - 120
C163832	JGL	Spiked Blank	Nitrate plus Nitrite (N)	2025/11/19		107	%	80 - 120
C163832	JGL	Method Blank	Nitrate plus Nitrite (N)	2025/11/19	ND, RDL=0.020		mg/L	
C163832	JGL	RPD [DXC045-07]	Nitrate plus Nitrite (N)	2025/11/19	NC		%	25
C163834	JGL	Matrix Spike [DXC045-07]	Nitrite (N)	2025/11/19		132 (2)	%	80 - 120
C163834	JGL	Spiked Blank	Nitrite (N)	2025/11/19		105	%	80 - 120
C163834	JGL	Method Blank	Nitrite (N)	2025/11/19	ND, RDL=0.0050		mg/L	
C163834	JGL	RPD [DXC045-07]	Nitrite (N)	2025/11/19	NC		%	20
C163845	BB3	Matrix Spike	Total Ammonia (N)	2025/11/20		85	%	80 - 120
C163845	BB3	Spiked Blank	Total Ammonia (N)	2025/11/20		100	%	80 - 120
C163845	BB3	Method Blank	Total Ammonia (N)	2025/11/20	ND, RDL=0.015		mg/L	
C163845	BB3	RPD	Total Ammonia (N)	2025/11/20	0.97		%	20
C164455	CBK	Matrix Spike	Chloride (Cl)	2025/11/20		101	%	80 - 120
			Sulphate (SO4)	2025/11/20		95	%	80 - 120
C164455	CBK	Spiked Blank	Chloride (Cl)	2025/11/20		105	%	80 - 120
			Sulphate (SO4)	2025/11/20		105	%	80 - 120
C164455	CBK	Method Blank	Chloride (Cl)	2025/11/20	ND, RDL=1.0		mg/L	
			Sulphate (SO4)	2025/11/20	ND, RDL=1.0		mg/L	
C164455	CBK	RPD	Chloride (Cl)	2025/11/20	1.8		%	20
			Sulphate (SO4)	2025/11/20	NC		%	20
C164702	NKT	Matrix Spike	Total Phosphorus (P)	2025/11/21		116	%	N/A
C164702	NKT	Spiked Blank	Total Phosphorus (P)	2025/11/21		110	%	80 - 120
C164702	NKT	Method Blank	Total Phosphorus (P)	2025/11/21	ND, RDL=0.0010		mg/L	
C164702	NKT	RPD	Total Phosphorus (P)	2025/11/21	7.7		%	20
C164846	AA1	Matrix Spike [DXC043-08]	Total Aluminum (Al)	2025/11/20		104	%	80 - 120
			Total Antimony (Sb)	2025/11/20		102	%	80 - 120
			Total Arsenic (As)	2025/11/20		103	%	80 - 120
			Total Barium (Ba)	2025/11/20		101	%	80 - 120
			Total Beryllium (Be)	2025/11/20		109	%	80 - 120
			Total Bismuth (Bi)	2025/11/20		99	%	80 - 120
			Total Boron (B)	2025/11/20		107	%	80 - 120
			Total Cadmium (Cd)	2025/11/20		102	%	80 - 120
			Total Cesium (Cs)	2025/11/20		96	%	80 - 120
			Total Chromium (Cr)	2025/11/20		106	%	80 - 120
			Total Cobalt (Co)	2025/11/20		102	%	80 - 120
			Total Copper (Cu)	2025/11/20		100	%	80 - 120
			Total Iron (Fe)	2025/11/20		108	%	80 - 120
			Total Lead (Pb)	2025/11/20		104	%	80 - 120
			Total Lithium (Li)	2025/11/20		106	%	80 - 120

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Manganese (Mn)	2025/11/20		97	%	80 - 120
			Total Molybdenum (Mo)	2025/11/20		104	%	80 - 120
			Total Nickel (Ni)	2025/11/20		96	%	80 - 120
			Total Phosphorus (P)	2025/11/20		104	%	80 - 120
			Total Rubidium (Rb)	2025/11/20		95	%	80 - 120
			Total Selenium (Se)	2025/11/20		102	%	80 - 120
			Total Silicon (Si)	2025/11/20		105	%	80 - 120
			Total Silver (Ag)	2025/11/20		100	%	80 - 120
			Total Strontium (Sr)	2025/11/20		104	%	80 - 120
			Total Tellurium (Te)	2025/11/20		105	%	80 - 120
			Total Thallium (Tl)	2025/11/20		100	%	80 - 120
			Total Thorium (Th)	2025/11/20		101	%	80 - 120
			Total Tin (Sn)	2025/11/20		103	%	80 - 120
			Total Titanium (Ti)	2025/11/20		104	%	80 - 120
			Total Uranium (U)	2025/11/20		101	%	80 - 120
			Total Vanadium (V)	2025/11/20		101	%	80 - 120
			Total Zinc (Zn)	2025/11/20		103	%	80 - 120
			Total Zirconium (Zr)	2025/11/20		102	%	80 - 120
C164846	AA1	Spiked Blank	Total Aluminum (Al)	2025/11/20		101	%	80 - 120
			Total Antimony (Sb)	2025/11/20		100	%	80 - 120
			Total Arsenic (As)	2025/11/20		101	%	80 - 120
			Total Barium (Ba)	2025/11/20		99	%	80 - 120
			Total Beryllium (Be)	2025/11/20		107	%	80 - 120
			Total Bismuth (Bi)	2025/11/20		96	%	80 - 120
			Total Boron (B)	2025/11/20		106	%	80 - 120
			Total Cadmium (Cd)	2025/11/20		100	%	80 - 120
			Total Cesium (Cs)	2025/11/20		94	%	80 - 120
			Total Chromium (Cr)	2025/11/20		102	%	80 - 120
			Total Cobalt (Co)	2025/11/20		102	%	80 - 120
			Total Copper (Cu)	2025/11/20		99	%	80 - 120
			Total Iron (Fe)	2025/11/20		108	%	80 - 120
			Total Lead (Pb)	2025/11/20		101	%	80 - 120
			Total Lithium (Li)	2025/11/20		103	%	80 - 120
			Total Manganese (Mn)	2025/11/20		98	%	80 - 120
			Total Molybdenum (Mo)	2025/11/20		102	%	80 - 120
			Total Nickel (Ni)	2025/11/20		95	%	80 - 120
			Total Phosphorus (P)	2025/11/20		101	%	80 - 120
			Total Rubidium (Rb)	2025/11/20		93	%	80 - 120
			Total Selenium (Se)	2025/11/20		103	%	80 - 120
			Total Silicon (Si)	2025/11/20		109	%	80 - 120
			Total Silver (Ag)	2025/11/20		99	%	80 - 120
			Total Strontium (Sr)	2025/11/20		103	%	80 - 120
			Total Tellurium (Te)	2025/11/20		103	%	80 - 120
			Total Thallium (Tl)	2025/11/20		97	%	80 - 120
			Total Thorium (Th)	2025/11/20		100	%	80 - 120
			Total Tin (Sn)	2025/11/20		101	%	80 - 120
			Total Titanium (Ti)	2025/11/20		103	%	80 - 120
			Total Uranium (U)	2025/11/20		104	%	80 - 120
			Total Vanadium (V)	2025/11/20		103	%	80 - 120
			Total Zinc (Zn)	2025/11/20		101	%	80 - 120
			Total Zirconium (Zr)	2025/11/20		101	%	80 - 120
C164846	AA1	Method Blank	Total Aluminum (Al)	2025/11/20	ND, RDL=0.50		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 Antimony (Sb)	2025/11/20	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/11/20	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/11/20	ND, RDL=0.020		ug/L	
			Total Beryllium (Be)	2025/11/20	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/11/20	ND, RDL=0.0050		ug/L	
			Total Boron (B)	2025/11/20	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/11/20	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/11/20	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/11/20	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/11/20	ND, RDL=0.0050		ug/L	
			Total Copper (Cu)	2025/11/20	ND, RDL=0.050		ug/L	
			Total Iron (Fe)	2025/11/20	ND, RDL=1.0		ug/L	
			Total Lead (Pb)	2025/11/20	ND, RDL=0.0050		ug/L	
			Total Lithium (Li)	2025/11/20	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/11/20	ND, RDL=0.050		ug/L	
			Total Molybdenum (Mo)	2025/11/20	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/11/20	ND, RDL=0.020		ug/L	
			Total Phosphorus (P)	2025/11/20	ND, RDL=2.0		ug/L	
			Total Rubidium (Rb)	2025/11/20	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/11/20	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/11/20	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/11/20	ND, RDL=0.0050		ug/L	
			Total Strontium (Sr)	2025/11/20	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/11/20	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/11/20	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/11/20	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/11/20	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 Titanium (Ti)	2025/11/20	ND, RDL=0.50		ug/L	
			Total Uranium (U)	2025/11/20	ND, RDL=0.0020		ug/L	
			Total Vanadium (V)	2025/11/20	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/11/20	ND, RDL=0.10		ug/L	
			Total Zirconium (Zr)	2025/11/20	ND, RDL=0.10		ug/L	
C164846	AA1	RPD [DXC043-08]	Total Aluminum (Al)	2025/11/20	NC		%	20
			Total Antimony (Sb)	2025/11/20	NC		%	20
			Total Arsenic (As)	2025/11/20	NC		%	20
			Total Barium (Ba)	2025/11/20	NC		%	20
			Total Beryllium (Be)	2025/11/20	NC		%	20
			Total Bismuth (Bi)	2025/11/20	NC		%	20
			Total Boron (B)	2025/11/20	NC		%	20
			Total Cadmium (Cd)	2025/11/20	NC		%	20
			Total Cesium (Cs)	2025/11/20	NC		%	20
			Total Chromium (Cr)	2025/11/20	NC		%	20
			Total Cobalt (Co)	2025/11/20	NC		%	20
			Total Copper (Cu)	2025/11/20	NC		%	20
			Total Iron (Fe)	2025/11/20	NC		%	20
			Total Lead (Pb)	2025/11/20	NC		%	20
			Total Lithium (Li)	2025/11/20	NC		%	20
			Total Manganese (Mn)	2025/11/20	NC		%	20
			Total Molybdenum (Mo)	2025/11/20	NC		%	20
			Total Nickel (Ni)	2025/11/20	NC		%	20
			Total Phosphorus (P)	2025/11/20	NC		%	20
			Total Rubidium (Rb)	2025/11/20	NC		%	20
			Total Selenium (Se)	2025/11/20	NC		%	20
			Total Silicon (Si)	2025/11/20	NC		%	20
			Total Silver (Ag)	2025/11/20	NC		%	20
			Total Strontium (Sr)	2025/11/20	NC		%	20
			Total Tellurium (Te)	2025/11/20	NC		%	20
			Total Thallium (Tl)	2025/11/20	NC		%	20
			Total Thorium (Th)	2025/11/20	NC		%	20
			Total Tin (Sn)	2025/11/20	NC		%	20
			Total Titanium (Ti)	2025/11/20	NC		%	20
			Total Uranium (U)	2025/11/20	NC		%	20
			Total Vanadium (V)	2025/11/20	NC		%	20
			Total Zinc (Zn)	2025/11/20	NC		%	20
			Total Zirconium (Zr)	2025/11/20	NC		%	20
C165046	NGU	Matrix Spike	1,4-Difluorobenzene (sur.)	2025/11/21		101	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/11/21		107	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/11/21		113	%	50 - 140
			1,1,1,2-tetrachloroethane	2025/11/21		116	%	50 - 140
			1,1,1-trichloroethane	2025/11/21		113	%	50 - 140
			1,1,2,2-tetrachloroethane	2025/11/21		110	%	50 - 140
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/11/21		116	%	50 - 140
			1,1,2-trichloroethane	2025/11/21		112	%	50 - 140
			1,1-dichloroethane	2025/11/21		118	%	50 - 140
			1,1-dichloroethene	2025/11/21		133	%	50 - 140

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			1,2,3-trichlorobenzene	2025/11/21		115	%	50 - 140
			1,2,4-trichlorobenzene	2025/11/21		114	%	50 - 140
			1,2-dibromoethane	2025/11/21		109	%	50 - 140
			1,2-dichlorobenzene	2025/11/21		120	%	50 - 140
			1,2-dichloroethane	2025/11/21		100	%	50 - 140
			1,2-dichloropropane	2025/11/21		107	%	50 - 140
			1,3,5-trimethylbenzene	2025/11/21		108	%	50 - 140
			1,3-Butadiene	2025/11/21		97	%	50 - 140
			1,3-dichlorobenzene	2025/11/21		121	%	50 - 140
			1,3-dichloropropane	2025/11/21		106	%	50 - 140
			1,4-dichlorobenzene	2025/11/21		116	%	50 - 140
			Benzene	2025/11/21		111	%	50 - 140
			Bromobenzene	2025/11/21		114	%	50 - 140
			Bromodichloromethane	2025/11/21		113	%	50 - 140
			Bromoform	2025/11/21		133	%	50 - 140
			Carbon tetrachloride	2025/11/21		118	%	50 - 140
			Chlorobenzene	2025/11/21		110	%	50 - 140
			Dibromochloromethane	2025/11/21		115	%	50 - 140
			Chloroethane	2025/11/21		114	%	50 - 140
			Chloroform	2025/11/21		110	%	50 - 140
			Chloromethane	2025/11/21		110	%	50 - 140
			cis-1,2-dichloroethene	2025/11/21		110	%	50 - 140
			cis-1,3-dichloropropene	2025/11/21		102	%	50 - 140
			Dichlorodifluoromethane	2025/11/21		125	%	50 - 140
			Dichloromethane	2025/11/21		107	%	50 - 140
			Ethylbenzene	2025/11/21		114	%	50 - 140
			Hexachlorobutadiene	2025/11/21		119	%	50 - 140
			Isopropylbenzene	2025/11/21		110	%	50 - 140
			Methyl-tert-butylether (MTBE)	2025/11/21		87	%	50 - 140
			Styrene	2025/11/21		96	%	50 - 140
			Tetrachloroethene	2025/11/21		109	%	50 - 140
			Toluene	2025/11/21		105	%	50 - 140
			trans-1,2-dichloroethene	2025/11/21		120	%	50 - 140
			trans-1,3-dichloropropene	2025/11/21		78	%	50 - 140
			Trichloroethene	2025/11/21		110	%	50 - 140
			Trichlorofluoromethane	2025/11/21		113	%	50 - 140
			Vinyl chloride	2025/11/21		122	%	50 - 140
			m & p-Xylene	2025/11/21		117	%	50 - 140
			o-Xylene	2025/11/21		97	%	50 - 140
C165046	NGU	Spiked Blank	1,4-Difluorobenzene (sur.)	2025/11/21		101	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/11/21		104	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/11/21		106	%	50 - 140
			VH C6-C10	2025/11/21		116	%	70 - 130
			1,1,1,2-tetrachloroethane	2025/11/21		106	%	60 - 130
			1,1,1-trichloroethane	2025/11/21		104	%	60 - 130
			1,1,2,2-tetrachloroethane	2025/11/21		100	%	60 - 130
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/11/21		107	%	60 - 130
			1,1,2-trichloroethane	2025/11/21		102	%	60 - 130
			1,1-dichloroethane	2025/11/21		108	%	60 - 130
			1,1-dichloroethene	2025/11/21		124	%	60 - 130
			1,2,3-trichlorobenzene	2025/11/21		108	%	60 - 130
			1,2,4-trichlorobenzene	2025/11/21		107	%	60 - 130
			1,2-dibromoethane	2025/11/21		98	%	60 - 130

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			1,2-dichlorobenzene	2025/11/21		109	%	60 - 130
			1,2-dichloroethane	2025/11/21		91	%	60 - 130
			1,2-dichloropropane	2025/11/21		98	%	60 - 130
			1,3,5-trimethylbenzene	2025/11/21		102	%	60 - 130
			1,3-Butadiene	2025/11/21		91	%	50 - 140
			1,3-dichlorobenzene	2025/11/21		111	%	60 - 130
			1,3-dichloropropane	2025/11/21		96	%	60 - 130
			1,4-dichlorobenzene	2025/11/21		106	%	60 - 130
			Benzene	2025/11/21		102	%	60 - 130
			Bromobenzene	2025/11/21		105	%	60 - 130
			Bromodichloromethane	2025/11/21		104	%	60 - 130
			Bromoform	2025/11/21		120	%	60 - 130
			Bromomethane	2025/11/21		136	%	50 - 140
			Carbon tetrachloride	2025/11/21		108	%	60 - 130
			Chlorobenzene	2025/11/21		101	%	60 - 130
			Dibromochloromethane	2025/11/21		103	%	60 - 130
			Chloroethane	2025/11/21		106	%	50 - 140
			Chloroform	2025/11/21		100	%	60 - 130
			Chloromethane	2025/11/21		102	%	50 - 140
			cis-1,2-dichloroethene	2025/11/21		102	%	60 - 130
			cis-1,3-dichloropropene	2025/11/21		91	%	50 - 140
			Dichlorodifluoromethane	2025/11/21		118	%	50 - 140
			Dichloromethane	2025/11/21		97	%	60 - 130
			Ethylbenzene	2025/11/21		105	%	60 - 130
			Hexachlorobutadiene	2025/11/21		111	%	60 - 130
			Isopropylbenzene	2025/11/21		103	%	60 - 130
			Methyl-tert-butylether (MTBE)	2025/11/21		81	%	60 - 130
			Styrene	2025/11/21		89	%	60 - 130
			Tetrachloroethene	2025/11/21		101	%	60 - 130
			Toluene	2025/11/21		97	%	60 - 130
			trans-1,2-dichloroethene	2025/11/21		111	%	60 - 130
			trans-1,3-dichloropropene	2025/11/21		71	%	50 - 140
			Trichloroethene	2025/11/21		101	%	60 - 130
			Trichlorofluoromethane	2025/11/21		104	%	60 - 130
			Vinyl chloride	2025/11/21		114	%	50 - 140
			m & p-Xylene	2025/11/21		108	%	60 - 130
			o-Xylene	2025/11/21		90	%	60 - 130
C165046	NGU	Method Blank	1,4-Difluorobenzene (sur.)	2025/11/21		103	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/11/21		89	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/11/21		103	%	50 - 140
			VH C6-C10	2025/11/21	ND, RDL=300		ug/L	
			1,1,1,2-tetrachloroethane	2025/11/21	ND, RDL=0.50		ug/L	
			1,1,1-trichloroethane	2025/11/21	ND, RDL=0.50		ug/L	
			1,1,2,2-tetrachloroethane	2025/11/21	ND, RDL=0.50		ug/L	
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/11/21	ND, RDL=2.0		ug/L	
			1,1,2-trichloroethane	2025/11/21	ND, RDL=0.50		ug/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			1,1-dichloroethane	2025/11/21	ND, RDL=0.50		ug/L	
			1,1-dichloroethene	2025/11/21	ND, RDL=0.50		ug/L	
			1,2,3-trichlorobenzene	2025/11/21	ND, RDL=2.0		ug/L	
			1,2,4-trichlorobenzene	2025/11/21	ND, RDL=2.0		ug/L	
			1,2-dibromoethane	2025/11/21	ND, RDL=0.20		ug/L	
			1,2-dichlorobenzene	2025/11/21	ND, RDL=0.50		ug/L	
			1,2-dichloroethane	2025/11/21	ND, RDL=0.50		ug/L	
			1,2-dichloropropane	2025/11/21	ND, RDL=0.50		ug/L	
			1,3,5-trimethylbenzene	2025/11/21	ND, RDL=2.0		ug/L	
			1,3-Butadiene	2025/11/21	ND, RDL=0.50		ug/L	
			1,3-dichlorobenzene	2025/11/21	ND, RDL=0.50		ug/L	
			1,3-dichloropropane	2025/11/21	ND, RDL=1.0		ug/L	
			1,4-dichlorobenzene	2025/11/21	ND, RDL=0.50		ug/L	
			Benzene	2025/11/21	ND, RDL=0.40		ug/L	
			Bromobenzene	2025/11/21	ND, RDL=2.0		ug/L	
			Bromodichloromethane	2025/11/21	ND, RDL=1.0		ug/L	
			Bromoform	2025/11/21	ND, RDL=1.0		ug/L	
			Bromomethane	2025/11/21	ND, RDL=1.0		ug/L	
			Carbon tetrachloride	2025/11/21	ND, RDL=0.50		ug/L	
			Chlorobenzene	2025/11/21	ND, RDL=0.50		ug/L	
			Dibromochloromethane	2025/11/21	ND, RDL=1.0		ug/L	
			Chloroethane	2025/11/21	ND, RDL=1.0		ug/L	
			Chloroform	2025/11/21	ND, RDL=1.0		ug/L	
			Chloromethane	2025/11/21	ND, RDL=1.0		ug/L	
			cis-1,2-dichloroethene	2025/11/21	ND, RDL=1.0		ug/L	
			cis-1,3-dichloropropene	2025/11/21	ND, RDL=1.0		ug/L	
			Dichlorodifluoromethane	2025/11/21	ND, RDL=2.0		ug/L	

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dichloromethane	2025/11/21	ND, RDL=2.0		ug/L	
			Ethylbenzene	2025/11/21	ND, RDL=0.40		ug/L	
			Hexachlorobutadiene	2025/11/21	ND, RDL=0.50		ug/L	
			Isopropylbenzene	2025/11/21	ND, RDL=2.0		ug/L	
			Methyl-tert-butylether (MTBE)	2025/11/21	ND, RDL=4.0		ug/L	
			Styrene	2025/11/21	ND, RDL=0.50		ug/L	
			Tetrachloroethene	2025/11/21	ND, RDL=0.50		ug/L	
			Toluene	2025/11/21	ND, RDL=0.40		ug/L	
			trans-1,2-dichloroethene	2025/11/21	ND, RDL=1.0		ug/L	
			trans-1,3-dichloropropene	2025/11/21	ND, RDL=1.0		ug/L	
			Trichloroethene	2025/11/21	ND, RDL=0.50		ug/L	
			Trichlorofluoromethane	2025/11/21	ND, RDL=4.0		ug/L	
			Vinyl chloride	2025/11/21	ND, RDL=0.50		ug/L	
			m & p-Xylene	2025/11/21	ND, RDL=0.40		ug/L	
			o-Xylene	2025/11/21	ND, RDL=0.40		ug/L	
			Xylenes (Total)	2025/11/21	ND, RDL=0.40		ug/L	
C165046	NGU	RPD	Bromodichloromethane	2025/11/21	NC		%	30
			Bromoform	2025/11/21	NC		%	30
			Dibromochloromethane	2025/11/21	NC		%	30
			Chloroform	2025/11/21	NC		%	30
C165058	BTM	Matrix Spike	Total Organic Carbon (C)	2025/11/20		123 (2)	%	80 - 120
C165058	BTM	Spiked Blank	Total Organic Carbon (C)	2025/11/20		114	%	80 - 120
C165058	BTM	Method Blank	Total Organic Carbon (C)	2025/11/20	ND, RDL=0.50		mg/L	
C165058	BTM	RPD	Total Organic Carbon (C)	2025/11/20	NC		%	20
C165138	AA1	Matrix Spike	Total Aluminum (Al)	2025/11/21		113	%	80 - 120
			Total Antimony (Sb)	2025/11/21		102	%	80 - 120
			Total Arsenic (As)	2025/11/21		108	%	80 - 120
			Total Barium (Ba)	2025/11/21		105	%	80 - 120
			Total Beryllium (Be)	2025/11/21		102	%	80 - 120
			Total Bismuth (Bi)	2025/11/21		93	%	80 - 120
			Total Boron (B)	2025/11/21		104	%	80 - 120
			Total Cadmium (Cd)	2025/11/21		104	%	80 - 120
			Total Cesium (Cs)	2025/11/21		97	%	80 - 120
			Total Chromium (Cr)	2025/11/21		103	%	80 - 120
			Total Cobalt (Co)	2025/11/21		104	%	80 - 120
			Total Copper (Cu)	2025/11/21		100	%	80 - 120
			Total Iron (Fe)	2025/11/21		NC	%	80 - 120

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Lead (Pb)	2025/11/21		98	%	80 - 120
			Total Lithium (Li)	2025/11/21		99	%	80 - 120
			Total Manganese (Mn)	2025/11/21		105	%	80 - 120
			Total Molybdenum (Mo)	2025/11/21		105	%	80 - 120
			Total Nickel (Ni)	2025/11/21		96	%	80 - 120
			Total Phosphorus (P)	2025/11/21		106	%	80 - 120
			Total Rubidium (Rb)	2025/11/21		97	%	80 - 120
			Total Selenium (Se)	2025/11/21		106	%	80 - 120
			Total Silicon (Si)	2025/11/21		106	%	80 - 120
			Total Silver (Ag)	2025/11/21		102	%	80 - 120
			Total Strontium (Sr)	2025/11/21		111	%	80 - 120
			Total Tellurium (Te)	2025/11/21		105	%	80 - 120
			Total Thallium (Tl)	2025/11/21		97	%	80 - 120
			Total Thorium (Th)	2025/11/21		101	%	80 - 120
			Total Tin (Sn)	2025/11/21		101	%	80 - 120
			Total Titanium (Ti)	2025/11/21		107	%	80 - 120
			Total Uranium (U)	2025/11/21		102	%	80 - 120
			Total Vanadium (V)	2025/11/21		104	%	80 - 120
			Total Zinc (Zn)	2025/11/21		103	%	80 - 120
			Total Zirconium (Zr)	2025/11/21		102	%	80 - 120
C165138	AA1	Spiked Blank	Total Aluminum (Al)	2025/11/21		103	%	80 - 120
			Total Antimony (Sb)	2025/11/21		102	%	80 - 120
			Total Arsenic (As)	2025/11/21		104	%	80 - 120
			Total Barium (Ba)	2025/11/21		103	%	80 - 120
			Total Beryllium (Be)	2025/11/21		102	%	80 - 120
			Total Bismuth (Bi)	2025/11/21		96	%	80 - 120
			Total Boron (B)	2025/11/21		105	%	80 - 120
			Total Cadmium (Cd)	2025/11/21		104	%	80 - 120
			Total Cesium (Cs)	2025/11/21		95	%	80 - 120
			Total Chromium (Cr)	2025/11/21		101	%	80 - 120
			Total Cobalt (Co)	2025/11/21		99	%	80 - 120
			Total Copper (Cu)	2025/11/21		98	%	80 - 120
			Total Iron (Fe)	2025/11/21		103	%	80 - 120
			Total Lead (Pb)	2025/11/21		101	%	80 - 120
			Total Lithium (Li)	2025/11/21		106	%	80 - 120
			Total Manganese (Mn)	2025/11/21		95	%	80 - 120
			Total Molybdenum (Mo)	2025/11/21		105	%	80 - 120
			Total Nickel (Ni)	2025/11/21		92	%	80 - 120
			Total Phosphorus (P)	2025/11/21		105	%	80 - 120
			Total Rubidium (Rb)	2025/11/21		96	%	80 - 120
			Total Selenium (Se)	2025/11/21		104	%	80 - 120
			Total Silicon (Si)	2025/11/21		106	%	80 - 120
			Total Silver (Ag)	2025/11/21		101	%	80 - 120
			Total Strontium (Sr)	2025/11/21		106	%	80 - 120
			Total Tellurium (Te)	2025/11/21		106	%	80 - 120
			Total Thallium (Tl)	2025/11/21		101	%	80 - 120
			Total Thorium (Th)	2025/11/21		104	%	80 - 120
			Total Tin (Sn)	2025/11/21		102	%	80 - 120
			Total Titanium (Ti)	2025/11/21		103	%	80 - 120
			Total Uranium (U)	2025/11/21		103	%	80 - 120
			Total Vanadium (V)	2025/11/21		101	%	80 - 120
			Total Zinc (Zn)	2025/11/21		99	%	80 - 120
			Total Zirconium (Zr)	2025/11/21		106	%	80 - 120

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C165138	AA1	Method Blank	Total Aluminum (Al)	2025/11/21	ND, RDL=3.0		ug/L	
			Total Antimony (Sb)	2025/11/21	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/11/21	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/11/21	ND, RDL=0.050		ug/L	
			Total Beryllium (Be)	2025/11/21	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/11/21	ND, RDL=0.010		ug/L	
			Total Boron (B)	2025/11/21	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/11/21	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/11/21	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/11/21	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/11/21	ND, RDL=0.010		ug/L	
			Total Copper (Cu)	2025/11/21	ND, RDL=0.10		ug/L	
			Total Iron (Fe)	2025/11/21	ND, RDL=5.0		ug/L	
			Total Lead (Pb)	2025/11/21	ND, RDL=0.020		ug/L	
			Total Lithium (Li)	2025/11/21	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/11/21	ND, RDL=0.10		ug/L	
			Total Molybdenum (Mo)	2025/11/21	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/11/21	ND, RDL=0.10		ug/L	
			Total Phosphorus (P)	2025/11/21	ND, RDL=5.0		ug/L	
			Total Rubidium (Rb)	2025/11/21	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/11/21	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/11/21	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/11/21	ND, RDL=0.010		ug/L	
			Total Strontium (Sr)	2025/11/21	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/11/21	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/11/21	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/11/21	ND, RDL=0.050		ug/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Tin (Sn)	2025/11/21	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/11/21	ND, RDL=2.0		ug/L	
			Total Uranium (U)	2025/11/21	ND, RDL=0.0050		ug/L	
			Total Vanadium (V)	2025/11/21	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/11/21	ND, RDL=1.0		ug/L	
			Total Zirconium (Zr)	2025/11/21	ND, RDL=0.10		ug/L	
C165138	AA1	RPD	Total Aluminum (Al)	2025/11/21	1.6		%	20
			Total Antimony (Sb)	2025/11/21	1.2		%	20
			Total Arsenic (As)	2025/11/21	1.8		%	20
			Total Barium (Ba)	2025/11/21	0.47		%	20
			Total Beryllium (Be)	2025/11/21	NC		%	20
			Total Bismuth (Bi)	2025/11/21	NC		%	20
			Total Boron (B)	2025/11/21	4.9		%	20
			Total Cadmium (Cd)	2025/11/21	9.0		%	20
			Total Chromium (Cr)	2025/11/21	0.55		%	20
			Total Cobalt (Co)	2025/11/21	1.3		%	20
			Total Copper (Cu)	2025/11/21	6.2		%	20
			Total Iron (Fe)	2025/11/21	1.9		%	20
			Total Lead (Pb)	2025/11/21	8.0		%	20
			Total Lithium (Li)	2025/11/21	9.7		%	20
			Total Manganese (Mn)	2025/11/21	2.5		%	20
			Total Molybdenum (Mo)	2025/11/21	3.7		%	20
			Total Nickel (Ni)	2025/11/21	1.2		%	20
			Total Selenium (Se)	2025/11/21	6.9		%	20
			Total Silicon (Si)	2025/11/21	0.76		%	20
			Total Silver (Ag)	2025/11/21	NC		%	20
			Total Strontium (Sr)	2025/11/21	0.39		%	20
			Total Thallium (Tl)	2025/11/21	4.3		%	20
			Total Tin (Sn)	2025/11/21	NC		%	20
			Total Titanium (Ti)	2025/11/21	NC		%	20
			Total Uranium (U)	2025/11/21	6.1		%	20
			Total Vanadium (V)	2025/11/21	0.092		%	20
			Total Zinc (Zn)	2025/11/21	3.8		%	20
			Total Zirconium (Zr)	2025/11/21	NC		%	20
C165383	BB3	Matrix Spike [DXC038-10]	Total Ammonia (N)	2025/11/21		95	%	80 - 120
C165383	BB3	Spiked Blank	Total Ammonia (N)	2025/11/21		100	%	80 - 120
C165383	BB3	Method Blank	Total Ammonia (N)	2025/11/21	ND, RDL=0.015		mg/L	
C165383	BB3	RPD [DXC038-10]	Total Ammonia (N)	2025/11/21	NC		%	20
C165390	SOM	Matrix Spike	Bromide (Br)	2025/11/21		NC	%	78 - 120
C165390	SOM	Spiked Blank	Bromide (Br)	2025/11/21		106	%	80 - 120
C165390	SOM	Method Blank	Bromide (Br)	2025/11/21	ND, RDL=0.010		mg/L	
C165390	SOM	RPD	Bromide (Br)	2025/11/21	3.2		%	20
C170985	ABV	Matrix Spike	D10-ANTHRACENE (sur.)	2025/11/21		78	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/11/21		83	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/11/21		82	%	50 - 140

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			TERPHENYL-D14 (sur.)	2025/11/21		60	%	50 - 140
			Quinoline	2025/11/21		102	%	50 - 140
			Naphthalene	2025/11/21		77	%	50 - 140
			1-Methylnaphthalene	2025/11/21		77	%	50 - 140
			2-Methylnaphthalene	2025/11/21		74	%	50 - 140
			Acenaphthylene	2025/11/21		81	%	50 - 140
			Acenaphthene	2025/11/21		81	%	50 - 140
			Fluorene	2025/11/21		79	%	50 - 140
			Phenanthrene	2025/11/21		80	%	50 - 140
			Anthracene	2025/11/21		81	%	50 - 140
			Acridine	2025/11/21		93	%	50 - 140
			Fluoranthene	2025/11/21		62	%	50 - 140
			Pyrene	2025/11/21		65	%	50 - 140
			Benzo(a)anthracene	2025/11/21		31 (2)	%	50 - 140
			Chrysene	2025/11/21		36 (2)	%	50 - 140
			Benzo(b&j)fluoranthene	2025/11/21		10 (2)	%	50 - 140
			Benzo(k)fluoranthene	2025/11/21		12 (2)	%	50 - 140
			Benzo(a)pyrene	2025/11/21		8.1 (2)	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/11/21		3.1 (2)	%	50 - 140
			Dibenz(a,h)anthracene	2025/11/21		3.0 (2)	%	50 - 140
			Benzo(g,h,i)perylene	2025/11/21		3.6 (2)	%	50 - 140
C170985	ABV	Spiked Blank	D10-ANTHRACENE (sur.)	2025/11/21		92	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/11/21		87	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/11/21		84	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/11/21		86	%	50 - 140
			Quinoline	2025/11/21		96	%	50 - 140
			Naphthalene	2025/11/21		78	%	50 - 140
			1-Methylnaphthalene	2025/11/21		77	%	50 - 140
			2-Methylnaphthalene	2025/11/21		75	%	50 - 140
			Acenaphthylene	2025/11/21		78	%	50 - 140
			Acenaphthene	2025/11/21		78	%	50 - 140
			Fluorene	2025/11/21		75	%	50 - 140
			Phenanthrene	2025/11/21		78	%	50 - 140
			Anthracene	2025/11/21		80	%	50 - 140
			Acridine	2025/11/21		87	%	50 - 140
			Fluoranthene	2025/11/21		61	%	50 - 140
			Pyrene	2025/11/21		60	%	50 - 140
			Benzo(a)anthracene	2025/11/21		73	%	50 - 140
			Chrysene	2025/11/21		82	%	50 - 140
			Benzo(b&j)fluoranthene	2025/11/21		85	%	50 - 140
			Benzo(k)fluoranthene	2025/11/21		86	%	50 - 140
			Benzo(a)pyrene	2025/11/21		84	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/11/21		90	%	50 - 140
			Dibenz(a,h)anthracene	2025/11/21		90	%	50 - 140
			Benzo(g,h,i)perylene	2025/11/21		85	%	50 - 140
C170985	ABV	Method Blank	D10-ANTHRACENE (sur.)	2025/11/21		92	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/11/21		87	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/11/21		79	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/11/21		79	%	50 - 140
			Quinoline	2025/11/21	ND, RDL=0.020		ug/L	
			Naphthalene	2025/11/21	ND, RDL=0.10		ug/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			1-Methylnaphthalene	2025/11/21	ND, RDL=0.050		ug/L	
			2-Methylnaphthalene	2025/11/21	ND, RDL=0.10		ug/L	
			Acenaphthylene	2025/11/21	ND, RDL=0.050		ug/L	
			Acenaphthene	2025/11/21	ND, RDL=0.050		ug/L	
			Fluorene	2025/11/21	ND, RDL=0.050		ug/L	
			Phenanthrene	2025/11/21	ND, RDL=0.050		ug/L	
			Anthracene	2025/11/21	ND, RDL=0.010		ug/L	
			Acridine	2025/11/21	ND, RDL=0.050		ug/L	
			Fluoranthene	2025/11/21	ND, RDL=0.020		ug/L	
			Pyrene	2025/11/21	ND, RDL=0.020		ug/L	
			Benzo(a)anthracene	2025/11/21	ND, RDL=0.010		ug/L	
			Chrysene	2025/11/21	ND, RDL=0.020		ug/L	
			Benzo(b&j)fluoranthene	2025/11/21	ND, RDL=0.030		ug/L	
			Benzo(k)fluoranthene	2025/11/21	ND, RDL=0.050		ug/L	
			Benzo(a)pyrene	2025/11/21	ND, RDL=0.0050		ug/L	
			Indeno(1,2,3-cd)pyrene	2025/11/21	ND, RDL=0.050		ug/L	
			Dibenz(a,h)anthracene	2025/11/21	ND, RDL=0.0030		ug/L	
			Benzo(g,h,i)perylene	2025/11/21	ND, RDL=0.050		ug/L	
C170985	ABV	RPD	Quinoline	2025/11/22	NC		%	40
			Naphthalene	2025/11/22	NC		%	40
			1-Methylnaphthalene	2025/11/22	NC		%	40
			2-Methylnaphthalene	2025/11/22	NC		%	40
			Acenaphthylene	2025/11/22	NC		%	40
			Acenaphthene	2025/11/22	NC		%	40
			Fluorene	2025/11/22	4.1		%	40
			Phenanthrene	2025/11/22	NC		%	40
			Anthracene	2025/11/22	8.6		%	40
			Acridine	2025/11/22	6.1		%	40
			Fluoranthene	2025/11/22	17		%	40
			Pyrene	2025/11/22	9.0		%	40
			Benzo(a)anthracene	2025/11/22	0.78		%	40
			Chrysene	2025/11/22	0.33		%	40
			Benzo(b&j)fluoranthene	2025/11/22	NC		%	40
			Benzo(k)fluoranthene	2025/11/22	NC		%	40
			Benzo(a)pyrene	2025/11/22	NC		%	40
			Indeno(1,2,3-cd)pyrene	2025/11/22	NC		%	40

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dibenz(a,h)anthracene	2025/11/22	NC		%	40
			Benzo(g,h,i)perylene	2025/11/22	NC		%	40
C170995	IT1	Matrix Spike	O-TERPHENYL (sur.)	2025/11/21		101	%	60 - 140
			EPH (C10-C19)	2025/11/21		132	%	60 - 140
			EPH (C19-C32)	2025/11/21		183 (2)	%	60 - 140
C170995	IT1	Spiked Blank	O-TERPHENYL (sur.)	2025/11/21		97	%	60 - 140
			EPH (C10-C19)	2025/11/21		102	%	70 - 130
			EPH (C19-C32)	2025/11/21		113	%	70 - 130
C170995	IT1	Method Blank	O-TERPHENYL (sur.)	2025/11/21		99	%	60 - 140
			EPH (C10-C19)	2025/11/21	ND, RDL=0.20		mg/L	
			EPH (C19-C32)	2025/11/21	ND, RDL=0.20		mg/L	
C170995	IT1	RPD	EPH (C10-C19)	2025/11/22	NC		%	30
			EPH (C19-C32)	2025/11/22	NC		%	30
C171049	AA1	Matrix Spike [DXC038-07]	Dissolved Aluminum (Al)	2025/11/21		95	%	80 - 120
			Dissolved Antimony (Sb)	2025/11/21		97	%	80 - 120
			Dissolved Arsenic (As)	2025/11/21		98	%	80 - 120
			Dissolved Barium (Ba)	2025/11/21		97	%	80 - 120
			Dissolved Beryllium (Be)	2025/11/21		97	%	80 - 120
			Dissolved Bismuth (Bi)	2025/11/21		91	%	80 - 120
			Dissolved Boron (B)	2025/11/21		97	%	80 - 120
			Dissolved Cadmium (Cd)	2025/11/21		98	%	80 - 120
			Dissolved Cesium (Cs)	2025/11/21		90	%	80 - 120
			Dissolved Chromium (Cr)	2025/11/21		98	%	80 - 120
			Dissolved Cobalt (Co)	2025/11/21		97	%	80 - 120
			Dissolved Copper (Cu)	2025/11/21		92	%	80 - 120
			Dissolved Iron (Fe)	2025/11/21		97	%	80 - 120
			Dissolved Lead (Pb)	2025/11/21		93	%	80 - 120
			Dissolved Lithium (Li)	2025/11/21		94	%	80 - 120
			Dissolved Manganese (Mn)	2025/11/21		92	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/11/21		NC	%	80 - 120
			Dissolved Nickel (Ni)	2025/11/21		92	%	80 - 120
			Dissolved Phosphorus (P)	2025/11/21		94	%	80 - 120
			Dissolved Rubidium (Rb)	2025/11/21		91	%	80 - 120
			Dissolved Selenium (Se)	2025/11/21		97	%	80 - 120
			Dissolved Silicon (Si)	2025/11/21		98	%	80 - 120
			Dissolved Silver (Ag)	2025/11/21		97	%	80 - 120
			Dissolved Strontium (Sr)	2025/11/21		104	%	80 - 120
			Dissolved Tellurium (Te)	2025/11/21		100	%	80 - 120
			Dissolved Thallium (Tl)	2025/11/21		93	%	80 - 120
			Dissolved Thorium (Th)	2025/11/21		97	%	80 - 120
			Dissolved Tin (Sn)	2025/11/21		96	%	80 - 120
			Dissolved Titanium (Ti)	2025/11/21		98	%	80 - 120
			Dissolved Uranium (U)	2025/11/21		98	%	80 - 120
			Dissolved Vanadium (V)	2025/11/21		97	%	80 - 120
			Dissolved Zinc (Zn)	2025/11/21		97	%	80 - 120
			Dissolved Zirconium (Zr)	2025/11/21		99	%	80 - 120
C171049	AA1	Spiked Blank	Dissolved Aluminum (Al)	2025/11/21		100	%	80 - 120
			Dissolved Antimony (Sb)	2025/11/21		101	%	80 - 120
			Dissolved Arsenic (As)	2025/11/21		104	%	80 - 120
			Dissolved Barium (Ba)	2025/11/21		102	%	80 - 120
			Dissolved Beryllium (Be)	2025/11/21		101	%	80 - 120

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Bismuth (Bi)	2025/11/21		97	%	80 - 120
			Dissolved Boron (B)	2025/11/21		104	%	80 - 120
			Dissolved Cadmium (Cd)	2025/11/21		102	%	80 - 120
			Dissolved Cesium (Cs)	2025/11/21		93	%	80 - 120
			Dissolved Chromium (Cr)	2025/11/21		104	%	80 - 120
			Dissolved Cobalt (Co)	2025/11/21		102	%	80 - 120
			Dissolved Copper (Cu)	2025/11/21		102	%	80 - 120
			Dissolved Iron (Fe)	2025/11/21		103	%	80 - 120
			Dissolved Lead (Pb)	2025/11/21		99	%	80 - 120
			Dissolved Lithium (Li)	2025/11/21		97	%	80 - 120
			Dissolved Manganese (Mn)	2025/11/21		98	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/11/21		104	%	80 - 120
			Dissolved Nickel (Ni)	2025/11/21		98	%	80 - 120
			Dissolved Phosphorus (P)	2025/11/21		100	%	80 - 120
			Dissolved Rubidium (Rb)	2025/11/21		96	%	80 - 120
			Dissolved Selenium (Se)	2025/11/21		100	%	80 - 120
			Dissolved Silicon (Si)	2025/11/21		104	%	80 - 120
			Dissolved Silver (Ag)	2025/11/21		101	%	80 - 120
			Dissolved Strontium (Sr)	2025/11/21		103	%	80 - 120
			Dissolved Tellurium (Te)	2025/11/21		104	%	80 - 120
			Dissolved Thallium (Tl)	2025/11/21		98	%	80 - 120
			Dissolved Thorium (Th)	2025/11/21		102	%	80 - 120
			Dissolved Tin (Sn)	2025/11/21		100	%	80 - 120
			Dissolved Titanium (Ti)	2025/11/21		102	%	80 - 120
			Dissolved Uranium (U)	2025/11/21		100	%	80 - 120
			Dissolved Vanadium (V)	2025/11/21		101	%	80 - 120
			Dissolved Zinc (Zn)	2025/11/21		102	%	80 - 120
			Dissolved Zirconium (Zr)	2025/11/21		102	%	80 - 120
C171049	AA1	Method Blank	Dissolved Aluminum (Al)	2025/11/21	ND, RDL=0.50		ug/L	
			Dissolved Antimony (Sb)	2025/11/21	ND, RDL=0.020		ug/L	
			Dissolved Arsenic (As)	2025/11/21	ND, RDL=0.020		ug/L	
			Dissolved Barium (Ba)	2025/11/21	ND, RDL=0.020		ug/L	
			Dissolved Beryllium (Be)	2025/11/21	ND, RDL=0.010		ug/L	
			Dissolved Bismuth (Bi)	2025/11/21	ND, RDL=0.0050		ug/L	
			Dissolved Boron (B)	2025/11/21	ND, RDL=10		ug/L	
			Dissolved Cadmium (Cd)	2025/11/21	ND, RDL=0.0050		ug/L	
			Dissolved Cesium (Cs)	2025/11/21	ND, RDL=0.050		ug/L	
			Dissolved Chromium (Cr)	2025/11/21	ND, RDL=0.10		ug/L	
			Dissolved Cobalt (Co)	2025/11/21	ND, RDL=0.0050		ug/L	
			Dissolved Copper (Cu)	2025/11/21	ND, RDL=0.050		ug/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Iron (Fe)	2025/11/21	ND, RDL=1.0		ug/L	
			Dissolved Lead (Pb)	2025/11/21	ND, RDL=0.0050		ug/L	
			Dissolved Lithium (Li)	2025/11/21	ND, RDL=0.50		ug/L	
			Dissolved Manganese (Mn)	2025/11/21	ND, RDL=0.050		ug/L	
			Dissolved Molybdenum (Mo)	2025/11/21	ND, RDL=0.050		ug/L	
			Dissolved Nickel (Ni)	2025/11/21	ND, RDL=0.020		ug/L	
			Dissolved Phosphorus (P)	2025/11/21	ND, RDL=2.0		ug/L	
			Dissolved Rubidium (Rb)	2025/11/21	ND, RDL=0.050		ug/L	
			Dissolved Selenium (Se)	2025/11/21	ND, RDL=0.040		ug/L	
			Dissolved Silicon (Si)	2025/11/21	ND, RDL=50		ug/L	
			Dissolved Silver (Ag)	2025/11/21	ND, RDL=0.0050		ug/L	
			Dissolved Strontium (Sr)	2025/11/21	ND, RDL=0.050		ug/L	
			Dissolved Tellurium (Te)	2025/11/21	ND, RDL=0.020		ug/L	
			Dissolved Thallium (Tl)	2025/11/21	ND, RDL=0.0020		ug/L	
			Dissolved Thorium (Th)	2025/11/21	ND, RDL=0.0050		ug/L	
			Dissolved Tin (Sn)	2025/11/21	ND, RDL=0.20		ug/L	
			Dissolved Titanium (Ti)	2025/11/21	ND, RDL=0.50		ug/L	
			Dissolved Uranium (U)	2025/11/21	ND, RDL=0.0020		ug/L	
			Dissolved Vanadium (V)	2025/11/21	ND, RDL=0.20		ug/L	
			Dissolved Zinc (Zn)	2025/11/21	ND, RDL=0.10		ug/L	
			Dissolved Zirconium (Zr)	2025/11/21	ND, RDL=0.10		ug/L	
C171049	AA1	RPD [DXC038-07]	Dissolved Aluminum (Al)	2025/11/21	0.56		%	20
			Dissolved Antimony (Sb)	2025/11/21	0.94		%	20
			Dissolved Arsenic (As)	2025/11/21	0.18		%	20
			Dissolved Barium (Ba)	2025/11/21	0.11		%	20
			Dissolved Beryllium (Be)	2025/11/21	NC		%	20
			Dissolved Bismuth (Bi)	2025/11/21	NC		%	20
			Dissolved Boron (B)	2025/11/21	NC		%	20
			Dissolved Cadmium (Cd)	2025/11/21	5.3		%	20
			Dissolved Cesium (Cs)	2025/11/21	NC		%	20
			Dissolved Chromium (Cr)	2025/11/21	0.59		%	20
			Dissolved Cobalt (Co)	2025/11/21	1.3		%	20
			Dissolved Copper (Cu)	2025/11/21	1.8		%	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 Iron (Fe)	2025/11/21	2.7		%	20
			Dissolved Lead (Pb)	2025/11/21	NC		%	20
			Dissolved Lithium (Li)	2025/11/21	6.7		%	20
			Dissolved Manganese (Mn)	2025/11/21	0.89		%	20
			Dissolved Molybdenum (Mo)	2025/11/21	0.048		%	20
			Dissolved Nickel (Ni)	2025/11/21	6.5		%	20
			Dissolved Phosphorus (P)	2025/11/21	4.7		%	20
			Dissolved Rubidium (Rb)	2025/11/21	1.0		%	20
			Dissolved Selenium (Se)	2025/11/21	NC		%	20
			Dissolved Silicon (Si)	2025/11/21	3.6		%	20
			Dissolved Silver (Ag)	2025/11/21	NC		%	20
			Dissolved Strontium (Sr)	2025/11/21	0.23		%	20
			Dissolved Tellurium (Te)	2025/11/21	NC		%	20
			Dissolved Thallium (Tl)	2025/11/21	14		%	20
			Dissolved Thorium (Th)	2025/11/21	20		%	20
			Dissolved Tin (Sn)	2025/11/21	NC		%	20
			Dissolved Titanium (Ti)	2025/11/21	NC		%	20
			Dissolved Uranium (U)	2025/11/21	0.29		%	20
			Dissolved Vanadium (V)	2025/11/21	NC		%	20
			Dissolved Zinc (Zn)	2025/11/21	1.4		%	20
			Dissolved Zirconium (Zr)	2025/11/21	NC		%	20
C171091	BB3	Matrix Spike	Total Nitrogen (N)	2025/11/24		100	%	80 - 120
C171091	BB3	Spiked Blank	Total Nitrogen (N)	2025/11/24		102	%	80 - 120
C171091	BB3	Method Blank	Total Nitrogen (N)	2025/11/24	ND, RDL=0.020		mg/L	
C171091	BB3	RPD	Total Nitrogen (N)	2025/11/24	NC		%	20
C171154	BB3	Matrix Spike [DXC043-09]	Total Nitrogen (N)	2025/11/24		107	%	80 - 120
C171154	BB3	Spiked Blank	Total Nitrogen (N)	2025/11/24		102	%	80 - 120
C171154	BB3	Method Blank	Total Nitrogen (N)	2025/11/24	ND, RDL=0.020		mg/L	
C171154	BB3	RPD [DXC043-09]	Total Nitrogen (N)	2025/11/24	NC		%	20
C171370	MDO	Matrix Spike [DXC045-11]	Phenols	2025/11/21		100	%	80 - 120
C171370	MDO	Spiked Blank	Phenols	2025/11/21		98	%	80 - 120
C171370	MDO	Method Blank	Phenols	2025/11/21	ND, RDL=0.0015		mg/L	
C171370	MDO	RPD [DXC045-11]	Phenols	2025/11/21	NC		%	20
C171524	C2L	Matrix Spike	Total Mercury (Hg)	2025/11/21		104	%	80 - 120
C171524	C2L	Spiked Blank	Total Mercury (Hg)	2025/11/21		93	%	80 - 120
C171524	C2L	Method Blank	Total Mercury (Hg)	2025/11/21	ND, RDL=0.0019		ug/L	
C171524	C2L	RPD	Total Mercury (Hg)	2025/11/21	NC		%	20
C171536	MDO	Matrix Spike [DXC039-11]	Phenols	2025/11/21		101	%	80 - 120
C171536	MDO	Spiked Blank	Phenols	2025/11/21		99	%	80 - 120
C171536	MDO	Method Blank	Phenols	2025/11/21	ND, RDL=0.0015		mg/L	
C171536	MDO	RPD [DXC039-11]	Phenols	2025/11/21	NC		%	20
C171564	C2L	Matrix Spike	Total Mercury (Hg)	2025/11/21		104	%	80 - 120
C171564	C2L	Spiked Blank	Total Mercury (Hg)	2025/11/21		98	%	80 - 120
C171564	C2L	Method Blank	Total Mercury (Hg)	2025/11/21	ND, RDL=0.0019		ug/L	
C171564	C2L	RPD	Total Mercury (Hg)	2025/11/21	0.75		%	20
C171571	C2L	Matrix Spike	Dissolved Mercury (Hg)	2025/11/24		107	%	80 - 120
C171571	C2L	Spiked Blank	Dissolved Mercury (Hg)	2025/11/24		107	%	80 - 120

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C171571	C2L	Method Blank	Dissolved Mercury (Hg)	2025/11/24	ND, RDL=0.0019		ug/L	
C171571	C2L	RPD	Dissolved Mercury (Hg)	2025/11/24	18		%	20
C172554	AAX	Matrix Spike [DXC039-04]	Methyl Sulfone (sur.)	2025/11/24		100	%	50 - 140
			Ethylene Glycol	2025/11/24		96	%	60 - 140
			Diethylene Glycol	2025/11/24		115	%	60 - 140
			Triethylene Glycol	2025/11/24		109	%	60 - 140
			Propylene Glycol	2025/11/24		98	%	60 - 140
C172554	AAX	Spiked Blank	Methyl Sulfone (sur.)	2025/11/24		96	%	50 - 140
			Ethylene Glycol	2025/11/24		92	%	70 - 130
			Diethylene Glycol	2025/11/24		107	%	70 - 130
			Triethylene Glycol	2025/11/24		104	%	70 - 130
			Propylene Glycol	2025/11/24		91	%	70 - 130
C172554	AAX	Method Blank	Methyl Sulfone (sur.)	2025/11/24		96	%	50 - 140
			Ethylene Glycol	2025/11/24	ND, RDL=3.0		mg/L	
			Diethylene Glycol	2025/11/24	ND, RDL=5.0		mg/L	
			Triethylene Glycol	2025/11/24	ND, RDL=5.0		mg/L	
			Propylene Glycol	2025/11/24	ND, RDL=5.0		mg/L	
C172554	AAX	RPD [DXC045-04]	Ethylene Glycol	2025/11/24	NC		%	30
			Diethylene Glycol	2025/11/24	NC		%	30
			Triethylene Glycol	2025/11/24	NC		%	30
			Propylene Glycol	2025/11/24	NC		%	30
C172717	BTM	Matrix Spike [DXC038-01]	Dissolved Organic Carbon (C)	2025/11/25		95	%	80 - 120
C172717	BTM	Spiked Blank	Dissolved Organic Carbon (C)	2025/11/25		93	%	80 - 120
C172717	BTM	Method Blank	Dissolved Organic Carbon (C)	2025/11/25	ND, RDL=0.50		mg/L	
C172717	BTM	RPD [DXC038-01]	Dissolved Organic Carbon (C)	2025/11/25	0.78		%	20
C172782	NJD	Matrix Spike [DXC041-04]	Total Sulphide	2025/11/25		94	%	80 - 120
C172782	NJD	Spiked Blank	Total Sulphide	2025/11/25		88	%	80 - 120
C172782	NJD	Method Blank	Total Sulphide	2025/11/25	ND, RDL=0.0018		mg/L	
C172782	NJD	RPD [DXC045-05]	Total Sulphide	2025/11/25	NC		%	20
C172783	JAV	Matrix Spike [DXC038-02]	Total Hex. Chromium (Cr 6+)	2025/11/24		87	%	80 - 120
C172783	JAV	Spiked Blank	Total Hex. Chromium (Cr 6+)	2025/11/24		93	%	80 - 120
C172783	JAV	Method Blank	Total Hex. Chromium (Cr 6+)	2025/11/24	ND, RDL=0.00099		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
C172783	JAV	RPD [DXC038-02]	Total Hex. Chromium (Cr 6+)	2025/11/24	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) Detection limit raised due to interferent.

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

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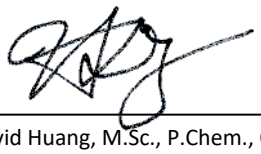
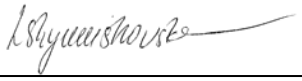
VALIDATION SIGNATURE PAGE

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

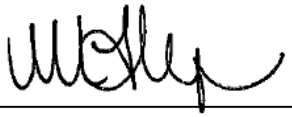


David Huang, M.Sc., P.Chem., QP, Scientific Services Manager

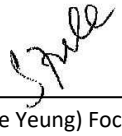


Luba Shymushovska, B.Sc., QP, Senior Analyst, Organics

Mariel Saavedra Marquez, Project Solutions Representative



Melissa Thompson, Scientist



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

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

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

C594836
2025/11/18 15:48

Custody Tracking Form

eCOC Number: W118590

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			
Will Sherwin		Date	18/11/25	Maria Zamora	MZ	Date	2025/11/18
		Time (24 HR)	15:40			Time (24 HR)	15:48
		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)	# of Coolers/Pkgs			
Will Sherwin	3	Rush ☐	Immediate Test ☐	Food Residue ☐
		Micro ☐		Food Chemistry ☐

Received At:

Labeled By:

Verified By:

Lab Comments:

we Floren

MVAN-2025-11-1242

Custody Seal		Cooling Media	Temperature °C		
Present (Y/N)	Intact (Y/N)	Present (Y/N)	1	2	3
N	N	Y	11	11	11
N	N	Y	12	11	10
N	N	Y	9	9	12

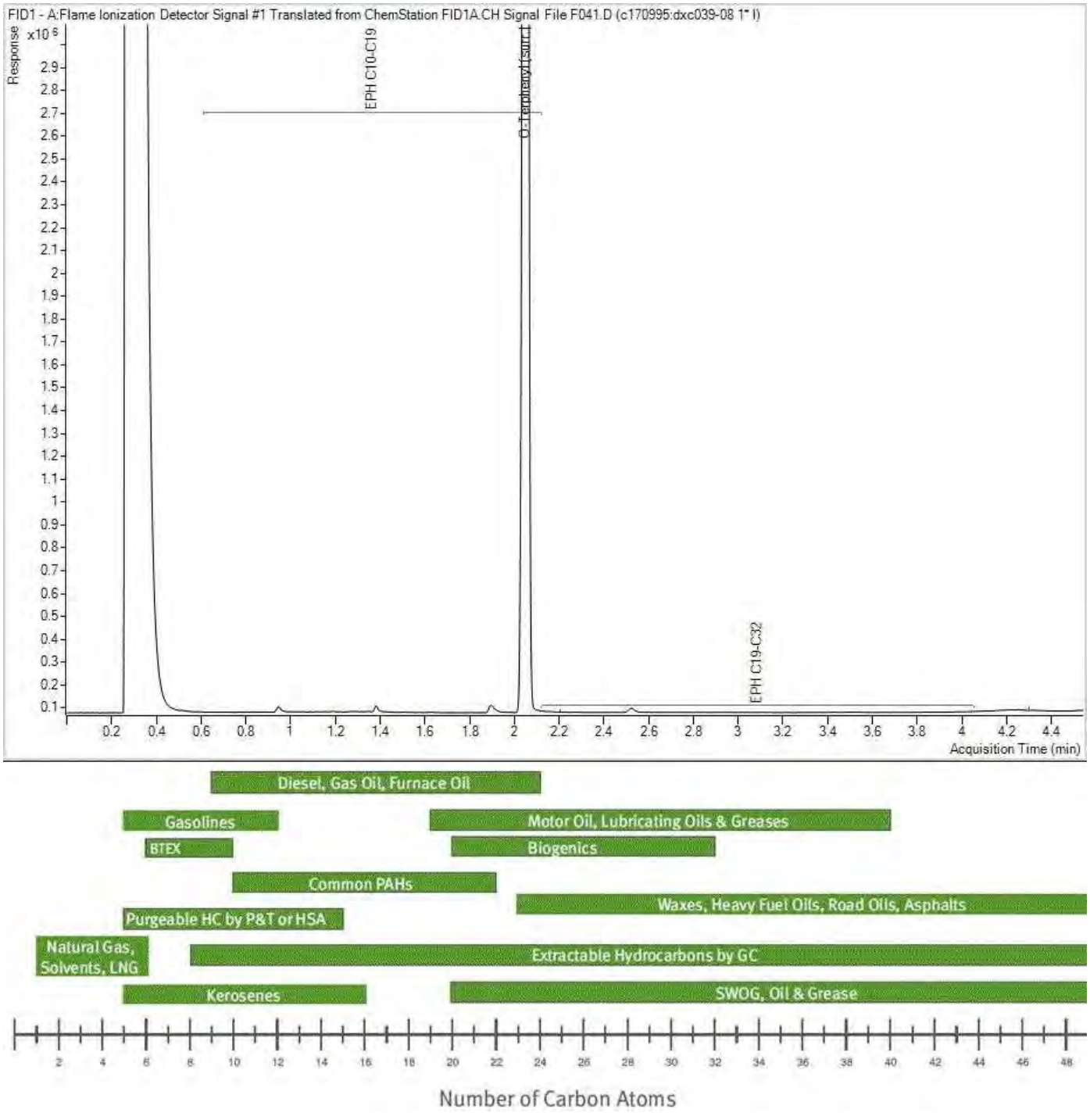
Drinking Water Metals Preservation Check Done (Circle): YES NO

CDR-FCD-00340-/5 PAGE 1 of 1

Bureau Veritas Job #: C594836
Report Date: 2025/12/02
Bureau Veritas Sample: DXC039

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

EPH in Water when PAH required Chromatogram

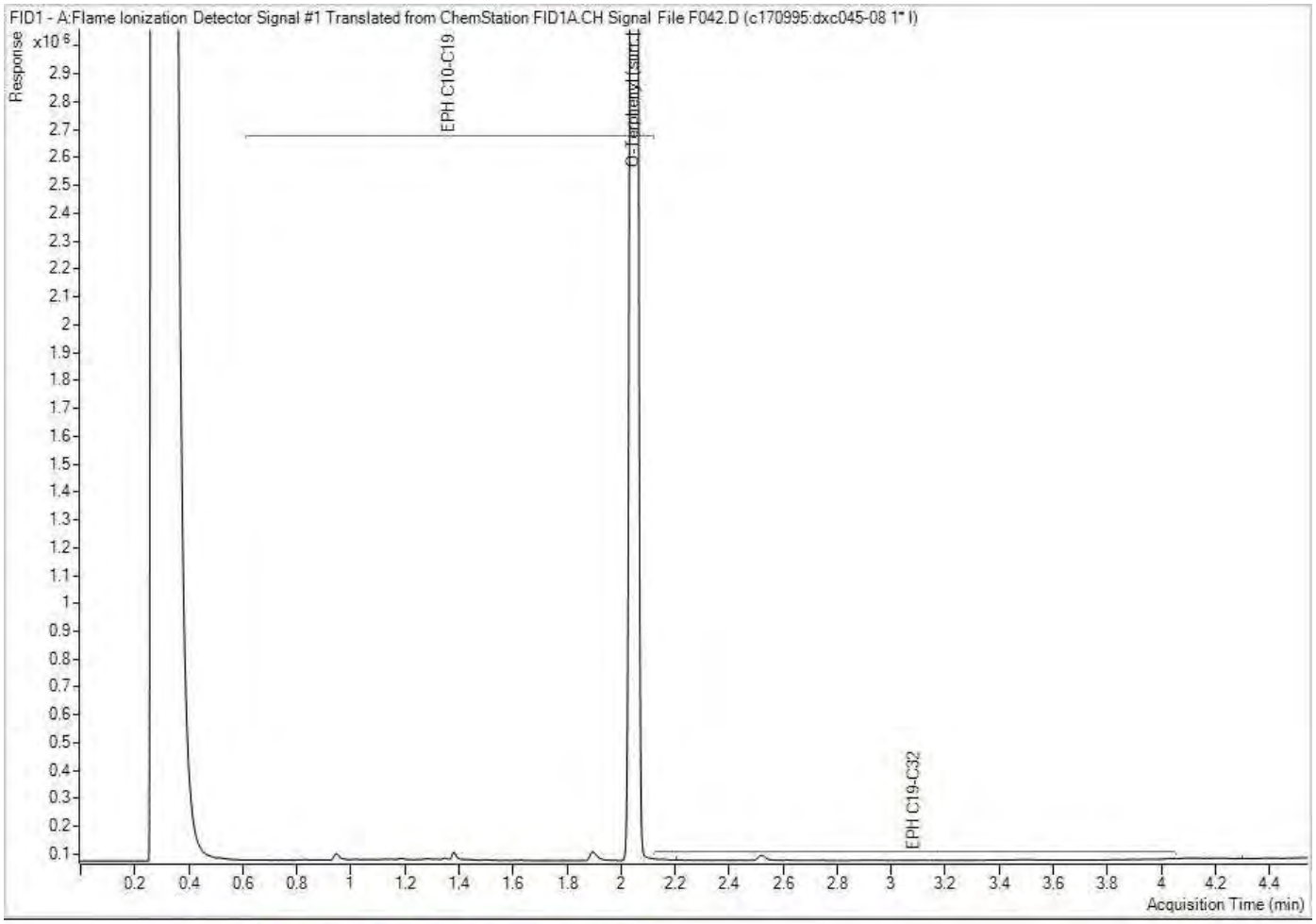


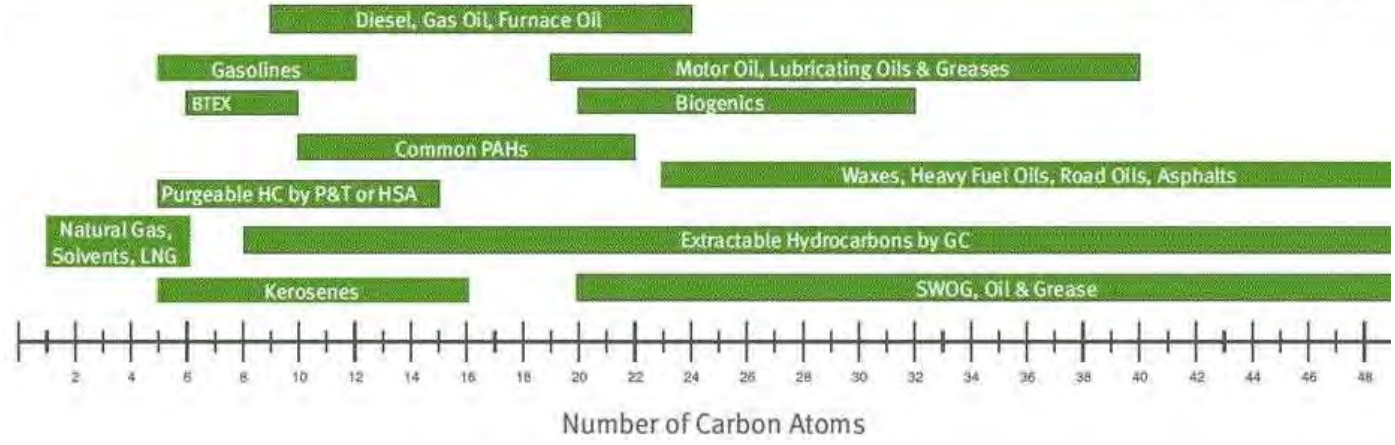
Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

Bureau Veritas Job #: C594836
Report Date: 2025/12/02
Bureau Veritas Sample: DXC045

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

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: W118590

Project Information:	C594836
Job Received:	2025/11/18 15:48
Expected TAT:	Standard TAT
Expected Arrival:	2025/11/18 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
mwhelly@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	2025/11/18	WATER	14	A				1
WLNG -EOP	2	2025/11/18	WATER	22	A	A		A	2
WLNG-US	3	2025/11/18	WATER	14	A				1
SQRI-US	4	2025/11/18	WATER	14	A				1
SQRI-DS	5	2025/11/18	WATER	14	A				1
BCR-EOP	6	2025/11/18	WATER	18	A	A			3
Field Blank	7	2025/11/18	WATER	14			A		4
Trip Blank	8	2025/11/18	WATER	14			A		4
DUP	9	2025/11/18	WATER	18	A	A			5

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

Submission Information

# of Samples: 9

Sample Set Listing

Set 1 (4 samples)	Set 2 (1 sample)	Set 3 (1 sample)	Set 4 (2 samples)	Set 5 (1 sample)
WLNG-DS	WLNG -EOP	BCR-EOP	Field Blank	DUP
WLNG-US			Trip Blank	
SQRI-US				
SQRI-DS				