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 a short-term acute BC WQGPAL exceedance of the Chloride ion from the discharge of the water treatment plant at BC Rail on November 25th.

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
BC Rail	2025-11-25	Yes-Appendix B	24.98

*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	2025-11-25	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	2025-11-25	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:
2025-11-24: Temperature, ORP, pH, and turbidity data were missing at 7:00, 9:00 and 10:00.
2025-11-25: Temperature, ORP, pH, and turbidity data were missing at 2:00 and 5:00.
2025-11-27: Temperature, ORP, pH, and turbidity data were missing at 00:00 and 17:00.
2025-11-28: Temperature, ORP, pH, and turbidity data were missing at 3:00.
2025-11-29: Temperature, ORP, pH, and turbidity data were missing at 11:00.

2025-11-30: Temperature, ORP, pH, and turbidity data were missing at 21:00.

Summary-Woodfibre

Site Activities and Exceedances

- Weekly upstream, downstream and end of pipe taken by the QP.
- Ongoing tunnelling at WLNG and grouting works to mitigate water ingress.
- The WLNG EOP D-Cu concentration (0.000509 mg/L) was above its sample-specific BC ST WQGPAL (freshwater) of 0.0002 mg/L by a factor of 2.5 times.
    - D-Cu at the upstream reference station WLNG US (0.000728 mg/L) exceeded the value observed in the EOP sample, indicating elevated background concentrations.
    - D-Cu at the downstream WLNG DS (0.000517 mg/L) station was also above the BC ST freshwater WQGPAL guideline (i.e., 0.000235 mg/L) but below the WLNG US upstream reference station results.
- Turbidity at EAS DS was measured to exceeded the short-term guideline (Change from background of 8 NTU) for a period of more than 24 hours from November 24 at 00:00 to November 30 at 23:00. The extended period of 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 at WLNG EOP were not consistent with these values. A review of FKM's continuous EOP turbidity monitoring shows that EOP turbidity levels also spiked during the exceedance event, but were not sustained for 24 hours. The Downstream sonde was cleaned on Dec 2nd, causing the turbidity to drop. In-situ NTU measurements from Nov 25th sampling were 6.75 NTU at the EOP and 3.49 NTU at the EAS DS.

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	2025-11-24	Yes-Appendix C	3,045 m^3
Woodfibre	2025-11-25	Yes-Appendix C	2,993 m^3
Woodfibre	2025-11-26	Yes-Appendix C	2,930 m^3
Woodfibre	2025-11-27	Yes-Appendix C	2,976 m^3
Woodfibre	2025-11-28	Yes-Appendix C	2,792 m^3
Woodfibre	2025-11-29	Yes-Appendix C	2,775 m^3
Woodfibre	2025-11-30	Yes-Appendix C	2,807 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	2025-11-25	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	2025-11-25	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:
2025-11-24: Temperature, conductivity, and salinity data were missing at 21:00.
2025-11-25: Temperature, conductivity, and salinity data were missing at 4:00 and 23:00.
2025-11-29: Temperature, conductivity, and salinity data were missing at 21:00.
2025-11-30: Temperature, conductivity, and salinity data were missing at 4:00,10:00, 16:00 and 22:00.

WLNG DS:
2025-11-25: Temperature, conductivity, ORP, pH, DO, turbidity and salinity data were missing at 9:00, 13:00 to 23:00.
2025-11-25: Temperature and ORP data were missing at 10:00.
2025-11-26: Temperature, conductivity, ORP, pH, DO, turbidity and salinity data were missing at 3:00, 4:00, 6:00, 8:00 to 10:00, 12:00, 16:00, 17:00, 21:00 and 22:00.
2025-11-26: Temperature and ORP data were missing at 11:00.
2025-11-27: Temperature, conductivity, ORP, pH, DO, turbidity and salinity data were missing at 2:00, 8:00, 10:00, 12:00, 13:00, 15:00, 16:00 and 21:00.
2025-11-27: Temperature and ORP data were missing at 11:00.
2025-11-28: Temperature, conductivity, ORP, pH, DO, turbidity and salinity data were missing at 7:00.
2025-11-28: Temperature and ORP data were missing at 17:00 and 18:00.
2025-11-29: Temperature and ORP data were missing at 00:00 and 16:00.
2025-11-29: Temperature, conductivity, ORP, pH, DO, turbidity and salinity data were missing at 5:00, 7:00, 9:00, 20:00 and 21:00
2025-11-30: Temperature, conductivity, ORP, pH, DO, turbidity and salinity data were missing at 9:00, 10:00 and 12:00

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

BCR 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	**BCR EOP 2025-11-25 13:35:00**
In situ Parameters								
Field pH	pH Units		6.5 - 9			7 - 8.7		7.04
Field Temperature	°C	18	19					8.3
General Parameters								
pH	pH Units							6.86
Alkalinity (Total as $CaCO_3$)	mg/L							50
Alkalinity (PP as $CaCO_3$)	mg/L							<1
Hardness ($CaCO_3$)-Total	mg/L							535
Hardness ($CaCO_3$)-Dissolved	mg/L							491
Sulphide-Total	mg/L							<0.0018
Sulphide (as H_2S)	mg/L			0.002				<0.002
Anions and Nutrients								
Ammonia (N)-Total	mg/L	1.65	16.7		18	121		4
Bicarbonate (HCO_3)	mg/L							60
Carbonate (CO_3)	mg/L							<1
Hydroxide (OH)	mg/L							<1
Nitrate (N)	mg/L	3	32.8		3.7			0.558
Nitrite (N)	mg/L	0.02	0.06					0.151
Nitrate plus Nitrite (N)	mg/L							0.709
Nitrogen (N)-Total	mg/L							5.46
Phosphorus (P)-Total (4500-P)	mg/L							0.044
Bromide (Br)	mg/L							10.7
Chloride (Cl)	mg/L	150	600					**2400**
Fluoride (F)	mg/L		0.622			1.5		0.18
Sulphate (SO_4)-Dissolved	mg/L	429						210
Total Metals								
Aluminum (Al)-Total	mg/L	0.083544						0.072
Antimony (Sb)-Total	mg/L	0.074	0.25					0.00267
Arsenic (As)-Total	mg/L	0.005			0.0125			0.00034
Barium (Ba)-Total	mg/L			1				0.121
Beryllium (Be)-Total	mg/L			0.00013			0.1	<0.00005
Bismuth (Bi)-Total	mg/L							<0.00005
Boron (B)-Total	mg/L	1.2			1.2			0.363
Cadmium (Cd)-Total	mg/L						0.00012	<0.000025
Calcium (Ca)-Total	mg/L							110
Cesium (Cs)-Total	mg/L							0.0004
Chromium (Cr)-Total	mg/L							<0.0005
Chromium (Cr III)-Total	mg/L			0.0089			0.056	<0.00099
Chromium (Cr VI)-Total	mg/L			0.0025			0.0015	<0.00099
Cobalt (Co)-Total	mg/L							0.000103
Copper (Cu)-Total	mg/L				0.002	0.003		0.00135
Iron (Fe)-Total	mg/L		1					0.275
Lead (Pb)-Total	mg/L				0.002	0.14		<0.0001
Lithium (Li)-Total	mg/L							0.0036
Magnesium (Mg)-Total	mg/L							63.3

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	**BCR EOP 2025-11-25 13:35:00**
Total Metals (Cont'd.)								
Manganese (Mn)-Total	mg/L	0.68	0.727				0.1	0.0136
Mercury (Hg)-Total	mg/L	0.00002			0.00002			<0.0000019
Molybdenum (Mo)-Total	mg/L	7.6	46					0.0258
Nickel (Ni)-Total	mg/L						0.0083	0.00093
Phosphorus (P)-Total (ICPMS)	mg/L							0.049
Potassium (K)-Total	mg/L							71.6
Rubidium (Rb)-Total	mg/L							0.0228
Selenium (Se)-Total	mg/L	0.002			0.002			0.00147
Silicon (Si)-Total	mg/L							5.86
Silver (Ag)-Total	mg/L	0.00012			0.0005	0.0037	0.0005	<0.00005
Sodium (Na)-Total	mg/L							1490
Strontium (Sr)-Total	mg/L							1.5
Sulphur (S)-Total	mg/L							93
Tellurium (Te)-Total	mg/L							<0.0001
Thallium (Tl)-Total	mg/L			0.00003				0.000011
Thorium (Th)-Total	mg/L							<0.00025
Tin (Sn)-Total	mg/L							<0.001
Titanium (Ti)-Total	mg/L							<0.01
Uranium (U)-Total	mg/L		0.0165	0.0075				<0.000025
Vanadium (V)-Total	mg/L			0.06			0.005	0.0021
Zinc (Zn)-Total	mg/L				0.01	0.055		0.0083
Zirconium (Zr)-Total	mg/L							<0.0005
Dissolved Metals								
Aluminum (Al)-Dissolved	mg/L							<0.0025
Antimony (Sb)-Dissolved	mg/L							0.00248
Arsenic (As)-Dissolved	mg/L							0.00021
Barium (Ba)-Dissolved	mg/L							0.105
Beryllium (Be)-Dissolved	mg/L							<0.00005
Bismuth (Bi)-Dissolved	mg/L							<0.000025
Boron (B)-Dissolved	mg/L							0.314
Cadmium (Cd)-Dissolved	mg/L	0.000057	0.000095					<0.000025
Calcium (Ca)-Dissolved	mg/L							98.8
Cesium (Cs)-Dissolved	mg/L							0.00034
Chromium (Cr)-Dissolved	mg/L							<0.0005
Cobalt (Co)-Dissolved	mg/L	0.000389						0.000089
Copper (Cu)-Dissolved	mg/L	0.00117	0.00716					**0.00144**
Iron (Fe)-Dissolved	mg/L		0.35					0.0109
Lead (Pb)-Dissolved	mg/L	0.001917						<0.000025
Lithium (Li)-Dissolved	mg/L							0.0032
Manganese (Mn)-Dissolved	mg/L							0.011
Magnesium (Mg)-Dissolved	mg/L							59.4
Mercury (Hg)-Dissolved	mg/L							<0.0000019
Molybdenum (Mo)-Dissolved	mg/L							0.0234
Nickel (Ni)-Dissolved	mg/L	0.0008	0.0123					0.00074

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	**BCR EOP 2025-11-25 13:35:00**
Dissolved Metals (Cont'd.)								
Phosphorus (P)-Dissolved	mg/L							0.013
Potassium (K)-Dissolved	mg/L							61.5
Rubidium (Rb)-Dissolved	mg/L							0.0197
Selenium (Se)-Dissolved	mg/L							0.00139
Silicon (Si)-Dissolved	mg/L							4.95
Silver (Ag)-Dissolved	mg/L							<0.000025
Sodium (Na)-Dissolved	mg/L							1420
Strontium (Sr)-Dissolved	mg/L			1.25				1.24
Sulphur (S)-Dissolved	mg/L							74
Tellurium (Te)-Dissolved	mg/L							<0.0001
Thallium (Tl)-Dissolved	mg/L							<0.00001
Thorium (Th)-Dissolved	mg/L							<0.000025
Tin (Sn)-Dissolved	mg/L							<0.001
Titanium (Ti)-Dissolved	mg/L							<0.0025
Uranium (U)-Dissolved	mg/L							0.000027
Vanadium (V)-Dissolved	mg/L							<0.001
Zinc (Zn)-Dissolved	mg/L	0.002433	0.010319					0.00849
Zirconium (Zr)-Dissolved	mg/L							<0.0005
Inorganics								
Organic Carbon (C)-Total	mg/L							5.1
Organic Carbon (C)-Dissolved	mg/L							4.6
Solids-Total Dissolved	mg/L							4200
Solids-Total Suspended	mg/L	11.4	31.4					3.6
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

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Organics (Cont'd.)								
Fluorene	mg/L	0.012			0.012			<0.00005
Indeno(1,2,3-cd)pyrene	mg/L							<0.00005
1-Methylnaphthalene	mg/L				0.001			<0.00005
2-Methylnaphthalene	mg/L				0.001			<0.0001
Naphthalene	mg/L	0.001	0.001		0.001			<0.0001
Phenanthrene	mg/L	0.0003						<0.00005
Pyrene	mg/L							<0.00002
Quinoline	mg/L							<0.00002
Low Molecular Weight PAH`s	mg/L							<0.0001
High Molecular Weight PAH`s	mg/L							<0.00005
Total PAH	mg/L							<0.0001
VH C6-C10	mg/L							<0.3
1,1,1,2-Tetrachloroethane	mg/L							<0.0005
1,1,1-Trichloroethane	mg/L							<0.0005
1,1,2,2-Tetrachloroethane	mg/L							<0.0005
1,1,2Trichloro-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

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	**BCR EOP 2025-11-25 13:35:00**
Organics (Cont'd.)								
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
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

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

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

[3] **Bold text** denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per [1] and [2] above. Given that application of chronic BC water quality guidelines for protection of aquatic life in the receiving environment downstream of the discharge does not represent a regulatory requirement and instead data are intended to be assessed relative to monthly average concentrations, exceedances of these guidelines are highlighted for information purposes, but detailed interpretation of guideline exceedances are not provided given that an interpretation of monthly trends and consideration of background influences and discharge chemistry is required.

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

BCR Site WTP Discharge Field Notes and Logs

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**BC Rail Water Discharge Report**	**Revision:**	**0**
Data	**November 25th Discharge**	**Prepared by:** **Date:**	**SD** **January 06**

On November 25th, FKM initiated a discharge at the BC Rail site. The discharge started at 13:29 and ended at 14:22. A total of 6,600 US gallons (24.98 m^3) of water was discharged at an average flow rate of approximately 130 GPM.

Any non-zero discharge flow rate shown in the PLC data prior to 13:29 is due to the system operating in recirculation mode beginning at approximately 00:00. The actual discharge commenced at 13:29, in the presence of FEI and Hatfield, to allow for sample collection before continuing the discharge. The total discharge volume was calculated using the flow meter on the discharge pipe. Prior to discharge, FKM confirmed that the water had no visible sheen.

Table 1: PLC Log

Date	Time	Discharge pH	Discharge Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status
11/25/2025	0:00:00	7.2	0.492	10.6	67,049	Open
11/25/2025	0:15:00	7.2	0.492	10.3	67,057	Open
11/25/2025	0:30:00	7.2	0.492	10.5	67,064	Open
11/25/2025	0:45:00	7.2	0.496	9.9	67,072	Open
11/25/2025	1:00:00	7.2	0.492	9.8	67,079	Open
11/25/2025	1:15:00	7.2	0.496	9.5	67,087	Open
11/25/2025	1:30:00	7.2	0.496	9.8	67,094	Open
11/25/2025	1:45:00	7.2	0.492	10	67,102	Open
11/25/2025	2:00:00	7.2	0.496	10	67,109	Open
11/25/2025	2:15:00	7.2	0.492	10	67,117	Open
11/25/2025	2:30:00	7.2	0.492	10	67,124	Open
11/25/2025	2:45:00	7.2	0.496	9.7	67,132	Open
11/25/2025	3:00:00	7.2	0.492	10	67,139	Open
11/25/2025	3:15:00	7.2	0.492	9.4	67,147	Open
11/25/2025	3:30:00	7.2	0.000	10.9	67,151	Open
11/25/2025	3:45:00	7.2	0.000	10.9	67,151	Open
11/25/2025	4:00:00	7.2	0.000	11	67,151	Open
11/25/2025	4:15:00	7.2	0.000	11.1	67,151	Open
11/25/2025	4:30:00	7.2	0.000	11.6	67,151	Open
11/25/2025	4:45:00	7.2	0.000	11.9	67,151	Open

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**BC Rail Water Discharge Report**	**Revision:**	**0**
Data	**November 25th Discharge**	**Prepared by:** **Date:**	**SD** **January 06**

Date	Time	Discharge pH	Discharge Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status
11/25/2025	5:00:00	7.2	0.000	12	67,151	Open
11/25/2025	5:15:00	7.2	0.000	12	67,151	Open
11/25/2025	5:30:00	7.2	0.000	12.2	67,151	Open
11/25/2025	5:45:00	7.2	0.000	12.5	67,151	Open
11/25/2025	6:00:00	7.2	0.000	12.5	67,151	Open
11/25/2025	6:15:00	7.1	0.000	12.7	67,151	Open
11/25/2025	6:30:00	7.1	0.000	12.6	67,151	Open
11/25/2025	6:45:00	7.1	0.000	12.4	67,151	Open
11/25/2025	7:00:00	7.1	0.000	12.6	67,151	Open
11/25/2025	7:15:00	7.1	0.000	12.4	67,151	Open
11/25/2025	7:30:00	7.1	0.000	12.3	67,151	Open
11/25/2025	7:45:00	7.1	0.000	12.3	67,151	Open
11/25/2025	8:00:00	7.1	0.000	12.4	67,151	Open
11/25/2025	8:15:00	7.1	0.000	12.3	67,151	Open
11/25/2025	8:30:00	7.1	0.000	12.5	67,151	Open
11/25/2025	8:45:00	7	0.000	12.4	67,151	Open
11/25/2025	9:00:00	7	0.000	12.3	67,151	Open
11/25/2025	9:15:00	7	0.000	12.3	67,151	Open
11/25/2025	9:30:00	7	0.000	12.4	67,151	Open
11/25/2025	9:45:00	7	0.000	12.3	67,151	Open
11/25/2025	10:00:00	7	0.000	12.3	67,151	Open
11/25/2025	10:15:00	7	0.000	12.2	67,151	Open
11/25/2025	10:30:00	7	0.000	12.2	67,151	Open
11/25/2025	10:45:00	7	0.000	12.4	67,151	Open
11/25/2025	11:00:00	7	0.000	12.4	67,151	Open
11/25/2025	11:15:00	7	0.000	12.4	67,151	Open
11/25/2025	11:30:00	7	0.000	12.4	67,151	Open
11/25/2025	11:45:00	6.9	0.000	12.4	67,151	Open
11/25/2025	12:00:00	6.9	0.000	12.4	67,151	Open
11/25/2025	12:15:00	6.9	0.000	12.6	67,151	Open
11/25/2025	12:30:00	6.9	0.000	12.5	67,151	Open
11/25/2025	12:45:00	6.9	0.000	12.6	67,151	Open
11/25/2025	13:00:00	6.9	0.000	12.5	67,151	Open
11/25/2025	13:15:00	6.9	0.000	12.5	67,151	Open
11/25/2025	13:30:00	6.9	0.000	12.6	67,151	Open

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**BC Rail Water Discharge Report**	**Revision:**	**0**
Data	**November 25th Discharge**	**Prepared by:** **Date:**	**SD** **January 06**

Date	Time	Discharge pH	Discharge Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status
11/25/2025	13:45:00	6.9	0.000	12.4	67,151	Open
11/25/2025	14:00:00	6.9	0.000	12.4	67,151	Open
11/25/2025	14:15:00	6.8	0.000	12.9	67,151	Open
11/25/2025	14:30:00	7.2	0.473	11.8	67,155	Open
11/25/2025	14:45:00	7.2	0.469	11.8	67,162	Open
11/25/2025	15:00:00	7.2	0.469	12.2	67,169	Open
11/25/2025	15:15:00	7.2	0.469	12	67,176	Open
11/25/2025	15:30:00	7.2	0.000	13.5	67,179	Open
11/25/2025	15:45:00	7.2	0.000	13.6	67,179	Closed
11/25/2025	16:00:00	7.1	0.000	13.9	67,179	Closed
11/25/2025	16:15:00	7.3	0.344	20.2	67,179	Closed
11/25/2025	16:30:00	7.4	0.579	19.1	67,179	Closed
11/25/2025	16:45:00	7.5	0.579	19.8	67,179	Closed
11/25/2025	17:00:00	7.6	0.503	20.5	67,184	Open
11/25/2025	17:15:00	7.6	0.503	23.6	67,191	Open
11/25/2025	17:30:00	7.6	0.500	25.7	67,199	Open
11/25/2025	17:45:00	7.5	0.000	28.4	67,199	Open
11/25/2025	18:00:00	7.5	0.000	27.4	67,199	Open
11/25/2025	18:15:00	7.5	0.000	27.4	67,199	Open
11/25/2025	18:30:00	7.5	0.000	26.9	67,199	Open
11/25/2025	18:45:00	7.4	0.000	27	67,199	Open
11/25/2025	19:00:00	7.4	0.000	26.6	67,199	Open
11/25/2025	19:15:00	7.4	0.000	26.8	67,199	Open
11/25/2025	19:30:00	7.4	0.000	26.4	67,199	Open
11/25/2025	19:45:00	7.3	0.000	26.3	67,199	Open
11/25/2025	20:00:00	7.4	0.000	25.5	67,199	Open
11/25/2025	20:15:00	7.4	0.000	25.1	67,199	Open
11/25/2025	20:30:00	7.4	0.000	25.2	67,199	Open
11/25/2025	20:45:00	7.3	0.000	25.5	67,199	Open
11/25/2025	21:00:00	7.3	0.000	25.5	67,199	Open
11/25/2025	21:15:00	7.3	0.000	25	67,199	Open
11/25/2025	21:30:00	7.3	0.000	24.5	67,199	Open
11/25/2025	21:45:00	7.3	0.000	24.1	67,199	Open
11/25/2025	22:00:00	7.3	0.000	23.9	67,199	Open
11/25/2025	22:15:00	7.3	0.000	24	67,199	Open

FRONTIER-KEMPER MICHELS® joint venture	Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope		
Title	**BC Rail Water Discharge Report**	**Revision:**	**0**
Data	**November 25th Discharge**	**Prepared by:** **Date:**	**SD** **January 06**

Date	Time	Discharge pH	Discharge Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status
11/25/2025	22:30:00	7.3	0.000	23.6	67,199	Open
11/25/2025	22:45:00	7.3	0.000	23.3	67,199	Open
11/25/2025	23:00:00	7.3	0.000	23	67,199	Open
11/25/2025	23:15:00	7.3	0.000	23	67,199	Open
11/25/2025	23:30:00	7.3	0.000	22.5	67,199	Open
11/25/2025	23:45:00	7.2	0.000	22.5	67,199	Open

Table 2: In-Situ Sample

Date	Time	Temperature (°C)	Conductivity (µS/cm)	DO (mg/L)	PH	ORP (mV)	NTU	Visible sheen
25/11/2024	02:02:33 PM	8.1	7958	10.47	7.06	190.7	0.44	No

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**BC Rail Water Discharge Report**	**Revision:**	**0**
Data	**November 25th Discharge**	**Prepared by:** **Date:**	**SD** **January 06**

Photos:

Photo 1: Discharged flow meter (beginning of discharging), November 25th


Photo 1: Discharged flow meter (ending of discharging), November 25th


FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**BC Rail Water Discharge Report**	**Revision:**	**0**
Data	**November 25th Discharge**	**Prepared by:** **Date:**	**SD** **January 06**

Photo 1: No visible sheen in WTP Tank, November 25th

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 2025-11-25 14:32:00**	**SQU DS 2025-11-25 14:15:00**
In situ Parameters									
Field pH	pH Units		6.5 - 9			7 - 8.7		7.27	7.71
Field Temperature	°C	18	19					5.6	5.8
General Parameters									
pH	pH Units							6.26	6.35
Alkalinity (Total as $CaCO_3$)	mg/L							15	15
Alkalinity (PP as $CaCO_3$)	mg/L							<1	<1
Hardness ($CaCO_3$)-Total	mg/L							17	17.7
Hardness ($CaCO_3$)-Dissolved	mg/L							16.4	16.5
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	1.65	16.7		18	121		0.027	0.02
Bicarbonate (HCO_3)	mg/L							19	18
Carbonate (CO_3)	mg/L							<1	<1
Hydroxide (OH)	mg/L							<1	<1
Nitrate (N)	mg/L	3	32.8		3.7			0.121	0.094
Nitrite (N)	mg/L	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	mg/L							0.121	0.094
Nitrogen (N)-Total	mg/L							0.203	0.157
Phosphorus (P)-Total (4500-P)	mg/L							0.028	0.022
Bromide (Br)	mg/L							<0.01	<0.01
Chloride (Cl)	mg/L	150	600					<1	2.4
Fluoride (F)	mg/L		0.622			1.5		<0.05	<0.05
Sulphate (SO_4)-Dissolved	mg/L	128						4.1	4
Total Metals									
Aluminum (Al)-Total	mg/L	0.083544						**0.106**	**0.106**
Antimony (Sb)-Total	mg/L	0.074	0.25					<0.00002	0.000023
Arsenic (As)-Total	mg/L	0.005			0.0125			0.000098	0.000125
Barium (Ba)-Total	mg/L			1				0.00823	0.009
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	0.0000146	0.0000091
Calcium (Ca)-Total	mg/L							5.75	6
Cesium (Cs)-Total	mg/L							<0.00005	<0.00005
Chromium (Cr)-Total	mg/L							0.00012	<0.0001
Chromium (Cr III)-Total	mg/L			0.0089			0.056	<0.00099	<0.00099
Chromium (Cr VI)-Total	mg/L			0.0025			0.0015	<0.00099	<0.00099
Cobalt (Co)-Total	mg/L							0.000083	0.0001
Copper (Cu)-Total	mg/L				0.002	0.003		0.00095	0.00096
Iron (Fe)-Total	mg/L		1					0.223	0.202
Lead (Pb)-Total	mg/L				0.002	0.14		0.00004	0.000038
Lithium (Li)-Total	mg/L							0.00062	0.00072
Magnesium (Mg)-Total	mg/L							0.64	0.67

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 2025-11-25 14:32:00**	**SQU DS 2025-11-25 14:15:00**
Total Metals (Cont'd.)									
Manganese (Mn)-Total	mg/L	0.68	0.727				0.1	0.0107	0.0111
Mercury (Hg)-Total	mg/L	0.00002			0.00002			0.0000026	<0.0000019
Molybdenum (Mo)-Total	mg/L	7.6	46					0.000489	0.000549
Nickel (Ni)-Total	mg/L						0.0083	0.00018	0.00019
Phosphorus (P)-Total (ICPMS)	mg/L							0.0295	0.0214
Potassium (K)-Total	mg/L							0.55	0.64
Rubidium (Rb)-Total	mg/L							0.000821	0.000875
Selenium (Se)-Total	mg/L	0.002			0.002			<0.00004	<0.00004
Silicon (Si)-Total	mg/L							4.72	4.54
Silver (Ag)-Total	mg/L	0.00012			0.0005	0.0037	0.0005	<0.00001	<0.00001
Sodium (Na)-Total	mg/L							2.04	3.19
Strontium (Sr)-Total	mg/L							0.0341	0.0368
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	0.0000024
Thorium (Th)-Total	mg/L							<0.00005	<0.00005
Tin (Sn)-Total	mg/L							<0.0002	<0.0002
Titanium (Ti)-Total	mg/L							0.0042	0.0034
Uranium (U)-Total	mg/L		0.0165	0.0075				0.0000324	0.0000363
Vanadium (V)-Total	mg/L			0.06			0.005	0.00103	0.00093
Zinc (Zn)-Total	mg/L				0.01	0.055		0.0017	0.0024
Zirconium (Zr)-Total	mg/L							<0.0001	<0.0001
Dissolved Metals									
Aluminum (Al)-Dissolved	mg/L							0.0358	0.0378
Antimony (Sb)-Dissolved	mg/L							<0.00002	<0.00002
Arsenic (As)-Dissolved	mg/L							0.000095	0.0001
Barium (Ba)-Dissolved	mg/L							0.00743	0.00771
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	0.000057	0.000095					0.0000076	0.000008
Calcium (Ca)-Dissolved	mg/L							5.58	5.56
Cesium (Cs)-Dissolved	mg/L							<0.00005	<0.00005
Chromium (Cr)-Dissolved	mg/L							<0.0001	<0.0001
Cobalt (Co)-Dissolved	mg/L	0.000389						0.0000675	0.0000695
Copper (Cu)-Dissolved	mg/L	0.00035	0.00211					**0.000704**	**0.000693**
Iron (Fe)-Dissolved	mg/L		0.35					0.126	0.102
Lead (Pb)-Dissolved	mg/L	0.001917						0.000012	0.0000077
Lithium (Li)-Dissolved	mg/L							0.00062	0.00074
Manganese (Mn)-Dissolved	mg/L							0.00951	0.00942
Magnesium (Mg)-Dissolved	mg/L							0.602	0.627
Mercury (Hg)-Dissolved	mg/L							<0.0000019	<0.0000019
Molybdenum (Mo)-Dissolved	mg/L							0.000506	0.000525
Nickel (Ni)-Dissolved	mg/L	0.0008	0.0123					0.000103	0.000108

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 2025-11-25 14:32:00**	**SQU DS 2025-11-25 14:15:00**
Dissolved Metals (Cont'd.)									
Phosphorus (P)-Dissolved	mg/L							0.0172	0.0123
Potassium (K)-Dissolved	mg/L							0.542	0.56
Rubidium (Rb)-Dissolved	mg/L							0.00079	0.000732
Selenium (Se)-Dissolved	mg/L							<0.00004	<0.00004
Silicon (Si)-Dissolved	mg/L							4.33	4.13
Silver (Ag)-Dissolved	mg/L							<0.000005	<0.000005
Sodium (Na)-Dissolved	mg/L							2.05	3.12
Strontium (Sr)-Dissolved	mg/L			1.25				0.0339	0.0355
Sulphur (S)-Dissolved	mg/L							<3	<3
Tellurium (Te)-Dissolved	mg/L							<0.00002	<0.00002
Thallium (Tl)-Dissolved	mg/L							<0.000002	<0.000002
Thorium (Th)-Dissolved	mg/L							<0.000005	<0.000005
Tin (Sn)-Dissolved	mg/L							<0.0002	<0.0002
Titanium (Ti)-Dissolved	mg/L							<0.0005	<0.0005
Uranium (U)-Dissolved	mg/L							0.0000258	0.0000287
Vanadium (V)-Dissolved	mg/L							0.00085	0.00076
Zinc (Zn)-Dissolved	mg/L	0.002433	0.010319					0.00103	0.00094
Zirconium (Zr)-Dissolved	mg/L							<0.0001	<0.0001
Inorganics									
Organic Carbon (C)-Total	mg/L							1.9	1.9
Organic Carbon (C)-Dissolved	mg/L							1.8	1.9
Solids-Total Dissolved	mg/L							36	36
Solids-Total Suspended	mg/L	11.4	31.4					6.4	5.6

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

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

[3]**Bold text** denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per [1] and [2] above. Given that application of chronic BC water quality guidelines for protection of aquatic life in the receiving environment downstream of the discharge does not represent a regulatory requirement and instead data are intended to be assessed relative to monthly average concentrations, exceedances of these guidelines are highlighted for information purposes, but detailed interpretation of guideline exceedances are not provided given that an interpretation of monthly trends and consideration of background influences and discharge chemistry is required.

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

BCR Site Receiving Environment Field Notes and Logs

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-11-24 00:00:00	6.08	30.28	0.52	7.28	11.13	4.42	0.01
SQU-DS	2025-11-24 00:15:00	6.05	29.98	0.53	7.26	11.12	10.55	0.01
SQU-DS	2025-11-24 00:30:00	6.03	30.08	0.53	7.24	11.12	9.73	0.01
SQU-DS	2025-11-24 00:45:00	6.03	30.88	0.53	7.21	11.13	10.37	0.01
SQU-DS	2025-11-24 01:00:00	6.01	31.25	0.53	7.25	11.13	8.42	0.01
SQU-DS	2025-11-24 01:15:00	6.00	31.23	0.52	7.27	11.13	7.42	0.01
SQU-DS	2025-11-24 01:30:00	5.99	31.06	0.52	7.27	11.13	9.74	0.01
SQU-DS	2025-11-24 01:45:00	5.96	31.61	0.52	7.29	11.12	11.70	0.01
SQU-DS	2025-11-24 02:00:00	5.94	31.52	0.52	7.24	11.13	11.13	0.01
SQU-DS	2025-11-24 02:15:00	5.92	31.54	0.52	7.30	11.13	11.31	0.01
SQU-DS	2025-11-24 02:30:00	5.90	31.77	0.52	7.34	11.14	10.86	0.01
SQU-DS	2025-11-24 02:45:00	5.88	32.18	0.52	7.27	11.13	8.75	0.01
SQU-DS	2025-11-24 03:00:00	5.85	32.30	0.52	7.27	11.13	5.88	0.01
SQU-DS	2025-11-24 03:15:00	5.83	32.04	0.52	7.25	11.14	6.53	0.01
SQU-DS	2025-11-24 03:30:00	5.80	32.28	0.52	7.24	11.15	6.68	0.01
SQU-DS	2025-11-24 03:45:00	5.78	32.34	0.52	7.33	11.16	7.51	0.01
SQU-DS	2025-11-24 04:00:00	5.76	32.66	0.52	7.30	11.15	6.90	0.01
SQU-DS	2025-11-24 04:15:00	5.76	33.60	0.52	7.32	11.15	6.31	0.01
SQU-DS	2025-11-24 04:30:00	5.74	33.81	0.52	7.28	11.16	6.16	0.01
SQU-DS	2025-11-24 04:45:00	5.73	34.06	0.52	7.32	11.15	6.88	0.01
SQU-DS	2025-11-24 05:00:00	5.73	34.37	0.52	7.32	11.16	5.81	0.01
SQU-DS	2025-11-24 05:15:00	5.72	34.08	0.52	7.27	11.17	8.29	0.01
SQU-DS	2025-11-24 05:30:00	5.70	34.10	0.52	7.26	11.13	9.68	0.01
SQU-DS	2025-11-24 05:45:00	5.69	34.16	0.52	7.24	11.08	6.35	0.01
SQU-DS	2025-11-24 06:00:00	5.66	33.89	0.52	7.22	11.13	4.54	0.01
SQU-DS	2025-11-24 06:15:00	5.64	33.42	0.52	7.29	11.16	5.39	0.01
SQU-DS	2025-11-24 06:30:00	5.62	33.99	0.52	7.31	11.18	2.21	0.01
SQU-DS	2025-11-24 06:45:00	5.60	33.62	0.52	7.29	11.20	0.12	0.01
SQU-DS	2025-11-24 07:00:00	5.59	33.22	0.52	7.27	11.21	1.37	0.01
SQU-DS	2025-11-24 07:15:00	5.57	32.92	0.53	7.25	11.22	3.07	0.01
SQU-DS	2025-11-24 07:30:00	5.57	32.29	0.53	7.23	11.21	0.00	0.01
SQU-DS	2025-11-24 07:45:00	5.55	31.65	0.53	7.23	11.22	0.00	0.01
SQU-DS	2025-11-24 08:00:00	5.53	31.27	0.53	7.22	11.22	0.00	0.01
SQU-DS	2025-11-24 08:15:00	5.51	30.98	0.54	7.22	11.20	0.00	0.01
SQU-DS	2025-11-24 08:30:00	5.50	30.89	0.54	7.21	11.19	0.00	0.01
SQU-DS	2025-11-24 08:45:00	5.50	30.85	0.54	7.21	11.20	0.00	0.01
SQU-DS	2025-11-24 09:00:00	5.49	30.58	0.54	7.21	11.19	0.00	0.01
SQU-DS	2025-11-24 09:15:00	5.48	30.44	0.54	7.20	11.19	0.00	0.01
SQU-DS	2025-11-24 09:30:00	5.47	30.61	0.54	7.20	11.19	0.00	0.01
SQU-DS	2025-11-24 09:45:00	5.49	30.68	0.54	7.19	11.18	0.00	0.01
SQU-DS	2025-11-24 10:00:00	5.49	30.26	0.54	7.18	11.18	0.00	0.01
SQU-DS	2025-11-24 10:15:00	5.50	30.25	0.54	7.17	11.16	0.00	0.01
SQU-DS	2025-11-24 10:30:00	5.50	30.15	0.54	7.17	11.16	0.00	0.01
SQU-DS	2025-11-24 10:45:00	5.52	29.73	0.54	7.16	11.16	0.00	0.01
SQU-DS	2025-11-24 11:00:00	5.53	29.48	0.54	7.16	11.15	0.00	0.01
SQU-DS	2025-11-24 11:15:00	5.55	29.26	0.54	7.16	11.16	0.00	0.01
SQU-DS	2025-11-24 11:30:00	5.58	28.91	0.54	7.16	11.15	0.00	0.01
SQU-DS	2025-11-24 11:45:00	5.60	28.73	0.54	7.14	11.14	0.00	0.01
SQU-DS	2025-11-24 12:00:00	5.63	28.35	0.54	7.15	11.13	0.00	0.01
SQU-DS	2025-11-24 12:15:00	5.64	28.00	0.54	7.15	11.12	0.00	0.01
SQU-DS	2025-11-24 12:30:00	5.66	27.64	0.54	7.15	11.12	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	2025-11-24 12:45:00	5.67	27.41	0.54	7.14	11.11	0.00	0.01
SQU-DS	2025-11-24 13:00:00	5.68	27.85	0.54	7.15	11.11	0.00	0.01
SQU-DS	2025-11-24 13:15:00	5.68	28.13	0.54	7.15	11.10	2.64	0.01
SQU-DS	2025-11-24 13:30:00	5.68	28.34	0.54	7.15	11.10	6.13	0.01
SQU-DS	2025-11-24 13:45:00	5.69	28.57	0.55	7.13	11.15	7.74	0.01
SQU-DS	2025-11-24 14:00:00	5.69	29.47	0.54	7.15	11.17	6.73	0.01
SQU-DS	2025-11-24 14:15:00	5.69	29.79	0.54	7.15	11.18	8.50	0.01
SQU-DS	2025-11-24 14:30:00	5.70	30.11	0.54	7.17	11.17	6.17	0.01
SQU-DS	2025-11-24 14:45:00	5.71	30.27	0.54	7.16	11.18	6.00	0.01
SQU-DS	2025-11-24 15:00:00	5.73	30.36	0.54	7.16	11.18	4.92	0.01
SQU-DS	2025-11-24 15:15:00	5.72	30.39	0.54	7.15	11.19	6.87	0.01
SQU-DS	2025-11-24 15:30:00	5.73	30.61	0.54	7.16	11.18	4.44	0.01
SQU-DS	2025-11-24 15:45:00	5.72	31.24	0.54	7.19	11.19	4.07	0.01
SQU-DS	2025-11-24 16:00:00	5.72	34.12	0.54	7.18	11.19	4.16	0.01
SQU-DS	2025-11-24 16:15:00	5.72	39.09	0.54	7.18	11.24	4.85	0.02
SQU-DS	2025-11-24 16:30:00	5.72	39.37	0.54	7.18	11.26	3.79	0.02
SQU-DS	2025-11-24 16:45:00	5.71	40.07	0.53	7.18	11.28	6.46	0.02
SQU-DS	2025-11-24 17:00:00	5.71	39.98	0.53	7.17	11.28	4.62	0.02
SQU-DS	2025-11-24 17:15:00	5.70	39.84	0.53	7.17	11.29	4.35	0.02
SQU-DS	2025-11-24 17:30:00	5.71	40.00	0.53	7.16	11.30	4.83	0.02
SQU-DS	2025-11-24 17:45:00	5.71	40.00	0.53	7.17	11.28	4.74	0.02
SQU-DS	2025-11-24 18:00:00	5.70	40.27	0.53	7.18	11.29	2.96	0.02
SQU-DS	2025-11-24 18:15:00	5.70	39.94	0.53	7.18	11.30	4.65	0.02
SQU-DS	2025-11-24 18:30:00	5.70	40.80	0.52	7.17	11.30	5.00	0.02
SQU-DS	2025-11-24 18:45:00	5.70	40.62	0.53	7.16	11.28	5.51	0.02
SQU-DS	2025-11-24 19:00:00	5.69	40.78	0.53	7.17	11.29	3.04	0.02
SQU-DS	2025-11-24 19:15:00	5.68	41.04	0.53	7.17	11.30	4.07	0.02
SQU-DS	2025-11-24 19:30:00	5.67	41.28	0.53	7.18	11.29	4.93	0.02
SQU-DS	2025-11-24 19:45:00	5.67	41.31	0.53	7.17	11.30	4.33	0.02
SQU-DS	2025-11-24 20:00:00	5.65	41.38	0.53	7.16	11.29	8.22	0.02
SQU-DS	2025-11-24 20:15:00	5.65	41.82	0.52	7.17	11.30	4.72	0.02
SQU-DS	2025-11-24 20:30:00	5.64	41.90	0.53	7.15	11.29	4.17	0.02
SQU-DS	2025-11-24 20:45:00	5.64	41.82	0.53	7.15	11.29	4.61	0.02
SQU-DS	2025-11-24 21:00:00	5.64	41.99	0.53	7.15	11.29	5.43	0.02
SQU-DS	2025-11-24 21:15:00	5.62	42.16	0.53	7.13	11.30	8.42	0.02
SQU-DS	2025-11-24 21:30:00	5.62	42.19	0.52	7.14	11.31	6.21	0.02
SQU-DS	2025-11-24 21:45:00	5.61	42.29	0.52	7.14	11.30	7.64	0.02
SQU-DS	2025-11-24 22:00:00	5.58	42.30	0.52	7.15	11.32	9.00	0.02
SQU-DS	2025-11-24 22:15:00	5.56	42.58	0.52	7.14	11.31	9.08	0.02
SQU-DS	2025-11-24 22:30:00	5.55	42.28	0.52	7.15	11.31	8.33	0.02
SQU-DS	2025-11-24 22:45:00	5.52	42.40	0.52	7.16	11.33	7.74	0.02
SQU-DS	2025-11-24 23:00:00	5.51	42.71	0.52	7.15	11.32	6.92	0.02
SQU-DS	2025-11-24 23:15:00	5.49	42.85	0.52	7.15	11.34	8.25	0.02
SQU-DS	2025-11-24 23:30:00	5.47	42.56	0.52	7.15	11.34	8.05	0.02
SQU-DS	2025-11-24 23:45:00	5.47	42.86	0.52	7.14	11.35	6.71	0.02
SQU-DS	2025-11-25 00:00:00	5.45	42.68	0.52	7.12	11.34	9.10	0.02
SQU-DS	2025-11-25 00:15:00	5.44	42.52	0.52	7.14	11.35	7.74	0.02
SQU-DS	2025-11-25 00:30:00	5.43	42.89	0.52	7.14	11.38	10.17	0.02
SQU-DS	2025-11-25 00:45:00	5.43	42.88	0.51	7.15	11.37	9.48	0.02
SQU-DS	2025-11-25 01:00:00	5.41	42.97	0.51	7.14	11.38	11.80	0.02
SQU-DS	2025-11-25 01:15:00	5.40	42.72	0.51	7.15	11.37	10.49	0.02

Squamish River								
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**	**Salinity (PSU)**
SQU-DS	2025-11-25 01:30:00	5.39	42.96	0.51	7.16	11.38	10.04	0.02
SQU-DS	2025-11-25 01:45:00	5.38	42.84	0.51	7.17	11.39	8.31	0.02
SQU-DS	2025-11-25 02:00:00	5.37	42.92	0.51	7.14	11.40	9.49	0.02
SQU-DS	2025-11-25 02:15:00	5.36	43.02	0.51	7.16	11.39	9.11	0.02
SQU-DS	2025-11-25 02:30:00	5.35	43.02	0.51	7.15	11.40	10.38	0.02
SQU-DS	2025-11-25 02:45:00	5.34	43.05	0.51	7.15	11.41	9.78	0.02
SQU-DS	2025-11-25 03:00:00	5.32	42.84	0.51	7.14	11.41	12.12	0.02
SQU-DS	2025-11-25 03:15:00	5.31	42.72	0.50	7.14	11.42	9.13	0.02
SQU-DS	2025-11-25 03:30:00	5.29	42.83	0.50	7.15	11.43	9.57	0.02
SQU-DS	2025-11-25 03:45:00	5.28	42.97	0.50	7.15	11.42	10.99	0.02
SQU-DS	2025-11-25 04:00:00	5.27	42.90	0.50	7.17	11.42	10.50	0.02
SQU-DS	2025-11-25 04:15:00	5.26	42.92	0.50	7.16	11.42	11.37	0.02
SQU-DS	2025-11-25 04:30:00	5.25	42.97	0.50	7.17	11.44	9.69	0.02
SQU-DS	2025-11-25 04:45:00	5.24	43.03	0.50	7.16	11.44	11.01	0.02
SQU-DS	2025-11-25 05:00:00	5.23	43.13	0.50	7.15	11.43	10.34	0.02
SQU-DS	2025-11-25 05:15:00	5.22	43.27	0.50	7.16	11.44	11.17	0.02
SQU-DS	2025-11-25 05:30:00	5.22	43.49	0.50	7.17	11.44	10.60	0.02
SQU-DS	2025-11-25 05:45:00	5.21	43.40	0.50	7.17	11.42	10.60	0.02
SQU-DS	2025-11-25 06:00:00	5.20	43.46	0.50	7.17	11.44	11.73	0.02
SQU-DS	2025-11-25 06:15:00	5.20	43.51	0.50	7.18	11.43	11.03	0.02
SQU-DS	2025-11-25 06:30:00	5.20	43.54	0.50	7.16	11.43	11.35	0.02
SQU-DS	2025-11-25 06:45:00	5.19	43.58	0.50	7.17	11.44	11.47	0.02
SQU-DS	2025-11-25 07:00:00	5.18	43.54	0.50	7.18	11.43	10.08	0.02
SQU-DS	2025-11-25 07:15:00	5.18	43.70	0.50	7.18	11.44	10.48	0.02
SQU-DS	2025-11-25 07:30:00	5.16	43.58	0.50	7.19	11.44	8.91	0.02
SQU-DS	2025-11-25 07:45:00	5.15	43.09	0.50	7.20	11.45	7.76	0.02
SQU-DS	2025-11-25 08:00:00	5.15	42.77	0.50	7.20	11.46	4.81	0.02
SQU-DS	2025-11-25 08:15:00	5.14	43.51	0.50	7.20	11.46	4.31	0.02
SQU-DS	2025-11-25 08:30:00	5.13	43.04	0.50	7.21	11.48	4.56	0.02
SQU-DS	2025-11-25 08:45:00	5.12	42.43	0.51	7.22	11.49	3.91	0.02
SQU-DS	2025-11-25 09:00:00	5.13	42.56	0.51	7.21	11.48	1.66	0.02
SQU-DS	2025-11-25 09:15:00	5.13	42.70	0.51	7.21	11.46	1.24	0.02
SQU-DS	2025-11-25 09:30:00	5.13	42.49	0.52	7.22	11.47	0.61	0.02
SQU-DS	2025-11-25 09:45:00	5.12	42.57	0.52	7.23	11.49	0.63	0.02
SQU-DS	2025-11-25 10:00:00	5.14	42.98	0.52	7.22	11.48	0.13	0.02
SQU-DS	2025-11-25 10:15:00	5.15	43.16	0.53	7.22	11.46	0.00	0.02
SQU-DS	2025-11-25 10:30:00	5.16	43.26	0.53	7.22	11.47	0.00	0.02
SQU-DS	2025-11-25 10:45:00	5.17	43.41	0.53	7.20	11.45	0.00	0.02
SQU-DS	2025-11-25 11:00:00	5.18	43.61	0.53	7.21	11.46	0.00	0.02
SQU-DS	2025-11-25 11:15:00	5.19	44.06	0.53	7.20	11.45	0.00	0.02
SQU-DS	2025-11-25 11:30:00	5.20	44.20	0.53	7.21	11.42	0.00	0.02
SQU-DS	2025-11-25 11:45:00	5.22	44.26	0.54	7.19	11.41	0.00	0.02
SQU-DS	2025-11-25 12:00:00	5.22	43.99	0.54	7.19	11.41	0.00	0.02
SQU-DS	2025-11-25 12:15:00	5.24	44.35	0.54	7.19	11.41	0.00	0.02
SQU-DS	2025-11-25 12:30:00	5.24	44.23	0.54	7.19	11.41	0.00	0.02
SQU-DS	2025-11-25 12:45:00	5.26	44.94	0.54	7.19	11.39	0.00	0.02
SQU-DS	2025-11-25 13:00:00	5.28	45.22	0.54	7.18	11.40	0.00	0.02
SQU-DS	2025-11-25 13:15:00	5.29	45.21	0.54	7.18	11.40	0.00	0.02
SQU-DS	2025-11-25 13:30:00	5.30	45.20	0.54	7.18	11.37	1.04	0.02
SQU-DS	2025-11-25 13:45:00	5.31	45.32	0.54	7.18	11.36	1.94	0.02
SQU-DS	2025-11-25 14:00:00	5.33	45.63	0.54	7.18	11.35	2.07	0.02

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-11-25 14:15:00	5.35	51.60	0.53	7.16	11.37	26.09	0.02
SQU-DS	2025-11-25 14:30:00	5.36	52.75	0.53	7.15	11.36	21.07	0.02
SQU-DS	2025-11-25 14:45:00	5.37	54.77	0.53	7.15	11.34	19.99	0.02
SQU-DS	2025-11-25 15:00:00	5.37	51.23	0.53	7.16	11.33	19.33	0.02
SQU-DS	2025-11-25 15:15:00	5.38	48.90	0.53	7.17	11.33	20.96	0.02
SQU-DS	2025-11-25 15:30:00	5.38	47.86	0.53	7.14	11.35	20.59	0.02
SQU-DS	2025-11-25 15:45:00	5.38	47.28	0.53	7.12	11.33	20.76	0.02
SQU-DS	2025-11-25 16:00:00	5.39	47.72	0.52	7.16	11.33	20.51	0.02
SQU-DS	2025-11-25 16:15:00	5.38	47.05	0.52	7.17	11.33	19.89	0.02
SQU-DS	2025-11-25 16:30:00	5.38	47.02	0.52	7.17	11.32	22.84	0.02
SQU-DS	2025-11-25 16:45:00	5.37	47.02	0.52	7.16	11.33	20.56	0.02
SQU-DS	2025-11-25 17:00:00	5.38	47.22	0.52	7.15	11.31	21.73	0.02
SQU-DS	2025-11-25 17:15:00	5.37	47.30	0.52	7.18	11.33	19.77	0.02
SQU-DS	2025-11-25 17:30:00	5.38	47.23	0.52	7.16	11.31	19.68	0.02
SQU-DS	2025-11-25 17:45:00	5.38	47.68	0.52	7.13	11.30	21.10	0.02
SQU-DS	2025-11-25 18:00:00	5.37	47.66	0.52	7.18	11.32	20.18	0.02
SQU-DS	2025-11-25 18:15:00	5.37	47.52	0.52	7.19	11.31	20.96	0.02
SQU-DS	2025-11-25 18:30:00	5.36	47.52	0.52	7.17	11.29	20.38	0.02
SQU-DS	2025-11-25 18:45:00	5.36	47.69	0.52	7.16	11.31	20.95	0.02
SQU-DS	2025-11-25 19:00:00	5.38	48.03	0.52	7.19	11.28	20.22	0.02
SQU-DS	2025-11-25 19:15:00	5.38	47.88	0.52	7.17	11.27	20.04	0.02
SQU-DS	2025-11-25 19:30:00	5.38	48.05	0.52	7.15	11.26	19.71	0.02
SQU-DS	2025-11-25 19:45:00	5.38	48.34	0.52	7.18	11.26	20.77	0.02
SQU-DS	2025-11-25 20:00:00	5.38	48.41	0.52	7.18	11.25	20.61	0.02
SQU-DS	2025-11-25 20:15:00	5.38	48.20	0.52	7.13	11.22	20.40	0.02
SQU-DS	2025-11-25 20:30:00	5.39	48.96	0.52	7.15	11.22	20.17	0.02
SQU-DS	2025-11-25 20:45:00	5.40	49.33	0.51	7.16	11.22	20.66	0.02
SQU-DS	2025-11-25 21:00:00	5.37	48.66	0.51	7.15	11.26	20.46	0.02
SQU-DS	2025-11-25 21:15:00	5.37	48.80	0.51	7.12	11.25	21.86	0.02
SQU-DS	2025-11-25 21:30:00	5.39	48.99	0.51	7.13	11.24	24.86	0.02
SQU-DS	2025-11-25 21:45:00	5.37	48.99	0.51	7.17	11.22	20.41	0.02
SQU-DS	2025-11-25 22:00:00	5.36	48.65	0.51	7.16	11.24	23.02	0.02
SQU-DS	2025-11-25 22:15:00	5.35	48.65	0.51	7.17	11.21	20.65	0.02
SQU-DS	2025-11-25 22:30:00	5.35	48.52	0.51	7.16	11.23	21.65	0.02
SQU-DS	2025-11-25 22:45:00	5.33	48.46	0.51	7.15	11.25	21.87	0.02
SQU-DS	2025-11-25 23:00:00	5.33	48.44	0.50	7.15	11.24	21.45	0.02
SQU-DS	2025-11-25 23:15:00	5.33	48.67	0.50	7.17	11.22	20.50	0.02
SQU-DS	2025-11-25 23:30:00	5.32	48.53	0.50	7.13	11.23	21.28	0.02
SQU-DS	2025-11-25 23:45:00	5.32	48.61	0.50	7.16	11.23	22.01	0.02
SQU-DS	2025-11-26 00:00:00	5.32	48.74	0.50	7.13	11.23	20.72	0.02
SQU-DS	2025-11-26 00:15:00	5.31	48.58	0.50	7.18	11.25	21.33	0.02
SQU-DS	2025-11-26 00:30:00	5.31	48.59	0.50	7.16	11.24	23.41	0.02
SQU-DS	2025-11-26 00:45:00	5.30	48.46	0.50	7.16	11.24	22.93	0.02
SQU-DS	2025-11-26 01:00:00	5.30	48.46	0.50	7.19	11.25	22.47	0.02
SQU-DS	2025-11-26 01:15:00	5.30	48.51	0.50	7.18	11.25	22.79	0.02
SQU-DS	2025-11-26 01:30:00	5.30	48.60	0.49	7.17	11.26	23.08	0.02
SQU-DS	2025-11-26 01:45:00	5.30	48.46	0.49	7.19	11.23	23.12	0.02
SQU-DS	2025-11-26 02:00:00	5.29	48.23	0.50	7.11	11.24	21.73	0.02
SQU-DS	2025-11-26 02:15:00	5.28	48.26	0.49	7.17	11.26	23.41	0.02
SQU-DS	2025-11-26 02:30:00	5.28	48.15	0.49	7.18	11.25	22.77	0.02
SQU-DS	2025-11-26 02:45:00	5.28	48.00	0.49	7.18	11.27	23.33	0.02

Squamish River								
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**	**Salinity (PSU)**
SQU-DS	2025-11-26 03:00:00	5.28	47.93	0.49	7.16	11.27	22.73	0.02
SQU-DS	2025-11-26 03:15:00	5.27	47.91	0.49	7.16	11.28	23.17	0.02
SQU-DS	2025-11-26 03:30:00	5.27	47.91	0.49	7.20	11.26	22.59	0.02
SQU-DS	2025-11-26 03:45:00	5.28	48.47	0.49	7.18	11.25	23.13	0.02
SQU-DS	2025-11-26 04:00:00	5.27	47.89	0.49	7.20	11.27	22.91	0.02
SQU-DS	2025-11-26 04:15:00	5.27	47.97	0.49	7.20	11.28	22.50	0.02
SQU-DS	2025-11-26 04:30:00	5.25	48.11	0.48	7.19	11.29	22.83	0.02
SQU-DS	2025-11-26 04:45:00	5.25	48.14	0.48	7.20	11.27	22.22	0.02
SQU-DS	2025-11-26 05:00:00	5.24	48.07	0.48	7.19	11.26	23.77	0.02
SQU-DS	2025-11-26 05:15:00	5.22	47.89	0.49	7.19	11.29	23.17	0.02
SQU-DS	2025-11-26 05:30:00	5.22	48.23	0.49	7.20	11.28	22.34	0.02
SQU-DS	2025-11-26 05:45:00	5.21	47.94	0.49	7.14	11.29	22.44	0.02
SQU-DS	2025-11-26 06:00:00	5.22	48.23	0.49	7.16	11.28	23.94	0.02
SQU-DS	2025-11-26 06:15:00	5.21	48.06	0.49	7.17	11.29	22.40	0.02
SQU-DS	2025-11-26 06:30:00	5.22	48.27	0.49	7.19	11.31	23.53	0.02
SQU-DS	2025-11-26 06:45:00	5.23	48.42	0.49	7.20	11.28	23.02	0.02
SQU-DS	2025-11-26 07:00:00	5.22	48.12	0.49	7.16	11.31	23.08	0.02
SQU-DS	2025-11-26 07:15:00	5.22	48.19	0.49	7.20	11.30	22.58	0.02
SQU-DS	2025-11-26 07:30:00	5.21	48.14	0.49	7.19	11.31	22.96	0.02
SQU-DS	2025-11-26 07:45:00	5.21	48.14	0.49	7.19	11.32	22.61	0.02
SQU-DS	2025-11-26 08:00:00	5.21	48.18	0.49	7.20	11.31	22.28	0.02
SQU-DS	2025-11-26 08:15:00	5.20	48.09	0.49	7.20	11.35	22.41	0.02
SQU-DS	2025-11-26 08:30:00	5.19	47.91	0.49	7.22	11.36	21.10	0.02
SQU-DS	2025-11-26 08:45:00	5.18	47.79	0.49	7.20	11.39	21.54	0.02
SQU-DS	2025-11-26 09:00:00	5.18	47.88	0.48	7.24	11.39	22.36	0.02
SQU-DS	2025-11-26 09:15:00	5.19	47.99	0.49	7.24	11.37	21.33	0.02
SQU-DS	2025-11-26 09:30:00	5.19	48.09	0.49	7.27	11.37	21.18	0.02
SQU-DS	2025-11-26 09:45:00	5.20	48.07	0.49	7.27	11.36	22.51	0.02
SQU-DS	2025-11-26 10:00:00	5.21	47.99	0.50	7.26	11.35	29.39	0.02
SQU-DS	2025-11-26 10:15:00	5.23	47.93	0.50	7.24	11.38	30.03	0.02
SQU-DS	2025-11-26 10:30:00	5.25	48.38	0.51	7.28	11.37	30.14	0.02
SQU-DS	2025-11-26 10:45:00	5.29	49.54	0.51	7.26	11.35	24.30	0.02
SQU-DS	2025-11-26 11:00:00	5.32	49.43	0.51	7.26	11.31	23.29	0.02
SQU-DS	2025-11-26 11:15:00	5.34	49.03	0.51	7.27	11.32	23.17	0.02
SQU-DS	2025-11-26 11:30:00	5.38	49.68	0.51	7.25	11.31	22.68	0.02
SQU-DS	2025-11-26 11:45:00	5.41	50.21	0.52	7.24	11.18	22.74	0.02
SQU-DS	2025-11-26 12:00:00	5.45	51.40	0.52	7.24	10.94	20.11	0.02
SQU-DS	2025-11-26 12:15:00	5.47	51.27	0.52	7.24	11.23	20.83	0.02
SQU-DS	2025-11-26 12:30:00	5.48	50.43	0.52	7.23	11.26	21.25	0.02
SQU-DS	2025-11-26 12:45:00	5.50	50.50	0.52	7.22	11.25	21.91	0.02
SQU-DS	2025-11-26 13:00:00	5.54	50.77	0.52	7.23	11.25	23.13	0.02
SQU-DS	2025-11-26 13:15:00	5.56	50.14	0.52	7.22	11.25	25.91	0.02
SQU-DS	2025-11-26 13:30:00	5.60	50.01	0.52	7.15	11.27	19.46	0.02
SQU-DS	2025-11-26 13:45:00	5.62	50.32	0.51	7.22	11.23	21.43	0.02
SQU-DS	2025-11-26 14:00:00	5.64	50.07	0.51	7.20	11.22	21.56	0.02
SQU-DS	2025-11-26 14:15:00	5.64	49.88	0.51	7.17	11.18	20.80	0.02
SQU-DS	2025-11-26 14:30:00	5.65	49.97	0.51	7.19	11.22	22.43	0.02
SQU-DS	2025-11-26 14:45:00	5.65	50.29	0.51	7.18	11.20	24.62	0.02
SQU-DS	2025-11-26 15:00:00	5.64	50.03	0.50	7.18	11.21	22.97	0.02
SQU-DS	2025-11-26 15:15:00	5.63	49.92	0.50	7.14	11.21	19.85	0.02
SQU-DS	2025-11-26 15:30:00	5.62	49.89	0.50	7.15	11.22	20.82	0.02

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-11-26 15:45:00	5.61	49.80	0.49	7.18	11.20	23.59	0.02
SQU-DS	2025-11-26 16:00:00	5.61	50.18	0.49	7.18	11.21	24.17	0.02
SQU-DS	2025-11-26 16:15:00	5.59	49.75	0.49	7.10	11.21	21.20	0.02
SQU-DS	2025-11-26 16:30:00	5.59	49.94	0.49	7.17	11.20	21.39	0.02
SQU-DS	2025-11-26 16:45:00	5.58	49.79	0.49	7.13	11.20	15.81	0.02
SQU-DS	2025-11-26 17:00:00	5.57	49.83	0.48	7.13	11.21	17.51	0.02
SQU-DS	2025-11-26 17:15:00	5.57	49.96	0.48	7.18	11.20	20.62	0.02
SQU-DS	2025-11-26 17:30:00	5.56	49.70	0.48	7.18	11.21	20.90	0.02
SQU-DS	2025-11-26 17:45:00	5.56	49.75	0.47	7.20	11.20	21.29	0.02
SQU-DS	2025-11-26 18:00:00	5.55	49.84	0.47	7.17	11.18	21.46	0.02
SQU-DS	2025-11-26 18:15:00	5.56	49.97	0.48	7.12	11.18	19.36	0.02
SQU-DS	2025-11-26 18:30:00	5.56	50.13	0.47	7.12	11.17	18.41	0.02
SQU-DS	2025-11-26 18:45:00	5.56	50.18	0.47	7.18	11.19	20.78	0.02
SQU-DS	2025-11-26 19:00:00	5.56	50.30	0.47	7.16	11.18	19.88	0.02
SQU-DS	2025-11-26 19:15:00	5.56	50.42	0.47	7.19	11.17	20.52	0.02
SQU-DS	2025-11-26 19:30:00	5.56	50.39	0.47	7.17	11.18	23.22	0.02
SQU-DS	2025-11-26 19:45:00	5.56	50.41	0.47	7.18	11.18	21.47	0.02
SQU-DS	2025-11-26 20:00:00	5.57	50.62	0.47	7.17	11.18	20.50	0.02
SQU-DS	2025-11-26 20:15:00	5.56	50.64	0.46	7.19	11.18	19.59	0.02
SQU-DS	2025-11-26 20:30:00	5.55	50.74	0.46	7.17	11.19	21.77	0.02
SQU-DS	2025-11-26 20:45:00	5.55	50.78	0.46	7.20	11.17	23.01	0.02
SQU-DS	2025-11-26 21:00:00	5.55	51.06	0.46	7.19	11.18	22.18	0.02
SQU-DS	2025-11-26 21:15:00	5.56	51.32	0.46	7.16	11.17	21.72	0.02
SQU-DS	2025-11-26 21:30:00	5.53	50.97	0.46	7.17	11.18	20.32	0.02
SQU-DS	2025-11-26 21:45:00	5.52	50.86	0.46	7.19	11.18	25.21	0.02
SQU-DS	2025-11-26 22:00:00	5.52	50.86	0.46	7.16	11.19	25.79	0.02
SQU-DS	2025-11-26 22:15:00	5.51	51.03	0.46	7.15	11.20	28.24	0.02
SQU-DS	2025-11-26 22:30:00	5.51	50.85	0.46	7.12	11.20	19.67	0.02
SQU-DS	2025-11-26 22:45:00	5.50	50.94	0.45	7.17	11.21	28.34	0.02
SQU-DS	2025-11-26 23:00:00	5.50	50.98	0.45	7.17	11.21	24.30	0.02
SQU-DS	2025-11-26 23:15:00	5.49	50.90	0.45	7.16	11.19	27.48	0.02
SQU-DS	2025-11-26 23:30:00	5.49	51.15	0.45	7.21	11.18	27.90	0.02
SQU-DS	2025-11-26 23:45:00	5.48	51.00	0.45	7.16	11.17	26.73	0.02
SQU-DS	2025-11-27 00:00:00	5.47	50.88	0.45	7.20	11.20	28.42	0.02
SQU-DS	2025-11-27 00:15:00	5.46	51.00	0.45	7.19	11.22	28.59	0.02
SQU-DS	2025-11-27 00:30:00	5.45	50.69	0.45	7.17	11.22	20.14	0.02
SQU-DS	2025-11-27 00:45:00	5.45	50.84	0.45	7.18	11.21	27.90	0.02
SQU-DS	2025-11-27 01:00:00	5.44	50.93	0.45	7.14	11.19	23.36	0.02
SQU-DS	2025-11-27 01:15:00	5.44	50.75	0.45	7.15	11.22	25.51	0.02
SQU-DS	2025-11-27 01:30:00	5.43	50.68	0.45	7.18	11.22	28.78	0.02
SQU-DS	2025-11-27 01:45:00	5.43	50.60	0.45	7.18	11.22	27.65	0.02
SQU-DS	2025-11-27 02:00:00	5.42	50.50	0.45	7.15	11.22	21.62	0.02
SQU-DS	2025-11-27 02:15:00	5.42	50.66	0.44	7.18	11.22	23.37	0.02
SQU-DS	2025-11-27 02:30:00	5.42	50.55	0.44	7.17	11.20	22.03	0.02
SQU-DS	2025-11-27 02:45:00	5.42	50.58	0.44	7.17	11.21	25.00	0.02
SQU-DS	2025-11-27 03:00:00	5.41	50.57	0.44	7.21	11.22	25.24	0.02
SQU-DS	2025-11-27 03:15:00	5.42	50.84	0.44	7.16	11.22	22.72	0.02
SQU-DS	2025-11-27 03:30:00	5.40	50.15	0.44	7.20	11.22	26.44	0.02
SQU-DS	2025-11-27 03:45:00	5.40	50.33	0.44	7.19	11.23	17.70	0.02
SQU-DS	2025-11-27 04:00:00	5.39	50.42	0.44	7.19	11.22	26.28	0.02
SQU-DS	2025-11-27 04:15:00	5.38	50.35	0.44	7.20	11.24	24.22	0.02

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-11-27 04:30:00	5.38	50.38	0.44	7.19	11.22	21.81	0.02
SQU-DS	2025-11-27 04:45:00	5.37	50.40	0.44	7.20	11.23	24.83	0.02
SQU-DS	2025-11-27 05:00:00	5.37	50.42	0.44	7.18	11.21	25.23	0.02
SQU-DS	2025-11-27 05:15:00	5.37	50.48	0.44	7.20	11.24	24.47	0.02
SQU-DS	2025-11-27 05:30:00	5.36	50.59	0.44	7.17	11.23	20.04	0.02
SQU-DS	2025-11-27 05:45:00	5.36	50.63	0.44	7.20	11.23	25.80	0.02
SQU-DS	2025-11-27 06:00:00	5.35	50.63	0.44	7.18	11.23	24.53	0.02
SQU-DS	2025-11-27 06:15:00	5.34	50.64	0.44	7.18	11.21	24.64	0.02
SQU-DS	2025-11-27 06:30:00	5.34	50.69	0.43	7.21	11.21	23.54	0.02
SQU-DS	2025-11-27 06:45:00	5.34	50.69	0.43	7.22	11.22	23.47	0.02
SQU-DS	2025-11-27 07:00:00	5.33	50.77	0.43	7.19	11.22	24.39	0.02
SQU-DS	2025-11-27 07:15:00	5.33	50.67	0.44	7.16	11.22	18.99	0.02
SQU-DS	2025-11-27 07:30:00	5.33	50.78	0.43	7.22	11.21	24.54	0.02
SQU-DS	2025-11-27 07:45:00	5.32	50.80	0.43	7.23	11.21	24.61	0.02
SQU-DS	2025-11-27 08:00:00	5.31	50.63	0.44	7.15	11.24	18.09	0.02
SQU-DS	2025-11-27 08:15:00	5.31	50.77	0.43	7.22	11.24	25.42	0.02
SQU-DS	2025-11-27 08:30:00	5.30	50.62	0.44	7.19	11.21	25.82	0.02
SQU-DS	2025-11-27 08:45:00	5.30	50.51	0.44	7.23	11.23	26.33	0.02
SQU-DS	2025-11-27 09:00:00	5.29	50.33	0.44	7.27	11.25	26.16	0.02
SQU-DS	2025-11-27 09:15:00	5.28	50.51	0.44	7.27	11.21	23.65	0.02
SQU-DS	2025-11-27 09:30:00	5.28	50.48	0.45	7.26	11.24	26.01	0.02
SQU-DS	2025-11-27 09:45:00	5.28	50.42	0.45	7.27	11.22	23.79	0.02
SQU-DS	2025-11-27 10:00:00	5.28	50.40	0.46	7.27	11.21	23.40	0.02
SQU-DS	2025-11-27 10:15:00	5.28	50.53	0.46	7.26	11.22	23.18	0.02
SQU-DS	2025-11-27 10:30:00	5.28	50.29	0.46	7.29	11.22	22.00	0.02
SQU-DS	2025-11-27 10:45:00	5.29	50.38	0.47	7.29	11.24	21.52	0.02
SQU-DS	2025-11-27 11:00:00	5.30	50.35	0.47	7.27	11.24	18.45	0.02
SQU-DS	2025-11-27 11:15:00	5.31	50.54	0.48	7.28	11.23	19.33	0.02
SQU-DS	2025-11-27 11:30:00	5.33	50.94	0.48	7.28	11.24	28.41	0.02
SQU-DS	2025-11-27 11:45:00	5.35	51.37	0.48	7.29	11.21	25.48	0.02
SQU-DS	2025-11-27 12:00:00	5.38	52.38	0.48	7.29	11.20	26.67	0.02
SQU-DS	2025-11-27 12:15:00	5.40	53.07	0.49	7.27	11.20	18.22	0.02
SQU-DS	2025-11-27 12:30:00	5.44	54.14	0.49	7.28	11.16	17.74	0.02
SQU-DS	2025-11-27 12:45:00	5.45	54.44	0.49	7.27	11.11	19.91	0.02
SQU-DS	2025-11-27 13:00:00	5.47	54.82	0.49	7.27	11.06	19.23	0.02
SQU-DS	2025-11-27 13:15:00	5.48	54.57	0.49	7.25	11.07	24.28	0.02
SQU-DS	2025-11-27 13:30:00	5.48	53.94	0.49	7.26	11.10	19.21	0.02
SQU-DS	2025-11-27 13:45:00	5.48	53.73	0.49	7.25	11.12	24.97	0.02
SQU-DS	2025-11-27 14:00:00	5.49	53.20	0.49	7.23	11.12	23.45	0.02
SQU-DS	2025-11-27 14:15:00	5.50	53.03	0.49	7.25	11.14	22.96	0.02
SQU-DS	2025-11-27 14:30:00	5.51	52.84	0.49	7.25	11.12	24.04	0.02
SQU-DS	2025-11-27 14:45:00	5.51	52.64	0.49	7.24	11.10	24.86	0.02
SQU-DS	2025-11-27 15:00:00	5.51	52.21	0.48	7.24	11.12	23.86	0.02
SQU-DS	2025-11-27 15:15:00	5.52	52.42	0.48	7.21	11.12	22.19	0.02
SQU-DS	2025-11-27 15:30:00	5.52	52.36	0.48	7.21	11.11	25.51	0.02
SQU-DS	2025-11-27 15:45:00	5.52	52.21	0.47	7.19	11.11	23.29	0.02
SQU-DS	2025-11-27 16:00:00	5.51	52.04	0.47	7.20	11.11	26.39	0.02
SQU-DS	2025-11-27 16:15:00	5.52	52.26	0.46	7.21	11.09	26.64	0.02
SQU-DS	2025-11-27 16:30:00	5.50	52.06	0.46	7.19	11.09	29.05	0.02
SQU-DS	2025-11-27 16:45:00	5.49	52.12	0.46	7.18	11.11	29.50	0.02
SQU-DS	2025-11-27 17:00:00	5.49	52.30	0.46	7.17	11.09	28.45	0.02

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-11-27 17:15:00	5.48	52.33	0.45	7.19	11.09	25.76	0.02
SQU-DS	2025-11-27 17:30:00	5.47	52.24	0.45	7.18	11.10	25.82	0.02
SQU-DS	2025-11-27 17:45:00	5.47	52.20	0.45	7.19	11.09	23.98	0.02
SQU-DS	2025-11-27 18:00:00	5.47	52.42	0.45	7.21	11.08	24.12	0.02
SQU-DS	2025-11-27 18:15:00	5.46	52.50	0.45	7.21	11.08	25.11	0.02
SQU-DS	2025-11-27 18:30:00	5.46	52.48	0.45	7.20	11.06	23.86	0.02
SQU-DS	2025-11-27 18:45:00	5.47	52.53	0.45	7.19	11.06	23.65	0.02
SQU-DS	2025-11-27 19:00:00	5.46	52.48	0.45	7.20	11.08	25.90	0.02
SQU-DS	2025-11-27 19:15:00	5.46	52.54	0.45	7.17	11.07	22.60	0.02
SQU-DS	2025-11-27 19:30:00	5.47	52.66	0.45	7.19	11.08	25.68	0.02
SQU-DS	2025-11-27 19:45:00	5.47	52.74	0.44	7.20	11.09	25.27	0.02
SQU-DS	2025-11-27 20:00:00	5.47	52.59	0.44	7.21	11.08	23.66	0.02
SQU-DS	2025-11-27 20:15:00	5.48	52.78	0.44	7.19	11.09	26.08	0.02
SQU-DS	2025-11-27 20:30:00	5.47	52.75	0.44	7.19	11.09	23.39	0.02
SQU-DS	2025-11-27 20:45:00	5.47	52.71	0.44	7.16	11.08	29.66	0.02
SQU-DS	2025-11-27 21:00:00	5.48	53.08	0.44	7.18	11.08	27.59	0.02
SQU-DS	2025-11-27 21:15:00	5.49	53.40	0.44	7.17	11.06	26.71	0.02
SQU-DS	2025-11-27 21:30:00	5.48	53.31	0.44	7.17	11.03	27.95	0.02
SQU-DS	2025-11-27 21:45:00	5.48	53.50	0.44	7.20	11.03	29.80	0.02
SQU-DS	2025-11-27 22:00:00	5.48	53.14	0.44	7.18	11.04	25.10	0.02
SQU-DS	2025-11-27 22:15:00	5.48	53.26	0.44	7.19	11.03	25.24	0.02
SQU-DS	2025-11-27 22:30:00	5.48	53.12	0.44	7.18	11.06	25.44	0.02
SQU-DS	2025-11-27 22:45:00	5.49	53.35	0.44	7.21	11.05	24.75	0.02
SQU-DS	2025-11-27 23:00:00	5.49	53.20	0.44	7.17	11.04	25.16	0.02
SQU-DS	2025-11-27 23:15:00	5.49	53.17	0.44	7.17	11.04	28.53	0.02
SQU-DS	2025-11-27 23:30:00	5.49	53.30	0.44	7.22	11.06	27.17	0.02
SQU-DS	2025-11-27 23:45:00	5.50	52.99	0.44	7.18	11.02	26.99	0.02
SQU-DS	2025-11-28 00:00:00	5.49	52.54	0.44	7.18	11.03	30.33	0.02
SQU-DS	2025-11-28 00:15:00	5.49	52.46	0.44	7.21	11.04	25.89	0.02
SQU-DS	2025-11-28 00:30:00	5.50	52.48	0.44	7.20	11.02	27.88	0.02
SQU-DS	2025-11-28 00:45:00	5.49	52.15	0.44	7.21	11.05	26.00	0.02
SQU-DS	2025-11-28 01:00:00	5.51	52.96	0.44	7.19	11.02	27.20	0.02
SQU-DS	2025-11-28 01:15:00	5.50	52.71	0.44	7.17	11.02	25.95	0.02
SQU-DS	2025-11-28 01:30:00	5.48	52.62	0.44	7.20	11.05	26.30	0.02
SQU-DS	2025-11-28 01:45:00	5.46	52.80	0.44	7.21	11.03	25.92	0.02
SQU-DS	2025-11-28 02:00:00	5.45	52.92	0.45	7.19	11.05	25.05	0.02
SQU-DS	2025-11-28 02:15:00	5.44	53.06	0.44	7.19	11.05	27.08	0.02
SQU-DS	2025-11-28 02:30:00	5.41	52.64	0.44	7.21	11.06	25.00	0.02
SQU-DS	2025-11-28 02:45:00	5.39	52.43	0.45	7.19	11.03	29.68	0.02
SQU-DS	2025-11-28 03:00:00	5.37	52.50	0.44	7.22	11.08	26.78	0.02
SQU-DS	2025-11-28 03:15:00	5.37	53.07	0.45	7.18	11.07	28.89	0.02
SQU-DS	2025-11-28 03:30:00	5.33	53.01	0.45	7.18	11.10	25.28	0.02
SQU-DS	2025-11-28 03:45:00	5.32	53.15	0.44	7.20	11.10	27.93	0.02
SQU-DS	2025-11-28 04:00:00	5.30	52.70	0.44	7.21	11.08	27.69	0.02
SQU-DS	2025-11-28 04:15:00	5.28	52.45	0.45	7.18	11.10	27.71	0.02
SQU-DS	2025-11-28 04:30:00	5.28	53.00	0.44	7.24	11.10	27.23	0.02
SQU-DS	2025-11-28 04:45:00	5.26	53.22	0.44	7.21	11.11	25.17	0.02
SQU-DS	2025-11-28 05:00:00	5.24	53.21	0.45	7.18	11.11	28.83	0.02
SQU-DS	2025-11-28 05:15:00	5.21	52.49	0.44	7.22	11.13	27.92	0.02
SQU-DS	2025-11-28 05:30:00	5.20	52.54	0.44	7.21	11.13	27.73	0.02
SQU-DS	2025-11-28 05:45:00	5.19	52.80	0.45	7.19	11.15	26.99	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-DS	2025-11-28 06:00:00	5.15	52.25	0.45	7.19	11.17	25.54	0.02
SQU-DS	2025-11-28 06:15:00	5.14	52.25	0.44	7.21	11.17	25.55	0.02
SQU-DS	2025-11-28 06:30:00	5.13	52.73	0.44	7.21	11.16	25.89	0.02
SQU-DS	2025-11-28 06:45:00	5.10	52.30	0.44	7.19	11.20	29.58	0.02
SQU-DS	2025-11-28 07:00:00	5.09	52.48	0.44	7.23	11.19	26.67	0.02
SQU-DS	2025-11-28 07:15:00	5.08	52.55	0.44	7.21	11.21	26.02	0.02
SQU-DS	2025-11-28 07:30:00	5.06	52.57	0.44	7.21	11.19	29.50	0.02
SQU-DS	2025-11-28 07:45:00	5.05	52.82	0.44	7.17	11.18	34.13	0.02
SQU-DS	2025-11-28 08:00:00	5.02	52.79	0.44	7.21	11.20	26.30	0.02
SQU-DS	2025-11-28 08:15:00	5.01	52.91	0.44	7.23	11.17	26.45	0.02
SQU-DS	2025-11-28 08:30:00	4.99	52.60	0.44	7.23	11.23	27.85	0.02
SQU-DS	2025-11-28 08:45:00	4.97	52.47	0.44	7.21	11.24	28.50	0.02
SQU-DS	2025-11-28 09:00:00	4.94	52.38	0.44	7.20	11.24	28.06	0.02
SQU-DS	2025-11-28 09:15:00	4.91	52.29	0.44	7.26	11.28	28.41	0.02
SQU-DS	2025-11-28 09:30:00	4.90	52.07	0.44	7.26	11.29	26.48	0.02
SQU-DS	2025-11-28 09:45:00	4.89	51.98	0.44	7.26	11.29	27.03	0.02
SQU-DS	2025-11-28 10:00:00	4.89	51.84	0.45	7.27	11.32	27.20	0.02
SQU-DS	2025-11-28 10:15:00	4.89	52.12	0.45	7.29	11.31	26.33	0.02
SQU-DS	2025-11-28 10:30:00	4.90	51.88	0.46	7.29	11.29	25.63	0.02
SQU-DS	2025-11-28 10:45:00	4.91	52.12	0.46	7.30	11.30	23.77	0.02
SQU-DS	2025-11-28 11:00:00	4.93	52.23	0.47	7.29	11.30	22.95	0.02
SQU-DS	2025-11-28 11:15:00	4.95	52.15	0.47	7.30	11.31	22.39	0.02
SQU-DS	2025-11-28 11:30:00	4.97	52.20	0.47	7.31	11.33	21.54	0.02
SQU-DS	2025-11-28 11:45:00	4.99	52.31	0.48	7.30	11.33	20.88	0.02
SQU-DS	2025-11-28 12:00:00	5.02	52.49	0.48	7.30	11.33	19.99	0.02
SQU-DS	2025-11-28 12:15:00	5.06	52.85	0.48	7.31	11.34	18.28	0.02
SQU-DS	2025-11-28 12:30:00	5.11	54.23	0.49	7.31	11.30	17.76	0.02
SQU-DS	2025-11-28 12:45:00	5.16	55.46	0.49	7.30	11.28	20.38	0.02
SQU-DS	2025-11-28 13:00:00	5.21	56.07	0.49	7.30	11.23	20.59	0.02
SQU-DS	2025-11-28 13:15:00	5.23	55.60	0.49	7.29	11.21	20.96	0.02
SQU-DS	2025-11-28 13:30:00	5.26	56.60	0.50	7.28	11.22	21.58	0.03
SQU-DS	2025-11-28 13:45:00	5.27	57.53	0.50	7.28	11.19	21.72	0.03
SQU-DS	2025-11-28 14:00:00	5.24	56.92	0.50	7.28	11.17	22.91	0.03
SQU-DS	2025-11-28 14:15:00	5.21	55.45	0.50	7.26	11.22	20.71	0.02
SQU-DS	2025-11-28 14:30:00	5.22	55.48	0.50	7.28	11.21	23.30	0.02
SQU-DS	2025-11-28 14:45:00	5.20	55.16	0.50	7.26	11.24	23.16	0.02
SQU-DS	2025-11-28 15:00:00	5.18	54.76	0.50	7.27	11.22	23.32	0.02
SQU-DS	2025-11-28 15:15:00	5.14	54.37	0.50	7.25	11.23	23.47	0.02
SQU-DS	2025-11-28 15:30:00	5.11	54.28	0.50	7.22	11.23	25.70	0.02
SQU-DS	2025-11-28 15:45:00	5.09	53.92	0.49	7.25	11.22	24.09	0.02
SQU-DS	2025-11-28 16:00:00	5.07	53.86	0.49	7.26	11.23	24.05	0.02
SQU-DS	2025-11-28 16:15:00	5.05	53.81	0.49	7.24	11.21	24.04	0.02
SQU-DS	2025-11-28 16:30:00	5.03	53.79	0.48	7.24	11.23	25.07	0.02
SQU-DS	2025-11-28 16:45:00	5.03	54.27	0.48	7.22	11.24	23.48	0.02
SQU-DS	2025-11-28 17:00:00	5.01	54.12	0.48	7.22	11.22	23.98	0.02
SQU-DS	2025-11-28 17:15:00	4.99	54.20	0.48	7.21	11.26	23.74	0.02
SQU-DS	2025-11-28 17:30:00	4.99	54.36	0.48	7.22	11.27	22.67	0.02
SQU-DS	2025-11-28 17:45:00	4.99	54.67	0.48	7.19	11.23	21.73	0.02
SQU-DS	2025-11-28 18:00:00	4.97	54.83	0.47	7.22	11.25	21.60	0.02
SQU-DS	2025-11-28 18:15:00	4.94	54.19	0.47	7.22	11.28	21.59	0.02
SQU-DS	2025-11-28 18:30:00	4.95	54.54	0.46	7.19	11.26	21.99	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-DS	2025-11-28 18:45:00	4.93	54.13	0.45	7.20	11.29	21.04	0.02
SQU-DS	2025-11-28 19:00:00	4.93	54.47	0.45	7.20	11.28	22.01	0.02
SQU-DS	2025-11-28 19:15:00	4.92	54.69	0.44	7.18	11.28	22.85	0.02
SQU-DS	2025-11-28 19:30:00	4.92	54.49	0.44	7.21	11.29	22.72	0.02
SQU-DS	2025-11-28 19:45:00	4.92	54.75	0.43	7.21	11.26	20.46	0.02
SQU-DS	2025-11-28 20:00:00	4.91	54.72	0.43	7.21	11.29	21.42	0.02
SQU-DS	2025-11-28 20:15:00	4.91	55.10	0.43	7.20	11.31	21.14	0.02
SQU-DS	2025-11-28 20:30:00	4.91	54.93	0.42	7.22	11.29	21.12	0.02
SQU-DS	2025-11-28 20:45:00	4.90	54.74	0.42	7.21	11.29	20.43	0.02
SQU-DS	2025-11-28 21:00:00	4.89	54.95	0.42	7.21	11.29	133.38	0.02
SQU-DS	2025-11-28 21:15:00	4.89	55.11	0.41	7.22	11.29	13.52	0.02
SQU-DS	2025-11-28 21:30:00	4.88	55.05	0.41	7.19	11.30	11.75	0.02
SQU-DS	2025-11-28 21:45:00	4.87	54.79	0.41	7.21	11.28	11.91	0.02
SQU-DS	2025-11-28 22:00:00	4.87	55.22	0.41	7.21	11.29	11.23	0.02
SQU-DS	2025-11-28 22:15:00	4.86	55.01	0.41	7.19	11.29	11.06	0.02
SQU-DS	2025-11-28 22:30:00	4.86	54.81	0.41	7.19	11.29	11.25	0.02
SQU-DS	2025-11-28 22:45:00	4.87	55.25	0.40	7.23	11.28	12.55	0.02
SQU-DS	2025-11-28 23:00:00	4.85	54.88	0.41	7.19	11.27	11.42	0.02
SQU-DS	2025-11-28 23:15:00	4.86	54.97	0.40	7.21	11.28	12.35	0.02
SQU-DS	2025-11-28 23:30:00	4.86	54.87	0.40	7.21	11.28	12.26	0.02
SQU-DS	2025-11-28 23:45:00	4.86	56.17	0.40	7.23	11.27	11.45	0.02
SQU-DS	2025-11-29 00:00:00	4.87	55.22	0.40	7.22	11.25	11.76	0.02
SQU-DS	2025-11-29 00:15:00	4.86	55.08	0.40	7.21	11.25	10.90	0.02
SQU-DS	2025-11-29 00:30:00	4.86	55.21	0.40	7.23	11.24	11.86	0.02
SQU-DS	2025-11-29 00:45:00	4.85	54.69	0.40	7.20	11.26	11.17	0.02
SQU-DS	2025-11-29 01:00:00	4.84	54.84	0.40	7.21	11.27	11.69	0.02
SQU-DS	2025-11-29 01:15:00	4.82	54.67	0.40	7.20	11.29	11.67	0.02
SQU-DS	2025-11-29 01:30:00	4.83	55.33	0.40	7.20	11.27	11.02	0.02
SQU-DS	2025-11-29 01:45:00	4.80	54.98	0.40	7.22	11.30	10.16	0.02
SQU-DS	2025-11-29 02:00:00	4.78	54.93	0.40	7.22	11.30	10.47	0.02
SQU-DS	2025-11-29 02:15:00	4.76	54.83	0.40	7.18	11.30	10.27	0.02
SQU-DS	2025-11-29 02:30:00	4.76	55.15	0.40	7.20	11.29	10.59	0.02
SQU-DS	2025-11-29 02:45:00	4.73	54.74	0.40	7.20	11.33	9.56	0.02
SQU-DS	2025-11-29 03:00:00	4.71	54.47	0.40	7.21	11.33	10.17	0.02
SQU-DS	2025-11-29 03:15:00	4.71	54.91	0.40	7.20	11.33	10.65	0.02
SQU-DS	2025-11-29 03:30:00	4.70	54.81	0.41	7.21	11.31	9.81	0.02
SQU-DS	2025-11-29 03:45:00	4.67	54.98	0.41	7.20	11.34	10.09	0.02
SQU-DS	2025-11-29 04:00:00	4.66	54.75	0.41	7.21	11.34	9.95	0.02
SQU-DS	2025-11-29 04:15:00	4.64	54.45	0.41	7.22	11.34	9.81	0.02
SQU-DS	2025-11-29 04:30:00	4.63	54.50	0.41	7.20	11.36	24.07	0.02
SQU-DS	2025-11-29 04:45:00	4.62	54.66	0.41	7.21	11.35	10.33	0.02
SQU-DS	2025-11-29 05:00:00	4.63	55.06	0.41	7.21	11.32	19.55	0.02
SQU-DS	2025-11-29 05:15:00	4.61	54.59	0.41	7.19	11.36	10.04	0.02
SQU-DS	2025-11-29 05:30:00	4.60	54.84	0.41	7.18	11.36	9.90	0.02
SQU-DS	2025-11-29 05:45:00	4.60	54.61	0.41	7.19	11.34	10.44	0.02
SQU-DS	2025-11-29 06:00:00	4.57	54.52	0.41	7.21	11.37	9.90	0.02
SQU-DS	2025-11-29 06:15:00	4.56	54.45	0.41	7.19	11.37	9.21	0.02
SQU-DS	2025-11-29 06:30:00	4.56	54.33	0.41	7.18	11.35	9.21	0.02
SQU-DS	2025-11-29 06:45:00	4.55	54.84	0.41	7.19	11.36	9.52	0.02
SQU-DS	2025-11-29 07:00:00	4.53	54.66	0.41	7.21	11.39	9.21	0.02
SQU-DS	2025-11-29 07:15:00	4.52	54.51	0.41	7.20	11.40	9.06	0.02

Squamish River								
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**	**Salinity (PSU)**
SQU-DS	2025-11-29 07:30:00	4.51	54.53	0.41	7.21	11.40	8.79	0.02
SQU-DS	2025-11-29 07:45:00	4.50	54.82	0.41	7.21	11.38	10.52	0.02
SQU-DS	2025-11-29 08:00:00	4.50	55.28	0.41	7.18	11.40	10.25	0.02
SQU-DS	2025-11-29 08:15:00	4.48	55.03	0.41	7.20	11.39	11.31	0.02
SQU-DS	2025-11-29 08:30:00	4.47	54.96	0.41	7.20	11.40	9.78	0.02
SQU-DS	2025-11-29 08:45:00	4.47	55.11	0.41	7.21	11.29	8.02	0.02
SQU-DS	2025-11-29 09:00:00	4.46	54.77	0.41	7.24	11.35	8.02	0.02
SQU-DS	2025-11-29 09:15:00	4.46	54.72	0.41	7.24	11.36	9.62	0.02
SQU-DS	2025-11-29 09:30:00	4.46	54.96	0.41	7.20	11.38	8.34	0.02
SQU-DS	2025-11-29 09:45:00	4.46	54.94	0.40	7.26	11.38	8.34	0.02
SQU-DS	2025-11-29 10:00:00	4.45	54.88	0.41	7.26	11.39	8.44	0.02
SQU-DS	2025-11-29 10:15:00	4.45	54.62	0.41	7.26	11.39	8.85	0.02
SQU-DS	2025-11-29 10:30:00	4.44	54.34	0.41	7.26	11.40	8.53	0.02
SQU-DS	2025-11-29 10:45:00	4.43	54.08	0.41	7.27	11.40	8.17	0.02
SQU-DS	2025-11-29 11:00:00	4.43	53.99	0.42	7.28	11.39	8.13	0.02
SQU-DS	2025-11-29 11:15:00	4.42	54.00	0.43	7.28	11.41	8.18	0.02
SQU-DS	2025-11-29 11:30:00	4.43	54.04	0.43	7.29	11.41	8.64	0.02
SQU-DS	2025-11-29 11:45:00	4.43	53.89	0.44	7.30	11.44	7.60	0.02
SQU-DS	2025-11-29 12:00:00	4.43	53.93	0.44	7.31	11.42	8.20	0.02
SQU-DS	2025-11-29 12:15:00	4.43	53.86	0.45	7.31	11.45	8.23	0.02
SQU-DS	2025-11-29 12:30:00	4.44	53.90	0.45	7.32	11.46	8.05	0.02
SQU-DS	2025-11-29 12:45:00	4.46	53.96	0.45	7.31	11.45	8.25	0.02
SQU-DS	2025-11-29 13:00:00	4.48	54.44	0.46	7.32	11.46	8.27	0.02
SQU-DS	2025-11-29 13:15:00	4.52	55.88	0.46	7.32	11.45	7.99	0.02
SQU-DS	2025-11-29 13:30:00	4.58	57.78	0.46	7.30	11.39	8.76	0.03
SQU-DS	2025-11-29 13:45:00	4.63	59.20	0.47	7.30	11.34	8.96	0.03
SQU-DS	2025-11-29 14:00:00	4.67	60.10	0.47	7.28	11.33	9.60	0.03
SQU-DS	2025-11-29 14:15:00	4.69	60.52	0.47	7.28	11.28	9.10	0.03
SQU-DS	2025-11-29 14:30:00	4.71	60.27	0.47	7.28	11.27	9.50	0.03
SQU-DS	2025-11-29 14:45:00	4.72	60.09	0.47	7.26	11.27	8.91	0.03
SQU-DS	2025-11-29 15:00:00	4.72	59.59	0.47	7.27	11.28	8.82	0.03
SQU-DS	2025-11-29 15:15:00	4.70	58.37	0.46	7.25	11.29	9.50	0.03
SQU-DS	2025-11-29 15:30:00	4.69	58.60	0.46	7.27	11.29	9.71	0.03
SQU-DS	2025-11-29 15:45:00	4.66	57.87	0.46	7.25	11.30	9.50	0.03
SQU-DS	2025-11-29 16:00:00	4.65	57.69	0.45	7.27	11.28	9.99	0.03
SQU-DS	2025-11-29 16:15:00	4.62	57.22	0.45	7.26	11.26	9.75	0.03
SQU-DS	2025-11-29 16:30:00	4.61	57.32	0.45	7.24	11.23	9.71	0.03
SQU-DS	2025-11-29 16:45:00	4.58	57.13	0.45	7.21	11.27	10.78	0.03
SQU-DS	2025-11-29 17:00:00	4.57	57.52	0.44	7.16	11.32	10.74	0.03
SQU-DS	2025-11-29 17:15:00	4.54	57.15	0.44	7.11	11.28	11.43	0.03
SQU-DS	2025-11-29 17:30:00	4.56	58.83	0.44	7.10	11.25	11.71	0.03
SQU-DS	2025-11-29 17:45:00	4.61	61.37	0.44	7.08	11.20	11.40	0.03
SQU-DS	2025-11-29 18:00:00	4.53	58.06	0.43	7.09	11.22	11.10	0.03
SQU-DS	2025-11-29 18:15:00	4.58	59.68	0.43	7.03	11.08	10.38	0.03
SQU-DS	2025-11-29 18:30:00	4.50	58.36	0.43	7.07	11.25	11.17	0.03
SQU-DS	2025-11-29 18:45:00	4.49	59.46	0.43	7.08	11.28	10.27	0.03
SQU-DS	2025-11-29 19:00:00	4.45	57.94	0.42	7.06	11.28	9.37	0.03
SQU-DS	2025-11-29 19:15:00	4.44	58.27	0.42	7.06	11.30	9.21	0.03
SQU-DS	2025-11-29 19:30:00	4.54	60.48	0.42	7.02	11.11	9.55	0.03
SQU-DS	2025-11-29 19:45:00	4.53	60.20	0.42	7.04	11.10	45.76	0.03
SQU-DS	2025-11-29 20:00:00	4.43	58.67	0.42	7.04	11.27	7.78	0.03

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	2025-11-29 20:15:00	4.47	60.09	0.41	7.05	11.23	15.33	0.03
SQU-DS	2025-11-29 20:30:00	4.42	59.97	0.41	7.05	11.29	7.33	0.03
SQU-DS	2025-11-29 20:45:00	4.41	58.79	0.41	7.04	11.24	7.63	0.03
SQU-DS	2025-11-29 21:00:00	4.53	63.02	0.41	6.97	11.12	212.28	0.03
SQU-DS	2025-11-29 21:15:00	4.38	58.78	0.41	7.01	11.25	7.09	0.03
SQU-DS	2025-11-29 21:30:00	4.45	62.34	0.40	7.01	11.23	5.33	0.03
SQU-DS	2025-11-29 21:45:00	4.36	58.13	0.40	7.04	11.23	5.24	0.03
SQU-DS	2025-11-29 22:00:00	4.41	60.33	0.40	7.02	11.27	6.82	0.03
SQU-DS	2025-11-29 22:15:00	4.39	60.16	0.40	7.01	11.22	5.95	0.03
SQU-DS	2025-11-29 22:30:00	4.52	63.11	0.40	6.98	11.07	5.12	0.03
SQU-DS	2025-11-29 22:45:00	4.36	58.99	0.40	7.02	11.24	5.22	0.03
SQU-DS	2025-11-29 23:00:00	4.43	63.53	0.40	6.96	11.15	5.27	0.03
SQU-DS	2025-11-29 23:15:00	4.28	59.05	0.40	7.00	11.31	6.01	0.03
SQU-DS	2025-11-29 23:30:00	4.27	59.10	0.40	6.99	11.30	5.54	0.03
SQU-DS	2025-11-29 23:45:00	4.24	58.17	0.40	7.04	11.33	5.97	0.03
SQU-DS	2025-11-30 00:00:00	4.21	58.11	0.40	7.07	11.39	5.63	0.03
SQU-DS	2025-11-30 00:15:00	4.17	57.67	0.39	7.09	11.40	5.64	0.03
SQU-DS	2025-11-30 00:30:00	4.15	57.38	0.39	7.15	11.43	6.17	0.03
SQU-DS	2025-11-30 00:45:00	4.13	57.00	0.38	7.17	11.45	5.86	0.03
SQU-DS	2025-11-30 01:00:00	4.11	56.73	0.38	7.16	11.44	6.02	0.03
SQU-DS	2025-11-30 01:15:00	4.11	57.32	0.38	7.19	11.44	6.73	0.03
SQU-DS	2025-11-30 01:30:00	4.10	56.90	0.38	7.19	11.46	6.22	0.03
SQU-DS	2025-11-30 01:45:00	4.08	56.73	0.38	7.21	11.46	6.54	0.03
SQU-DS	2025-11-30 02:00:00	4.07	56.91	0.38	7.17	11.45	6.05	0.03
SQU-DS	2025-11-30 02:15:00	4.05	57.27	0.38	7.19	11.48	5.92	0.03
SQU-DS	2025-11-30 02:30:00	4.04	57.10	0.38	7.19	11.48	6.76	0.03
SQU-DS	2025-11-30 02:45:00	4.03	57.03	0.37	7.19	11.47	6.60	0.03
SQU-DS	2025-11-30 03:00:00	4.02	57.34	0.38	7.16	11.48	6.47	0.03
SQU-DS	2025-11-30 03:15:00	4.02	57.34	0.38	7.17	11.44	6.49	0.03
SQU-DS	2025-11-30 03:30:00	4.01	57.41	0.38	7.11	11.41	6.50	0.03
SQU-DS	2025-11-30 03:45:00	4.09	60.42	0.38	7.08	11.34	6.82	0.03
SQU-DS	2025-11-30 04:00:00	4.15	61.08	0.39	7.01	11.19	15.09	0.03
SQU-DS	2025-11-30 04:15:00	4.11	60.41	0.39	7.00	11.28	7.08	0.03
SQU-DS	2025-11-30 04:30:00	4.11	60.30	0.39	7.00	11.18	7.91	0.03
SQU-DS	2025-11-30 04:45:00	4.17	64.21	0.39	6.97	11.16	9.35	0.03
SQU-DS	2025-11-30 05:00:00	4.07	60.47	0.39	6.98	11.24	9.01	0.03
SQU-DS	2025-11-30 05:15:00	4.20	64.41	0.39	6.98	10.99	7.67	0.03
SQU-DS	2025-11-30 05:30:00	4.13	64.32	0.39	6.98	11.08	10.08	0.03
SQU-DS	2025-11-30 05:45:00	4.30	68.04	0.39	6.96	11.08	8.51	0.03
SQU-DS	2025-11-30 06:00:00	4.11	64.26	0.39	6.96	11.18	7.86	0.03
SQU-DS	2025-11-30 06:15:00	4.09	62.39	0.39	7.02	11.17	10.82	0.03
SQU-DS	2025-11-30 06:30:00	4.07	60.95	0.39	7.07	11.09	7.28	0.03
SQU-DS	2025-11-30 06:45:00	4.13	62.97	0.39	7.05	11.11	9.00	0.03
SQU-DS	2025-11-30 07:00:00	4.00	59.62	0.39	7.11	11.17	9.24	0.03
SQU-DS	2025-11-30 07:15:00	4.13	64.16	0.39	7.08	11.08	7.08	0.03
SQU-DS	2025-11-30 07:30:00	4.08	63.59	0.39	7.14	11.07	6.98	0.03
SQU-DS	2025-11-30 07:45:00	4.10	66.78	0.39	7.19	11.06	6.34	0.03
SQU-DS	2025-11-30 08:00:00	4.05	64.96	0.39	7.16	11.18	8.13	0.03
SQU-DS	2025-11-30 08:15:00	4.03	63.20	0.39	7.20	11.10	6.09	0.03
SQU-DS	2025-11-30 08:30:00	3.96	62.01	0.39	7.16	11.19	120.75	0.03
SQU-DS	2025-11-30 08:45:00	3.99	61.65	0.39	7.08	11.11	6.12	0.03

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	2025-11-30 09:00:00	4.13	65.00	0.39	6.96	10.95	4.89	0.03
SQU-DS	2025-11-30 09:15:00	3.98	60.94	0.39	6.92	11.21	5.31	0.03
SQU-DS	2025-11-30 09:30:00	3.78	57.55	0.39	7.08	11.54	4.70	0.03
SQU-DS	2025-11-30 09:45:00	3.76	57.22	0.38	7.16	11.57	5.98	0.03
SQU-DS	2025-11-30 10:00:00	3.77	56.96	0.38	7.20	11.54	4.91	0.03
SQU-DS	2025-11-30 10:15:00	3.78	56.67	0.38	7.21	11.59	4.62	0.03
SQU-DS	2025-11-30 10:30:00	3.79	56.55	0.38	7.22	11.60	4.76	0.02
SQU-DS	2025-11-30 10:45:00	3.80	56.58	0.38	7.23	11.61	5.05	0.03
SQU-DS	2025-11-30 11:00:00	3.82	56.30	0.38	7.26	11.61	4.84	0.02
SQU-DS	2025-11-30 11:15:00	3.84	56.13	0.39	7.27	11.58	5.04	0.02
SQU-DS	2025-11-30 11:30:00	3.86	56.06	0.39	7.27	11.60	4.94	0.02
SQU-DS	2025-11-30 11:45:00	3.88	55.71	0.40	7.28	11.59	4.74	0.02
SQU-DS	2025-11-30 12:00:00	3.91	55.55	0.41	7.29	11.57	4.64	0.02
SQU-DS	2025-11-30 12:15:00	3.95	55.37	0.41	7.30	11.60	4.74	0.02
SQU-DS	2025-11-30 12:30:00	3.98	55.19	0.42	7.31	11.64	5.19	0.02
SQU-DS	2025-11-30 12:45:00	4.01	55.06	0.42	7.31	11.65	4.44	0.02
SQU-DS	2025-11-30 13:00:00	4.05	55.16	0.43	7.32	11.66	4.66	0.02
SQU-DS	2025-11-30 13:15:00	4.08	55.59	0.43	7.32	11.67	4.55	0.02
SQU-DS	2025-11-30 13:30:00	4.12	56.19	0.44	7.32	11.66	5.12	0.02
SQU-DS	2025-11-30 13:45:00	4.15	56.63	0.44	7.31	11.64	6.36	0.03
SQU-DS	2025-11-30 14:00:00	4.20	58.31	0.44	7.30	11.61	5.05	0.03
SQU-DS	2025-11-30 14:15:00	4.26	61.12	0.44	7.30	11.58	5.59	0.03
SQU-DS	2025-11-30 14:30:00	4.26	61.45	0.44	7.28	11.52	5.59	0.03
SQU-DS	2025-11-30 14:45:00	4.26	61.69	0.44	7.27	11.50	5.68	0.03
SQU-DS	2025-11-30 15:00:00	4.24	62.04	0.44	7.27	11.50	5.65	0.03
SQU-DS	2025-11-30 15:15:00	4.22	62.09	0.44	7.26	11.48	5.62	0.03
SQU-DS	2025-11-30 15:30:00	4.15	60.51	0.43	7.24	11.52	5.93	0.03
SQU-DS	2025-11-30 15:45:00	4.11	59.80	0.43	7.26	11.53	6.07	0.03
SQU-DS	2025-11-30 16:00:00	4.07	59.51	0.42	7.25	11.52	6.44	0.03
SQU-DS	2025-11-30 16:15:00	4.05	59.17	0.42	7.24	11.46	5.94	0.03
SQU-DS	2025-11-30 16:30:00	4.01	59.18	0.41	7.22	11.51	6.37	0.03
SQU-DS	2025-11-30 16:45:00	3.96	58.53	0.41	7.18	11.57	6.60	0.03
SQU-DS	2025-11-30 17:00:00	3.98	59.37	0.40	7.14	11.48	8.10	0.03
SQU-DS	2025-11-30 17:15:00	4.33	72.04	0.40	7.20	10.95	179.65	0.03
SQU-DS	2025-11-30 17:30:00	4.38	68.58	0.38	7.34	10.76	66.74	0.03
SQU-DS	2025-11-30 17:45:00	4.35	68.49	0.37	7.32	10.73	681.05	0.03
SQU-DS	2025-11-30 18:00:00	4.52	73.47	0.37	7.32	10.61	512.10	0.03
SQU-DS	2025-11-30 18:15:00	4.51	74.42	0.38	7.31	10.65	571.88	0.03
SQU-DS	2025-11-30 18:30:00	4.44	70.57	0.38	7.30	10.59	58.15	0.03
SQU-DS	2025-11-30 18:45:00	4.58	74.71	0.38	7.31	10.27	290.20	0.03
SQU-DS	2025-11-30 19:00:00	4.26	68.94	0.39	7.29	11.02	0.00	0.03
SQU-DS	2025-11-30 19:15:00	4.24	67.85	0.40	7.30	11.00	40.47	0.03
SQU-DS	2025-11-30 19:30:00	4.15	65.48	0.40	7.30	11.24	28.62	0.03
SQU-DS	2025-11-30 19:45:00	4.25	69.94	0.41	7.30	10.78	29.64	0.03
SQU-DS	2025-11-30 20:00:00	4.22	66.51	0.42	7.30	11.13	0.00	0.03
SQU-DS	2025-11-30 20:15:00	4.35	69.35	0.42	7.28	11.31	125.99	0.03
SQU-DS	2025-11-30 20:30:00	4.10	64.62	0.43	7.28	11.15	0.00	0.03
SQU-DS	2025-11-30 20:45:00	4.01	63.56	0.44	7.29	11.35	0.00	0.03
SQU-DS	2025-11-30 21:00:00	4.24	67.91	0.44	7.29	10.98	0.00	0.03
SQU-DS	2025-11-30 21:15:00	4.17	67.48	0.45	7.28	10.91	0.00	0.03
SQU-DS	2025-11-30 21:30:00	4.17	64.68	0.45	7.27	11.08	0.00	0.03

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	2025-11-30 21:45:00	4.18	67.15	0.46	7.25	11.06	0.00	0.03
SQU-DS	2025-11-30 22:00:00	4.21	65.91	0.47	7.24	11.01	0.00	0.03
SQU-DS	2025-11-30 22:15:00	4.08	63.35	0.47	7.23	11.32	0.00	0.03
SQU-DS	2025-11-30 22:30:00	4.05	56.79	0.48	7.23	11.35	0.00	0.03
SQU-DS	2025-11-30 22:45:00	4.17	66.17	0.48	7.21	10.99	0.00	0.03
SQU-DS	2025-11-30 23:00:00	4.14	58.55	0.49	7.21	11.15	0.00	0.03
SQU-DS	2025-11-30 23:15:00	4.12	57.90	0.49	7.20	11.31	0.00	0.03
SQU-DS	2025-11-30 23:30:00	4.36	67.51	0.49	7.17	10.91	0.00	0.03
SQU-DS	2025-11-30 23:45:00	4.17	64.11	0.50	7.13	11.19	0.00	0.03
SQU-US	2025-11-24 00:00:00	5.99	36.00	0.34	6.86	12.34	17.22	0.02
SQU-US	2025-11-24 00:15:00	5.97	35.87	0.34	6.90	12.36	18.36	0.02
SQU-US	2025-11-24 00:30:00	5.95	35.72	0.34	6.91	12.36	17.45	0.02
SQU-US	2025-11-24 00:45:00	5.95	36.31	0.34	6.91	12.35	19.06	0.02
SQU-US	2025-11-24 01:00:00	5.93	36.12	0.34	6.92	12.34	41.85	0.02
SQU-US	2025-11-24 01:15:00	5.92	36.40	0.34	6.88	12.34	30.96	0.02
SQU-US	2025-11-24 01:30:00	5.90	36.62	0.34	6.88	12.34	17.92	0.02
SQU-US	2025-11-24 01:45:00	5.87	36.14	0.34	6.93	12.36	21.00	0.02
SQU-US	2025-11-24 02:00:00	5.85	36.50	0.34	6.93	12.37	17.69	0.02
SQU-US	2025-11-24 02:15:00	5.82	36.70	0.34	6.91	12.36	17.52	0.02
SQU-US	2025-11-24 02:30:00	5.80	36.71	0.34	6.91	12.37	15.87	0.02
SQU-US	2025-11-24 02:45:00	5.77	36.81	0.34	6.93	12.37	21.73	0.02
SQU-US	2025-11-24 03:00:00	5.74	36.80	0.34	6.96	12.38	17.35	0.02
SQU-US	2025-11-24 03:15:00	5.71	36.97	0.34	6.90	12.39	17.50	0.02
SQU-US	2025-11-24 03:30:00	5.69	36.78	0.35	6.86	12.40	18.37	0.02
SQU-US	2025-11-24 03:45:00	5.67	37.03	0.34	6.90	12.40	16.42	0.02
SQU-US	2025-11-24 04:00:00	5.65	37.21	0.34	6.97	12.40	16.60	0.02
SQU-US	2025-11-24 04:15:00	5.64	37.54	0.34	6.97	12.39	17.18	0.02
SQU-US	2025-11-24 04:30:00	5.62	37.51	0.34	6.94	12.41	17.63	0.02
SQU-US	2025-11-24 04:45:00	5.62	37.61	0.35	6.89	12.41	18.45	0.02
SQU-US	2025-11-24 05:00:00	5.61	37.64	0.34	6.95	12.42	18.21	0.02
SQU-US	2025-11-24 05:15:00	5.59	37.52	0.34	6.97	12.42	16.98	0.02
SQU-US	2025-11-24 05:30:00	5.58	37.84	0.35	6.94	12.43	16.29	0.02
SQU-US	2025-11-24 05:45:00	5.56	38.02	0.35	6.94	12.42	16.31	0.02
SQU-US	2025-11-24 06:00:00	5.54	37.96	0.35	6.96	12.41	15.96	0.02
SQU-US	2025-11-24 06:15:00	5.50	38.03	0.35	6.94	12.45	16.73	0.02
SQU-US	2025-11-24 06:30:00	5.49	38.00	0.35	6.94	12.45	18.55	0.02
SQU-US	2025-11-24 06:45:00	5.46	37.99	0.35	6.95	12.47	16.62	0.02
SQU-US	2025-11-24 07:00:00		38.03			12.48		0.02
SQU-US	2025-11-24 07:15:00	5.44	38.13	0.35	6.98	12.50	16.88	0.02
SQU-US	2025-11-24 07:30:00	5.42	37.91	0.35	6.94	12.52	15.02	0.02
SQU-US	2025-11-24 07:45:00	5.39	37.42	0.35	7.00	12.56	16.46	0.02
SQU-US	2025-11-24 08:00:00	5.37	37.26	0.35	7.02	12.58	19.90	0.02
SQU-US	2025-11-24 08:15:00	5.34	37.77	0.35	7.04	12.58	17.47	0.02
SQU-US	2025-11-24 08:30:00	5.33	38.05	0.35	7.03	12.58	16.35	0.02
SQU-US	2025-11-24 08:45:00	5.33	38.15	0.35	7.04	12.58	15.93	0.02
SQU-US	2025-11-24 09:00:00		38.19			12.60		0.02
SQU-US	2025-11-24 09:15:00	5.30	38.66	0.35	7.05	12.61	15.95	0.02
SQU-US	2025-11-24 09:30:00	5.32	39.79	0.35	7.03	12.59	15.96	0.02
SQU-US	2025-11-24 09:45:00	5.35	40.82	0.35	6.99	12.50	17.04	0.02
SQU-US	2025-11-24 10:00:00		40.74			12.52		0.02
SQU-US	2025-11-24 10:15:00	5.37	41.12	0.35	6.95	12.50	17.60	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	2025-11-24 10:30:00	5.39	41.90	0.35	6.90	12.47	16.57	0.02
SQU-US	2025-11-24 10:45:00	5.39	41.31	0.35	6.88	12.47	16.17	0.02
SQU-US	2025-11-24 11:00:00	5.43	42.28	0.35	6.87	12.44	17.43	0.02
SQU-US	2025-11-24 11:15:00	5.45	41.59	0.35	6.88	12.45	15.94	0.02
SQU-US	2025-11-24 11:30:00	5.49	42.12	0.35	6.87	12.42	16.82	0.02
SQU-US	2025-11-24 11:45:00	5.52	42.46	0.35	6.80	12.41	15.76	0.02
SQU-US	2025-11-24 12:00:00	5.53	41.93	0.35	6.84	12.46	15.79	0.02
SQU-US	2025-11-24 12:15:00	5.54	41.47	0.35	6.88	12.47	17.22	0.02
SQU-US	2025-11-24 12:30:00	5.54	41.04	0.35	6.87	12.46	16.63	0.02
SQU-US	2025-11-24 12:45:00	5.56	41.43	0.35	6.87	12.48	14.94	0.02
SQU-US	2025-11-24 13:00:00	5.56	41.38	0.35	6.91	12.48	16.31	0.02
SQU-US	2025-11-24 13:15:00	5.56	41.28	0.35	6.94	12.48	18.89	0.02
SQU-US	2025-11-24 13:30:00	5.57	41.92	0.35	6.94	12.47	17.38	0.02
SQU-US	2025-11-24 13:45:00	5.57	41.61	0.35	6.92	12.47	18.42	0.02
SQU-US	2025-11-24 14:00:00	5.59	42.30	0.35	6.92	12.44	17.74	0.02
SQU-US	2025-11-24 14:15:00	5.59	42.00	0.35	6.90	12.45	16.69	0.02
SQU-US	2025-11-24 14:30:00	5.59	42.08	0.35	6.93	12.45	17.06	0.02
SQU-US	2025-11-24 14:45:00	5.60	41.95	0.35	6.93	12.45	17.47	0.02
SQU-US	2025-11-24 15:00:00	5.61	42.08	0.35	6.94	12.44	19.89	0.02
SQU-US	2025-11-24 15:15:00	5.61	42.22	0.35	6.93	12.43	17.44	0.02
SQU-US	2025-11-24 15:30:00	5.61	42.30	0.35	6.92	12.43	20.18	0.02
SQU-US	2025-11-24 15:45:00	5.61	42.14	0.35	6.92	12.42	18.67	0.02
SQU-US	2025-11-24 16:00:00	5.61	42.21	0.35	6.95	12.44	16.72	0.02
SQU-US	2025-11-24 16:15:00	5.60	42.27	0.35	6.92	12.44	16.99	0.02
SQU-US	2025-11-24 16:30:00	5.60	42.34	0.35	6.95	12.43	16.49	0.02
SQU-US	2025-11-24 16:45:00	5.60	42.74	0.35	6.95	12.43	16.12	0.02
SQU-US	2025-11-24 17:00:00	5.59	42.70	0.35	6.94	12.42	16.49	0.02
SQU-US	2025-11-24 17:15:00	5.59	42.33	0.35	6.95	12.43	16.35	0.02
SQU-US	2025-11-24 17:30:00	5.59	42.83	0.35	6.95	12.43	17.54	0.02
SQU-US	2025-11-24 17:45:00	5.59	42.95	0.35	6.96	12.42	16.17	0.02
SQU-US	2025-11-24 18:00:00	5.58	42.45	0.35	6.96	12.43	15.46	0.02
SQU-US	2025-11-24 18:15:00	5.58	42.75	0.35	6.95	12.44	16.51	0.02
SQU-US	2025-11-24 18:30:00	5.59	43.04	0.35	6.94	12.43	16.66	0.02
SQU-US	2025-11-24 18:45:00	5.59	43.18	0.35	6.95	12.43	16.37	0.02
SQU-US	2025-11-24 19:00:00	5.58	43.32	0.35	6.95	12.43	16.37	0.02
SQU-US	2025-11-24 19:15:00	5.56	43.17	0.35	6.92	12.44	16.57	0.02
SQU-US	2025-11-24 19:30:00	5.56	43.61	0.35	6.96	12.43	16.30	0.02
SQU-US	2025-11-24 19:45:00	5.55	43.91	0.35	6.94	12.44	17.58	0.02
SQU-US	2025-11-24 20:00:00	5.54	43.85	0.35	6.92	12.43	18.57	0.02
SQU-US	2025-11-24 20:15:00	5.54	44.11	0.35	6.91	12.43	17.92	0.02
SQU-US	2025-11-24 20:30:00	5.53	44.05	0.35	6.94	12.44	19.43	0.02
SQU-US	2025-11-24 20:45:00	5.53	44.30	0.35	6.94	12.43	17.83	0.02
SQU-US	2025-11-24 21:00:00	5.52	44.31	0.35	6.94	12.44	18.86	0.02
SQU-US	2025-11-24 21:15:00	5.50	44.23	0.35	6.94	12.43	21.17	0.02
SQU-US	2025-11-24 21:30:00	5.50	44.39	0.35	6.93	12.42	20.89	0.02
SQU-US	2025-11-24 21:45:00	5.47	44.36	0.35	6.93	12.44	19.35	0.02
SQU-US	2025-11-24 22:00:00	5.46	44.48	0.35	6.94	12.44	19.11	0.02
SQU-US	2025-11-24 22:15:00	5.44	44.63	0.35	6.92	12.41	17.76	0.02
SQU-US	2025-11-24 22:30:00	5.41	44.31	0.35	6.92	12.45	18.93	0.02
SQU-US	2025-11-24 22:45:00	5.40	44.54	0.35	6.93	12.44	18.93	0.02
SQU-US	2025-11-24 23:00:00	5.38	44.55	0.35	6.93	12.44	18.23	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	2025-11-24 23:15:00	5.35	44.47	0.35	6.94	12.44	18.37	0.02
SQU-US	2025-11-24 23:30:00	5.34	44.37	0.35	6.94	12.43	19.61	0.02
SQU-US	2025-11-24 23:45:00	5.32	44.18	0.35	6.95	12.43	17.14	0.02
SQU-US	2025-11-25 00:00:00	5.30	44.07	0.35	6.96	12.43	20.10	0.02
SQU-US	2025-11-25 00:15:00	5.29	44.21	0.35	6.97	12.42	20.60	0.02
SQU-US	2025-11-25 00:30:00	5.29	44.32	0.35	6.97	12.42	17.30	0.02
SQU-US	2025-11-25 00:45:00	5.28	44.48	0.35	6.96	12.43	19.12	0.02
SQU-US	2025-11-25 01:00:00	5.27	44.22	0.35	6.96	12.43	18.11	0.02
SQU-US	2025-11-25 01:15:00	5.26	44.38	0.35	6.95	12.47	23.52	0.02
SQU-US	2025-11-25 01:30:00	5.25	44.12	0.35	6.96	12.48	17.10	0.02
SQU-US	2025-11-25 01:45:00	5.24	44.31	0.35	6.96	12.49	19.44	0.02
SQU-US	2025-11-25 02:00:00		44.45			12.50		0.02
SQU-US	2025-11-25 02:15:00	5.22	44.39	0.35	6.93	12.51	17.41	0.02
SQU-US	2025-11-25 02:30:00	5.20	44.23	0.35	6.94	12.56	21.18	0.02
SQU-US	2025-11-25 02:45:00	5.18	44.02	0.35	6.95	12.57	20.84	0.02
SQU-US	2025-11-25 03:00:00	5.16	43.92	0.35	6.94	12.56	22.69	0.02
SQU-US	2025-11-25 03:15:00	5.15	44.01	0.35	6.95	12.57	22.93	0.02
SQU-US	2025-11-25 03:30:00	5.14	43.77	0.35	6.97	12.56	18.91	0.02
SQU-US	2025-11-25 03:45:00	5.12	44.14	0.35	6.96	12.55	16.80	0.02
SQU-US	2025-11-25 04:00:00	5.11	43.98	0.35	6.96	12.55	17.31	0.02
SQU-US	2025-11-25 04:15:00	5.10	44.09	0.35	6.99	12.55	17.27	0.02
SQU-US	2025-11-25 04:30:00	5.09	44.21	0.35	7.00	12.53	15.40	0.02
SQU-US	2025-11-25 04:45:00	5.08	44.03	0.35	7.00	12.52	16.51	0.02
SQU-US	2025-11-25 05:00:00		44.09			12.50		0.02
SQU-US	2025-11-25 05:15:00	5.07	44.38	0.35	6.97	12.48	23.22	0.02
SQU-US	2025-11-25 05:30:00	5.06	44.61	0.35	6.98	12.45	17.42	0.02
SQU-US	2025-11-25 05:45:00	5.06	44.59	0.35	6.98	12.46	18.95	0.02
SQU-US	2025-11-25 06:00:00	5.05	44.29	0.35	6.97	12.45	15.67	0.02
SQU-US	2025-11-25 06:15:00	5.04	44.45	0.35	6.98	12.43	17.95	0.02
SQU-US	2025-11-25 06:30:00	5.04	44.73	0.35	7.00	12.41	15.97	0.02
SQU-US	2025-11-25 06:45:00	5.03	44.48	0.35	7.01	12.38	17.26	0.02
SQU-US	2025-11-25 07:00:00	5.03	44.56	0.35	7.07	12.35	17.48	0.02
SQU-US	2025-11-25 07:15:00	5.03	44.56	0.34	7.11	12.34	17.30	0.02
SQU-US	2025-11-25 07:30:00	5.02	44.66	0.34	7.12	12.31	18.02	0.02
SQU-US	2025-11-25 07:45:00	5.01	44.62	0.35	7.10	12.30	18.57	0.02
SQU-US	2025-11-25 08:00:00	4.99	44.34	0.35	7.10	12.20	18.64	0.02
SQU-US	2025-11-25 08:15:00	4.99	44.35	0.35	7.08	12.12	17.73	0.02
SQU-US	2025-11-25 08:30:00	4.98	44.48	0.35	7.05	12.01	17.86	0.02
SQU-US	2025-11-25 08:45:00	4.98	44.69	0.35	7.05	11.94	21.43	0.02
SQU-US	2025-11-25 09:00:00	5.00	44.56	0.35	7.08	11.99	19.28	0.02
SQU-US	2025-11-25 09:15:00	5.00	45.06	0.35	7.10	12.04	20.24	0.02
SQU-US	2025-11-25 09:30:00	4.98	44.55	0.35	7.11	12.05	18.26	0.02
SQU-US	2025-11-25 09:45:00	4.99	45.11	0.35	7.13	12.06	18.68	0.02
SQU-US	2025-11-25 10:00:00	5.01	45.51	0.35	7.12	12.03	18.44	0.02
SQU-US	2025-11-25 10:15:00	5.04	46.16	0.35	7.08	12.00	18.51	0.02
SQU-US	2025-11-25 10:30:00	5.05	46.14	0.35	7.08	11.98	18.73	0.02
SQU-US	2025-11-25 10:45:00	5.05	45.93	0.35	7.09	11.96	17.77	0.02
SQU-US	2025-11-25 11:00:00	5.09	47.29	0.35	7.06	11.95	18.70	0.02
SQU-US	2025-11-25 11:15:00	5.11	47.60	0.35	7.03	11.93	18.98	0.02
SQU-US	2025-11-25 11:30:00	5.12	47.82	0.35	7.01	11.93	18.73	0.02
SQU-US	2025-11-25 11:45:00	5.12	47.44	0.35	7.00	11.95	18.48	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	2025-11-25 12:00:00	5.13	47.19	0.35	7.01	12.00	19.44	0.02
SQU-US	2025-11-25 12:15:00	5.15	47.33	0.35	7.02	12.02	18.00	0.02
SQU-US	2025-11-25 12:30:00	5.15	47.34	0.35	7.04	12.02	19.67	0.02
SQU-US	2025-11-25 12:45:00	5.17	47.30	0.35	7.07	12.04	19.25	0.02
SQU-US	2025-11-25 13:00:00	5.19	47.40	0.35	7.06	12.01	19.64	0.02
SQU-US	2025-11-25 13:15:00	5.20	47.04	0.35	7.07	12.04	18.87	0.02
SQU-US	2025-11-25 13:30:00	5.22	47.23	0.35	7.06	12.02	17.97	0.02
SQU-US	2025-11-25 13:45:00	5.23	47.40	0.35	7.06	11.97	19.28	0.02
SQU-US	2025-11-25 14:00:00	5.23	47.25	0.35	7.06	11.88	19.59	0.02
SQU-US	2025-11-25 14:15:00	5.24	47.00	0.35	7.05	11.85	19.74	0.02
SQU-US	2025-11-25 14:30:00	5.25	47.30	0.36	6.81	12.47	20.56	0.02
SQU-US	2025-11-25 14:45:00	5.26	47.54	0.35	7.00	12.52	10.10	0.02
SQU-US	2025-11-25 15:00:00	5.25	47.22	0.35	6.91	12.52	11.31	0.02
SQU-US	2025-11-25 15:15:00	5.27	47.62	0.35	6.84	12.51	10.74	0.02
SQU-US	2025-11-25 15:30:00	5.27	47.58	0.35	7.01	12.50	7.89	0.02
SQU-US	2025-11-25 15:45:00	5.27	47.53	0.35	6.99	12.50	10.64	0.02
SQU-US	2025-11-25 16:00:00	5.27	47.69	0.35	6.93	12.49	8.10	0.02
SQU-US	2025-11-25 16:15:00	5.26	47.85	0.35	6.96	12.50	8.60	0.02
SQU-US	2025-11-25 16:30:00	5.25	47.87	0.35	7.01	12.50	7.65	0.02
SQU-US	2025-11-25 16:45:00	5.25	47.61	0.35	6.93	12.49	9.01	0.02
SQU-US	2025-11-25 17:00:00	5.25	48.10	0.35	7.05	12.48	8.07	0.02
SQU-US	2025-11-25 17:15:00	5.24	48.11	0.35	6.97	12.50	8.13	0.02
SQU-US	2025-11-25 17:30:00	5.24	47.90	0.35	6.98	12.49	9.94	0.02
SQU-US	2025-11-25 17:45:00	5.24	48.68	0.35	7.01	12.48	9.14	0.02
SQU-US	2025-11-25 18:00:00	5.24	48.37	0.35	7.04	12.49	8.50	0.02
SQU-US	2025-11-25 18:15:00	5.24	48.71	0.35	7.01	12.48	8.26	0.02
SQU-US	2025-11-25 18:30:00	5.24	48.88	0.35	7.04	12.47	9.96	0.02
SQU-US	2025-11-25 18:45:00	5.24	49.06	0.35	7.00	12.47	8.52	0.02
SQU-US	2025-11-25 19:00:00	5.24	48.88	0.35	7.05	12.46	9.50	0.02
SQU-US	2025-11-25 19:15:00	5.25	49.33	0.35	7.02	12.45	8.28	0.02
SQU-US	2025-11-25 19:30:00	5.25	49.24	0.35	7.03	12.47	8.58	0.02
SQU-US	2025-11-25 19:45:00	5.25	49.44	0.35	7.00	12.43	9.19	0.02
SQU-US	2025-11-25 20:00:00	5.25	49.51	0.35	6.96	12.46	8.82	0.02
SQU-US	2025-11-25 20:15:00	5.25	49.68	0.35	7.03	12.44	9.09	0.02
SQU-US	2025-11-25 20:30:00	5.25	50.04	0.35	6.99	12.44	9.11	0.02
SQU-US	2025-11-25 20:45:00	5.25	50.12	0.35	7.05	12.42	9.47	0.02
SQU-US	2025-11-25 21:00:00	5.24	50.02	0.35	6.99	12.44	10.19	0.02
SQU-US	2025-11-25 21:15:00	5.24	49.84	0.35	6.98	12.43	11.50	0.02
SQU-US	2025-11-25 21:30:00	5.24	50.05	0.35	6.96	12.43	9.92	0.02
SQU-US	2025-11-25 21:45:00	5.23	49.97	0.35	6.93	12.43	7.13	0.02
SQU-US	2025-11-25 22:00:00	5.23	35.26	0.35	6.93	12.44	4.41	0.02
SQU-US	2025-11-25 22:15:00	5.22	8.22	0.33	7.06	12.50	1.51	0.00
SQU-US	2025-11-25 22:30:00	5.20	0.61	0.31	7.17	12.57	1.46	0.00
SQU-US	2025-11-25 22:45:00	5.18	4.97	0.31	7.22	12.79	1.53	0.00
SQU-US	2025-11-25 23:00:00	5.16	0.09	0.32	7.31	12.89	1.46	0.00
SQU-US	2025-11-25 23:15:00	5.15	0.09	0.32	7.36	12.88	1.45	0.00
SQU-US	2025-11-25 23:30:00	5.15	0.09	0.33	7.30	12.91	1.51	0.00
SQU-US	2025-11-25 23:45:00	5.14	0.09	0.33	7.32	12.95	1.48	0.00
SQU-US	2025-11-26 00:00:00	5.13	0.09	0.33	7.30	12.95	1.51	0.00
SQU-US	2025-11-26 00:15:00	5.12	0.09	0.33	7.31	12.97	1.47	0.00
SQU-US	2025-11-26 00:30:00	5.11	0.09	0.34	7.23	12.97	1.48	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	2025-11-26 00:45:00	5.09	0.09	0.34	7.17	12.99	1.49	0.00
SQU-US	2025-11-26 01:00:00	5.09	0.09	0.34	7.15	13.00	1.45	0.00
SQU-US	2025-11-26 01:15:00	5.09	0.09	0.34	7.14	13.00	1.48	0.00
SQU-US	2025-11-26 01:30:00	5.08	0.09	0.34	7.15	13.00	1.48	0.00
SQU-US	2025-11-26 01:45:00	5.07	0.09	0.34	7.19	13.01	1.49	0.00
SQU-US	2025-11-26 02:00:00	5.04	0.09	0.33	7.24	13.03	1.53	0.00
SQU-US	2025-11-26 02:15:00	5.01	0.09	0.33	7.25	13.03	1.49	0.00
SQU-US	2025-11-26 02:30:00	4.98	0.09	0.33	7.25	13.04	1.50	0.00
SQU-US	2025-11-26 02:45:00	5.00	0.09	0.33	7.25	13.04	1.42	0.00
SQU-US	2025-11-26 03:00:00	5.00	0.09	0.33	7.25	13.04	1.35	0.00
SQU-US	2025-11-26 03:15:00	4.99	0.09	0.33	7.24	13.04	1.42	0.00
SQU-US	2025-11-26 03:30:00	4.96	0.09	0.34	7.24	13.07	1.44	0.00
SQU-US	2025-11-26 03:45:00	4.92	0.09	0.34	7.22	13.07	1.35	0.00
SQU-US	2025-11-26 04:00:00	4.88	0.09	0.34	7.21	13.08	1.35	0.00
SQU-US	2025-11-26 04:15:00	4.91	0.09	0.34	7.20	13.07	1.25	0.00
SQU-US	2025-11-26 04:30:00	4.87	0.09	0.34	7.19	13.09	1.35	0.00
SQU-US	2025-11-26 04:45:00	4.82	0.09	0.34	7.18	13.11	1.23	0.00
SQU-US	2025-11-26 05:00:00	4.80	0.09	0.34	7.17	13.12	1.26	0.00
SQU-US	2025-11-26 05:15:00	4.74	0.09	0.34	7.16	13.13	1.06	0.00
SQU-US	2025-11-26 05:30:00	4.67	0.09	0.34	7.21	13.16	1.15	0.00
SQU-US	2025-11-26 05:45:00	4.66	0.09	0.34	7.20	13.16	1.13	0.00
SQU-US	2025-11-26 06:00:00	4.67	0.09	0.34	7.20	13.15	1.17	0.00
SQU-US	2025-11-26 06:15:00	4.67	0.09	0.34	7.19	13.16	1.15	0.00
SQU-US	2025-11-26 06:30:00	4.68	0.09	0.34	7.18	13.15	1.21	0.00
SQU-US	2025-11-26 06:45:00	4.73	0.09	0.34	7.18	13.15	1.27	0.00
SQU-US	2025-11-26 07:00:00	4.82	0.09	0.34	7.17	13.12	1.29	0.00
SQU-US	2025-11-26 07:15:00	5.03	1.85	0.33	7.19	12.74	1.41	0.00
SQU-US	2025-11-26 07:30:00	5.08	49.22	0.33	7.16	12.55	4.28	0.02
SQU-US	2025-11-26 07:45:00	5.08	49.18	0.33	7.11	12.54	4.21	0.02
SQU-US	2025-11-26 08:00:00	5.08	49.13	0.34	7.08	12.55	5.27	0.02
SQU-US	2025-11-26 08:15:00	5.07	48.97	0.34	7.07	12.56	5.86	0.02
SQU-US	2025-11-26 08:30:00	5.07	48.78	0.34	7.07	12.57	7.83	0.02
SQU-US	2025-11-26 08:45:00	5.07	48.83	0.34	7.08	12.58	7.84	0.02
SQU-US	2025-11-26 09:00:00	5.08	49.01	0.34	7.09	12.58	7.54	0.02
SQU-US	2025-11-26 09:15:00	5.08	48.84	0.34	7.10	12.61	9.92	0.02
SQU-US	2025-11-26 09:30:00	5.10	49.07	0.34	7.08	12.59	8.93	0.02
SQU-US	2025-11-26 09:45:00	5.10	48.68	0.34	7.10	12.61	8.85	0.02
SQU-US	2025-11-26 10:00:00	5.11	48.40	0.34	7.11	12.65	6.51	0.02
SQU-US	2025-11-26 10:15:00	5.13	48.96	0.34	7.11	12.64	8.12	0.02
SQU-US	2025-11-26 10:30:00	5.19	50.57	0.35	7.10	12.61	8.34	0.02
SQU-US	2025-11-26 10:45:00	5.24	51.54	0.35	7.06	12.55	7.10	0.02
SQU-US	2025-11-26 11:00:00	5.25	50.74	0.34	7.09	12.59	7.53	0.02
SQU-US	2025-11-26 11:15:00	5.28	50.76	0.34	7.09	12.59	7.44	0.02
SQU-US	2025-11-26 11:30:00	5.35	52.59	0.35	7.05	12.50	7.93	0.02
SQU-US	2025-11-26 11:45:00	5.40	53.60	0.34	7.05	12.47	7.26	0.02
SQU-US	2025-11-26 12:00:00	5.44	54.58	0.34	7.03	12.43	6.69	0.02
SQU-US	2025-11-26 12:15:00	5.43	52.94	0.35	7.02	12.47	5.87	0.02
SQU-US	2025-11-26 12:30:00	5.45	52.64	0.34	7.04	12.48	7.27	0.02
SQU-US	2025-11-26 12:45:00	5.48	52.93	0.35	7.02	12.47	7.57	0.02
SQU-US	2025-11-26 13:00:00	5.51	52.72	0.34	7.04	12.44	7.82	0.02
SQU-US	2025-11-26 13:15:00	5.53	51.95	0.34	7.04	12.46	6.84	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	2025-11-26 13:30:00	5.57	52.17	0.34	7.04	12.45	6.18	0.02
SQU-US	2025-11-26 13:45:00	5.59	51.91	0.34	7.04	12.43	6.81	0.02
SQU-US	2025-11-26 14:00:00	5.59	51.55	0.35	7.02	12.43	8.02	0.02
SQU-US	2025-11-26 14:15:00	5.59	51.24	0.34	7.05	12.42	6.23	0.02
SQU-US	2025-11-26 14:30:00	5.60	51.64	0.35	6.97	12.40	6.28	0.02
SQU-US	2025-11-26 14:45:00	5.58	51.44	0.34	6.99	12.40	5.48	0.02
SQU-US	2025-11-26 15:00:00	5.57	51.51	0.35	6.99	12.39	9.55	0.02
SQU-US	2025-11-26 15:15:00	5.55	51.26	0.34	7.03	12.39	6.67	0.02
SQU-US	2025-11-26 15:30:00	5.55	47.33	0.35	6.95	12.38	7.30	0.02
SQU-US	2025-11-26 15:45:00	5.52	11.09	0.34	7.07	12.43	1.40	0.00
SQU-US	2025-11-26 16:00:00	5.53	0.09	0.33	7.25	12.87	1.53	0.00
SQU-US	2025-11-26 16:15:00	5.53	0.09	0.33	7.33	12.89	1.36	0.00
SQU-US	2025-11-26 16:30:00	5.54	0.09	0.33	7.33	12.89	1.19	0.00
SQU-US	2025-11-26 16:45:00	5.52	0.09	0.33	7.32	12.90	0.96	0.00
SQU-US	2025-11-26 17:00:00	5.46	0.09	0.33	7.30	12.91	0.90	0.00
SQU-US	2025-11-26 17:15:00	5.35	0.09	0.34	7.28	12.95	0.88	0.00
SQU-US	2025-11-26 17:30:00	5.31	0.09	0.34	7.26	12.95	0.85	0.00
SQU-US	2025-11-26 17:45:00	5.26	0.09	0.34	7.24	12.98	0.81	0.00
SQU-US	2025-11-26 18:00:00	5.23	0.09	0.34	7.22	12.98	0.84	0.00
SQU-US	2025-11-26 18:15:00	5.23	0.09	0.34	7.20	13.00	0.82	0.00
SQU-US	2025-11-26 18:30:00	5.22	0.09	0.34	7.19	13.00	0.83	0.00
SQU-US	2025-11-26 18:45:00	5.20	0.09	0.34	7.17	13.00	0.85	0.00
SQU-US	2025-11-26 19:00:00	5.23	0.09	0.34	7.15	13.00	0.82	0.00
SQU-US	2025-11-26 19:15:00	5.24	0.09	0.34	7.14	12.99	0.87	0.00
SQU-US	2025-11-26 19:30:00	5.24	0.09	0.34	7.12	12.98	0.83	0.00
SQU-US	2025-11-26 19:45:00	5.16	0.09	0.34	7.11	12.99	0.86	0.00
SQU-US	2025-11-26 20:00:00	5.07	0.09	0.34	7.10	13.04	1.02	0.00
SQU-US	2025-11-26 20:15:00	5.04	0.09	0.34	7.08	13.04	0.83	0.00
SQU-US	2025-11-26 20:30:00	5.01	0.09	0.35	7.06	13.06	0.84	0.00
SQU-US	2025-11-26 20:45:00	4.94	0.09	0.35	7.05	13.07	0.82	0.00
SQU-US	2025-11-26 21:00:00	4.89	0.09	0.35	7.04	13.11	0.83	0.00
SQU-US	2025-11-26 21:15:00	4.87	0.09	0.35	7.03	13.10	0.80	0.00
SQU-US	2025-11-26 21:30:00	4.79	0.09	0.35	7.01	13.14	0.83	0.00
SQU-US	2025-11-26 21:45:00	4.71	0.09	0.35	7.00	13.15	0.84	0.00
SQU-US	2025-11-26 22:00:00	4.71	0.09	0.35	6.99	13.17	0.80	0.00
SQU-US	2025-11-26 22:15:00	4.68	0.09	0.35	6.98	13.17	0.78	0.00
SQU-US	2025-11-26 22:30:00	4.65	0.09	0.36	6.97	13.18	0.85	0.00
SQU-US	2025-11-26 22:45:00	4.65	0.09	0.36	6.96	13.18	0.83	0.00
SQU-US	2025-11-26 23:00:00	4.60	0.09	0.36	6.94	13.18	0.83	0.00
SQU-US	2025-11-26 23:15:00	4.62	0.09	0.36	6.93	13.18	0.81	0.00
SQU-US	2025-11-26 23:30:00	4.64	0.09	0.36	6.92	13.18	0.76	0.00
SQU-US	2025-11-26 23:45:00	4.61	0.09	0.36	6.91	13.19	0.81	0.00
SQU-US	2025-11-27 00:00:00		0.09			13.18		0.00
SQU-US	2025-11-27 00:15:00	4.65	0.09	0.36	6.90	13.18	0.81	0.00
SQU-US	2025-11-27 00:30:00	4.65	0.09	0.36	6.89	13.16	0.85	0.00
SQU-US	2025-11-27 00:45:00	4.67	0.09	0.36	6.88	13.16	0.80	0.00
SQU-US	2025-11-27 01:00:00	4.70	0.09	0.36	6.87	13.14	0.85	0.00
SQU-US	2025-11-27 01:15:00	4.70	0.09	0.36	6.87	13.14	0.81	0.00
SQU-US	2025-11-27 01:30:00	4.72	0.09	0.36	6.86	13.14	0.78	0.00
SQU-US	2025-11-27 01:45:00	4.74	0.09	0.36	6.85	13.14	0.81	0.00
SQU-US	2025-11-27 02:00:00	4.75	0.09	0.36	6.84	13.12	0.76	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	2025-11-27 02:15:00	4.76	0.09	0.36	6.84	13.12	0.80	0.00
SQU-US	2025-11-27 02:30:00	4.78	0.09	0.36	6.83	13.10	0.83	0.00
SQU-US	2025-11-27 02:45:00	4.80	0.09	0.36	6.83	13.10	0.77	0.00
SQU-US	2025-11-27 03:00:00	4.82	0.09	0.36	6.82	13.09	0.79	0.00
SQU-US	2025-11-27 03:15:00	4.83	0.09	0.36	6.81	13.08	0.83	0.00
SQU-US	2025-11-27 03:30:00	4.83	0.09	0.36	6.81	13.09	0.78	0.00
SQU-US	2025-11-27 03:45:00	4.86	0.09	0.36	6.80	13.07	0.80	0.00
SQU-US	2025-11-27 04:00:00	4.87	0.09	0.36	6.80	13.06	0.78	0.00
SQU-US	2025-11-27 04:15:00	4.86	0.09	0.36	6.79	13.06	0.82	0.00
SQU-US	2025-11-27 04:30:00	4.87	0.09	0.36	6.79	13.07	0.84	0.00
SQU-US	2025-11-27 04:45:00	4.88	0.09	0.36	6.78	13.06	0.81	0.00
SQU-US	2025-11-27 05:00:00	4.87	0.09	0.36	6.78	13.05	0.80	0.00
SQU-US	2025-11-27 05:15:00	4.85	0.09	0.36	6.77	13.07	0.81	0.00
SQU-US	2025-11-27 05:30:00	4.84	0.09	0.36	6.77	13.06	0.83	0.00
SQU-US	2025-11-27 05:45:00	4.82	0.09	0.36	6.76	13.07	0.81	0.00
SQU-US	2025-11-27 06:00:00	4.81	0.09	0.36	6.76	13.05	0.80	0.00
SQU-US	2025-11-27 06:15:00	4.81	0.09	0.36	6.75	13.07	0.76	0.00
SQU-US	2025-11-27 06:30:00	4.81	0.09	0.36	6.75	13.07	0.78	0.00
SQU-US	2025-11-27 06:45:00	4.81	0.09	0.36	6.75	13.07	0.78	0.00
SQU-US	2025-11-27 07:00:00	4.82	0.09	0.36	6.74	13.06	0.80	0.00
SQU-US	2025-11-27 07:15:00	4.84	0.09	0.36	6.74	13.05	0.78	0.00
SQU-US	2025-11-27 07:30:00	4.85	0.09	0.36	6.73	13.05	0.81	0.00
SQU-US	2025-11-27 07:45:00	4.84	0.09	0.36	6.73	13.05	0.83	0.00
SQU-US	2025-11-27 08:00:00	4.83	0.09	0.36	6.73	13.06	0.81	0.00
SQU-US	2025-11-27 08:15:00	5.11	0.60	0.33	6.92	12.58	1.40	0.00
SQU-US	2025-11-27 08:30:00	5.20	51.72	0.34	7.13	12.44	3.77	0.02
SQU-US	2025-11-27 08:45:00	5.19	51.47	0.34	7.14	12.48	5.35	0.02
SQU-US	2025-11-27 09:00:00	5.19	51.50	0.34	7.13	12.47	6.33	0.02
SQU-US	2025-11-27 09:15:00	5.20	51.69	0.34	7.11	12.47	6.32	0.02
SQU-US	2025-11-27 09:30:00	5.19	51.57	0.34	7.13	12.47	6.18	0.02
SQU-US	2025-11-27 09:45:00	5.19	51.27	0.34	7.16	12.48	6.27	0.02
SQU-US	2025-11-27 10:00:00	5.20	51.48	0.34	7.15	12.49	6.48	0.02
SQU-US	2025-11-27 10:15:00	5.20	51.47	0.34	7.14	12.49	6.53	0.02
SQU-US	2025-11-27 10:30:00	5.20	51.28	0.34	7.16	12.52	7.13	0.02
SQU-US	2025-11-27 10:45:00	5.22	51.18	0.34	7.16	12.53	6.77	0.02
SQU-US	2025-11-27 11:00:00	5.23	51.34	0.34	7.15	12.55	6.41	0.02
SQU-US	2025-11-27 11:15:00	5.24	51.86	0.34	7.18	12.53	7.47	0.02
SQU-US	2025-11-27 11:30:00	5.27	52.47	0.34	7.18	12.52	8.05	0.02
SQU-US	2025-11-27 11:45:00	5.31	53.82	0.34	7.15	12.49	9.01	0.02
SQU-US	2025-11-27 12:00:00	5.36	55.46	0.34	7.15	12.45	5.29	0.02
SQU-US	2025-11-27 12:15:00	5.41	56.88	0.34	7.10	12.35	7.75	0.03
SQU-US	2025-11-27 12:30:00	5.45	58.24	0.34	7.07	12.30	6.83	0.03
SQU-US	2025-11-27 12:45:00	5.48	59.09	0.34	7.05	12.26	8.27	0.03
SQU-US	2025-11-27 13:00:00	5.49	58.85	0.34	7.06	12.27	9.35	0.03
SQU-US	2025-11-27 13:15:00	5.47	57.78	0.34	7.06	12.33	15.72	0.03
SQU-US	2025-11-27 13:30:00	5.47	57.20	0.34	7.07	12.33	11.28	0.03
SQU-US	2025-11-27 13:45:00	5.48	56.87	0.34	7.07	12.35	11.65	0.03
SQU-US	2025-11-27 14:00:00	5.47	55.69	0.34	7.07	12.37	11.47	0.02
SQU-US	2025-11-27 14:15:00	5.47	55.25	0.34	7.08	12.36	12.19	0.02
SQU-US	2025-11-27 14:30:00	5.48	54.86	0.34	7.10	12.36	11.40	0.02
SQU-US	2025-11-27 14:45:00	5.48	54.48	0.34	7.09	12.36	9.94	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	2025-11-27 15:00:00	5.47	54.02	0.34	7.07	12.37	6.61	0.02
SQU-US	2025-11-27 15:15:00	5.47	53.98	0.34	7.07	12.35	9.75	0.02
SQU-US	2025-11-27 15:30:00	5.46	53.54	0.34	7.06	12.34	8.81	0.02
SQU-US	2025-11-27 15:45:00	5.46	10.08	0.35	7.00	12.39	1.38	0.00
SQU-US	2025-11-27 16:00:00	5.48	0.09	0.33	7.32	12.81	1.29	0.00
SQU-US	2025-11-27 16:15:00	5.51	0.09	0.33	7.36	12.80	0.85	0.00
SQU-US	2025-11-27 16:30:00	5.51	0.09	0.33	7.36	12.81	0.83	0.00
SQU-US	2025-11-27 16:45:00	5.51	0.09	0.33	7.35	12.80	0.85	0.00
SQU-US	2025-11-27 17:00:00		0.09			12.80		0.00
SQU-US	2025-11-27 17:15:00	5.51	0.09	0.33	7.32	12.81	0.86	0.00
SQU-US	2025-11-27 17:30:00	5.51	0.09	0.33	7.30	12.80	0.84	0.00
SQU-US	2025-11-27 17:45:00	5.50	0.09	0.33	7.28	12.81	0.86	0.00
SQU-US	2025-11-27 18:00:00	5.49	0.09	0.33	7.26	12.81	0.81	0.00
SQU-US	2025-11-27 18:15:00	5.50	0.09	0.33	7.24	12.81	0.81	0.00
SQU-US	2025-11-27 18:30:00	5.51	0.09	0.33	7.22	12.79	0.85	0.00
SQU-US	2025-11-27 18:45:00	5.50	0.09	0.33	7.20	12.80	0.79	0.00
SQU-US	2025-11-27 19:00:00	5.55	0.09	0.33	7.18	12.80	0.78	0.00
SQU-US	2025-11-27 19:15:00	5.56	0.09	0.34	7.16	12.79	0.84	0.00
SQU-US	2025-11-27 19:30:00	5.60	0.09	0.34	7.14	12.77	0.86	0.00
SQU-US	2025-11-27 19:45:00	5.63	0.09	0.34	7.12	12.77	0.81	0.00
SQU-US	2025-11-27 20:00:00	5.65	0.09	0.34	7.10	12.76	0.80	0.00
SQU-US	2025-11-27 20:15:00	5.70	0.09	0.34	7.08	12.74	0.80	0.00
SQU-US	2025-11-27 20:30:00	5.74	0.09	0.34	7.06	12.73	0.81	0.00
SQU-US	2025-11-27 20:45:00	5.74	0.09	0.34	7.04	12.74	0.81	0.00
SQU-US	2025-11-27 21:00:00	5.72	0.09	0.34	7.02	12.74	0.83	0.00
SQU-US	2025-11-27 21:15:00	5.72	0.09	0.34	7.01	12.74	0.78	0.00
SQU-US	2025-11-27 21:30:00	5.74	0.09	0.34	6.99	12.74	0.77	0.00
SQU-US	2025-11-27 21:45:00	5.76	0.09	0.34	6.98	12.73	0.86	0.00
SQU-US	2025-11-27 22:00:00	5.77	0.09	0.34	6.96	12.72	0.78	0.00
SQU-US	2025-11-27 22:15:00	5.77	0.09	0.34	6.95	12.73	0.83	0.00
SQU-US	2025-11-27 22:30:00	5.79	0.09	0.35	6.93	12.70	0.81	0.00
SQU-US	2025-11-27 22:45:00	5.81	0.09	0.35	6.92	12.71	0.79	0.00
SQU-US	2025-11-27 23:00:00	5.84	0.09	0.35	6.90	12.70	0.78	0.00
SQU-US	2025-11-27 23:15:00	5.92	0.09	0.35	6.89	12.68	0.80	0.00
SQU-US	2025-11-27 23:30:00	6.08	0.09	0.35	6.86	12.63	0.86	0.00
SQU-US	2025-11-27 23:45:00	6.20	0.09	0.35	6.84	12.62	0.80	0.00
SQU-US	2025-11-28 00:00:00	6.25	0.09	0.35	6.83	12.59	0.83	0.00
SQU-US	2025-11-28 00:15:00	6.23	0.09	0.35	6.82	12.59	0.82	0.00
SQU-US	2025-11-28 00:30:00	6.17	0.09	0.35	6.80	12.62	0.81	0.00
SQU-US	2025-11-28 00:45:00	6.09	0.09	0.35	6.80	12.64	0.79	0.00
SQU-US	2025-11-28 01:00:00	5.95	0.09	0.35	6.79	12.69	0.81	0.00
SQU-US	2025-11-28 01:15:00	5.78	0.09	0.35	6.78	12.74	0.80	0.00
SQU-US	2025-11-28 01:30:00	5.58	0.09	0.35	6.77	12.80	0.89	0.00
SQU-US	2025-11-28 01:45:00	5.38	0.09	0.35	6.76	12.86	0.91	0.00
SQU-US	2025-11-28 02:00:00	5.29	0.09	0.35	6.75	12.91	0.95	0.00
SQU-US	2025-11-28 02:15:00	5.22	0.09	0.35	6.75	12.94	0.96	0.00
SQU-US	2025-11-28 02:30:00	5.16	0.09	0.35	6.74	12.96	0.97	0.00
SQU-US	2025-11-28 02:45:00	5.15	0.09	0.36	6.73	12.97	0.96	0.00
SQU-US	2025-11-28 03:00:00		0.09			12.98		0.00
SQU-US	2025-11-28 03:15:00	5.04	0.09	0.36	6.72	13.01	0.96	0.00
SQU-US	2025-11-28 03:30:00	4.89	0.09	0.36	6.72	13.06	1.02	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	2025-11-28 03:45:00	4.74	0.09	0.36	6.71	13.12	0.94	0.00
SQU-US	2025-11-28 04:00:00	4.58	0.09	0.36	6.71	13.17	0.95	0.00
SQU-US	2025-11-28 04:15:00	4.43	0.09	0.36	6.70	13.22	0.94	0.00
SQU-US	2025-11-28 04:30:00	4.36	0.09	0.36	6.70	13.24	0.98	0.00
SQU-US	2025-11-28 04:45:00	4.28	0.09	0.36	6.70	13.27	0.98	0.00
SQU-US	2025-11-28 05:00:00	4.30	0.09	0.36	6.69	13.27	0.98	0.00
SQU-US	2025-11-28 05:15:00	4.30	0.09	0.36	6.69	13.28	0.95	0.00
SQU-US	2025-11-28 05:30:00	4.38	0.09	0.36	6.68	13.25	0.98	0.00
SQU-US	2025-11-28 05:45:00	4.37	0.09	0.36	6.68	13.25	0.98	0.00
SQU-US	2025-11-28 06:00:00	4.35	0.09	0.36	6.67	13.25	1.00	0.00
SQU-US	2025-11-28 06:15:00	4.32	0.09	0.36	6.67	13.27	1.04	0.00
SQU-US	2025-11-28 06:30:00	4.20	0.09	0.36	6.67	13.32	1.00	0.00
SQU-US	2025-11-28 06:45:00	4.06	0.09	0.36	6.66	13.37	1.06	0.00
SQU-US	2025-11-28 07:00:00	3.99	0.09	0.36	6.66	13.40	1.00	0.00
SQU-US	2025-11-28 07:15:00	3.85	0.09	0.36	6.66	13.44	1.00	0.00
SQU-US	2025-11-28 07:30:00	3.73	0.09	0.36	6.66	13.49	1.04	0.00
SQU-US	2025-11-28 07:45:00	3.63	0.09	0.37	6.65	13.52	1.04	0.00
SQU-US	2025-11-28 08:00:00	3.49	0.09	0.37	6.65	13.58	1.05	0.00
SQU-US	2025-11-28 08:15:00	3.37	0.09	0.37	6.65	13.62	1.02	0.00
SQU-US	2025-11-28 08:30:00	3.28	0.09	0.37	6.65	13.67	1.01	0.00
SQU-US	2025-11-28 08:45:00	3.21	0.09	0.37	6.65	13.69	1.04	0.00
SQU-US	2025-11-28 09:00:00	4.00	5.49	0.36	6.74	13.23	1.40	0.00
SQU-US	2025-11-28 09:15:00	4.74	53.43	0.35	7.17	12.61	3.69	0.02
SQU-US	2025-11-28 09:30:00	4.73	53.33	0.33	7.12	12.64	2.11	0.02
SQU-US	2025-11-28 09:45:00	4.73	52.98	0.31	7.13	12.65	2.15	0.02
SQU-US	2025-11-28 10:00:00	4.75	53.53	0.32	7.17	12.65	2.51	0.02
SQU-US	2025-11-28 10:15:00	4.76	52.97	0.32	7.14	12.66	2.23	0.02
SQU-US	2025-11-28 10:30:00	4.78	53.38	0.32	7.17	12.67	2.03	0.02
SQU-US	2025-11-28 10:45:00	4.81	53.49	0.32	7.17	12.67	2.04	0.02
SQU-US	2025-11-28 11:00:00	4.84	53.12	0.32	7.10	12.67	2.13	0.02
SQU-US	2025-11-28 11:15:00	4.86	53.50	0.32	7.10	12.69	2.34	0.02
SQU-US	2025-11-28 11:30:00	4.89	53.72	0.31	7.11	12.70	2.27	0.02
SQU-US	2025-11-28 11:45:00	4.92	53.84	0.32	7.13	12.71	2.25	0.02
SQU-US	2025-11-28 12:00:00	4.96	54.02	0.32	7.10	12.71	2.63	0.02
SQU-US	2025-11-28 12:15:00	5.04	56.79	0.32	7.13	12.67	2.57	0.03
SQU-US	2025-11-28 12:30:00	5.13	59.69	0.31	7.06	12.57	2.37	0.03
SQU-US	2025-11-28 12:45:00	5.19	61.10	0.28	7.04	12.50	2.35	0.03
SQU-US	2025-11-28 13:00:00	5.19	59.14	0.27	7.06	12.55	2.46	0.03
SQU-US	2025-11-28 13:15:00	5.24	60.47	0.27	7.05	12.52	2.37	0.03
SQU-US	2025-11-28 13:30:00	5.27	62.26	0.27	7.01	12.48	2.64	0.03
SQU-US	2025-11-28 13:45:00	5.24	61.98	0.28	7.01	12.48	2.83	0.03
SQU-US	2025-11-28 14:00:00	5.19	59.51	0.28	7.04	12.53	2.83	0.03
SQU-US	2025-11-28 14:15:00	5.17	59.10	0.29	7.06	12.53	2.85	0.03
SQU-US	2025-11-28 14:30:00	5.15	58.64	0.28	7.05	12.52	2.80	0.03
SQU-US	2025-11-28 14:45:00	5.11	57.82	0.27	7.07	12.53	2.97	0.03
SQU-US	2025-11-28 15:00:00	5.07	56.88	0.28	7.07	12.56	2.85	0.03
SQU-US	2025-11-28 15:15:00	5.06	57.07	0.29	7.04	12.49	3.47	0.03
SQU-US	2025-11-28 15:30:00	5.02	56.30	0.30	6.99	12.47	3.09	0.03
SQU-US	2025-11-28 15:45:00	5.03	56.85	0.30	6.92	12.42	3.24	0.03
SQU-US	2025-11-28 16:00:00	4.99	56.53	0.30	6.90	12.41	2.96	0.03
SQU-US	2025-11-28 16:15:00	5.00	56.94	0.30	6.82	12.29	3.38	0.03

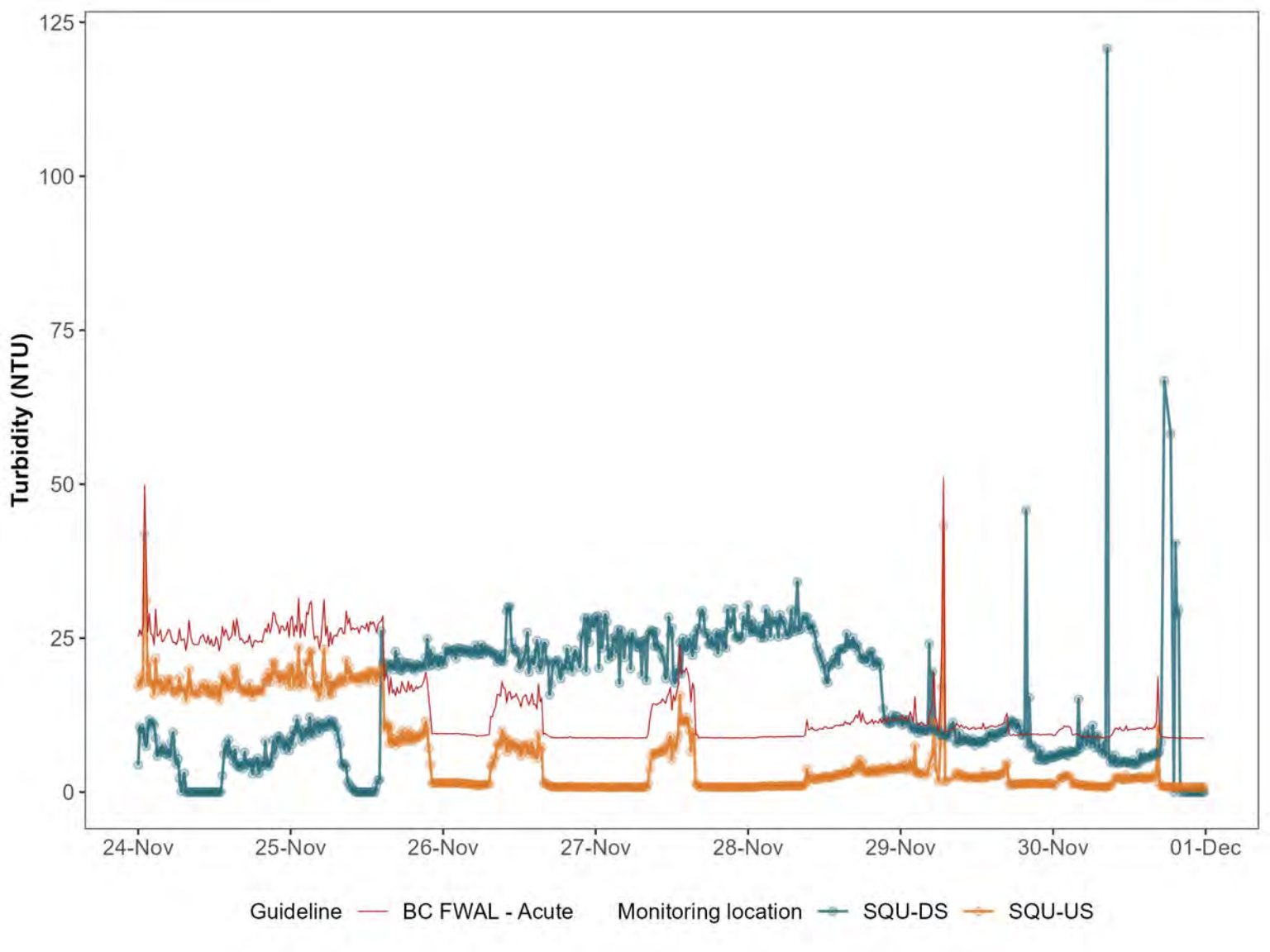
Squamish River								
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**	**Salinity (PSU)**
SQU-US	2025-11-28 16:30:00	4.98	57.28	0.30	6.84	12.33	3.46	0.03
SQU-US	2025-11-28 16:45:00	4.95	57.28	0.31	6.78	12.36	3.96	0.03
SQU-US	2025-11-28 17:00:00	4.97	57.92	0.30	6.75	12.28	4.50	0.03
SQU-US	2025-11-28 17:15:00	4.94	57.44	0.30	6.71	12.30	4.03	0.03
SQU-US	2025-11-28 17:30:00	4.98	57.36	0.29	6.69	12.33	5.30	0.03
SQU-US	2025-11-28 17:45:00	4.96	58.19	0.29	6.70	12.21	3.38	0.03
SQU-US	2025-11-28 18:00:00	4.92	57.33	0.29	6.65	12.23	4.78	0.03
SQU-US	2025-11-28 18:15:00	4.99	60.74	0.29	6.62	12.29	3.68	0.03
SQU-US	2025-11-28 18:30:00	4.94	59.07	0.29	6.67	12.17	3.27	0.03
SQU-US	2025-11-28 18:45:00	4.90	58.27	0.28	6.66	12.33	3.05	0.03
SQU-US	2025-11-28 19:00:00	4.89	58.45	0.28	6.70	12.34	3.31	0.03
SQU-US	2025-11-28 19:15:00	4.84	56.95	0.28	6.73	12.30	3.34	0.03
SQU-US	2025-11-28 19:30:00	4.95	58.27	0.28	6.66	12.27	3.79	0.03
SQU-US	2025-11-28 19:45:00	4.91	57.68	0.28	6.68	12.31	3.10	0.03
SQU-US	2025-11-28 20:00:00	5.02	58.13	0.28	6.66	12.29	3.59	0.03
SQU-US	2025-11-28 20:15:00	4.91	58.78	0.28	6.71	12.32	3.40	0.03
SQU-US	2025-11-28 20:30:00	4.86	58.57	0.28	6.71	12.33	3.19	0.03
SQU-US	2025-11-28 20:45:00	5.00	63.15	0.28	6.67	12.28	3.90	0.03
SQU-US	2025-11-28 21:00:00	4.90	60.17	0.28	6.63	12.22	3.24	0.03
SQU-US	2025-11-28 21:15:00	4.90	58.09	0.28	6.68	12.27	3.85	0.03
SQU-US	2025-11-28 21:30:00	4.87	58.73	0.28	6.70	12.21	3.72	0.03
SQU-US	2025-11-28 21:45:00	4.95	59.46	0.28	6.63	12.13	3.29	0.03
SQU-US	2025-11-28 22:00:00	4.81	58.22	0.28	6.70	12.30	4.15	0.03
SQU-US	2025-11-28 22:15:00	4.81	58.00	0.28	6.68	12.33	3.91	0.03
SQU-US	2025-11-28 22:30:00	4.84	57.60	0.28	6.71	12.24	3.75	0.03
SQU-US	2025-11-28 22:45:00	4.84	58.49	0.28	6.67	12.23	3.62	0.03
SQU-US	2025-11-28 23:00:00	4.81	58.30	0.28	6.71	12.35	3.63	0.03
SQU-US	2025-11-28 23:15:00	4.82	57.92	0.28	6.74	12.38	3.84	0.03
SQU-US	2025-11-28 23:30:00	4.81	58.53	0.28	6.71	12.35	3.88	0.03
SQU-US	2025-11-28 23:45:00	4.83	59.18	0.28	6.73	12.28	3.79	0.03
SQU-US	2025-11-29 00:00:00	4.81	59.74	0.28	6.72	12.38	3.93	0.03
SQU-US	2025-11-29 00:15:00	4.80	57.99	0.28	6.74	12.30	4.50	0.03
SQU-US	2025-11-29 00:30:00	4.91	60.41	0.28	6.70	12.39	3.69	0.03
SQU-US	2025-11-29 00:45:00	4.83	57.89	0.28	6.69	12.24	4.26	0.03
SQU-US	2025-11-29 01:00:00	4.85	60.76	0.28	6.70	12.33	3.59	0.03
SQU-US	2025-11-29 01:15:00	4.75	58.12	0.29	6.68	12.19	3.89	0.03
SQU-US	2025-11-29 01:30:00	4.79	59.55	0.28	6.71	12.35	5.07	0.03
SQU-US	2025-11-29 01:45:00	4.74	58.10	0.28	6.72	12.26	4.29	0.03
SQU-US	2025-11-29 02:00:00	4.68	57.39	0.28	6.75	12.38	3.44	0.03
SQU-US	2025-11-29 02:15:00	4.65	57.54	0.28	6.70	12.40	7.50	0.03
SQU-US	2025-11-29 02:30:00	4.83	61.18	0.28	6.68	12.25	3.22	0.03
SQU-US	2025-11-29 02:45:00	4.63	56.89	0.27	6.75	12.44	2.96	0.03
SQU-US	2025-11-29 03:00:00	4.68	58.31	0.27	6.72	12.25	2.94	0.03
SQU-US	2025-11-29 03:15:00	4.74	57.55	0.27	6.74	12.41	3.35	0.03
SQU-US	2025-11-29 03:30:00	4.59	57.42	0.27	6.77	12.40	107.70	0.03
SQU-US	2025-11-29 03:45:00	4.60	58.26	0.27	6.81	12.44	2.81	0.03
SQU-US	2025-11-29 04:00:00	4.56	57.43	0.26	6.86	12.41	540.14	0.03
SQU-US	2025-11-29 04:15:00	4.60	56.65	0.26	6.87	12.43	2.97	0.03
SQU-US	2025-11-29 04:30:00	4.66	57.81	0.26	6.87	12.37	4.50	0.03
SQU-US	2025-11-29 04:45:00	4.60	56.39	0.27	6.88	12.38	501.14	0.02
SQU-US	2025-11-29 05:00:00	4.58	59.16	0.26	6.94	12.42	6.05	0.03

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	2025-11-29 05:15:00	4.57	59.82	0.26	7.01	12.46	11.51	0.03
SQU-US	2025-11-29 05:30:00	4.53	56.92	0.26	6.99	12.49	4.05	0.03
SQU-US	2025-11-29 05:45:00	4.52	57.20	0.26	7.07	12.50	576.99	0.03
SQU-US	2025-11-29 06:00:00	4.61	58.41	0.26	7.08	12.42	1.67	0.03
SQU-US	2025-11-29 06:15:00	4.56	57.73	0.26	7.08	12.44	7.87	0.03
SQU-US	2025-11-29 06:30:00	4.44	55.71	0.26	7.11	12.50	16.95	0.02
SQU-US	2025-11-29 06:45:00	4.46	56.04	0.26	7.11	12.49	43.17	0.02
SQU-US	2025-11-29 07:00:00	4.44	42.35	0.25	7.14	12.42	1.75	0.02
SQU-US	2025-11-29 07:15:00	4.42	55.13	0.25	7.18	12.51	1.85	0.02
SQU-US	2025-11-29 07:30:00	4.42	55.00	0.25	7.18	12.55	468.69	0.02
SQU-US	2025-11-29 07:45:00	4.43	58.55	0.25	7.16	12.51	233.62	0.03
SQU-US	2025-11-29 08:00:00	4.45	56.95	0.25	7.17	12.46	665.08	0.03
SQU-US	2025-11-29 08:15:00	4.38	56.76	0.25	7.10	12.55	489.54	0.03
SQU-US	2025-11-29 08:30:00	4.46	57.61	0.26	6.86	12.43	2.38	0.03
SQU-US	2025-11-29 08:45:00	4.39	57.47	0.27	6.79	12.45	3.15	0.03
SQU-US	2025-11-29 09:00:00	4.37	57.04	0.28	6.86	12.55	2.97	0.03
SQU-US	2025-11-29 09:15:00	4.37	56.96	0.29	6.91	12.56	2.55	0.03
SQU-US	2025-11-29 09:30:00	4.34	56.83	0.30	6.97	12.65	2.92	0.03
SQU-US	2025-11-29 09:45:00	4.33	56.57	0.30	7.01	12.68	2.60	0.03
SQU-US	2025-11-29 10:00:00	4.32	56.01	0.31	7.05	12.70	2.38	0.02
SQU-US	2025-11-29 10:15:00	4.31	55.75	0.30	7.08	12.74	2.65	0.02
SQU-US	2025-11-29 10:30:00	4.30	55.13	0.30	7.05	12.78	2.46	0.02
SQU-US	2025-11-29 10:45:00	4.30	54.94	0.30	7.10	12.78	2.16	0.02
SQU-US	2025-11-29 11:00:00		54.98			12.78		0.02
SQU-US	2025-11-29 11:15:00	4.31	55.14	0.31	7.09	12.79	2.43	0.02
SQU-US	2025-11-29 11:30:00	4.31	54.71	0.31	7.07	12.81	2.55	0.02
SQU-US	2025-11-29 11:45:00	4.33	54.95	0.31	7.11	12.80	2.23	0.02
SQU-US	2025-11-29 12:00:00	4.32	54.82	0.31	7.09	12.82	2.29	0.02
SQU-US	2025-11-29 12:15:00	4.34	55.03	0.31	7.13	12.81	2.41	0.02
SQU-US	2025-11-29 12:30:00	4.35	54.77	0.31	7.13	12.83	2.44	0.02
SQU-US	2025-11-29 12:45:00	4.37	55.39	0.32	7.10	12.83	2.29	0.02
SQU-US	2025-11-29 13:00:00	4.43	57.71	0.31	7.15	12.79	3.17	0.03
SQU-US	2025-11-29 13:15:00	4.54	61.94	0.31	7.09	12.69	2.20	0.03
SQU-US	2025-11-29 13:30:00	4.61	64.07	0.30	7.06	12.60	2.45	0.03
SQU-US	2025-11-29 13:45:00	4.65	64.62	0.30	7.02	12.60	2.46	0.03
SQU-US	2025-11-29 14:00:00	4.70	65.59	0.30	7.03	12.54	2.67	0.03
SQU-US	2025-11-29 14:15:00	4.70	64.71	0.31	7.03	12.57	2.69	0.03
SQU-US	2025-11-29 14:30:00	4.72	65.12	0.31	7.04	12.53	2.76	0.03
SQU-US	2025-11-29 14:45:00	4.72	64.40	0.31	7.04	12.52	2.59	0.03
SQU-US	2025-11-29 15:00:00	4.67	62.37	0.30	7.05	12.55	2.61	0.03
SQU-US	2025-11-29 15:15:00	4.66	62.03	0.30	7.06	12.50	2.65	0.03
SQU-US	2025-11-29 15:30:00	4.64	61.09	0.31	7.03	12.56	2.90	0.03
SQU-US	2025-11-29 15:45:00	4.62	60.61	0.31	7.03	12.52	2.87	0.03
SQU-US	2025-11-29 16:00:00	4.60	60.66	0.31	6.96	12.46	3.07	0.03
SQU-US	2025-11-29 16:15:00	4.60	60.26	0.31	6.90	12.37	3.23	0.03
SQU-US	2025-11-29 16:30:00	4.57	60.47	0.32	6.77	12.36	4.22	0.03
SQU-US	2025-11-29 16:45:00	4.63	61.04	0.31	6.66	12.13	4.75	0.03
SQU-US	2025-11-29 17:00:00	4.87	58.74	0.28	6.93	12.38	1.69	0.03
SQU-US	2025-11-29 17:15:00	4.47	8.40	0.30	7.11	12.95	1.19	0.00
SQU-US	2025-11-29 17:30:00	4.44	0.09	0.32	7.13	13.14	1.20	0.00
SQU-US	2025-11-29 17:45:00	4.34	0.09	0.32	7.15	13.21	1.41	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	2025-11-29 18:00:00	4.36	0.09	0.33	7.14	13.21	1.21	0.00
SQU-US	2025-11-29 18:15:00	4.33	0.09	0.33	7.14	13.22	1.23	0.00
SQU-US	2025-11-29 18:30:00	4.28	0.71	0.33	7.13	13.25	1.30	0.00
SQU-US	2025-11-29 18:45:00	4.26	5.49	0.33	7.13	13.27	1.39	0.00
SQU-US	2025-11-29 19:00:00	4.22	0.09	0.33	7.13	13.27	1.42	0.00
SQU-US	2025-11-29 19:15:00	4.23	2.28	0.33	7.12	13.27	1.21	0.00
SQU-US	2025-11-29 19:30:00	4.14	0.09	0.33	7.13	13.33	1.38	0.00
SQU-US	2025-11-29 19:45:00	4.02	0.09	0.34	7.12	13.39	1.39	0.00
SQU-US	2025-11-29 20:00:00	4.01	0.09	0.34	7.12	13.37	1.35	0.00
SQU-US	2025-11-29 20:15:00	3.97	0.09	0.34	7.12	13.40	1.38	0.00
SQU-US	2025-11-29 20:30:00	3.95	0.09	0.34	7.11	13.41	1.38	0.00
SQU-US	2025-11-29 20:45:00	3.96	0.09	0.34	7.11	13.41	1.40	0.00
SQU-US	2025-11-29 21:00:00	3.88	0.09	0.34	7.10	13.45	1.42	0.00
SQU-US	2025-11-29 21:15:00	3.80	0.09	0.34	7.10	13.49	1.37	0.00
SQU-US	2025-11-29 21:30:00	3.74	0.09	0.34	7.09	13.48	1.44	0.00
SQU-US	2025-11-29 21:45:00	3.81	0.09	0.34	7.08	13.42	1.37	0.00
SQU-US	2025-11-29 22:00:00	3.69	0.09	0.34	7.07	13.52	1.26	0.00
SQU-US	2025-11-29 22:15:00	3.68	0.09	0.34	7.07	13.52	1.34	0.00
SQU-US	2025-11-29 22:30:00	3.63	0.09	0.34	7.06	13.55	1.35	0.00
SQU-US	2025-11-29 22:45:00	3.61	0.09	0.35	7.05	13.54	1.35	0.00
SQU-US	2025-11-29 23:00:00	3.65	0.09	0.35	7.04	13.54	1.37	0.00
SQU-US	2025-11-29 23:15:00	3.65	0.09	0.35	7.03	13.53	1.40	0.00
SQU-US	2025-11-29 23:30:00	3.79	5.76	0.35	7.02	13.44	1.38	0.00
SQU-US	2025-11-29 23:45:00	3.89	0.09	0.35	7.00	13.42	1.42	0.00
SQU-US	2025-11-30 00:00:00	4.05	19.41	0.35	6.98	13.25	1.14	0.01
SQU-US	2025-11-30 00:15:00	4.06	37.60	0.34	6.83	12.78	1.21	0.02
SQU-US	2025-11-30 00:30:00	4.11	59.42	0.29	7.00	12.61	99.40	0.03
SQU-US	2025-11-30 00:45:00	4.17	61.79	0.27	6.95	12.43	298.27	0.03
SQU-US	2025-11-30 01:00:00	4.16	62.42	0.28	6.72	12.48	2.12	0.03
SQU-US	2025-11-30 01:15:00	4.07	60.38	0.29	6.77	12.53	2.26	0.03
SQU-US	2025-11-30 01:30:00	4.07	60.36	0.29	6.75	12.48	2.35	0.03
SQU-US	2025-11-30 01:45:00	4.03	59.74	0.29	6.77	12.47	2.76	0.03
SQU-US	2025-11-30 02:00:00	4.00	59.81	0.29	6.78	12.58	2.61	0.03
SQU-US	2025-11-30 02:15:00	4.19	62.86	0.29	6.68	12.51	2.68	0.03
SQU-US	2025-11-30 02:30:00	3.98	59.85	0.29	6.77	12.55	184.20	0.03
SQU-US	2025-11-30 02:45:00	3.97	57.29	0.28	7.01	12.63	2.45	0.03
SQU-US	2025-11-30 03:00:00	3.90	37.90	0.26	7.18	12.76	1.32	0.02
SQU-US	2025-11-30 03:15:00	3.86	28.40	0.31	7.14	13.22	1.32	0.01
SQU-US	2025-11-30 03:30:00	3.70	0.09	0.31	7.18	13.48	1.44	0.00
SQU-US	2025-11-30 03:45:00	3.42	0.09	0.32	7.17	13.62	1.34	0.00
SQU-US	2025-11-30 04:00:00	3.16	0.09	0.33	7.15	13.70	1.28	0.00
SQU-US	2025-11-30 04:15:00	2.83	0.10	0.33	7.15	13.84	1.14	0.00
SQU-US	2025-11-30 04:30:00	2.56	0.10	0.33	7.14	13.93	1.06	0.00
SQU-US	2025-11-30 04:45:00	2.26	0.10	0.34	7.14	14.03	1.13	0.00
SQU-US	2025-11-30 05:00:00	2.09	0.10	0.34	7.13	14.11	1.08	0.00
SQU-US	2025-11-30 05:15:00	1.95	0.10	0.34	7.13	14.18	1.01	0.00
SQU-US	2025-11-30 05:30:00	1.54	0.10	0.35	7.13	14.32	0.87	0.00
SQU-US	2025-11-30 05:45:00	1.64	0.10	0.35	7.12	14.29	1.00	0.00
SQU-US	2025-11-30 06:00:00	1.48	0.10	0.35	7.12	14.34	0.98	0.00
SQU-US	2025-11-30 06:15:00	1.45	0.10	0.35	7.11	14.37	0.92	0.00
SQU-US	2025-11-30 06:30:00	1.39	0.10	0.35	7.11	14.39	1.06	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	2025-11-30 06:45:00	1.26	0.10	0.36	7.10	14.44	0.88	0.00
SQU-US	2025-11-30 07:00:00	1.23	0.10	0.36	7.09	14.45	0.80	0.00
SQU-US	2025-11-30 07:15:00	1.18	0.10	0.36	7.08	14.47	0.93	0.00
SQU-US	2025-11-30 07:30:00	0.89	0.10	0.36	7.07	14.58	0.90	0.00
SQU-US	2025-11-30 07:45:00	0.95	0.10	0.36	7.06	14.56	0.84	0.00
SQU-US	2025-11-30 08:00:00	0.90	0.10	0.36	7.05	14.58	0.87	0.00
SQU-US	2025-11-30 08:15:00	0.93	0.10	0.36	7.04	14.58	0.77	0.00
SQU-US	2025-11-30 08:30:00	0.95	0.10	0.36	7.03	14.58	0.90	0.00
SQU-US	2025-11-30 08:45:00	1.04	0.10	0.36	7.02	14.55	0.91	0.00
SQU-US	2025-11-30 09:00:00	1.37	0.10	0.36	7.01	14.43	1.09	0.00
SQU-US	2025-11-30 09:15:00	3.04	4.37	0.36	7.00	13.85	1.29	0.00
SQU-US	2025-11-30 09:30:00	3.71	59.32	0.32	7.13	12.75	398.92	0.03
SQU-US	2025-11-30 09:45:00	3.72	59.59	0.30	6.93	12.73	2.29	0.03
SQU-US	2025-11-30 10:00:00	3.73	59.27	0.31	7.01	12.80	2.39	0.03
SQU-US	2025-11-30 10:15:00	3.70	58.77	0.32	7.03	12.88	2.18	0.03
SQU-US	2025-11-30 10:30:00	3.70	58.32	0.32	7.10	12.91	2.51	0.03
SQU-US	2025-11-30 10:45:00	3.72	58.25	0.32	7.13	12.96	2.07	0.03
SQU-US	2025-11-30 11:00:00	3.75	57.57	0.32	7.09	12.99	1.98	0.03
SQU-US	2025-11-30 11:15:00	3.79	58.11	0.31	7.12	12.97	2.12	0.03
SQU-US	2025-11-30 11:30:00	3.80	57.04	0.31	7.16	13.01	2.74	0.03
SQU-US	2025-11-30 11:45:00	3.84	56.83	0.31	7.14	13.01	2.00	0.03
SQU-US	2025-11-30 12:00:00	3.87	56.49	0.31	7.15	13.02	2.18	0.02
SQU-US	2025-11-30 12:15:00	3.91	56.20	0.31	7.16	13.03	2.20	0.02
SQU-US	2025-11-30 12:30:00	3.95	56.06	0.32	7.15	13.05	2.22	0.02
SQU-US	2025-11-30 12:45:00	3.99	56.34	0.31	7.17	13.05	2.25	0.02
SQU-US	2025-11-30 13:00:00	4.04	57.15	0.32	7.13	13.02	2.23	0.03
SQU-US	2025-11-30 13:15:00	4.09	57.82	0.32	7.13	13.00	2.37	0.03
SQU-US	2025-11-30 13:30:00	4.13	58.67	0.31	7.11	12.98	2.41	0.03
SQU-US	2025-11-30 13:45:00	4.19	60.70	0.31	7.12	12.94	2.47	0.03
SQU-US	2025-11-30 14:00:00	4.31	66.38	0.31	7.09	12.80	2.35	0.03
SQU-US	2025-11-30 14:15:00	4.32	67.02	0.30	7.07	12.77	2.16	0.03
SQU-US	2025-11-30 14:30:00	4.33	67.95	0.30	7.06	12.76	2.15	0.03
SQU-US	2025-11-30 14:45:00	4.31	67.93	0.30	7.03	12.73	2.57	0.03
SQU-US	2025-11-30 15:00:00	4.28	67.94	0.30	7.05	12.72	2.17	0.03
SQU-US	2025-11-30 15:15:00	4.21	66.42	0.30	7.07	12.74	2.40	0.03
SQU-US	2025-11-30 15:30:00	4.12	63.54	0.31	7.09	12.80	2.26	0.03
SQU-US	2025-11-30 15:45:00	4.08	63.07	0.31	7.09	12.78	2.48	0.03
SQU-US	2025-11-30 16:00:00	4.07	62.88	0.32	7.05	12.73	2.57	0.03
SQU-US	2025-11-30 16:15:00	4.04	62.78	0.32	6.95	12.63	3.33	0.03
SQU-US	2025-11-30 16:30:00	4.18	65.39	0.32	6.64	12.21	10.63	0.03
SQU-US	2025-11-30 16:45:00	3.93	0.09	0.31	7.14	13.45	1.41	0.00
SQU-US	2025-11-30 17:00:00	3.62	0.09	0.32	7.18	13.53	0.96	0.00
SQU-US	2025-11-30 17:15:00	3.25	0.09	0.33	7.17	13.67	0.93	0.00
SQU-US	2025-11-30 17:30:00	3.09	0.09	0.33	7.17	13.74	0.93	0.00
SQU-US	2025-11-30 17:45:00	2.85	0.10	0.34	7.16	13.84	0.87	0.00
SQU-US	2025-11-30 18:00:00	2.76	0.10	0.34	7.15	13.86	0.87	0.00
SQU-US	2025-11-30 18:15:00	2.61	0.10	0.34	7.14	13.93	0.84	0.00
SQU-US	2025-11-30 18:30:00	2.44	0.10	0.34	7.13	13.98	0.80	0.00
SQU-US	2025-11-30 18:45:00	2.34	0.10	0.35	7.11	14.00	0.83	0.00
SQU-US	2025-11-30 19:00:00	2.02	0.10	0.35	7.09	14.13	0.84	0.00
SQU-US	2025-11-30 19:15:00	1.80	0.10	0.35	7.08	14.20	0.84	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	2025-11-30 19:30:00	1.55	0.10	0.35	7.06	14.30	0.78	0.00
SQU-US	2025-11-30 19:45:00	1.43	0.10	0.36	7.04	14.36	0.77	0.00
SQU-US	2025-11-30 20:00:00	1.41	0.10	0.36	7.02	14.39	0.79	0.00
SQU-US	2025-11-30 20:15:00	1.48	0.10	0.36	7.01	14.37	0.78	0.00
SQU-US	2025-11-30 20:30:00	1.51	0.10	0.36	6.99	14.34	0.77	0.00
SQU-US	2025-11-30 20:45:00	1.46	0.10	0.36	6.97	14.34	0.80	0.00
SQU-US	2025-11-30 21:00:00		0.10			14.39		0.00
SQU-US	2025-11-30 21:15:00	1.40	0.10	0.36	6.93	14.39	0.76	0.00
SQU-US	2025-11-30 21:30:00	1.31	0.10	0.37	6.91	14.42	0.79	0.00
SQU-US	2025-11-30 21:45:00	1.33	0.10	0.37	6.89	14.41	0.73	0.00
SQU-US	2025-11-30 22:00:00	1.41	0.10	0.37	6.88	14.41	0.75	0.00
SQU-US	2025-11-30 22:15:00	1.53	0.10	0.37	6.86	14.34	0.79	0.00
SQU-US	2025-11-30 22:30:00	1.58	0.10	0.37	6.84	14.33	0.77	0.00
SQU-US	2025-11-30 22:45:00	1.51	0.10	0.37	6.83	14.35	0.76	0.00
SQU-US	2025-11-30 23:00:00	1.53	0.10	0.37	6.81	14.34	0.79	0.00
SQU-US	2025-11-30 23:15:00	1.62	0.10	0.37	6.80	14.30	0.78	0.00
SQU-US	2025-11-30 23:30:00	1.69	0.10	0.37	6.79	14.27	0.77	0.00
SQU-US	2025-11-30 23:45:00	1.71	0.10	0.37	6.77	14.27	0.78	0.00


125
100
75
50
25
0
Turbidity (NTU)
24-Nov
25-Nov
26-Nov
27-Nov
28-Nov
29-Nov
30-Nov
01-Dec
Guideline
BC FWAL - Acute
Monitoring location
SQU-DS
SQU-US

Water Quality Field Data Sheet

Project: FORTIS11234

Location Information

Site ID:	SQU DS	**Date:**	November 25, 2025
Site Name:	Squamish River	**Time:**	14:15
Site UTM: Zone:	E:	**Crew:**	JM
(NAD83)	N:	**Weather:**	Light Rain

In Situ Parameters

pH:	7.71		DO:	12.84 (mg/L)
Temp.:	5.8	(°C)	Cond:	133 (us)
Turbidity:	2.22	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 25, 2025
Site Name:	Squamish River	**Time:**	14:32
Site UTM: Zone:	E:	**Crew:**	JM
(NAD83)	N:	**Weather:**	Light Rain

In Situ Parameters

pH:	7.27		DO:	12.94	(mg/L)
Temp.:	5.6	(°C)	Cond:	57.3	(us)
Turbidity:	2.83	NTU			

Visible Sheen: N

Water Surface Condition: Clear

Photo Record

Photo

Observations

Water Quality Field Data Sheet

Project: FORTIS11234

Location Information

Site ID:	BCR EOP	**Date:**	November 25, 2025
Site Name:	BC Rail	**Time:**	13:35
Crew:	JM		
Weather:	Light Rain		

In Situ Parameters

pH:	7.04		DO:	10.6	(mg/L)
Temp.:	8.3	(°C)	Cond:	7737	(us)
Turbidity:	1.29	NTU	Salinity:	-	(ppt)
			ORP:	154.7	(mV)

Visible Sheen: NA

Water Surface Condition: Clear

Photo Record

Photo

Observations

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

Woodfibre Site Sample Analysis

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	**WLNG EOP 2025-11-25 11:14:00**
In situ Parameters								
Field pH	pH Units		6.5 - 9			7 - 8.7		**6.89**
Field Temperature	°C	18	19					9.8
General Parameters								
pH	pH Units							6.85
Alkalinity (Total as $CaCO_3$)	mg/L							53
Alkalinity (PP as $CaCO_3$)	mg/L							<1
Hardness ($CaCO_3$)-Total	mg/L							60.4
Hardness ($CaCO_3$)-Dissolved	mg/L							58.7
Sulphide-Total	mg/L							<0.0018
Sulphide (as H_2S)	mg/L			0.002				<0.002
Anions and Nutrients								
Ammonia (N)-Total	mg/L	1.84	21.8		29	191		<0.015
Bicarbonate (HCO_3)	mg/L							65
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	0.08	0.24					<0.005
Nitrate plus Nitrite (N)	mg/L							<0.02
Nitrogen (N)-Total	mg/L							0.073
Phosphorus (P)-Total (4500-P)	mg/L							0.0048
Bromide (Br)	mg/L							<0.01
Chloride (Cl)	mg/L	150	600					7.5
Fluoride (F)	mg/L		1.131			1.5		0.28
Sulphate (SO_4)-Dissolved	mg/L	218						11
Total Metals								
Aluminum (Al)-Total	mg/L	0.039409						**0.384**
Antimony (Sb)-Total	mg/L	0.074	0.25					0.000308
Arsenic (As)-Total	mg/L	0.005			0.0125			0.00128
Barium (Ba)-Total	mg/L			1				0.0069
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			0.011
Cadmium (Cd)-Total	mg/L						0.00012	0.0000102
Calcium (Ca)-Total	mg/L							22.6
Cesium (Cs)-Total	mg/L							0.000071
Chromium (Cr)-Total	mg/L							0.00017
Chromium (Cr III)-Total	mg/L			0.0089			0.056	<0.00099
Chromium (Cr VI)-Total	mg/L			0.0025			0.0015	<0.00099
Cobalt (Co)-Total	mg/L							0.000047
Copper (Cu)-Total	mg/L				0.002	0.003		0.00113
Iron (Fe)-Total	mg/L		1					0.211
Lead (Pb)-Total	mg/L				0.002	0.14		0.000151
Lithium (Li)-Total	mg/L							0.00292
Magnesium (Mg)-Total	mg/L							1

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 2025-11-25 11:14:00**
Total Metals (Cont'd.)								
Manganese (Mn)-Total	mg/L	0.871	1.206				0.1	0.0212
Mercury (Hg)-Total	mg/L	0.00002			0.00002			<0.0000019
Molybdenum (Mo)-Total	mg/L	7.6	46					0.0319
Nickel (Ni)-Total	mg/L						0.0083	0.0002
Phosphorus (P)-Total (ICPMS)	mg/L							0.0074
Potassium (K)-Total	mg/L							1.18
Rubidium (Rb)-Total	mg/L							0.00277
Selenium (Se)-Total	mg/L	0.002			0.002			<0.00004
Silicon (Si)-Total	mg/L							7.4
Silver (Ag)-Total	mg/L	0.00012			0.0005	0.0037	0.0005	<0.00001
Sodium (Na)-Total	mg/L							5.38
Strontium (Sr)-Total	mg/L							0.0473
Sulphur (S)-Total	mg/L							4.5
Tellurium (Te)-Total	mg/L							<0.00002
Thallium (Tl)-Total	mg/L			0.00003				0.0000119
Thorium (Th)-Total	mg/L							0.000071
Tin (Sn)-Total	mg/L							<0.0002
Titanium (Ti)-Total	mg/L							0.0075
Uranium (U)-Total	mg/L		0.0165	0.0075				0.00105
Vanadium (V)-Total	mg/L			0.06			0.005	0.00024
Zinc (Zn)-Total	mg/L				0.01	0.055		0.0037
Zirconium (Zr)-Total	mg/L							0.00011
Dissolved Metals								
Aluminum (Al)-Dissolved	mg/L							0.0378
Antimony (Sb)-Dissolved	mg/L							0.00023
Arsenic (As)-Dissolved	mg/L							0.00113
Barium (Ba)-Dissolved	mg/L							0.00468
Beryllium (Be)-Dissolved	mg/L							<0.00001
Bismuth (Bi)-Dissolved	mg/L							<0.000005
Boron (B)-Dissolved	mg/L							0.011
Cadmium (Cd)-Dissolved	mg/L	0.000146	0.00035					0.0000081
Calcium (Ca)-Dissolved	mg/L							21.9
Cesium (Cs)-Dissolved	mg/L							<0.00005
Chromium (Cr)-Dissolved	mg/L							<0.0001
Cobalt (Co)-Dissolved	mg/L	0.000414						0.0000217
Copper (Cu)-Dissolved	mg/L	0.0002	0.0002					**0.000509**
Iron (Fe)-Dissolved	mg/L		0.35					<0.001
Lead (Pb)-Dissolved	mg/L	0.001466						0.0000098
Lithium (Li)-Dissolved	mg/L							0.00286
Manganese (Mn)-Dissolved	mg/L							0.0169
Magnesium (Mg)-Dissolved	mg/L							0.938
Mercury (Hg)-Dissolved	mg/L							<0.0000019
Molybdenum (Mo)-Dissolved	mg/L							0.03
Nickel (Ni)-Dissolved	mg/L	0.0012	0.022					0.000142

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 2025-11-25 11:14:00**
Dissolved Metals (Cont'd.)								
Phosphorus (P)-Dissolved	mg/L							<0.002
Potassium (K)-Dissolved	mg/L							1.09
Rubidium (Rb)-Dissolved	mg/L							0.0024
Selenium (Se)-Dissolved	mg/L							<0.00004
Silicon (Si)-Dissolved	mg/L							6.7
Silver (Ag)-Dissolved	mg/L							<0.000005
Sodium (Na)-Dissolved	mg/L							5.16
Strontium (Sr)-Dissolved	mg/L			1.25				0.0444
Sulphur (S)-Dissolved	mg/L							<3
Tellurium (Te)-Dissolved	mg/L							<0.00002
Thallium (Tl)-Dissolved	mg/L							0.0000094
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							0.000708
Vanadium (V)-Dissolved	mg/L							<0.0002
Zinc (Zn)-Dissolved	mg/L	0.00751	0.02306					0.00359
Zirconium (Zr)-Dissolved	mg/L							<0.0001
Inorganics								
Organic Carbon (C)-Total	mg/L							0.69
Organic Carbon (C)-Dissolved	mg/L							0.63
Solids-Total Dissolved	mg/L							100
Solids-Total Suspended	mg/L	6	26					**14**
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

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 2025-11-25 11:14:00**
Organics (Cont'd.)								
Fluorene	mg/L	0.012			0.012			<0.00005
Indeno(1,2,3-cd)pyrene	mg/L							<0.00005
1-Methylnaphthalene	mg/L				0.001			<0.00005
2-Methylnaphthalene	mg/L				0.001			<0.0001
Naphthalene	mg/L	0.001	0.001		0.001			<0.0001
Phenanthrene	mg/L	0.0003						<0.00005
Pyrene	mg/L							<0.00002
Quinoline	mg/L							<0.00002
Low Molecular Weight PAH`s	mg/L							<0.0001
High Molecular Weight PAH`s	mg/L							<0.00005
Total PAH	mg/L							<0.0001
VH C6-C10	mg/L							<0.3
1,1,1,2-Tetrachloroethane	mg/L							<0.0005
1,1,1-Trichloroethane	mg/L							<0.0005
1,1,2,2-Tetrachloroethane	mg/L							<0.0005
1,1,2Trichloro-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				<0.001
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

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 2025-11-25 11:14:00**
Organics (Cont'd.)								
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				0.00056
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
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

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

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

[3] **Bold text** denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per [1] and [2] above. Given that application of chronic BC water quality guidelines for protection of aquatic life in the receiving environment downstream of the discharge does not represent a regulatory requirement and instead data are intended to be assessed relative to monthly average concentrations, exceedances of these guidelines are highlighted for information purposes, but detailed interpretation of guideline exceedances are not provided given that an interpretation of monthly trends and consideration of background influences and discharge chemistry is required.

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

Woodfibre Site WTP Discharge Field Notes and Logs

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**November 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 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 822,553 m³.

Daily Volume Summary:

Table 1: Discharge Volumes Daily Summary

Date	Location	Volume (m3)	Comments
November 24	Woodfibre (WF)	3,045	Exceeded discharge volume limit
November 25	WF	2,993	Exceeded discharge volume limit
November 26	WF	2,930	Exceeded discharge volume limit
November 27	WF	2,976	Exceeded discharge volume limit
November 28	WF	2,792	Exceeded discharge volume limit
November 29	WF	2,775	Exceeded discharge volume limit
November 30	WF	2,807	Exceeded discharge volume limit
	Total	20,318	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)
11/24/2025	0:00:00	7.2	3.179	3.8	822,553	13.4	258
11/24/2025	0:15:00	7.2	3.134	9.5	822,601	13.3	258
11/24/2025	0:30:00	7.2	3.217	6.5	822,640	13.5	258
11/24/2025	0:45:00	7.2	3.047	1.2	822,687	13.4	258
11/24/2025	1:00:00	7.2	2.979	4.6	822,732	13.5	256
11/24/2025	1:15:00	7.2	3.160	6.3	822,749	14	258
11/24/2025	1:30:00	7.2	2.362	6.8	822,790	13.7	258
11/24/2025	1:45:00	7.2	3.058	1	822,831	13.6	258
11/24/2025	2:00:00	7.2	3.039	1.4	822,855	13.7	256
11/24/2025	2:15:00	7.2	2.403	9.6	822,898	13.4	256
11/24/2025	2:30:00	7.2	2.002	9.1	822,933	12.9	258
11/24/2025	2:45:00	7.2	2.634	5.4	822,977	13	258
11/24/2025	3:00:00	7.2	0.431	7.6	823,006	13.4	256
11/24/2025	3:15:00	7.3	3.380	0	823,033	12.8	114
11/24/2025	3:30:00	7.3	1.628	6.4	823,079	12.3	256
11/24/2025	3:45:00	7.2	3.422	17.7	823,122	13.9	258
11/24/2025	4:00:00	7.2	3.285	9.1	823,164	15.3	258
11/24/2025	4:15:00	7.2	0.420	2.6	823,195	16.6	259
11/24/2025	4:30:00	7.2	3.399	4.5	823,223	12.7	255
11/24/2025	4:45:00	7.2	3.425	4.6	823,269	12.5	256
11/24/2025	5:00:00	7.2	2.453	6.9	823,316	12.5	256
11/24/2025	5:15:00	7.2	3.259	4.7	823,337	12.7	255

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
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Data Date Range	**November 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/24/2025	5:30:00	7.2	3.350	13.2	823,386	12.6	256
11/24/2025	5:45:00	7.2	0.424	5.7	823,413	12.9	256
11/24/2025	6:00:00	7.2	3.422	2.4	823,441	12.7	258
11/24/2025	6:15:00	7.2	2.835	2.8	823,488	12.8	256
11/24/2025	6:30:00	7.2	3.407	6	823,538	12.7	255
11/24/2025	6:45:00	7.2	3.323	5.3	823,582	12.8	258
11/24/2025	7:00:00	7.2	3.395	9.9	823,633	12.7	255
11/24/2025	7:15:00	7.2	1.438	14.3	823,682	12.8	258
11/24/2025	7:45:00	7.2	2.070	3.9	823,719	12.8	256
11/24/2025	8:15:00	7.2	2.608	2.2	823,763	12.4	256
11/24/2025	8:30:00	7.2	3.592	4.4	823,810	12.3	256
11/24/2025	9:00:00	7.2	3.323	4.2	823,900	12.1	256
11/24/2025	9:30:00	7.2	2.517	6.9	823,960	12.3	257
11/24/2025	10:00:00	7.3	3.301	11	823,990	12.7	259
11/24/2025	10:15:00	7.2	3.289	6.2	824,041	12.5	257
11/24/2025	10:30:00	7.2	3.225	9.4	824,091	12.3	258
11/24/2025	10:45:00	7.2	3.331	4	824,139	12.3	257
11/24/2025	11:15:00	7.2	2.911	8.2	824,205	11.8	256
11/24/2025	11:30:00	7.2	2.226	17.5	824,243	11.9	256
11/24/2025	11:45:00	7.2	3.070	12	824,289	11.6	257
11/24/2025	12:00:00	7.2	2.930	7.9	824,323	11.6	256
11/24/2025	12:15:00	7.2	3.002	12.7	824,366	11.5	258
11/24/2025	12:30:00	7.2	2.248	20	824,400	11.7	258
11/24/2025	12:45:00	7.2	3.092	11.6	824,446	11.5	258
11/24/2025	13:30:00	7.2	2.010	10.5	824,504	12	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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/24/2025	13:45:00	7.2	3.289	8.6	824,545	12	255
11/24/2025	14:00:00	7.2	3.198	9	824,593	12.1	257
11/24/2025	14:15:00	7.2	3.070	5.3	824,620	12.3	256
11/24/2025	14:30:00	7.2	3.032	21.9	824,660	12	257
11/24/2025	14:45:00	7.2	3.077	13	824,703	11.9	256
11/24/2025	15:00:00	7.2	2.313	19.4	824,735	12.2	257
11/24/2025	15:15:00	7.2	3.149	21.6	824,782	12	259
11/24/2025	15:30:00	7.3	0.269	23.5	824,814	12.3	258
11/24/2025	16:00:00	7.3	3.024	14	824,857	12.1	256
11/24/2025	16:15:00	7.2	2.555	6.5	824,900	12	259
11/24/2025	16:30:00	7.3	3.089	9.1	824,945	12	256
11/24/2025	16:45:00	7.3	2.880	9.9	824,990	12.2	257
11/24/2025	17:00:00	7.3	0.341	20.5	825,024	12.8	259
11/24/2025	17:15:00	7.3	3.410	12.8	825,064	12.7	257
11/24/2025	17:30:00	7.3	3.183	14.6	825,113	12.5	259
11/24/2025	17:45:00	7.3	1.302	12.2	825,139	12.6	261
11/24/2025	18:00:00	7.3	3.123	16.2	825,158	13	259
11/24/2025	18:15:00	7.3	3.221	14.8	825,187	13.2	259
11/24/2025	18:30:00	7.3	3.297	23.2	825,236	13.1	257
11/24/2025	18:45:00	7.3	0.307	25.6	825,260	12.7	253
11/24/2025	19:00:00	7.3	3.293	27.2	825,289	12.9	254
11/24/2025	19:15:00	7.3	3.232	21.4	825,338	13.9	259
11/24/2025	19:30:00	7.3	3.183	0	825,386	14.9	256
11/24/2025	19:45:00	7.2	3.142	1.9	825,433	12.5	254
11/24/2025	20:00:00	7.2	3.096	3.7	825,480	12.6	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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/24/2025	20:15:00	7.2	3.062	1.6	825,526	12.8	254
11/24/2025	20:30:00	7.2	3.032	3.7	825,572	13	254
11/24/2025	20:45:00	7.2	2.994	3.8	825,617	13.2	254
11/24/2025	21:00:00	7.2	3.312	9.5	825,655	13	252
11/24/2025	21:15:00	7.2	3.240	21.7	825,704	13.1	254
11/24/2025	21:30:00	7.2	3.176	49.2	825,722	13.6	252
11/24/2025	21:45:00	7.3	1.559	15.4	825,740	13.8	254
11/24/2025	22:00:00	7.3	2.956	3.1	825,776	12.8	252
11/24/2025	22:15:00	7.3	3.278	5.9	825,823	12.4	252
11/24/2025	22:30:00	7.3	3.183	16.2	825,870	12.3	252
11/24/2025	22:45:00	7.3	3.149	25.5	825,917	12.4	254
11/24/2025	23:00:00	7.3	0.382	4.9	825,942	13.2	254
11/24/2025	23:15:00	7.3	0.322	2.9	825,966	13.1	254
11/24/2025	23:30:00	7.3	3.142	3.6	825,997	12.9	254
11/24/2025	23:45:00	7.2	2.403	1.4	826,028	13	254
11/25/2025	0:00:00	7.2	3.251	6.8	826,085	12.7	252
11/25/2025	0:45:00	7.2	2.104	42.6	826,167	12.2	254
11/25/2025	1:00:00	7.2	3.225	15	826,214	12	254
11/25/2025	1:15:00	7.3	0.238	18.1	826,256	12.2	256
11/25/2025	1:30:00	7.3	3.145	15.3	826,272	12.7	254
11/25/2025	1:45:00	7.3	2.335	16	826,313	12.9	256
11/25/2025	2:00:00	7.3	3.198	7	826,357	12.9	256
11/25/2025	2:15:00	7.3	3.153	8.5	826,404	13.1	256
11/25/2025	2:30:00	7.3	0.310	5.4	826,439	13.6	256
11/25/2025	2:45:00	7.2	2.309	4.7	826,471	13.3	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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/25/2025	3:00:00	7.2	0.363	2.9	826,500	13.8	257
11/25/2025	3:15:00	7.2	3.145	4.3	826,540	13.3	256
11/25/2025	3:30:00	7.2	3.225	5.7	826,588	13.4	256
11/25/2025	3:45:00	7.2	3.266	4.4	826,634	13.4	256
11/25/2025	4:00:00	7.2	3.266	3.5	826,656	13.5	254
11/25/2025	4:15:00	7.2	3.217	4.5	826,705	13.4	255
11/25/2025	4:30:00	7.2	0.284	4.1	826,734	14.2	117
11/25/2025	4:45:00	7.2	1.843	14.5	826,755	13.4	251
11/25/2025	5:00:00	7.2	3.395	8.3	826,778	13.1	253
11/25/2025	5:15:00	7.2	3.138	7	826,824	13.2	254
11/25/2025	5:30:00	7.2	2.604	2.6	826,871	13.3	256
11/25/2025	5:45:00	7.2	2.562	3.9	826,920	13.3	256
11/25/2025	6:00:00	7.2	0.640	5.7	826,963	13.3	256
11/25/2025	6:15:00	7.2	3.319	7.9	826,982	13.6	255
11/25/2025	6:30:00	7.2	3.365	3.6	827,029	13.4	256
11/25/2025	6:45:00	7.2	0.382	3.7	827,074	13.6	256
11/25/2025	7:00:00	7.2	3.240	6.7	827,094	13.6	253
11/25/2025	7:15:00	7.2	3.183	6.9	827,142	13.4	255
11/25/2025	7:30:00	7.2	3.251	2.5	827,187	13.3	252
11/25/2025	7:45:00	7.2	0.000	12.2	827,225	13.5	112
11/25/2025	8:00:00	7.2	0.678	10.8	827,252	13.2	254
11/25/2025	8:15:00	7.2	3.448	11.3	827,289	12.7	252
11/25/2025	8:30:00	7.2	3.123	7.7	827,337	12.5	251
11/25/2025	8:45:00	7.2	2.525	5.2	827,349	12.6	253
11/25/2025	9:00:00	7.2	2.790	15.5	827,375	12.3	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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/25/2025	9:15:00	7.2	3.456	6.8	827,407	12.6	256
11/25/2025	9:30:00	7.2	3.081	7.1	827,452	12.3	255
11/25/2025	9:45:00	7.2	1.995	4.7	827,487	12.3	255
11/25/2025	10:15:00	10.6	3.168	0	827,546	13.9	110
11/25/2025	10:45:00	9.9	3.248	1.9	827,601	16.9	112
11/25/2025	11:00:00	6.9	2.320	14.1	827,648	19.6	112
11/25/2025	11:30:00	7	3.429	2.8	827,694	12.6	256
11/25/2025	11:45:00	7	2.827	14.7	827,718	12.8	254
11/25/2025	12:00:00	7	2.445	3.4	827,759	12.7	257
11/25/2025	12:30:00	7.1	3.301	6.1	827,804	12.6	259
11/25/2025	13:00:00	7.1	3.391	6.6	827,879	12.5	258
11/25/2025	13:30:00	7.1	3.251	16.2	827,945	12.1	258
11/25/2025	13:45:00	7.1	0.420	33.6	827,983	12.1	259
11/25/2025	14:00:00	7.1	0.537	33.6	828,000	12.1	259
11/25/2025	14:15:00	7.1	3.308	7.7	828,040	11.9	256
11/25/2025	14:30:00	7.1	3.263	12.6	828,089	11.8	255
11/25/2025	14:45:00	7.1	2.449	9	828,135	12	259
11/25/2025	15:00:00	7.2	3.331	17.1	828,162	12.9	254
11/25/2025	15:15:00	7.1	3.297	13.2	828,199	12.4	256
11/25/2025	15:30:00	7.1	3.232	13	828,247	12.7	257
11/25/2025	15:45:00	7.2	2.381	19.3	828,274	15	256
11/25/2025	16:00:00	7.1	2.275	12.9	828,310	12.7	256
11/25/2025	16:30:00	7.2	3.304	14.2	828,367	13.1	256
11/25/2025	16:45:00	7.2	2.456	13.3	828,405	13	256
11/25/2025	17:00:00	7.2	2.332	13.1	828,450	12.9	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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/25/2025	17:15:00	7.2	3.270	6.6	828,484	12.9	257
11/25/2025	17:30:00	7.2	3.221	6.1	828,534	12.7	256
11/25/2025	17:45:00	7.2	3.376	9.6	828,575	12.9	256
11/25/2025	18:00:00	7.2	2.676	3.7	828,618	12.8	256
11/25/2025	18:30:00	7.2	3.244	7.3	828,675	12.9	256
11/25/2025	18:45:00	7.2	3.448	3.8	828,703	12.7	257
11/25/2025	19:00:00	7.2	3.357	4.1	828,754	12.5	257
11/25/2025	19:15:00	7.1	3.422	6.5	828,797	12.3	257
11/25/2025	19:30:00	7.1	2.441	4.3	828,848	12.3	257
11/25/2025	19:45:00	7.1	3.263	3.4	828,890	12.3	258
11/25/2025	20:00:00	-0.4	3.187	9.4	828,938	12.3	257
11/25/2025	20:15:00	7.2	3.032	5.1	828,964	13.8	112
11/25/2025	20:30:00	7.1	2.419	11.3	829,011	12.7	256
11/25/2025	20:45:00	7.1	3.399	10.6	829,056	12.4	256
11/25/2025	21:00:00	7.1	3.384	8.4	829,107	12.5	256
11/25/2025	21:15:00	7.1	2.676	26.2	829,153	12.8	256
11/25/2025	21:30:00	7.1	2.044	15.2	829,193	13.1	257
11/25/2025	21:45:00	7.1	3.380	1	829,241	12.7	258
11/25/2025	22:00:00	7.2	3.437	15	829,292	12.8	254
11/25/2025	22:15:00	7.2	1.998	12	829,339	13.1	256
11/25/2025	22:30:00	7.2	3.414	13.3	829,375	12.7	254
11/25/2025	22:45:00	7.2	3.414	14.4	829,406	12.9	252
11/25/2025	23:00:00	7.2	3.365	7	829,457	12.6	256
11/25/2025	23:15:00	7.2	3.331	8	829,507	12.8	256
11/25/2025	23:45:00	7.2	3.331	15.2	829,568	12.8	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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/26/2025	0:00:00	7.2	3.327	8.3	829,618	12.8	252
11/26/2025	0:15:00	7.2	2.460	10.7	829,667	12.7	254
11/26/2025	0:45:00	7.2	3.357	10.8	829,735	12.9	256
11/26/2025	1:00:00	7.3	3.274	15.8	829,785	13	256
11/26/2025	1:15:00	7.3	2.487	14.7	829,803	13.4	254
11/26/2025	1:45:00	7.2	3.338	11.6	829,866	13.2	255
11/26/2025	2:00:00	7.3	3.335	14.5	829,889	13.9	256
11/26/2025	2:15:00	7.2	2.468	13.6	829,931	13.2	256
11/26/2025	2:45:00	7.2	3.384	10.9	829,997	13	256
11/26/2025	3:00:00	7.2	3.327	12.2	830,047	12.6	256
11/26/2025	3:30:00	7.2	2.578	13.4	830,117	13	254
11/26/2025	3:45:00	7.2	3.342	13.7	830,164	12.9	254
11/26/2025	4:00:00	7.3	3.278	18.1	830,214	13.1	254
11/26/2025	4:30:00	7.3	2.453	19.9	830,277	13.6	256
11/26/2025	4:45:00	7.3	0.439	7	830,301	15	114
11/26/2025	5:00:00	7.2	2.438	15	830,340	13.3	253
11/26/2025	5:15:00	7.3	0.443	6.7	830,350	17.1	114
11/26/2025	5:30:00	7.3	3.301	7.5	830,393	13.3	253
11/26/2025	5:45:00	7.3	3.425	5.9	830,436	13.2	255
11/26/2025	6:00:00	7.2	2.536	8	830,484	13.3	255
11/26/2025	6:15:00	7.3	3.297	12.3	830,531	13.2	255
11/26/2025	6:45:00	7.2	3.308	9.1	830,590	13.4	256
11/26/2025	7:00:00	7.2	2.460	3.2	830,605	13.9	256
11/26/2025	7:30:00	7.2	3.206	3.5	830,666	13	253
11/26/2025	7:45:00	7.2	2.506	4.7	830,710	12.8	252

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/26/2025	8:00:00	7.2	3.403	6.1	830,737	12.6	252
11/26/2025	8:15:00	7.3	3.304	7.6	830,788	12.3	251
11/26/2025	8:45:00	7.2	2.123	4.1	830,848	12.3	255
11/26/2025	9:00:00	7.2	3.229	4.7	830,881	12.2	254
11/26/2025	9:30:00	7.2	3.198	3.2	830,965	12.3	255
11/26/2025	9:45:00	7.2	2.297	74.4	831,009	12.2	252
11/26/2025	10:00:00	7.2	3.168	5	831,051	12	256
11/26/2025	10:15:00	7.2	2.990	4.8	831,096	11.9	256
11/26/2025	10:45:00	7.3	3.232	5.9	831,152	11.7	258
11/26/2025	11:00:00	7.3	3.357	9.3	831,195	11.8	258
11/26/2025	11:15:00	7.3	2.434	9.3	831,243	11.8	258
11/26/2025	11:30:00	7.3	3.263	5.1	831,286	12	257
11/26/2025	11:45:00	7.3	3.172	8	831,334	12.2	254
11/26/2025	12:00:00	7.3	3.304	12.7	831,376	12.4	255
11/26/2025	12:15:00	7.3	2.706	5.4	831,422	12.6	256
11/26/2025	12:30:00	7.3	3.429	13.1	831,442	12.9	256
11/26/2025	12:45:00	7.3	3.259	10	831,490	12.6	255
11/26/2025	13:00:00	7.3	1.998	18.7	831,532	13	255
11/26/2025	13:15:00	7.3	2.381	3.9	831,572	12.8	256
11/26/2025	13:30:00	7.3	3.221	3.7	831,618	12.5	258
11/26/2025	13:45:00	7.3	2.933	10.4	831,646	12.7	258
11/26/2025	14:00:00	7.3	3.221	11.2	831,684	13	256
11/26/2025	14:15:00	7.3	3.157	7.8	831,726	13	256
11/26/2025	14:30:00	7.3	3.058	6.4	831,773	12.9	256
11/26/2025	15:00:00	7.4	3.308	5.4	831,853	13.3	254

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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/26/2025	15:30:00	7.4	3.244	5	831,936	13.8	256
11/26/2025	16:30:00	7.4	2.983	33.4	832,036	13.3	256
11/26/2025	16:45:00	7.4	2.930	22.4	832,060	13.7	110
11/26/2025	17:00:00	7.4	3.142	15.8	832,092	13.3	255
11/26/2025	17:15:00	7.4	3.467	9.3	832,129	13.1	253
11/26/2025	17:30:00	7.4	3.191	11.8	832,180	13.7	258
11/26/2025	17:45:00	7.3	2.695	5.2	832,221	12.8	255
11/26/2025	18:00:00	7.3	1.075	4.4	832,259	12.9	256
11/26/2025	18:15:00	7.3	3.369	16.1	832,291	12.6	255
11/26/2025	18:30:00	7.3	3.266	9.7	832,330	13.3	255
11/26/2025	18:45:00	7.3	3.354	12.6	832,380	12.9	253
11/26/2025	19:00:00	7.3	1.067	12.6	832,420	13.1	110
11/26/2025	19:15:00	7.3	3.509	15.2	832,461	12.7	255
11/26/2025	19:30:00	7.3	3.369	32.4	832,513	12.9	255
11/26/2025	19:45:00	7.3	3.183	14.3	832,560	12.6	255
11/26/2025	20:00:00	7.3	2.010	7.1	832,595	12.6	255
11/26/2025	20:30:00	7.3	3.422	9.5	832,659	12.7	254
11/26/2025	20:45:00	7.3	3.297	9.8	832,709	12.6	253
11/26/2025	21:00:00	7.3	3.308	11	832,751	12.9	254
11/26/2025	21:15:00	7.3	1.813	10.7	832,790	13.5	251
11/26/2025	21:30:00	7.3	3.319	9.6	832,814	15	254
11/26/2025	21:45:00	7.3	3.263	4.2	832,864	16.2	254
11/26/2025	22:15:00	7.3	2.509	17.8	832,923	13.8	252
11/26/2025	22:30:00	7.3	3.354	5.3	832,971	13.4	252
11/26/2025	22:45:00	7.3	2.498	9.7	833,018	13.7	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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/26/2025	23:00:00	7.3	3.255	14.3	833,046	14.5	251
11/26/2025	23:15:00	7.3	2.532	10.3	833,094	13.5	254
11/26/2025	23:30:00	7.3	3.346	8.6	833,140	13.6	252
11/26/2025	23:45:00	7.3	2.536	12.3	833,161	14.6	254
11/27/2025	0:00:00	7.3	3.444	7.8	833,198	14.3	254
11/27/2025	0:30:00	7.3	3.346	10.2	833,280	13.9	252
11/27/2025	0:45:00	7.3	3.388	7	833,313	14.5	252
11/27/2025	1:00:00	7.3	3.338	6	833,349	14.1	253
11/27/2025	1:30:00	7.3	3.304	7.1	833,419	14.3	253
11/27/2025	1:45:00	7.3	0.413	2	833,448	15.4	114
11/27/2025	2:00:00	7.3	3.444	6.8	833,489	14	251
11/27/2025	2:15:00	7.3	3.312	11.4	833,540	13.9	252
11/27/2025	2:45:00	7.3	3.361	11.7	833,601	14.4	253
11/27/2025	3:00:00	7.3	3.319	11.5	833,652	13.8	256
11/27/2025	3:15:00	7.3	0.344	9.4	833,687	14.4	112
11/27/2025	3:30:00	7.3	1.548	16.5	833,717	13.8	252
11/27/2025	3:45:00	7.3	3.369	16.4	833,732	14.5	254
11/27/2025	4:00:00	7.3	3.422	10	833,783	13.4	252
11/27/2025	4:15:00	7.3	3.274	11.3	833,833	13.4	251
11/27/2025	4:30:00	7.3	1.976	11.2	833,879	13.5	253
11/27/2025	4:45:00	7.3	0.409	12.4	833,894	15.8	114
11/27/2025	5:00:00	7.3	3.437	11	833,935	15	254
11/27/2025	5:15:00	7.3	3.282	19	833,985	13.3	112
11/27/2025	5:30:00	7.3	3.244	7.9	834,034	13	252
11/27/2025	5:45:00	7.3	3.248	8.2	834,063	12.9	254

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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/27/2025	6:00:00	7.3	1.851	18.9	834,099	13.3	253
11/27/2025	6:15:00	7.3	0.435	10.8	834,133	12.6	252
11/27/2025	6:30:00	7.3	3.289	15.1	834,178	12.5	252
11/27/2025	6:45:00	7.3	3.229	15.6	834,227	12.4	252
11/27/2025	7:15:00	7.3	3.327	12.6	834,290	12.5	253
11/27/2025	7:30:00	7.3	2.949	12.4	834,303	13.7	255
11/27/2025	7:45:00	7.3	2.930	11.3	834,305	13.9	251
11/27/2025	8:00:00	7.2	2.263	10.7	834,341	13.8	251
11/27/2025	8:15:00	7.2	3.225	7.2	834,380	12.6	251
11/27/2025	8:30:00	7.2	3.213	5.3	834,429	12.4	251
11/27/2025	8:45:00	7.2	3.335	5.2	834,470	12.3	253
11/27/2025	9:00:00	7.3	2.793	6	834,517	12.4	253
11/27/2025	9:15:00	7.3	2.911	8.2	834,558	12.5	254
11/27/2025	9:30:00	7.3	1.779	17.8	834,592	12.7	253
11/27/2025	9:45:00	7.3	2.869	10.1	834,622	12.6	253
11/27/2025	10:00:00	7.3	2.566	15.7	834,650	12.6	253
11/27/2025	10:15:00	7.3	3.327	0.3	834,682	12.8	254
11/27/2025	10:30:00	7.3	2.752	19.6	834,721	12.6	256
11/27/2025	10:45:00	7.3	1.204	13.4	834,770	12.1	255
11/27/2025	11:00:00	7.3	3.168	11.4	834,815	12.1	255
11/27/2025	11:15:00	7.3	3.111	13.1	834,862	12.4	255
11/27/2025	11:30:00	7.3	0.609	25.7	834,891	12.6	253
11/27/2025	11:45:00	7.3	3.051	5.6	834,918	12.4	251
11/27/2025	12:00:00	7.3	2.998	6.4	834,964	12.5	252
11/27/2025	12:15:00	7.3	3.206	11.9	835,009	12.6	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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/27/2025	12:30:00	7.3	2.933	12.4	835,044	13.1	251
11/27/2025	12:45:00	7.3	3.134	19.6	835,090	13.1	251
11/27/2025	13:15:00	7.3	3.039	19.2	835,174	13.1	253
11/27/2025	13:30:00	7.3	2.759	28.5	835,185	13.6	253
11/27/2025	13:45:00	7.3	2.831	19.4	835,225	12.8	252
11/27/2025	14:00:00	7.3	2.903	11.3	835,261	14	258
11/27/2025	14:15:00	7.3	3.365	10	835,306	14.4	256
11/27/2025	14:30:00	7.3	0.916	20.2	835,347	13.9	255
11/27/2025	14:45:00	7.3	3.036	9.8	835,382	12.5	255
11/27/2025	15:00:00	7.3	2.949	10.5	835,427	12.7	254
11/27/2025	15:15:00	7.3	3.126	11.6	835,466	13	254
11/27/2025	15:30:00	7.3	2.975	11.6	835,505	13.4	256
11/27/2025	15:45:00	7.3	3.100	7.3	835,551	12.9	254
11/27/2025	16:00:00	7.3	2.434	30.9	835,589	13.4	254
11/27/2025	16:15:00	7.2	2.854	9.1	835,622	13	257
11/27/2025	16:30:00	7.2	2.737	2.8	835,658	13.1	256
11/27/2025	16:45:00	7.2	2.737	2.2	835,695	12.6	256
11/27/2025	17:15:00	7.3	3.263	8.3	835,755	12.3	256
11/27/2025	17:30:00	7.3	3.312	6.8	835,797	12.5	257
11/27/2025	17:45:00	7.3	3.119	5.3	835,845	12.4	256
11/27/2025	18:00:00	7.3	3.077	6.1	835,892	12.4	255
11/27/2025	18:15:00	7.3	3.111	9.8	835,934	12.6	254
11/27/2025	18:45:00	7.3	3.259	10.7	836,000	12.5	252
11/27/2025	19:00:00	7.3	3.145	7.8	836,048	12.5	254
11/27/2025	19:15:00	7.3	3.149	7.5	836,088	12.4	252

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/27/2025	19:30:00	7.3	3.422	19.2	836,130	12.2	255
11/27/2025	19:45:00	7.3	3.391	11.5	836,181	12	255
11/27/2025	20:00:00	7.3	0.405	6.7	836,227	12.2	254
11/27/2025	20:15:00	7.3	3.285	4.3	836,254	12	254
11/27/2025	20:45:00	7.3	3.372	5.7	836,328	12.5	252
11/27/2025	21:00:00	7.3	3.240	6.2	836,378	12.7	252
11/27/2025	21:15:00	7.3	3.217	7.8	836,416	12.9	251
11/27/2025	21:30:00	7.3	3.331	9.4	836,437	13	251
11/27/2025	22:00:00	7.3	3.274	6.4	836,512	13.3	251
11/27/2025	22:30:00	7.3	3.475	7.7	836,576	13.5	249
11/27/2025	22:45:00	7.3	3.429	4.4	836,628	13.2	251
11/27/2025	23:00:00	7.3	3.244	8.9	836,677	13.3	253
11/27/2025	23:15:00	7.3	0.307	5.3	836,714	13.5	253
11/27/2025	23:30:00	7.3	3.297	8	836,741	13.6	250
11/27/2025	23:45:00	7.3	3.357	7.7	836,791	13.4	250
11/28/2025	0:00:00	7.3	3.221	10.1	836,841	13.5	250
11/28/2025	0:15:00	7.4	0.405	11.8	836,868	14	250
11/28/2025	0:30:00	7.3	3.811	19	836,906	13.7	248
11/28/2025	1:00:00	7.3	3.255	15.8	836,980	13.5	248
11/28/2025	1:15:00	7.3	3.391	6.4	837,022	13.4	248
11/28/2025	1:30:00	7.3	3.354	9.1	837,064	13.5	249
11/28/2025	1:45:00	7.3	3.244	11.1	837,113	13.3	249
11/28/2025	2:00:00	7.3	2.498	12.7	837,154	13.3	251
11/28/2025	2:15:00	7.3	3.285	10.7	837,165	13.4	248
11/28/2025	2:30:00	7.4	3.308	13.7	837,208	13.5	250

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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/28/2025	2:45:00	7.4	3.354	11.1	837,259	13.4	250
11/28/2025	3:00:00	7.4	2.748	15.7	837,303	13.6	250
11/28/2025	3:15:00	7.4	3.274	11.1	837,323	13.7	248
11/28/2025	3:30:00	7.4	0.636	13.7	837,363	13.4	246
11/28/2025	3:45:00	7.4	3.270	12.1	837,394	13.2	115
11/28/2025	4:15:00	7.4	3.403	3.9	837,453	13.1	248
11/28/2025	4:30:00	7.4	3.316	6.4	837,494	13	117
11/28/2025	4:45:00	7.4	3.372	6.2	837,543	13.1	117
11/28/2025	5:00:00	7.4	2.668	5.7	837,589	13.3	251
11/28/2025	5:15:00	7.4	0.394	4.2	837,619	13.7	250
11/28/2025	5:30:00	7.4	0.356	8.1	837,651	13.5	249
11/28/2025	5:45:00	7.4	3.240	12.5	837,685	13.2	118
11/28/2025	6:15:00	7.4	3.365	9.6	837,759	13.3	117
11/28/2025	6:30:00	7.4	3.293	12.2	837,803	13.2	253
11/28/2025	6:45:00	7.4	0.288	12.6	837,845	13.3	115
11/28/2025	7:00:00	7.4	2.354	22.1	837,873	12.8	248
11/28/2025	7:30:00	7.4	0.363	9.4	837,925	13.4	112
11/28/2025	7:45:00	7.4	2.029	9.4	837,942	12.6	110
11/28/2025	8:00:00	7.3	2.608	7.3	837,978	12.3	248
11/28/2025	8:15:00	7.3	3.005	9.8	838,022	12	110
11/28/2025	8:30:00	7.3	2.952	5.3	838,065	13.6	249
11/28/2025	8:45:00	7.3	2.316	4.2	838,101	13.9	252
11/28/2025	9:00:00	7.3	3.043	3.6	838,141	13.5	251
11/28/2025	9:15:00	7.3	2.967	6.5	838,186	12.7	251
11/28/2025	9:30:00	7.3	2.975	8.6	838,230	12.9	252

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/28/2025	10:00:00	7.3	3.206	12.3	838,289	12.5	252
11/28/2025	10:15:00	7.4	3.092	11.3	838,337	12.5	252
11/28/2025	10:30:00	7.4	3.047	11	838,383	13.4	251
11/28/2025	10:45:00	7.4	1.881	10.9	838,412	12.6	251
11/28/2025	11:00:00	7.4	3.297	18.2	838,440	12.4	251
11/28/2025	11:15:00	7.4	2.892	11.1	838,475	13	252
11/28/2025	11:30:00	7.4	3.179	13.2	838,520	12.7	251
11/28/2025	11:45:00	7.4	2.343	29.7	838,558	13.2	251
11/28/2025	12:00:00	7.4	3.134	1.7	838,598	12.7	251
11/28/2025	12:15:00	7.4	3.115	16.3	838,645	12.5	251
11/28/2025	12:30:00	7.4	3.066	16.4	838,691	13.2	252
11/28/2025	12:45:00	7.4	2.245	19.3	838,727	14	251
11/28/2025	13:00:00	7.4	3.266	11.8	838,768	12.9	251
11/28/2025	13:15:00	7.4	3.134	12.7	838,816	12.8	252
11/28/2025	13:45:00	7.4	1.983	9.2	838,868	14.1	253
11/28/2025	14:00:00	7.4	2.926	12.5	838,894	12.5	252
11/28/2025	14:15:00	7.4	3.630	22	838,939	12.4	252
11/28/2025	14:45:00	7.4	2.483	10.6	839,016	14	254
11/28/2025	15:00:00	7.3	2.661	6.5	839,047	12.7	254
11/28/2025	15:15:00	7.4	3.024	13.4	839,092	12.3	251
11/28/2025	15:45:00	7.4	2.233	10	839,142	12.1	254
11/28/2025	16:00:00	7.3	2.877	6.7	839,183	11.9	255
11/28/2025	16:15:00	7.3	2.922	12.5	839,227	11.9	256
11/28/2025	16:30:00	7.3	2.854	9.9	839,271	11.9	256
11/28/2025	17:00:00	7.3	2.827	7.5	839,319	12.4	256

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/28/2025	17:30:00	7.3	3.130	17.9	839,388	12.3	256
11/28/2025	17:45:00	7.3	2.332	15.6	839,413	12.5	256
11/28/2025	18:00:00	7.3	3.134	15.6	839,453	12.9	256
11/28/2025	18:15:00	7.3	3.100	9.6	839,491	13.3	252
11/28/2025	18:30:00	7.3	3.062	10.4	839,537	12.4	256
11/28/2025	18:45:00	7.3	2.241	2.4	839,566	12.8	256
11/28/2025	19:00:00	7.3	3.100	11.9	839,605	12.3	254
11/28/2025	19:15:00	7.3	3.051	13.4	839,652	12.1	257
11/28/2025	19:30:00	7.3	3.240	17.8	839,699	12	256
11/28/2025	19:45:00	7.3	0.363	17.8	839,730	12.1	254
11/28/2025	20:00:00	7.3	3.202	13	839,768	12	256
11/28/2025	20:15:00	7.3	3.259	12.7	839,817	12	256
11/28/2025	20:30:00	7.3	3.176	22.7	839,863	12	256
11/28/2025	20:45:00	7.3	2.214	11.4	839,899	12	255
11/28/2025	21:00:00	7.3	3.043	14.5	839,923	12	255
11/28/2025	21:15:00	7.3	3.119	12.6	839,970	12.1	255
11/28/2025	21:30:00	7.3	3.160	10.1	840,018	12.1	255
11/28/2025	22:00:00	7.3	1.991	18.5	840,078	12.2	255
11/28/2025	22:15:00	7.3	0.326	10.6	840,104	12.3	253
11/28/2025	22:30:00	7.3	3.376	16.2	840,142	12	253
11/28/2025	22:45:00	7.3	3.217	14.8	840,182	11.9	253
11/28/2025	23:00:00	7.3	2.036	19.5	840,222	11.8	253
11/28/2025	23:15:00	7.3	3.410	21.5	840,266	11.8	257
11/28/2025	23:30:00	7.3	3.259	20	840,316	11.8	257
11/28/2025	23:45:00	7.3	3.266	18.9	840,359	11.9	255

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/29/2025	0:00:00	7.3	2.487	27.4	840,376	12	257
11/29/2025	0:15:00	7.3	0.617	17.9	840,414	11.9	255
11/29/2025	0:30:00	7.2	3.274	14.7	840,445	12	255
11/29/2025	0:45:00	7.3	3.422	10.1	840,488	12	257
11/29/2025	1:15:00	7.3	3.149	19.4	840,553	12.7	256
11/29/2025	1:30:00	7.3	3.388	20.2	840,601	12.3	256
11/29/2025	1:45:00	7.3	3.410	17.4	840,648	12.3	257
11/29/2025	2:00:00	7.3	0.360	22.1	840,686	12.5	257
11/29/2025	2:15:00	7.3	3.308	31.5	840,709	12.5	255
11/29/2025	2:45:00	7.3	3.403	13.8	840,770	12.2	253
11/29/2025	3:00:00	7.3	3.414	13	840,817	12.2	258
11/29/2025	3:15:00	7.3	3.274	12.8	840,863	12.2	258
11/29/2025	3:45:00	7.3	3.266	17	840,926	12.4	255
11/29/2025	4:00:00	7.3	3.395	12.7	840,973	12.3	255
11/29/2025	4:15:00	7.3	0.416	17.3	841,006	12.6	255
11/29/2025	4:30:00	7.3	3.285	16.7	841,037	12.4	255
11/29/2025	4:45:00	7.4	3.301	9	841,054	12.6	255
11/29/2025	5:00:00	7.3	3.391	12.7	841,101	12.4	257
11/29/2025	5:15:00	7.3	3.331	13.9	841,146	12.4	257
11/29/2025	5:45:00	7.3	3.338	15.2	841,194	12.4	256
11/29/2025	6:00:00	7.3	0.405	12.9	841,236	12.4	255
11/29/2025	6:15:00	7.3	3.206	14.1	841,267	12.3	255
11/29/2025	6:30:00	7.3	0.636	16.2	841,305	12.3	255
11/29/2025	6:45:00	7.3	3.327	18.6	841,329	12.3	256
11/29/2025	7:30:00	7.3	1.234	11.7	841,432	12.1	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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/29/2025	7:45:00	7.3	1.030	7	841,450	11.9	253
11/29/2025	8:00:00	7.2	2.419	13.3	841,480	12	255
11/29/2025	8:15:00	7.3	2.434	15.1	841,508	11.9	257
11/29/2025	8:45:00	7.2	2.612	5.5	841,580	11.9	255
11/29/2025	9:00:00	7.2	2.226	14.6	841,614	12	255
11/29/2025	9:15:00	7.2	2.354	14.2	841,655	12.1	255
11/29/2025	9:30:00	7.2	2.990	8.3	841,692	11.9	257
11/29/2025	9:45:00	7.3	3.070	15.1	841,734	12.1	258
11/29/2025	10:00:00	7.3	2.048	12.9	841,755	11.9	258
11/29/2025	10:15:00	7.3	2.956	10.2	841,787	12.2	262
11/29/2025	10:30:00	7.3	3.274	28.6	841,829	12.1	262
11/29/2025	10:45:00	7.3	3.005	9.9	841,870	12.2	260
11/29/2025	11:00:00	7.3	2.104	5.1	841,912	12.2	260
11/29/2025	11:15:00	7.3	3.077	12	841,953	12.3	261
11/29/2025	11:45:00	7.3	2.979	7.5	842,014	12.5	263
11/29/2025	12:30:00	7.3	3.372	8.3	842,094	12.1	263
11/29/2025	12:45:00	7.3	3.213	15.2	842,143	12.1	263
11/29/2025	13:00:00	7.3	3.524	14.2	842,189	11.9	263
11/29/2025	13:15:00	7.3	3.225	12.1	842,231	12.3	265
11/29/2025	13:45:00	7.3	3.528	13.9	842,297	12.5	261
11/29/2025	14:00:00	7.4	3.494	15.9	842,346	12.7	261
11/29/2025	14:15:00	7.3	3.198	13.3	842,379	12.7	259
11/29/2025	14:30:00	7.4	3.357	11.2	842,421	12.7	259
11/29/2025	14:45:00	7.4	1.548	20.3	842,455	12.6	259
11/29/2025	15:00:00	7.3	3.145	13.6	842,494	12.7	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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/29/2025	15:15:00	7.3	3.081	14	842,536	12.7	261
11/29/2025	15:30:00	7.3	3.081	7.9	842,579	12.6	261
11/29/2025	15:45:00	7.3	3.062	12	842,621	12.9	259
11/29/2025	16:00:00	7.4	2.964	5.2	842,662	12.7	259
11/29/2025	16:15:00	7.4	2.597	6.7	842,681	13	259
11/29/2025	16:30:00	7.4	1.942	32.1	842,725	12.8	256
11/29/2025	16:45:00	7.5	1.904	6.6	842,757	12.6	256
11/29/2025	17:00:00	7.4	3.164	7.8	842,804	12.6	257
11/29/2025	17:15:00	7.4	3.251	8.2	842,853	12.7	257
11/29/2025	17:30:00	7.4	1.597	5.7	842,898	12.8	262
11/29/2025	18:00:00	7.4	3.172	16	842,932	12.8	262
11/29/2025	18:15:00	7.3	3.043	6.1	842,977	12.8	264
11/29/2025	18:30:00	7.4	3.085	11.8	843,024	12.7	262
11/29/2025	18:45:00	7.3	3.115	11.7	843,070	12.9	262
11/29/2025	19:00:00	7.3	3.062	12.5	843,116	12.9	257
11/29/2025	19:45:00	7.3	3.066	20	843,211	13.1	254
11/29/2025	20:00:00	7.3	3.062	14.9	843,239	13.7	252
11/29/2025	20:15:00	7.3	3.054	14.6	843,270	12.3	252
11/29/2025	20:30:00	7.3	3.024	14.7	843,316	12.1	252
11/29/2025	20:45:00	7.3	3.013	9.8	843,357	11.8	255
11/29/2025	21:00:00	7.3	3.032	11.5	843,398	11.7	258
11/29/2025	21:15:00	7.3	3.096	11.5	843,417	11.8	261
11/29/2025	21:30:00	7.2	3.077	10.3	843,459	12	257
11/29/2025	22:00:00	7.3	3.028	6.7	843,527	12.7	256
11/29/2025	22:15:00	7.3	2.986	6.2	843,568	12.9	254

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
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Data Date Range	**November 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/29/2025	22:30:00	7.3	3.028	7.9	843,590	13.5	256
11/29/2025	22:45:00	7.3	2.998	11.3	843,631	13.2	256
11/29/2025	23:00:00	7.3	2.990	11.9	843,672	13.2	256
11/29/2025	23:15:00	7.3	2.998	10.7	843,695	13.4	254
11/29/2025	23:30:00	7.2	2.964	10.2	843,735	13.5	254
11/29/2025	23:45:00	7.3	0.235	16	843,766	13.7	254
11/30/2025	0:00:00	7.2	3.047	18	843,794	13.2	252
11/30/2025	0:15:00	7.3	3.039	18.9	843,836	12.7	254
11/30/2025	0:30:00	7.3	2.945	6.3	843,877	13.2	256
11/30/2025	0:45:00	7.3	1.684	10.6	843,912	13.1	252
11/30/2025	1:00:00	7.3	3.096	4	843,954	12.7	254
11/30/2025	1:15:00	7.3	3.002	3.1	843,997	12.7	256
11/30/2025	1:30:00	7.2	2.979	3.6	844,038	13	254
11/30/2025	1:45:00	7.2	3.058	3	844,059	13.3	254
11/30/2025	2:00:00	7.2	3.092	2.4	844,101	13.3	254
11/30/2025	2:15:00	7.2	3.028	4.7	844,144	13.3	255
11/30/2025	2:30:00	7.2	3.020	6.5	844,185	13.4	255
11/30/2025	2:45:00	7.2	3.282	6.3	844,227	13.3	255
11/30/2025	3:00:00	7.2	3.032	5.3	844,270	13.4	255
11/30/2025	3:15:00	7.2	2.983	2.2	844,311	13.5	255
11/30/2025	3:30:00	7.2	3.024	4.2	844,333	13.9	255
11/30/2025	3:45:00	7.2	2.986	3.1	844,374	13.6	253
11/30/2025	4:00:00	7.3	3.081	2.2	844,416	13.5	253
11/30/2025	4:15:00	7.3	3.077	3.5	844,458	13.4	253
11/30/2025	4:30:00	7.3	3.002	3.2	844,500	13.4	253

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
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Data Date Range	**November 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/30/2025	4:45:00	7.3	3.017	2.2	844,534	13.1	252
11/30/2025	5:00:00	7.3	3.009	3.7	844,575	13	252
11/30/2025	5:15:00	7.3	3.051	3.2	844,598	13.2	251
11/30/2025	5:30:00	7.3	2.990	3.3	844,640	13.3	253
11/30/2025	5:45:00	7.3	3.009	7.4	844,661	13.2	251
11/30/2025	6:00:00	7.3	3.013	3.9	844,703	13	254
11/30/2025	6:15:00	7.3	2.971	4.4	844,744	12.9	252
11/30/2025	6:30:00	7.3	2.956	2.4	844,785	12.8	252
11/30/2025	6:45:00	7.3	3.024	2.1	844,826	12.5	251
11/30/2025	7:00:00	7.3	2.937	5	844,867	12.3	252
11/30/2025	7:30:00	7.3	3.130	5.4	844,918	12.1	253
11/30/2025	7:45:00	7.3	3.293	6.1	844,964	11.9	108
11/30/2025	8:00:00	7.3	3.176	5.2	845,013	11.8	108
11/30/2025	8:30:00	7.4	2.850	7.7	845,071	11.8	108
11/30/2025	8:45:00	7.3	3.002	3.6	845,111	11.7	109
11/30/2025	9:15:00	7.3	2.941	5.3	845,175	11.5	109
11/30/2025	9:45:00	7.3	2.945	8.1	845,250	11.3	109
11/30/2025	10:00:00	7.3	2.074	4.8	845,283	11.6	109
11/30/2025	10:30:00	7.3	2.044	6.6	845,345	11.7	257
11/30/2025	10:45:00	7.3	3.028	4.2	845,385	11.6	253
11/30/2025	11:00:00	7.3	2.010	4.4	845,420	11.7	253
11/30/2025	11:45:00	7.3	3.017	2.7	845,468	11.8	253
11/30/2025	12:00:00	7.4	2.192	11.3	845,507	11.7	256
11/30/2025	12:15:00	7.4	2.986	6.8	845,525	11.7	255
11/30/2025	12:30:00	7.3	3.024	8.7	845,566	11.8	257

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
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Data Date Range	**November 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/30/2025	12:45:00	7.3	3.111	5.8	845,613	11.7	257
11/30/2025	13:00:00	7.3	3.020	4.3	845,652	11.8	255
11/30/2025	13:30:00	7.3	3.066	22.1	845,703	12	257
11/30/2025	13:45:00	7.3	2.945	4.2	845,729	12	257
11/30/2025	14:00:00	7.4	2.937	15.4	845,764	12.6	109
11/30/2025	14:15:00	-0.4	2.975	11.7	845,797	13.8	108
11/30/2025	14:30:00	-0.4	1.991	11.4	845,834	11.6	107
11/30/2025	14:45:00	-0.4	2.684	9	845,874	11.6	107
11/30/2025	15:00:00	7.5	3.312	20.7	845,917	11.6	108
11/30/2025	15:15:00	7.6	2.483	23.3	845,952	11.6	253
11/30/2025	15:30:00	7.4	3.293	9.9	846,000	11.8	257
11/30/2025	15:45:00	7.7	2.101	11.9	846,038	12.2	255
11/30/2025	16:00:00	7.6	2.369	14	846,066	12	109
11/30/2025	16:15:00	7.3	2.248	30.7	846,105	11.7	255
11/30/2025	16:30:00	7.4	2.835	24	846,144	11.6	253
11/30/2025	16:45:00	7.4	2.305	63.4	846,184	11.6	254
11/30/2025	17:00:00	7.4	3.297	11.4	846,228	11.7	110
11/30/2025	17:30:00	7.4	3.107	14	846,296	12.2	249
11/30/2025	18:00:00	7.3	2.971	6.2	846,365	12.5	113
11/30/2025	18:15:00	7.3	1.919	44.6	846,407	13	251
11/30/2025	18:30:00	7.3	3.017	13.6	846,421	13.2	251
11/30/2025	18:45:00	-0.4	1.896	7.3	846,463	12.9	112
11/30/2025	19:00:00	7.4	0.326	16.5	846,501	12.4	110
11/30/2025	19:15:00	7.3	2.226	11.1	846,532	12	110
11/30/2025	19:30:00	7.3	2.101	7.9	846,573	11.8	109

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/30/2025	19:45:00	7.3	0.288	7.4	846,612	11.6	110
11/30/2025	20:00:00	7.3	2.165	11.3	846,642	11.7	110
11/30/2025	20:15:00	7.3	3.028	9.9	846,687	11.7	110
11/30/2025	20:30:00	7.3	0.314	7.9	846,721	11.8	110
11/30/2025	20:45:00	7.3	3.039	9.4	846,751	11.5	110
11/30/2025	21:00:00	7.3	3.054	7.4	846,791	11.6	110
11/30/2025	21:15:00	7.3	0.333	9.6	846,823	12.1	113
11/30/2025	21:30:00	7.3	3.058	6.8	846,858	12.3	113
11/30/2025	21:45:00	7.3	3.149	7.6	846,904	12.5	115
11/30/2025	22:00:00	7.4	3.145	8.2	846,946	12.6	115
11/30/2025	22:15:00	7.3	3.062	10.8	846,992	12.8	114
11/30/2025	22:30:00	7.3	3.039	6.2	847,032	12.8	249
11/30/2025	22:45:00	7.3	3.020	8.9	847,077	12.7	114
11/30/2025	23:00:00	7.4	2.578	9.4	847,112	13.1	112
11/30/2025	23:15:00	7.4	3.043	12.1	847,158	14	247
11/30/2025	23:30:00	7.4	3.020	7.5	847,198	14.8	247
11/30/2025	23:45:00	7.3	0.371	8.2	847,226	12.2	108

Table 3. In-Situ Parameters

Date	Temperature °C	DO mg/L	Conductivity SPC-uS/cm	SAL-ppt	pH	ORP (mV)	NTU
11/24/2025	10.8	11.31	172.0	0.08	7.83	184.8	6.25
11/25/2025	11.0	10.98	171.4	0.08	7.92	225.9	7.73
11/26/2025	14.6	9.32	170.8	0.08	7.57	234.4	4.46
11/27/2025	13.0	10.25	167.5	0.08	7.05	275.1	5.33
11/28/2025	12.4	10.10	171.5	0.08	7.43	304.5	2.21
11/29/2025	13.8	10.26	171.3	0.08	7.53	301.6	1.86
11/30/2025	11.6	10.60	187.1	0.09	7.65	276.6	4.09

3. Calibration Log:

Table 4. Calibration Log

Date	Unit	pH	Conductivity/Temp.	Salinity	NTU
11/25/2025	YSI	✓	✓	✓	✓
11/25/2025	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)
11/24/2025	0:00:00	7.2	3.179	3.8	822,553	Open	13.4	258
11/24/2025	0:15:00	7.2	3.134	9.5	822,601	Open	13.3	258
11/24/2025	0:30:00	7.2	3.217	6.5	822,640	Open	13.5	258
11/24/2025	0:45:00	7.2	3.047	1.2	822,687	Open	13.4	258
11/24/2025	1:00:00	7.2	2.979	4.6	822,732	Open	13.5	256
11/24/2025	1:15:00	7.2	3.160	6.3	822,749	Open	14	258
11/24/2025	1:30:00	7.2	2.362	6.8	822,790	Open	13.7	258
11/24/2025	1:45:00	7.2	3.058	1	822,831	Open	13.6	258
11/24/2025	2:00:00	7.2	3.039	1.4	822,855	Open	13.7	256
11/24/2025	2:15:00	7.2	2.403	9.6	822,898	Open	13.4	256
11/24/2025	2:30:00	7.2	2.002	9.1	822,933	Open	12.9	258
11/24/2025	2:45:00	7.2	2.634	5.4	822,977	Open	13	258
11/24/2025	3:00:00	7.2	0.431	7.6	823,006	Open	13.4	256
11/24/2025	3:15:00	7.3	3.380	0	823,033	Open	12.8	114
11/24/2025	3:30:00	7.3	1.628	6.4	823,079	Open	12.3	256
11/24/2025	3:45:00	7.2	3.422	17.7	823,122	Open	13.9	258
11/24/2025	4:00:00	7.2	3.285	9.1	823,164	Open	15.3	258
11/24/2025	4:15:00	7.2	0.420	2.6	823,195	Open	16.6	259
11/24/2025	4:30:00	7.2	3.399	4.5	823,223	Open	12.7	255
11/24/2025	4:45:00	7.2	3.425	4.6	823,269	Open	12.5	256
11/24/2025	5:00:00	7.2	2.453	6.9	823,316	Open	12.5	256
11/24/2025	5:15:00	7.2	3.259	4.7	823,337	Open	12.7	255
11/24/2025	5:30:00	7.2	3.350	13.2	823,386	Open	12.6	256
11/24/2025	5:45:00	7.2	0.424	5.7	823,413	Open	12.9	256

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
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Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/24/2025	6:00:00	7.2	3.422	2.4	823,441	Open	12.7	258
11/24/2025	6:15:00	7.2	2.835	2.8	823,488	Open	12.8	256
11/24/2025	6:30:00	7.2	3.407	6	823,538	Open	12.7	255
11/24/2025	6:45:00	7.2	3.323	5.3	823,582	Open	12.8	258
11/24/2025	7:00:00	7.2	3.395	9.9	823,633	Open	12.7	255
11/24/2025	7:15:00	7.2	1.438	14.3	823,682	Open	12.8	258
11/24/2025	7:30:00	7.2	2.706	10	823,706	Closed	12.8	255
11/24/2025	7:45:00	7.2	2.070	3.9	823,719	Open	12.8	256
11/24/2025	8:00:00	7.2	0.409	2.8	823,750	Closed	12.9	256
11/24/2025	8:15:00	7.2	2.608	2.2	823,763	Open	12.4	256
11/24/2025	8:30:00	7.2	3.592	4.4	823,810	Open	12.3	256
11/24/2025	8:45:00	7.2	0.973	8.9	823,862	Closed	12.2	256
11/24/2025	9:00:00	7.2	3.323	4.2	823,900	Open	12.1	256
11/24/2025	9:15:00	7.2	0.322	6	823,926	Closed	12.3	256
11/24/2025	9:30:00	7.2	2.517	6.9	823,960	Open	12.3	257
11/24/2025	9:45:00	7.2	4.296	112.1	823,967	Closed	13.4	257
11/24/2025	10:00:00	7.3	3.301	11	823,990	Open	12.7	259
11/24/2025	10:15:00	7.2	3.289	6.2	824,041	Open	12.5	257
11/24/2025	10:30:00	7.2	3.225	9.4	824,091	Open	12.3	258
11/24/2025	10:45:00	7.2	3.331	4	824,139	Open	12.3	257
11/24/2025	11:00:00	7.2	3.736	67.5	824,182	Closed	12.2	257
11/24/2025	11:15:00	7.2	2.911	8.2	824,205	Open	11.8	256
11/24/2025	11:30:00	7.2	2.226	17.5	824,243	Open	11.9	256
11/24/2025	11:45:00	7.2	3.070	12	824,289	Open	11.6	257
11/24/2025	12:00:00	7.2	2.930	7.9	824,323	Open	11.6	256

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/24/2025	12:15:00	7.2	3.002	12.7	824,366	Open	11.5	258
11/24/2025	12:30:00	7.2	2.248	20	824,400	Open	11.7	258
11/24/2025	12:45:00	7.2	3.092	11.6	824,446	Open	11.5	258
11/24/2025	13:00:00	7.2	3.062	13.2	824,460	Closed	11.6	258
11/24/2025	13:15:00	7.2	0.738	27.4	824,464	Closed	11.6	258
11/24/2025	13:30:00	7.2	2.010	10.5	824,504	Open	12	256
11/24/2025	13:45:00	7.2	3.289	8.6	824,545	Open	12	255
11/24/2025	14:00:00	7.2	3.198	9	824,593	Open	12.1	257
11/24/2025	14:15:00	7.2	3.070	5.3	824,620	Open	12.3	256
11/24/2025	14:30:00	7.2	3.032	21.9	824,660	Open	12	257
11/24/2025	14:45:00	7.2	3.077	13	824,703	Open	11.9	256
11/24/2025	15:00:00	7.2	2.313	19.4	824,735	Open	12.2	257
11/24/2025	15:15:00	7.2	3.149	21.6	824,782	Open	12	259
11/24/2025	15:30:00	7.3	0.269	23.5	824,814	Open	12.3	258
11/24/2025	15:45:00	7.2	2.790	15.2	824,835	Closed	12.4	257
11/24/2025	16:00:00	7.3	3.024	14	824,857	Open	12.1	256
11/24/2025	16:15:00	7.2	2.555	6.5	824,900	Open	12	259
11/24/2025	16:30:00	7.3	3.089	9.1	824,945	Open	12	256
11/24/2025	16:45:00	7.3	2.880	9.9	824,990	Open	12.2	257
11/24/2025	17:00:00	7.3	0.341	20.5	825,024	Open	12.8	259
11/24/2025	17:15:00	7.3	3.410	12.8	825,064	Open	12.7	257
11/24/2025	17:30:00	7.3	3.183	14.6	825,113	Open	12.5	259
11/24/2025	17:45:00	7.3	1.302	12.2	825,139	Open	12.6	261
11/24/2025	18:00:00	7.3	3.123	16.2	825,158	Open	13	259
11/24/2025	18:15:00	7.3	3.221	14.8	825,187	Open	13.2	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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/24/2025	18:30:00	7.3	3.297	23.2	825,236	Open	13.1	257
11/24/2025	18:45:00	7.3	0.307	25.6	825,260	Open	12.7	253
11/24/2025	19:00:00	7.3	3.293	27.2	825,289	Open	12.9	254
11/24/2025	19:15:00	7.3	3.232	21.4	825,338	Open	13.9	259
11/24/2025	19:30:00	7.3	3.183	0	825,386	Open	14.9	256
11/24/2025	19:45:00	7.2	3.142	1.9	825,433	Open	12.5	254
11/24/2025	20:00:00	7.2	3.096	3.7	825,480	Open	12.6	256
11/24/2025	20:15:00	7.2	3.062	1.6	825,526	Open	12.8	254
11/24/2025	20:30:00	7.2	3.032	3.7	825,572	Open	13	254
11/24/2025	20:45:00	7.2	2.994	3.8	825,617	Open	13.2	254
11/24/2025	21:00:00	7.2	3.312	9.5	825,655	Open	13	252
11/24/2025	21:15:00	7.2	3.240	21.7	825,704	Open	13.1	254
11/24/2025	21:30:00	7.2	3.176	49.2	825,722	Open	13.6	252
11/24/2025	21:45:00	7.3	1.559	15.4	825,740	Open	13.8	254
11/24/2025	22:00:00	7.3	2.956	3.1	825,776	Open	12.8	252
11/24/2025	22:15:00	7.3	3.278	5.9	825,823	Open	12.4	252
11/24/2025	22:30:00	7.3	3.183	16.2	825,870	Open	12.3	252
11/24/2025	22:45:00	7.3	3.149	25.5	825,917	Open	12.4	254
11/24/2025	23:00:00	7.3	0.382	4.9	825,942	Open	13.2	254
11/24/2025	23:15:00	7.3	0.322	2.9	825,966	Open	13.1	254
11/24/2025	23:30:00	7.3	3.142	3.6	825,997	Open	12.9	254
11/24/2025	23:45:00	7.2	2.403	1.4	826,028	Open	13	254
11/25/2025	0:00:00	7.2	3.251	6.8	826,085	Open	12.7	252
11/25/2025	0:15:00	7.2	3.092	9.1	826,132	Closed	12.4	252
11/25/2025	0:30:00	7.2	3.100	39.2	826,132	Closed	12.3	254

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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/25/2025	0:45:00	7.2	2.104	42.6	826,167	Open	12.2	254
11/25/2025	1:00:00	7.2	3.225	15	826,214	Open	12	254
11/25/2025	1:15:00	7.3	0.238	18.1	826,256	Open	12.2	256
11/25/2025	1:30:00	7.3	3.145	15.3	826,272	Open	12.7	254
11/25/2025	1:45:00	7.3	2.335	16	826,313	Open	12.9	256
11/25/2025	2:00:00	7.3	3.198	7	826,357	Open	12.9	256
11/25/2025	2:15:00	7.3	3.153	8.5	826,404	Open	13.1	256
11/25/2025	2:30:00	7.3	0.310	5.4	826,439	Open	13.6	256
11/25/2025	2:45:00	7.2	2.309	4.7	826,471	Open	13.3	256
11/25/2025	3:00:00	7.2	0.363	2.9	826,500	Open	13.8	257
11/25/2025	3:15:00	7.2	3.145	4.3	826,540	Open	13.3	256
11/25/2025	3:30:00	7.2	3.225	5.7	826,588	Open	13.4	256
11/25/2025	3:45:00	7.2	3.266	4.4	826,634	Open	13.4	256
11/25/2025	4:00:00	7.2	3.266	3.5	826,656	Open	13.5	254
11/25/2025	4:15:00	7.2	3.217	4.5	826,705	Open	13.4	255
11/25/2025	4:30:00	7.2	0.284	4.1	826,734	Open	14.2	117
11/25/2025	4:45:00	7.2	1.843	14.5	826,755	Open	13.4	251
11/25/2025	5:00:00	7.2	3.395	8.3	826,778	Open	13.1	253
11/25/2025	5:15:00	7.2	3.138	7	826,824	Open	13.2	254
11/25/2025	5:30:00	7.2	2.604	2.6	826,871	Open	13.3	256
11/25/2025	5:45:00	7.2	2.562	3.9	826,920	Open	13.3	256
11/25/2025	6:00:00	7.2	0.640	5.7	826,963	Open	13.3	256
11/25/2025	6:15:00	7.2	3.319	7.9	826,982	Open	13.6	255
11/25/2025	6:30:00	7.2	3.365	3.6	827,029	Open	13.4	256
11/25/2025	6:45:00	7.2	0.382	3.7	827,074	Open	13.6	256

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/25/2025	7:00:00	7.2	3.240	6.7	827,094	Open	13.6	253
11/25/2025	7:15:00	7.2	3.183	6.9	827,142	Open	13.4	255
11/25/2025	7:30:00	7.2	3.251	2.5	827,187	Open	13.3	252
11/25/2025	7:45:00	7.2	0.000	12.2	827,225	Open	13.5	112
11/25/2025	8:00:00	7.2	0.678	10.8	827,252	Open	13.2	254
11/25/2025	8:15:00	7.2	3.448	11.3	827,289	Open	12.7	252
11/25/2025	8:30:00	7.2	3.123	7.7	827,337	Open	12.5	251
11/25/2025	8:45:00	7.2	2.525	5.2	827,349	Open	12.6	253
11/25/2025	9:00:00	7.2	2.790	15.5	827,375	Open	12.3	252
11/25/2025	9:15:00	7.2	3.456	6.8	827,407	Open	12.6	256
11/25/2025	9:30:00	7.2	3.081	7.1	827,452	Open	12.3	255
11/25/2025	9:45:00	7.2	1.995	4.7	827,487	Open	12.3	255
11/25/2025	10:00:00	7.2	2.623	46.8	827,508	Closed	12.6	255
11/25/2025	10:15:00	10.6	3.168	0	827,546	Open	13.9	110
11/25/2025	10:30:00	6.9	0.564	95.2	827,578	Closed	13	110
11/25/2025	10:45:00	9.9	3.248	1.9	827,601	Open	16.9	112
11/25/2025	11:00:00	6.9	2.320	14.1	827,648	Open	19.6	112
11/25/2025	11:15:00	7	0.522	11.4	827,664	Closed	13.6	110
11/25/2025	11:30:00	7	3.429	2.8	827,694	Open	12.6	256
11/25/2025	11:45:00	7	2.827	14.7	827,718	Open	12.8	254
11/25/2025	12:00:00	7	2.445	3.4	827,759	Open	12.7	257
11/25/2025	12:15:00	7.1	0.689	9.1	827,774	Closed	12.8	259
11/25/2025	12:30:00	7.1	3.301	6.1	827,804	Open	12.6	259
11/25/2025	12:45:00	7.1	3.547	2.4	827,842	Closed	12.9	259
11/25/2025	13:00:00	7.1	3.391	6.6	827,879	Open	12.5	258

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/25/2025	13:15:00	7.1	3.509	37.4	827,908	Closed	12.3	258
11/25/2025	13:30:00	7.1	3.251	16.2	827,945	Open	12.1	258
11/25/2025	13:45:00	7.1	0.420	33.6	827,983	Open	12.1	259
11/25/2025	14:00:00	7.1	0.537	33.6	828,000	Open	12.1	259
11/25/2025	14:15:00	7.1	3.308	7.7	828,040	Open	11.9	256
11/25/2025	14:30:00	7.1	3.263	12.6	828,089	Open	11.8	255
11/25/2025	14:45:00	7.1	2.449	9	828,135	Open	12	259
11/25/2025	15:00:00	7.2	3.331	17.1	828,162	Open	12.9	254
11/25/2025	15:15:00	7.1	3.297	13.2	828,199	Open	12.4	256
11/25/2025	15:30:00	7.1	3.232	13	828,247	Open	12.7	257
11/25/2025	15:45:00	7.2	2.381	19.3	828,274	Open	15	256
11/25/2025	16:00:00	7.1	2.275	12.9	828,310	Open	12.7	256
11/25/2025	16:15:00	7.2	0.000	12.3	828,349	Closed	12.8	259
11/25/2025	16:30:00	7.2	3.304	14.2	828,367	Open	13.1	256
11/25/2025	16:45:00	7.2	2.456	13.3	828,405	Open	13	256
11/25/2025	17:00:00	7.2	2.332	13.1	828,450	Open	12.9	256
11/25/2025	17:15:00	7.2	3.270	6.6	828,484	Open	12.9	257
11/25/2025	17:30:00	7.2	3.221	6.1	828,534	Open	12.7	256
11/25/2025	17:45:00	7.2	3.376	9.6	828,575	Open	12.9	256
11/25/2025	18:00:00	7.2	2.676	3.7	828,618	Open	12.8	256
11/25/2025	18:15:00	7.2	0.307	3.6	828,651	Closed	12.9	255
11/25/2025	18:30:00	7.2	3.244	7.3	828,675	Open	12.9	256
11/25/2025	18:45:00	7.2	3.448	3.8	828,703	Open	12.7	257
11/25/2025	19:00:00	7.2	3.357	4.1	828,754	Open	12.5	257
11/25/2025	19:15:00	7.1	3.422	6.5	828,797	Open	12.3	257

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/25/2025	19:30:00	7.1	2.441	4.3	828,848	Open	12.3	257
11/25/2025	19:45:00	7.1	3.263	3.4	828,890	Open	12.3	258
11/25/2025	20:00:00	-0.4	3.187	9.4	828,938	Open	12.3	257
11/25/2025	20:15:00	7.2	3.032	5.1	828,964	Open	13.8	112
11/25/2025	20:30:00	7.1	2.419	11.3	829,011	Open	12.7	256
11/25/2025	20:45:00	7.1	3.399	10.6	829,056	Open	12.4	256
11/25/2025	21:00:00	7.1	3.384	8.4	829,107	Open	12.5	256
11/25/2025	21:15:00	7.1	2.676	26.2	829,153	Open	12.8	256
11/25/2025	21:30:00	7.1	2.044	15.2	829,193	Open	13.1	257
11/25/2025	21:45:00	7.1	3.380	1	829,241	Open	12.7	258
11/25/2025	22:00:00	7.2	3.437	15	829,292	Open	12.8	254
11/25/2025	22:15:00	7.2	1.998	12	829,339	Open	13.1	256
11/25/2025	22:30:00	7.2	3.414	13.3	829,375	Open	12.7	254
11/25/2025	22:45:00	7.2	3.414	14.4	829,406	Open	12.9	252
11/25/2025	23:00:00	7.2	3.365	7	829,457	Open	12.6	256
11/25/2025	23:15:00	7.2	3.331	8	829,507	Open	12.8	256
11/25/2025	23:30:00	7.3	0.000	4.6	829,530	Closed	13	252
11/25/2025	23:45:00	7.2	3.331	15.2	829,568	Open	12.8	255
11/26/2025	0:00:00	7.2	3.327	8.3	829,618	Open	12.8	252
11/26/2025	0:15:00	7.2	2.460	10.7	829,667	Open	12.7	254
11/26/2025	0:30:00	7.2	0.155	16.3	829,689	Closed	13.3	254
11/26/2025	0:45:00	7.2	3.357	10.8	829,735	Open	12.9	256
11/26/2025	1:00:00	7.3	3.274	15.8	829,785	Open	13	256
11/26/2025	1:15:00	7.3	2.487	14.7	829,803	Open	13.4	254
11/26/2025	1:30:00	7.3	0.000	12.2	829,826	Closed	13.8	254

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/26/2025	1:45:00	7.2	3.338	11.6	829,866	Open	13.2	255
11/26/2025	2:00:00	7.3	3.335	14.5	829,889	Open	13.9	256
11/26/2025	2:15:00	7.2	2.468	13.6	829,931	Open	13.2	256
11/26/2025	2:45:00	7.2	3.384	10.9	829,997	Open	13	256
11/26/2025	3:00:00	7.2	3.327	12.2	830,047	Open	12.6	256
11/26/2025	3:15:00	7.2	0.000	11.5	830,076	Closed	13.2	256
11/26/2025	3:30:00	7.2	2.578	13.4	830,117	Open	13	254
11/26/2025	3:45:00	7.2	3.342	13.7	830,164	Open	12.9	254
11/26/2025	4:00:00	7.3	3.278	18.1	830,214	Open	13.1	254
11/26/2025	4:15:00	7.3	0.182	16.9	830,232	Closed	13.7	254
11/26/2025	4:30:00	7.3	2.453	19.9	830,277	Open	13.6	256
11/26/2025	4:45:00	7.3	0.439	7	830,301	Open	15	114
11/26/2025	5:00:00	7.2	2.438	15	830,340	Open	13.3	253
11/26/2025	5:15:00	7.3	0.443	6.7	830,350	Open	17.1	114
11/26/2025	5:30:00	7.3	3.301	7.5	830,393	Open	13.3	253
11/26/2025	5:45:00	7.3	3.425	5.9	830,436	Open	13.2	255
11/26/2025	6:00:00	7.2	2.536	8	830,484	Open	13.3	255
11/26/2025	6:15:00	7.3	3.297	12.3	830,531	Open	13.2	255
11/26/2025	6:30:00	7.3	0.000	4.6	830,563	Closed	13.6	255
11/26/2025	6:45:00	7.2	3.308	9.1	830,590	Open	13.4	256
11/26/2025	7:00:00	7.2	2.460	3.2	830,605	Open	13.9	256
11/26/2025	7:15:00	7.3	0.000	5.2	830,640	Closed	13.3	253
11/26/2025	7:30:00	7.2	3.206	3.5	830,666	Open	13	253
11/26/2025	7:45:00	7.2	2.506	4.7	830,710	Open	12.8	252
11/26/2025	8:00:00	7.2	3.403	6.1	830,737	Open	12.6	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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/26/2025	8:15:00	7.3	3.304	7.6	830,788	Open	12.3	251
11/26/2025	8:30:00	7.2	0.360	6.4	830,813	Closed	12.2	252
11/26/2025	8:45:00	7.2	2.123	4.1	830,848	Open	12.3	255
11/26/2025	9:00:00	7.2	3.229	4.7	830,881	Open	12.2	254
11/26/2025	9:15:00	7.2	3.751	11.8	830,923	Closed	12.3	255
11/26/2025	9:30:00	7.2	3.198	3.2	830,965	Open	12.3	255
11/26/2025	9:45:00	7.2	2.297	74.4	831,009	Open	12.2	252
11/26/2025	10:00:00	7.2	3.168	5	831,051	Open	12	256
11/26/2025	10:15:00	7.2	2.990	4.8	831,096	Open	11.9	256
11/26/2025	10:30:00	7.3	1.317	13.7	831,109	Closed	11.9	258
11/26/2025	10:45:00	7.3	3.232	5.9	831,152	Open	11.7	258
11/26/2025	11:00:00	7.3	3.357	9.3	831,195	Open	11.8	258
11/26/2025	11:15:00	7.3	2.434	9.3	831,243	Open	11.8	258
11/26/2025	11:30:00	7.3	3.263	5.1	831,286	Open	12	257
11/26/2025	11:45:00	7.3	3.172	8	831,334	Open	12.2	254
11/26/2025	12:00:00	7.3	3.304	12.7	831,376	Open	12.4	255
11/26/2025	12:15:00	7.3	2.706	5.4	831,422	Open	12.6	256
11/26/2025	12:30:00	7.3	3.429	13.1	831,442	Open	12.9	256
11/26/2025	12:45:00	7.3	3.259	10	831,490	Open	12.6	255
11/26/2025	13:00:00	7.3	1.998	18.7	831,532	Open	13	255
11/26/2025	13:15:00	7.3	2.381	3.9	831,572	Open	12.8	256
11/26/2025	13:30:00	7.3	3.221	3.7	831,618	Open	12.5	258
11/26/2025	13:45:00	7.3	2.933	10.4	831,646	Open	12.7	258
11/26/2025	14:00:00	7.3	3.221	11.2	831,684	Open	13	256
11/26/2025	14:15:00	7.3	3.157	7.8	831,726	Open	13	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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/26/2025	14:30:00	7.3	3.058	6.4	831,773	Open	12.9	256
11/26/2025	14:45:00	7.3	0.000	28.4	831,813	Closed	13.1	255
11/26/2025	15:00:00	7.4	3.308	5.4	831,853	Open	13.3	254
11/26/2025	15:15:00	7.4	2.347	27.1	831,887	Closed	14.2	256
11/26/2025	15:30:00	7.4	3.244	5	831,936	Open	13.8	256
11/26/2025	15:45:00	7.4	2.260	13.9	831,963	Closed	14.3	254
11/26/2025	16:00:00	7.4	0.000	13.3	831,985	Closed	14.8	256
11/26/2025	16:15:00	7.4	3.278	18.5	832,002	Closed	13.4	254
11/26/2025	16:30:00	7.4	2.983	33.4	832,036	Open	13.3	256
11/26/2025	16:45:00	7.4	2.930	22.4	832,060	Open	13.7	110
11/26/2025	17:00:00	7.4	3.142	15.8	832,092	Open	13.3	255
11/26/2025	17:15:00	7.4	3.467	9.3	832,129	Open	13.1	253
11/26/2025	17:30:00	7.4	3.191	11.8	832,180	Open	13.7	258
11/26/2025	17:45:00	7.3	2.695	5.2	832,221	Open	12.8	255
11/26/2025	18:00:00	7.3	1.075	4.4	832,259	Open	12.9	256
11/26/2025	18:15:00	7.3	3.369	16.1	832,291	Open	12.6	255
11/26/2025	18:30:00	7.3	3.266	9.7	832,330	Open	13.3	255
11/26/2025	18:45:00	7.3	3.354	12.6	832,380	Open	12.9	253
11/26/2025	19:00:00	7.3	1.067	12.6	832,420	Open	13.1	110
11/26/2025	19:15:00	7.3	3.509	15.2	832,461	Open	12.7	255
11/26/2025	19:30:00	7.3	3.369	32.4	832,513	Open	12.9	255
11/26/2025	19:45:00	7.3	3.183	14.3	832,560	Open	12.6	255
11/26/2025	20:00:00	7.3	2.010	7.1	832,595	Open	12.6	255
11/26/2025	20:15:00	7.3	3.047	50.9	832,613	Closed	13.4	253
11/26/2025	20:30:00	7.3	3.422	9.5	832,659	Open	12.7	254

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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/26/2025	20:45:00	7.3	3.297	9.8	832,709	Open	12.6	253
11/26/2025	21:00:00	7.3	3.308	11	832,751	Open	12.9	254
11/26/2025	21:15:00	7.3	1.813	10.7	832,790	Open	13.5	251
11/26/2025	21:30:00	7.3	3.319	9.6	832,814	Open	15	254
11/26/2025	21:45:00	7.3	3.263	4.2	832,864	Open	16.2	254
11/26/2025	22:00:00	7.3	0.348	5.2	832,889	Closed	14.8	251
11/26/2025	22:15:00	7.3	2.509	17.8	832,923	Open	13.8	252
11/26/2025	22:30:00	7.3	3.354	5.3	832,971	Open	13.4	252
11/26/2025	22:45:00	7.3	2.498	9.7	833,018	Open	13.7	252
11/26/2025	23:00:00	7.3	3.255	14.3	833,046	Open	14.5	251
11/26/2025	23:15:00	7.3	2.532	10.3	833,094	Open	13.5	254
11/26/2025	23:30:00	7.3	3.346	8.6	833,140	Open	13.6	252
11/26/2025	23:45:00	7.3	2.536	12.3	833,161	Open	14.6	254
11/27/2025	0:00:00	7.3	3.444	7.8	833,198	Open	14.3	254
11/27/2025	0:15:00	7.3	0.299	14.9	833,242	Closed	13.9	253
11/27/2025	0:30:00	7.3	3.346	10.2	833,280	Open	13.9	252
11/27/2025	0:45:00	7.3	3.388	7	833,313	Open	14.5	252
11/27/2025	1:00:00	7.3	3.338	6	833,349	Open	14.1	253
11/27/2025	1:15:00	7.3	0.220	5.9	833,382	Closed	14.5	253
11/27/2025	1:30:00	7.3	3.304	7.1	833,419	Open	14.3	253
11/27/2025	1:45:00	7.3	0.413	2	833,448	Open	15.4	114
11/27/2025	2:00:00	7.3	3.444	6.8	833,489	Open	14	251
11/27/2025	2:15:00	7.3	3.312	11.4	833,540	Open	13.9	252
11/27/2025	2:30:00	7.3	0.174	20.9	833,569	Closed	14.9	255
11/27/2025	2:45:00	7.3	3.361	11.7	833,601	Open	14.4	253

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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/27/2025	3:00:00	7.3	3.319	11.5	833,652	Open	13.8	256
11/27/2025	3:15:00	7.3	0.344	9.4	833,687	Open	14.4	112
11/27/2025	3:30:00	7.3	1.548	16.5	833,717	Open	13.8	252
11/27/2025	3:45:00	7.3	3.369	16.4	833,732	Open	14.5	254
11/27/2025	4:00:00	7.3	3.422	10	833,783	Open	13.4	252
11/27/2025	4:15:00	7.3	3.274	11.3	833,833	Open	13.4	251
11/27/2025	4:30:00	7.3	1.976	11.2	833,879	Open	13.5	253
11/27/2025	4:45:00	7.3	0.409	12.4	833,894	Open	15.8	114
11/27/2025	5:00:00	7.3	3.437	11	833,935	Open	15	254
11/27/2025	5:15:00	7.3	3.282	19	833,985	Open	13.3	112
11/27/2025	5:30:00	7.3	3.244	7.9	834,034	Open	13	252
11/27/2025	5:45:00	7.3	3.248	8.2	834,063	Open	12.9	254
11/27/2025	6:00:00	7.3	1.851	18.9	834,099	Open	13.3	253
11/27/2025	6:15:00	7.3	0.435	10.8	834,133	Open	12.6	252
11/27/2025	6:30:00	7.3	3.289	15.1	834,178	Open	12.5	252
11/27/2025	6:45:00	7.3	3.229	15.6	834,227	Open	12.4	252
11/27/2025	7:00:00	7.3	0.174	14.3	834,250	Closed	12.6	252
11/27/2025	7:15:00	7.3	3.327	12.6	834,290	Open	12.5	253
11/27/2025	7:30:00	7.3	2.949	12.4	834,303	Open	13.7	255
11/27/2025	7:45:00	7.3	2.930	11.3	834,305	Open	13.9	251
11/27/2025	8:00:00	7.2	2.263	10.7	834,341	Open	13.8	251
11/27/2025	8:15:00	7.2	3.225	7.2	834,380	Open	12.6	251
11/27/2025	8:30:00	7.2	3.213	5.3	834,429	Open	12.4	251
11/27/2025	8:45:00	7.2	3.335	5.2	834,470	Open	12.3	253
11/27/2025	9:00:00	7.3	2.793	6	834,517	Open	12.4	253

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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/27/2025	9:15:00	7.3	2.911	8.2	834,558	Open	12.5	254
11/27/2025	9:30:00	7.3	1.779	17.8	834,592	Open	12.7	253
11/27/2025	9:45:00	7.3	2.869	10.1	834,622	Open	12.6	253
11/27/2025	10:00:00	7.3	2.566	15.7	834,650	Open	12.6	253
11/27/2025	10:15:00	7.3	3.327	0.3	834,682	Open	12.8	254
11/27/2025	10:30:00	7.3	2.752	19.6	834,721	Open	12.6	256
11/27/2025	10:45:00	7.3	1.204	13.4	834,770	Open	12.1	255
11/27/2025	11:00:00	7.3	3.168	11.4	834,815	Open	12.1	255
11/27/2025	11:15:00	7.3	3.111	13.1	834,862	Open	12.4	255
11/27/2025	11:30:00	7.3	0.609	25.7	834,891	Open	12.6	253
11/27/2025	11:45:00	7.3	3.051	5.6	834,918	Open	12.4	251
11/27/2025	12:00:00	7.3	2.998	6.4	834,964	Open	12.5	252
11/27/2025	12:15:00	7.3	3.206	11.9	835,009	Open	12.6	252
11/27/2025	12:30:00	7.3	2.933	12.4	835,044	Open	13.1	251
11/27/2025	12:45:00	7.3	3.134	19.6	835,090	Open	13.1	251
11/27/2025	13:00:00	7.3	0.889	21.2	835,131	Closed	13.8	253
11/27/2025	13:15:00	7.3	3.039	19.2	835,174	Open	13.1	253
11/27/2025	13:30:00	7.3	2.759	28.5	835,185	Open	13.6	253
11/27/2025	13:45:00	7.3	2.831	19.4	835,225	Open	12.8	252
11/27/2025	14:00:00	7.3	2.903	11.3	835,261	Open	14	258
11/27/2025	14:15:00	7.3	3.365	10	835,306	Open	14.4	256
11/27/2025	14:30:00	7.3	0.916	20.2	835,347	Open	13.9	255
11/27/2025	14:45:00	7.3	3.036	9.8	835,382	Open	12.5	255
11/27/2025	15:00:00	7.3	2.949	10.5	835,427	Open	12.7	254
11/27/2025	15:15:00	7.3	3.126	11.6	835,466	Open	13	254

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/27/2025	15:30:00	7.3	2.975	11.6	835,505	Open	13.4	256
11/27/2025	15:45:00	7.3	3.100	7.3	835,551	Open	12.9	254
11/27/2025	16:00:00	7.3	2.434	30.9	835,589	Open	13.4	254
11/27/2025	16:15:00	7.2	2.854	9.1	835,622	Open	13	257
11/27/2025	16:30:00	7.2	2.737	2.8	835,658	Open	13.1	256
11/27/2025	16:45:00	7.2	2.737	2.2	835,695	Open	12.6	256
11/27/2025	17:00:00	7.3	3.486	8.5	835,713	Closed	12.6	256
11/27/2025	17:15:00	7.3	3.263	8.3	835,755	Open	12.3	256
11/27/2025	17:30:00	7.3	3.312	6.8	835,797	Open	12.5	257
11/27/2025	17:45:00	7.3	3.119	5.3	835,845	Open	12.4	256
11/27/2025	18:00:00	7.3	3.077	6.1	835,892	Open	12.4	255
11/27/2025	18:15:00	7.3	3.111	9.8	835,934	Open	12.6	254
11/27/2025	18:30:00	7.3	0.000	10.2	835,968	Closed	12.7	254
11/27/2025	18:45:00	7.3	3.259	10.7	836,000	Open	12.5	252
11/27/2025	19:00:00	7.3	3.145	7.8	836,048	Open	12.5	254
11/27/2025	19:15:00	7.3	3.149	7.5	836,088	Open	12.4	252
11/27/2025	19:30:00	7.3	3.422	19.2	836,130	Open	12.2	255
11/27/2025	19:45:00	7.3	3.391	11.5	836,181	Open	12	255
11/27/2025	20:00:00	7.3	0.405	6.7	836,227	Open	12.2	254
11/27/2025	20:15:00	7.3	3.285	4.3	836,254	Open	12	254
11/27/2025	20:30:00	7.3	3.115	32.8	836,280	Closed	12.5	254
11/27/2025	20:45:00	7.3	3.372	5.7	836,328	Open	12.5	252
11/27/2025	21:00:00	7.3	3.240	6.2	836,378	Open	12.7	252
11/27/2025	21:15:00	7.3	3.217	7.8	836,416	Open	12.9	251
11/27/2025	21:30:00	7.3	3.331	9.4	836,437	Open	13	251

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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/27/2025	21:45:00	7.4	0.000	6	836,479	Closed	13.3	251
11/27/2025	22:00:00	7.3	3.274	6.4	836,512	Open	13.3	251
11/27/2025	22:15:00	7.3	0.000	3.8	836,536	Closed	13.9	251
11/27/2025	22:30:00	7.3	3.475	7.7	836,576	Open	13.5	249
11/27/2025	22:45:00	7.3	3.429	4.4	836,628	Open	13.2	251
11/27/2025	23:00:00	7.3	3.244	8.9	836,677	Open	13.3	253
11/27/2025	23:15:00	7.3	0.307	5.3	836,714	Open	13.5	253
11/27/2025	23:30:00	7.3	3.297	8	836,741	Open	13.6	250
11/27/2025	23:45:00	7.3	3.357	7.7	836,791	Open	13.4	250
11/28/2025	0:00:00	7.3	3.221	10.1	836,841	Open	13.5	250
11/28/2025	0:15:00	7.4	0.405	11.8	836,868	Open	14	250
11/28/2025	0:30:00	7.3	3.811	19	836,906	Open	13.7	248
11/28/2025	0:45:00	7.3	2.964	15.4	836,933	Closed	14.1	249
11/28/2025	1:00:00	7.3	3.255	15.8	836,980	Open	13.5	248
11/28/2025	1:15:00	7.3	3.391	6.4	837,022	Open	13.4	248
11/28/2025	1:30:00	7.3	3.354	9.1	837,064	Open	13.5	249
11/28/2025	1:45:00	7.3	3.244	11.1	837,113	Open	13.3	249
11/28/2025	2:00:00	7.3	2.498	12.7	837,154	Open	13.3	251
11/28/2025	2:15:00	7.3	3.285	10.7	837,165	Open	13.4	248
11/28/2025	2:30:00	7.4	3.308	13.7	837,208	Open	13.5	250
11/28/2025	2:45:00	7.4	3.354	11.1	837,259	Open	13.4	250
11/28/2025	3:00:00	7.4	2.748	15.7	837,303	Open	13.6	250
11/28/2025	3:15:00	7.4	3.274	11.1	837,323	Open	13.7	248
11/28/2025	3:30:00	7.4	0.636	13.7	837,363	Open	13.4	246
11/28/2025	3:45:00	7.4	3.270	12.1	837,394	Open	13.2	115

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**November 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/28/2025	4:00:00	7.4	2.362	24.4	837,433	Closed	13.2	251
11/28/2025	4:15:00	7.4	3.403	3.9	837,453	Open	13.1	248
11/28/2025	4:30:00	7.4	3.316	6.4	837,494	Open	13	117
11/28/2025	4:45:00	7.4	3.372	6.2	837,543	Open	13.1	117
11/28/2025	5:00:00	7.4	2.668	5.7	837,589	Open	13.3	251
11/28/2025	5:15:00	7.4	0.394	4.2	837,619	Open	13.7	250
11/28/2025	5:30:00	7.4	0.356	8.1	837,651	Open	13.5	249
11/28/2025	5:45:00	7.4	3.240	12.5	837,685	Open	13.2	118
11/28/2025	6:00:00	7.4	0.144	21	837,715	Closed	13.7	250
11/28/2025	6:15:00	7.4	3.365	9.6	837,759	Open	13.3	117
11/28/2025	6:30:00	7.4	3.293	12.2	837,803	Open	13.2	253
11/28/2025	6:45:00	7.4	0.288	12.6	837,845	Open	13.3	115
11/28/2025	7:00:00	7.4	2.354	22.1	837,873	Open	12.8	248
11/28/2025	7:15:00	7.4	0.049	22.4	837,902	Closed	12.6	112
11/28/2025	7:30:00	7.4	0.363	9.4	837,925	Open	13.4	112
11/28/2025	7:45:00	7.4	2.029	9.4	837,942	Open	12.6	110
11/28/2025	8:00:00	7.3	2.608	7.3	837,978	Open	12.3	248
11/28/2025	8:15:00	7.3	3.005	9.8	838,022	Open	12	110
11/28/2025	8:30:00	7.3	2.952	5.3	838,065	Open	13.6	249
11/28/2025	8:45:00	7.3	2.316	4.2	838,101	Open	13.9	252
11/28/2025	9:00:00	7.3	3.043	3.6	838,141	Open	13.5	251
11/28/2025	9:15:00	7.3	2.967	6.5	838,186	Open	12.7	251
11/28/2025	9:30:00	7.3	2.975	8.6	838,230	Open	12.9	252
11/28/2025	9:45:00	7.4	0.379	12.1	838,251	Closed	12.9	252
11/28/2025	10:00:00	7.3	3.206	12.3	838,289	Open	12.5	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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/28/2025	10:15:00	7.4	3.092	11.3	838,337	Open	12.5	252
11/28/2025	10:30:00	7.4	3.047	11	838,383	Open	13.4	251
11/28/2025	10:45:00	7.4	1.881	10.9	838,412	Open	12.6	251
11/28/2025	11:00:00	7.4	3.297	18.2	838,440	Open	12.4	251
11/28/2025	11:15:00	7.4	2.892	11.1	838,475	Open	13	252
11/28/2025	11:30:00	7.4	3.179	13.2	838,520	Open	12.7	251
11/28/2025	11:45:00	7.4	2.343	29.7	838,558	Open	13.2	251
11/28/2025	12:00:00	7.4	3.134	1.7	838,598	Open	12.7	251
11/28/2025	12:15:00	7.4	3.115	16.3	838,645	Open	12.5	251
11/28/2025	12:30:00	7.4	3.066	16.4	838,691	Open	13.2	252
11/28/2025	12:45:00	7.4	2.245	19.3	838,727	Open	14	251
11/28/2025	13:00:00	7.4	3.266	11.8	838,768	Open	12.9	251
11/28/2025	13:15:00	7.4	3.134	12.7	838,816	Open	12.8	252
11/28/2025	13:30:00	7.4	0.208	13.7	838,844	Closed	13	251
11/28/2025	13:45:00	7.4	1.983	9.2	838,868	Open	14.1	253
11/28/2025	14:00:00	7.4	2.926	12.5	838,894	Open	12.5	252
11/28/2025	14:15:00	7.4	3.630	22	838,939	Open	12.4	252
11/28/2025	14:45:00	7.4	2.483	10.6	839,016	Open	14	254
11/28/2025	15:00:00	7.3	2.661	6.5	839,047	Open	12.7	254
11/28/2025	15:15:00	7.4	3.024	13.4	839,092	Open	12.3	251
11/28/2025	15:30:00	7.4	2.082	33.3	839,125	Closed	12.2	252
11/28/2025	15:45:00	7.4	2.233	10	839,142	Open	12.1	254
11/28/2025	16:00:00	7.3	2.877	6.7	839,183	Open	11.9	255
11/28/2025	16:15:00	7.3	2.922	12.5	839,227	Open	11.9	256
11/28/2025	16:30:00	7.3	2.854	9.9	839,271	Open	11.9	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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/28/2025	16:45:00	7.3	0.170	9.8	839,286	Closed	12.4	255
11/28/2025	17:00:00	7.3	2.827	7.5	839,319	Open	12.4	256
11/28/2025	17:15:00	7.3	1.847	26.7	839,357	Closed	12.8	254
11/28/2025	17:30:00	7.3	3.130	17.9	839,388	Open	12.3	256
11/28/2025	17:45:00	7.3	2.332	15.6	839,413	Open	12.5	256
11/28/2025	18:00:00	7.3	3.134	15.6	839,453	Open	12.9	256
11/28/2025	18:15:00	7.3	3.100	9.6	839,491	Open	13.3	252
11/28/2025	18:30:00	7.3	3.062	10.4	839,537	Open	12.4	256
11/28/2025	18:45:00	7.3	2.241	2.4	839,566	Open	12.8	256
11/28/2025	19:00:00	7.3	3.100	11.9	839,605	Open	12.3	254
11/28/2025	19:15:00	7.3	3.051	13.4	839,652	Open	12.1	257
11/28/2025	19:30:00	7.3	3.240	17.8	839,699	Open	12	256
11/28/2025	19:45:00	7.3	0.363	17.8	839,730	Open	12.1	254
11/28/2025	20:00:00	7.3	3.202	13	839,768	Open	12	256
11/28/2025	20:15:00	7.3	3.259	12.7	839,817	Open	12	256
11/28/2025	20:30:00	7.3	3.176	22.7	839,863	Open	12	256
11/28/2025	20:45:00	7.3	2.214	11.4	839,899	Open	12	255
11/28/2025	21:00:00	7.3	3.043	14.5	839,923	Open	12	255
11/28/2025	21:15:00	7.3	3.119	12.6	839,970	Open	12.1	255
11/28/2025	21:30:00	7.3	3.160	10.1	840,018	Open	12.1	255
11/28/2025	21:45:00	7.3	0.000	9.8	840,042	Closed	12.3	255
11/28/2025	22:00:00	7.3	1.991	18.5	840,078	Open	12.2	255
11/28/2025	22:15:00	7.3	0.326	10.6	840,104	Open	12.3	253
11/28/2025	22:30:00	7.3	3.376	16.2	840,142	Open	12	253
11/28/2025	22:45:00	7.3	3.217	14.8	840,182	Open	11.9	253

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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/28/2025	23:00:00	7.3	2.036	19.5	840,222	Open	11.8	253
11/28/2025	23:15:00	7.3	3.410	21.5	840,266	Open	11.8	257
11/28/2025	23:30:00	7.3	3.259	20	840,316	Open	11.8	257
11/28/2025	23:45:00	7.3	3.266	18.9	840,359	Open	11.9	255
11/29/2025	0:00:00	7.3	2.487	27.4	840,376	Open	12	257
11/29/2025	0:15:00	7.3	0.617	17.9	840,414	Open	11.9	255
11/29/2025	0:30:00	7.2	3.274	14.7	840,445	Open	12	255
11/29/2025	0:45:00	7.3	3.422	10.1	840,488	Open	12	257
11/29/2025	1:00:00	7.3	2.415	25.5	840,536	Closed	12.2	256
11/29/2025	1:15:00	7.3	3.149	19.4	840,553	Open	12.7	256
11/29/2025	1:30:00	7.3	3.388	20.2	840,601	Open	12.3	256
11/29/2025	1:45:00	7.3	3.410	17.4	840,648	Open	12.3	257
11/29/2025	2:00:00	7.3	0.360	22.1	840,686	Open	12.5	257
11/29/2025	2:15:00	7.3	3.308	31.5	840,709	Open	12.5	255
11/29/2025	2:30:00	7.3	0.307	14.8	840,731	Closed	12.6	255
11/29/2025	2:45:00	7.3	3.403	13.8	840,770	Open	12.2	253
11/29/2025	3:00:00	7.3	3.414	13	840,817	Open	12.2	258
11/29/2025	3:15:00	7.3	3.274	12.8	840,863	Open	12.2	258
11/29/2025	3:30:00	7.3	0.303	15.7	840,888	Closed	12.6	255
11/29/2025	3:45:00	7.3	3.266	17	840,926	Open	12.4	255
11/29/2025	4:00:00	7.3	3.395	12.7	840,973	Open	12.3	255
11/29/2025	4:15:00	7.3	0.416	17.3	841,006	Open	12.6	255
11/29/2025	4:30:00	7.3	3.285	16.7	841,037	Open	12.4	255
11/29/2025	4:45:00	7.4	3.301	9	841,054	Open	12.6	255
11/29/2025	5:00:00	7.3	3.391	12.7	841,101	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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/29/2025	5:15:00	7.3	3.331	13.9	841,146	Open	12.4	257
11/29/2025	5:30:00	7.3	0.333	15.2	841,159	Closed	12.9	257
11/29/2025	5:45:00	7.3	3.338	15.2	841,194	Open	12.4	256
11/29/2025	6:00:00	7.3	0.405	12.9	841,236	Open	12.4	255
11/29/2025	6:15:00	7.3	3.206	14.1	841,267	Open	12.3	255
11/29/2025	6:30:00	7.3	0.636	16.2	841,305	Open	12.3	255
11/29/2025	6:45:00	7.3	3.327	18.6	841,329	Open	12.3	256
11/29/2025	7:00:00	7.3	3.596	23.8	841,378	Closed	12.2	258
11/29/2025	7:15:00	7.3	1.964	20.1	841,419	Closed	12.1	257
11/29/2025	7:30:00	7.3	1.234	11.7	841,432	Open	12.1	257
11/29/2025	7:45:00	7.3	1.030	7	841,450	Open	11.9	253
11/29/2025	8:00:00	7.2	2.419	13.3	841,480	Open	12	255
11/29/2025	8:15:00	7.3	2.434	15.1	841,508	Open	11.9	257
11/29/2025	8:30:00	7.2	0.333	9.1	841,541	Closed	11.8	253
11/29/2025	8:45:00	7.2	2.612	5.5	841,580	Open	11.9	255
11/29/2025	9:00:00	7.2	2.226	14.6	841,614	Open	12	255
11/29/2025	9:15:00	7.2	2.354	14.2	841,655	Open	12.1	255
11/29/2025	9:30:00	7.2	2.990	8.3	841,692	Open	11.9	257
11/29/2025	9:45:00	7.3	3.070	15.1	841,734	Open	12.1	258
11/29/2025	10:00:00	7.3	2.048	12.9	841,755	Open	11.9	258
11/29/2025	10:15:00	7.3	2.956	10.2	841,787	Open	12.2	262
11/29/2025	10:30:00	7.3	3.274	28.6	841,829	Open	12.1	262
11/29/2025	10:45:00	7.3	3.005	9.9	841,870	Open	12.2	260
11/29/2025	11:00:00	7.3	2.104	5.1	841,912	Open	12.2	260
11/29/2025	11:15:00	7.3	3.077	12	841,953	Open	12.3	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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/29/2025	11:30:00	7.3	0.000	4.1	841,993	Closed	12.3	263
11/29/2025	11:45:00	7.3	2.979	7.5	842,014	Open	12.5	263
11/29/2025	12:00:00	7.3	1.980	192.7	842,053	Closed	12.3	258
11/29/2025	12:15:00	7.3	2.975	68.2	842,064	Closed	12.7	260
11/29/2025	12:30:00	7.3	3.372	8.3	842,094	Open	12.1	263
11/29/2025	12:45:00	7.3	3.213	15.2	842,143	Open	12.1	263
11/29/2025	13:00:00	7.3	3.524	14.2	842,189	Open	11.9	263
11/29/2025	13:15:00	7.3	3.225	12.1	842,231	Open	12.3	265
11/29/2025	13:30:00	7.3	3.107	22.6	842,251	Closed	12.3	264
11/29/2025	13:45:00	7.3	3.528	13.9	842,297	Open	12.5	261
11/29/2025	14:00:00	7.4	3.494	15.9	842,346	Open	12.7	261
11/29/2025	14:15:00	7.3	3.198	13.3	842,379	Open	12.7	259
11/29/2025	14:30:00	7.4	3.357	11.2	842,421	Open	12.7	259
11/29/2025	14:45:00	7.4	1.548	20.3	842,455	Open	12.6	259
11/29/2025	15:00:00	7.3	3.145	13.6	842,494	Open	12.7	259
11/29/2025	15:15:00	7.3	3.081	14	842,536	Open	12.7	261
11/29/2025	15:30:00	7.3	3.081	7.9	842,579	Open	12.6	261
11/29/2025	15:45:00	7.3	3.062	12	842,621	Open	12.9	259
11/29/2025	16:00:00	7.4	2.964	5.2	842,662	Open	12.7	259
11/29/2025	16:15:00	7.4	2.597	6.7	842,681	Open	13	259
11/29/2025	16:30:00	7.4	1.942	32.1	842,725	Open	12.8	256
11/29/2025	16:45:00	7.5	1.904	6.6	842,757	Open	12.6	256
11/29/2025	17:00:00	7.4	3.164	7.8	842,804	Open	12.6	257
11/29/2025	17:15:00	7.4	3.251	8.2	842,853	Open	12.7	257
11/29/2025	17:30:00	7.4	1.597	5.7	842,898	Open	12.8	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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/29/2025	17:45:00	7.5	0.189	16.8	842,916	Closed	12.6	261
11/29/2025	18:00:00	7.4	3.172	16	842,932	Open	12.8	262
11/29/2025	18:15:00	7.3	3.043	6.1	842,977	Open	12.8	264
11/29/2025	18:30:00	7.4	3.085	11.8	843,024	Open	12.7	262
11/29/2025	18:45:00	7.3	3.115	11.7	843,070	Open	12.9	262
11/29/2025	19:00:00	7.3	3.062	12.5	843,116	Open	12.9	257
11/29/2025	19:15:00	7.4	0.129	19.5	843,152	Closed	13.4	257
11/29/2025	19:30:00	7.3	2.941	21.2	843,167	Closed	13.6	256
11/29/2025	19:45:00	7.3	3.066	20	843,211	Open	13.1	254
11/29/2025	20:00:00	7.3	3.062	14.9	843,239	Open	13.7	252
11/29/2025	20:15:00	7.3	3.054	14.6	843,270	Open	12.3	252
11/29/2025	20:30:00	7.3	3.024	14.7	843,316	Open	12.1	252
11/29/2025	20:45:00	7.3	3.013	9.8	843,357	Open	11.8	255
11/29/2025	21:00:00	7.3	3.032	11.5	843,398	Open	11.7	258
11/29/2025	21:15:00	7.3	3.096	11.5	843,417	Open	11.8	261
11/29/2025	21:30:00	7.2	3.077	10.3	843,459	Open	12	257
11/29/2025	21:45:00	7.3	0.000	10.2	843,495	Closed	12.4	257
11/29/2025	22:00:00	7.3	3.028	6.7	843,527	Open	12.7	256
11/29/2025	22:15:00	7.3	2.986	6.2	843,568	Open	12.9	254
11/29/2025	22:30:00	7.3	3.028	7.9	843,590	Open	13.5	256
11/29/2025	22:45:00	7.3	2.998	11.3	843,631	Open	13.2	256
11/29/2025	23:00:00	7.3	2.990	11.9	843,672	Open	13.2	256
11/29/2025	23:15:00	7.3	2.998	10.7	843,695	Open	13.4	254
11/29/2025	23:30:00	7.2	2.964	10.2	843,735	Open	13.5	254
11/29/2025	23:45:00	7.3	0.235	16	843,766	Open	13.7	254

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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/30/2025	0:00:00	7.2	3.047	18	843,794	Open	13.2	252
11/30/2025	0:15:00	7.3	3.039	18.9	843,836	Open	12.7	254
11/30/2025	0:30:00	7.3	2.945	6.3	843,877	Open	13.2	256
11/30/2025	0:45:00	7.3	1.684	10.6	843,912	Open	13.1	252
11/30/2025	1:00:00	7.3	3.096	4	843,954	Open	12.7	254
11/30/2025	1:15:00	7.3	3.002	3.1	843,997	Open	12.7	256
11/30/2025	1:30:00	7.2	2.979	3.6	844,038	Open	13	254
11/30/2025	1:45:00	7.2	3.058	3	844,059	Open	13.3	254
11/30/2025	2:00:00	7.2	3.092	2.4	844,101	Open	13.3	254
11/30/2025	2:15:00	7.2	3.028	4.7	844,144	Open	13.3	255
11/30/2025	2:30:00	7.2	3.020	6.5	844,185	Open	13.4	255
11/30/2025	2:45:00	7.2	3.282	6.3	844,227	Open	13.3	255
11/30/2025	3:00:00	7.2	3.032	5.3	844,270	Open	13.4	255
11/30/2025	3:15:00	7.2	2.983	2.2	844,311	Open	13.5	255
11/30/2025	3:30:00	7.2	3.024	4.2	844,333	Open	13.9	255
11/30/2025	3:45:00	7.2	2.986	3.1	844,374	Open	13.6	253
11/30/2025	4:00:00	7.3	3.081	2.2	844,416	Open	13.5	253
11/30/2025	4:15:00	7.3	3.077	3.5	844,458	Open	13.4	253
11/30/2025	4:30:00	7.3	3.002	3.2	844,500	Open	13.4	253
11/30/2025	4:45:00	7.3	3.017	2.2	844,534	Open	13.1	252
11/30/2025	5:00:00	7.3	3.009	3.7	844,575	Open	13	252
11/30/2025	5:15:00	7.3	3.051	3.2	844,598	Open	13.2	251
11/30/2025	5:30:00	7.3	2.990	3.3	844,640	Open	13.3	253
11/30/2025	5:45:00	7.3	3.009	7.4	844,661	Open	13.2	251
11/30/2025	6:00:00	7.3	3.013	3.9	844,703	Open	13	254

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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/30/2025	6:15:00	7.3	2.971	4.4	844,744	Open	12.9	252
11/30/2025	6:30:00	7.3	2.956	2.4	844,785	Open	12.8	252
11/30/2025	6:45:00	7.3	3.024	2.1	844,826	Open	12.5	251
11/30/2025	7:00:00	7.3	2.937	5	844,867	Open	12.3	252
11/30/2025	7:15:00	7.3	0.000	5.7	844,906	Closed	12.2	252
11/30/2025	7:30:00	7.3	3.130	5.4	844,918	Open	12.1	253
11/30/2025	7:45:00	7.3	3.293	6.1	844,964	Open	11.9	108
11/30/2025	8:00:00	7.3	3.176	5.2	845,013	Open	11.8	108
11/30/2025	8:15:00	7.3	0.288	4.5	845,058	Closed	11.9	110
11/30/2025	8:30:00	7.4	2.850	7.7	845,071	Open	11.8	108
11/30/2025	8:45:00	7.3	3.002	3.6	845,111	Open	11.7	109
11/30/2025	9:00:00	7.3	2.358	10.7	845,145	Closed	11.6	108
11/30/2025	9:15:00	7.3	2.941	5.3	845,175	Open	11.5	109
11/30/2025	9:30:00	7.3	0.212	3	845,208	Closed	11.7	109
11/30/2025	9:45:00	7.3	2.945	8.1	845,250	Open	11.3	109
11/30/2025	10:00:00	7.3	2.074	4.8	845,283	Open	11.6	109
11/30/2025	10:15:00	7.3	0.197	3.8	845,317	Closed	11.6	256
11/30/2025	10:30:00	7.3	2.044	6.6	845,345	Open	11.7	257
11/30/2025	10:45:00	7.3	3.028	4.2	845,385	Open	11.6	253
11/30/2025	11:00:00	7.3	2.010	4.4	845,420	Open	11.7	253
11/30/2025	11:15:00	7.3	0.844	2.5	845,438	Closed	11.8	255
11/30/2025	11:30:00	7.3	2.154	3.2	845,438	Closed	12	255
11/30/2025	11:45:00	7.3	3.017	2.7	845,468	Open	11.8	253
11/30/2025	12:00:00	7.4	2.192	11.3	845,507	Open	11.7	256
11/30/2025	12:15:00	7.4	2.986	6.8	845,525	Open	11.7	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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/30/2025	12:30:00	7.3	3.024	8.7	845,566	Open	11.8	257
11/30/2025	12:45:00	7.3	3.111	5.8	845,613	Open	11.7	257
11/30/2025	13:00:00	7.3	3.020	4.3	845,652	Open	11.8	255
11/30/2025	13:15:00	7.3	0.712	4.8	845,682	Closed	11.9	257
11/30/2025	13:30:00	7.3	3.066	22.1	845,703	Open	12	257
11/30/2025	13:45:00	7.3	2.945	4.2	845,729	Open	12	257
11/30/2025	14:00:00	7.4	2.937	15.4	845,764	Open	12.6	109
11/30/2025	14:15:00	-0.4	2.975	11.7	845,797	Open	13.8	108
11/30/2025	14:30:00	-0.4	1.991	11.4	845,834	Open	11.6	107
11/30/2025	14:45:00	-0.4	2.684	9	845,874	Open	11.6	107
11/30/2025	15:00:00	7.5	3.312	20.7	845,917	Open	11.6	108
11/30/2025	15:15:00	7.6	2.483	23.3	845,952	Open	11.6	253
11/30/2025	15:30:00	7.4	3.293	9.9	846,000	Open	11.8	257
11/30/2025	15:45:00	7.7	2.101	11.9	846,038	Open	12.2	255
11/30/2025	16:00:00	7.6	2.369	14	846,066	Open	12	109
11/30/2025	16:15:00	7.3	2.248	30.7	846,105	Open	11.7	255
11/30/2025	16:30:00	7.4	2.835	24	846,144	Open	11.6	253
11/30/2025	16:45:00	7.4	2.305	63.4	846,184	Open	11.6	254
11/30/2025	17:00:00	7.4	3.297	11.4	846,228	Open	11.7	110
11/30/2025	17:15:00	7.4	0.704	13.2	846,274	Closed	12	112
11/30/2025	17:30:00	7.4	3.107	14	846,296	Open	12.2	249
11/30/2025	17:45:00	7.3	2.021	23.5	846,326	Closed	12.4	252
11/30/2025	18:00:00	7.3	2.971	6.2	846,365	Open	12.5	113
11/30/2025	18:15:00	7.3	1.919	44.6	846,407	Open	13	251
11/30/2025	18:30:00	7.3	3.017	13.6	846,421	Open	13.2	251

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 24 ,2025 to November 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **December 18, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
11/30/2025	18:45:00	-0.4	1.896	7.3	846,463	Open	12.9	112
11/30/2025	19:00:00	7.4	0.326	16.5	846,501	Open	12.4	110
11/30/2025	19:15:00	7.3	2.226	11.1	846,532	Open	12	110
11/30/2025	19:30:00	7.3	2.101	7.9	846,573	Open	11.8	109
11/30/2025	19:45:00	7.3	0.288	7.4	846,612	Open	11.6	110
11/30/2025	20:00:00	7.3	2.165	11.3	846,642	Open	11.7	110
11/30/2025	20:15:00	7.3	3.028	9.9	846,687	Open	11.7	110
11/30/2025	20:30:00	7.3	0.314	7.9	846,721	Open	11.8	110
11/30/2025	20:45:00	7.3	3.039	9.4	846,751	Open	11.5	110
11/30/2025	21:00:00	7.3	3.054	7.4	846,791	Open	11.6	110
11/30/2025	21:15:00	7.3	0.333	9.6	846,823	Open	12.1	113
11/30/2025	21:30:00	7.3	3.058	6.8	846,858	Open	12.3	113
11/30/2025	21:45:00	7.3	3.149	7.6	846,904	Open	12.5	115
11/30/2025	22:00:00	7.4	3.145	8.2	846,946	Open	12.6	115
11/30/2025	22:15:00	7.3	3.062	10.8	846,992	Open	12.8	114
11/30/2025	22:30:00	7.3	3.039	6.2	847,032	Open	12.8	249
11/30/2025	22:45:00	7.3	3.020	8.9	847,077	Open	12.7	114
11/30/2025	23:00:00	7.4	2.578	9.4	847,112	Open	13.1	112
11/30/2025	23:15:00	7.4	3.043	12.1	847,158	Open	14	247
11/30/2025	23:30:00	7.4	3.020	7.5	847,198	Open	14.8	247
11/30/2025	23:45:00	7.3	0.371	8.2	847,226	Open	12.2	108

Appendix B: Photo

Photo 1: No visible sheen observed in the WTP water, November 24

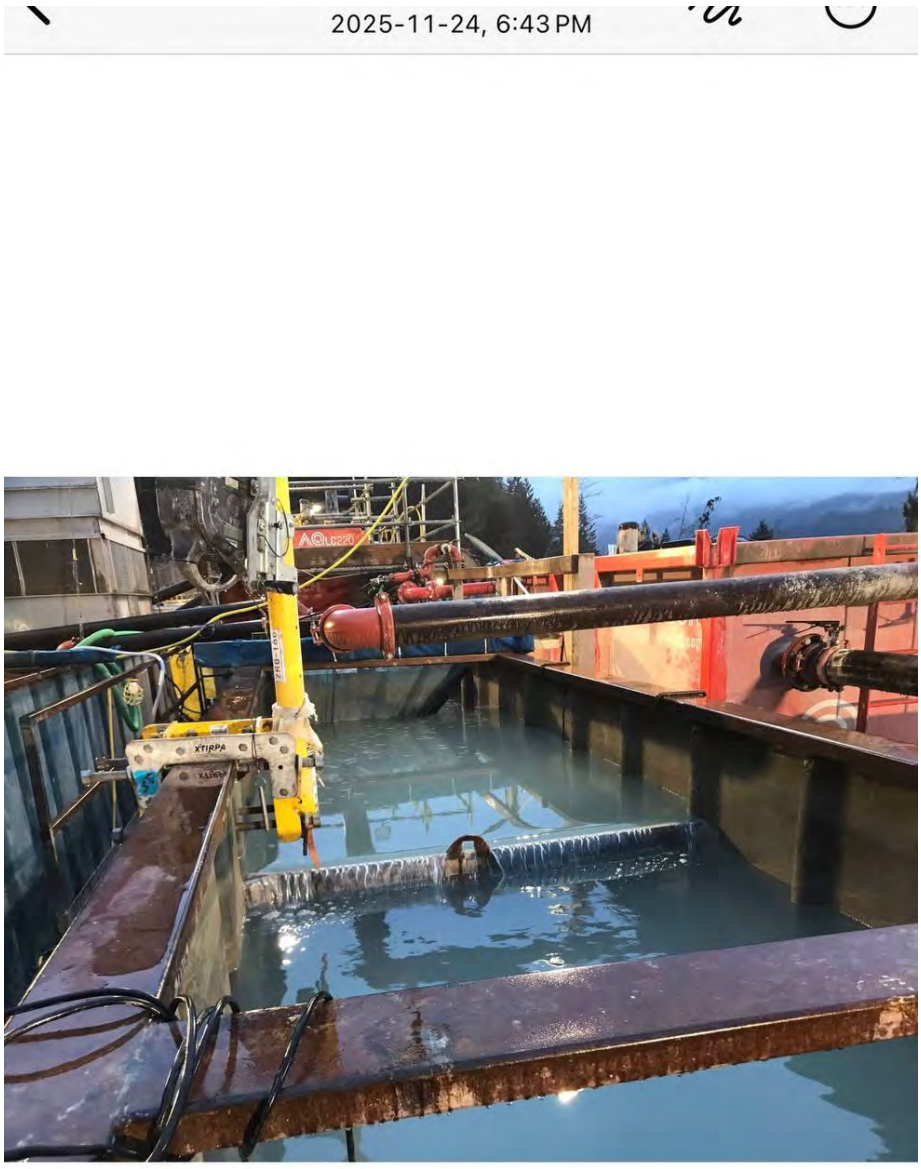


Photo 2: No visible sheen observed in the WTP water, November 25

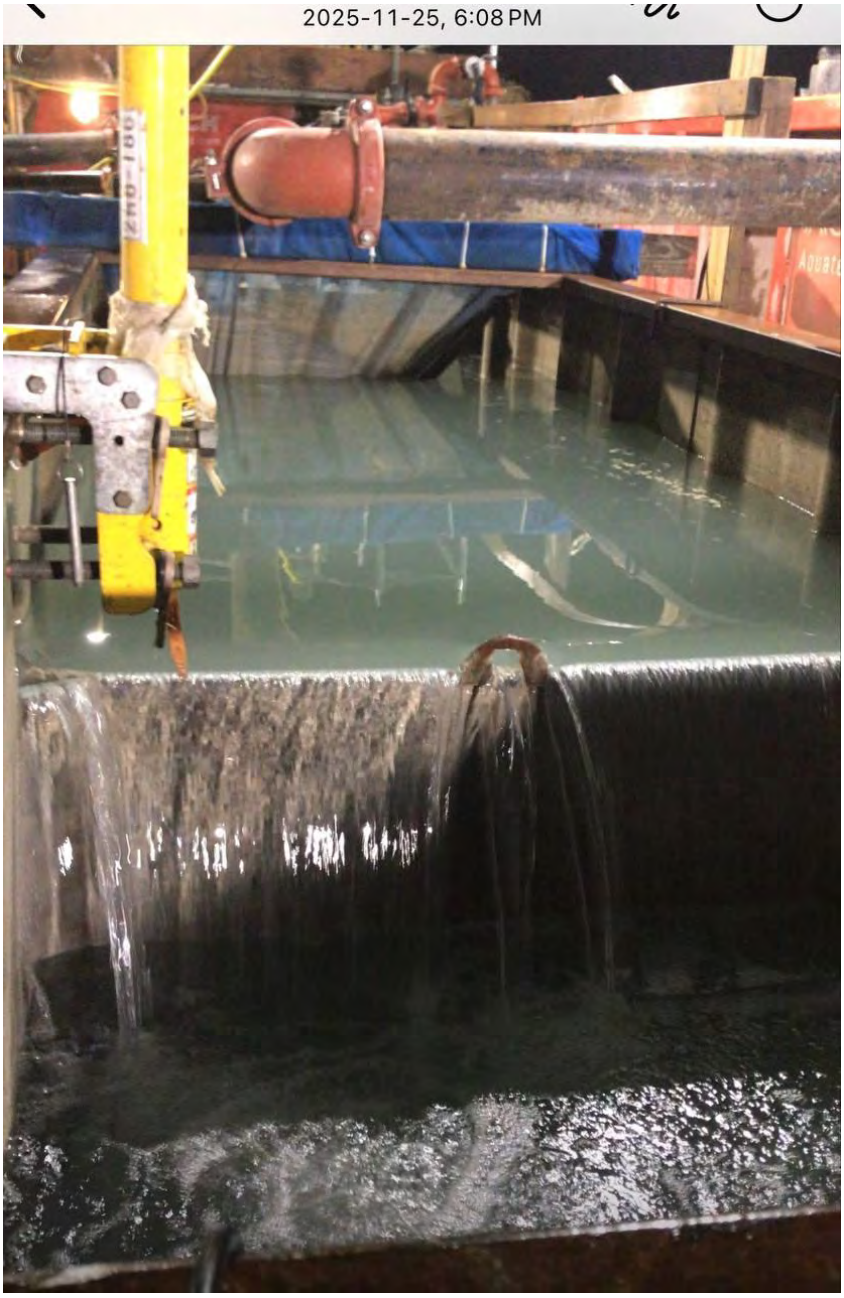


Photo 3: No visible sheen observed in the WTP water, November 26

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

Photo 5: No visible sheen observed in the WTP water, November 28

Photo 6: No visible sheen observed in the WTP water, November 29

Photo 7: No visible sheen observed in the WTP water, November 30

Water Quality Field Data Sheet

Project: FORTIS11234

Location Information

Site ID:	WLNG EOP	**Date:**	November 25, 2025
Site Name:	East Creek	**Time:**	9:22
Crew:	JM		
Weather:	Light Rain		

In Situ Parameters

pH:	6.89		DO:	11.65	(mg/L)
Temp.:	9.8	(°C)	Cond:	149	(us)
Turbidity:	6.75	NTU	Salinity:	-	(ppt)
			ORP:	282.4	(mV)

Visible Sheen: NA

Water Surface Condition: Clear

Photo Record

Photo

Observations

Appendix D: Woodfibre Site Receiving Environment Documentation

Woodfibre Site Receiving Environment Sample Analysis

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	**WLNG US 2025-11-25 10:21:00**	**WLNG DS 2025-11-25 11:41:00**
In situ Parameters									
Field pH	pH Units		6.5 - 9			7 - 8.7		**6.15**	**6.29**
Field Temperature	°C	18	19					7.3	8.1
General Parameters									
pH	pH Units							6.23	6.58
Alkalinity (Total as $CaCO_3$)	mg/L							5.1	12
Alkalinity (PP as $CaCO_3$)	mg/L							<1	<1
Hardness ($CaCO_3$)-Total	mg/L							4.73	13.5
Hardness ($CaCO_3$)-Dissolved	mg/L							5.37	13.5
Sulphide-Total	mg/L							<0.0018	<0.0018
Sulphide (as H_2S)	mg/L			0.002				<0.002	<0.002
Anions and Nutrients									
Ammonia (N)-Total	mg/L	1.86	25.7		29	191		<0.015	<0.015
Bicarbonate (HCO_3)	mg/L							6.2	15
Carbonate (CO_3)	mg/L							<1	<1
Hydroxide (OH)	mg/L							<1	<1
Nitrate (N)	mg/L	3	32.8		3.7			0.022	<0.02
Nitrite (N)	mg/L	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	mg/L							0.022	<0.02
Nitrogen (N)-Total	mg/L							0.066	0.069
Phosphorus (P)-Total (4500-P)	mg/L							0.03	0.019
Bromide (Br)	mg/L							<0.01	<0.01
Chloride (Cl)	mg/L	150	600					<1	<1
Fluoride (F)	mg/L		0.4			1.5		<0.05	<0.05
Sulphate (SO_4)-Dissolved	mg/L	128						<1	2.6
Total Metals									
Aluminum (Al)-Total	mg/L	0.019141						**0.0883**	**0.251**
Antimony (Sb)-Total	mg/L	0.074	0.25					0.000027	0.000075
Arsenic (As)-Total	mg/L	0.005			0.0125			0.000148	0.000329
Barium (Ba)-Total	mg/L			1				0.00257	0.00376
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	0.0000076	<0.000005
Calcium (Ca)-Total	mg/L							1.89	4.83
Cesium (Cs)-Total	mg/L							<0.00005	<0.00005
Chromium (Cr)-Total	mg/L							<0.0001	<0.0001
Chromium (Cr III)-Total	mg/L			0.0089			0.056	<0.00099	<0.00099
Chromium (Cr VI)-Total	mg/L			0.0025			0.0015	<0.00099	<0.00099
Cobalt (Co)-Total	mg/L							0.000031	0.000034
Copper (Cu)-Total	mg/L				0.002	0.003		0.00091	0.00073
Iron (Fe)-Total	mg/L		1					0.0278	0.0733
Lead (Pb)-Total	mg/L				0.002	0.14		0.000027	0.000042
Lithium (Li)-Total	mg/L							<0.0005	0.00054
Magnesium (Mg)-Total	mg/L							<0.25	0.34

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	**WLNG US 2025-11-25 10:21:00**	**WLNG DS 2025-11-25 11:41:00**
Total Metals (Cont'd.)									
Manganese (Mn)-Total	mg/L	0.626	0.592				0.1	0.00104	0.00515
Mercury (Hg)-Total	mg/L	0.00002			0.00002			0.000002	<0.0000019
Molybdenum (Mo)-Total	mg/L	7.6	46					0.000357	0.00485
Nickel (Ni)-Total	mg/L						0.0083	0.00026	0.00029
Phosphorus (P)-Total (ICPMS)	mg/L							0.0256	0.0207
Potassium (K)-Total	mg/L							<0.25	0.29
Rubidium (Rb)-Total	mg/L							0.000251	0.000623
Selenium (Se)-Total	mg/L	0.002			0.002			<0.00004	<0.00004
Silicon (Si)-Total	mg/L							3.65	4.22
Silver (Ag)-Total	mg/L	0.00012			0.0005	0.0037	0.0005	<0.00001	<0.00001
Sodium (Na)-Total	mg/L							1.2	1.75
Strontium (Sr)-Total	mg/L							0.00983	0.0147
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	0.0000039
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	0.0025
Uranium (U)-Total	mg/L		0.0165	0.0075				0.00014	0.000571
Vanadium (V)-Total	mg/L			0.06			0.005	<0.0002	<0.0002
Zinc (Zn)-Total	mg/L				0.01	0.055		0.0015	0.0023
Zirconium (Zr)-Total	mg/L							<0.0001	<0.0001
Dissolved Metals									
Aluminum (Al)-Dissolved	mg/L							0.0638	0.0604
Antimony (Sb)-Dissolved	mg/L							0.000024	0.000056
Arsenic (As)-Dissolved	mg/L							0.000138	0.000306
Barium (Ba)-Dissolved	mg/L							0.00212	0.00273
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	0.000022	0.000038					<0.000005	<0.000005
Calcium (Ca)-Dissolved	mg/L							1.77	4.88
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						0.000024	0.0000248
Copper (Cu)-Dissolved	mg/L	0.0002	0.000235					**0.000728**	**0.000517**
Iron (Fe)-Dissolved	mg/L		0.35					0.0146	0.0111
Lead (Pb)-Dissolved	mg/L	0.001616						0.0000121	0.0000062
Lithium (Li)-Dissolved	mg/L							<0.0005	0.00056
Manganese (Mn)-Dissolved	mg/L							0.000678	0.00393
Magnesium (Mg)-Dissolved	mg/L							0.23	0.329
Mercury (Hg)-Dissolved	mg/L							0.0000021	0.000002
Molybdenum (Mo)-Dissolved	mg/L							0.000317	0.00496
Nickel (Ni)-Dissolved	mg/L	0.0007	0.0107					0.000202	0.000186

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	**WLNG US 2025-11-25 10:21:00**	**WLNG DS 2025-11-25 11:41:00**
Dissolved Metals (Cont'd.)									
Phosphorus (P)-Dissolved	mg/L							0.024	0.0102
Potassium (K)-Dissolved	mg/L							0.152	0.267
Rubidium (Rb)-Dissolved	mg/L							0.000194	0.00054
Selenium (Se)-Dissolved	mg/L							<0.00004	<0.00004
Silicon (Si)-Dissolved	mg/L							3.3	3.9
Silver (Ag)-Dissolved	mg/L							<0.000005	<0.000005
Sodium (Na)-Dissolved	mg/L							1.1	1.7
Strontium (Sr)-Dissolved	mg/L			1.25				0.0091	0.0141
Sulphur (S)-Dissolved	mg/L							<3	<3
Tellurium (Te)-Dissolved	mg/L							<0.00002	<0.00002
Thallium (Tl)-Dissolved	mg/L							<0.000002	0.0000028
Thorium (Th)-Dissolved	mg/L							<0.000005	<0.000005
Tin (Sn)-Dissolved	mg/L							<0.0002	<0.0002
Titanium (Ti)-Dissolved	mg/L							<0.0005	<0.0005
Uranium (U)-Dissolved	mg/L							0.000129	0.000307
Vanadium (V)-Dissolved	mg/L							<0.0002	<0.0002
Zinc (Zn)-Dissolved	mg/L	0.006524	0.008787					0.0016	0.00121
Zirconium (Zr)-Dissolved	mg/L							<0.0001	<0.0001
Inorganics									
Organic Carbon (C)-Total	mg/L							2.1	1.8
Organic Carbon (C)-Dissolved	mg/L							2.2	1.9
Solids-Total Dissolved	mg/L							28	24
Solids-Total Suspended	mg/L	6	26					<1	**9.6**

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

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

[3]**Bold text** denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per [1] and [2] above. Given that application of chronic BC water quality guidelines for protection of aquatic life in the receiving environment downstream of the discharge does not represent a regulatory requirement and instead data are intended to be assessed relative to monthly average concentrations, exceedances of these guidelines are highlighted for information purposes, but detailed interpretation of guideline exceedances are not provided given that an interpretation of monthly trends and consideration of background influences and discharge chemistry is required.

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

Woodfibre Site Receiving Environment Field Notes and Logs

Woodfibre LNG (East Creek)								
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**	**Salinity (PSU)**
EAS-DS	2025-11-24 00:00:00	8.869	58.902	0.423	7.380	11.178	14.330	0.027
EAS-DS	2025-11-24 01:00:00	9.019	64.395	0.424	7.436	11.095	13.760	0.029
EAS-DS	2025-11-24 02:00:00	8.747	58.905	0.419	7.430	11.225	13.372	0.027
EAS-DS	2025-11-24 03:00:00	8.615	50.430	0.421	7.418	11.038	13.782	0.022
EAS-DS	2025-11-24 04:00:00	8.677	62.443	0.419	7.437	11.233	16.102	0.028
EAS-DS	2025-11-24 05:00:00	8.750	66.186	0.420	7.446	11.186	15.208	0.030
EAS-DS	2025-11-24 06:00:00	8.578	63.585	0.420	7.397	11.295	14.385	0.029
EAS-DS	2025-11-24 07:00:00	8.754	68.327	0.423	7.391	11.182	16.077	0.031
EAS-DS	2025-11-24 08:00:00	8.536	51.765	0.422	7.391	11.138	14.496	0.023
EAS-DS	2025-11-24 09:00:00	8.681	67.377	0.425	7.432	11.251	14.763	0.031
EAS-DS	2025-11-24 10:00:00	8.498	60.423	0.425	7.351	11.365	16.777	0.027
EAS-DS	2025-11-24 11:00:00	8.805	65.113	0.425	7.457	11.158	18.139	0.030
EAS-DS	2025-11-24 12:00:00	8.554	59.811	0.422	7.471	11.297	16.105	0.027
EAS-DS	2025-11-24 13:00:00	8.695	59.050	0.427	7.424	11.209	17.845	0.027
EAS-DS	2025-11-24 14:00:00	8.872	69.073	0.421	7.412	11.219	15.480	0.031
EAS-DS	2025-11-24 15:00:00	8.612	58.421	0.424	7.431	11.204	20.374	0.026
EAS-DS	2025-11-24 16:00:00	8.534	55.846	0.423	7.370	11.242	16.619	0.025
EAS-DS	2025-11-24 17:00:00	8.696	65.441	0.424	7.440	11.172	15.694	0.030
EAS-DS	2025-11-24 18:00:00	8.302	54.141	0.421	7.431	11.401	16.274	0.024
EAS-DS	2025-11-24 19:00:00	8.473	58.264	0.423	7.430	11.248	15.563	0.026
EAS-DS	2025-11-24 20:00:00	8.664	67.905	0.419	7.457	11.218	15.409	0.031
EAS-DS	2025-11-24 21:00:00	8.555	65.883	0.423	7.464	11.297	15.391	0.030
EAS-DS	2025-11-24 22:00:00	8.316	55.281	0.425	7.306	11.368	15.101	0.025
EAS-DS	2025-11-24 23:00:00	8.259	47.543	0.426	7.405	11.188	16.529	0.021
EAS-DS	2025-11-25 00:00:00	8.498	69.309	0.424	7.437	11.291	16.841	0.032
EAS-DS	2025-11-25 01:00:00	8.451	66.811	0.432	7.253	11.288	18.287	0.030
EAS-DS	2025-11-25 02:00:00	8.453	69.302	0.422	7.409	11.299	18.049	0.031
EAS-DS	2025-11-25 03:00:00	8.339	58.010	0.425	7.316	11.275	16.888	0.026
EAS-DS	2025-11-25 04:00:00	7.996	53.199	0.423	7.420	11.443	16.812	0.024
EAS-DS	2025-11-25 05:00:00	7.830	44.034	0.427	7.295	11.403	17.246	0.019
EAS-DS	2025-11-25 06:00:00	8.479	70.967	0.422	7.438	11.225	17.247	0.032
EAS-DS	2025-11-25 07:00:00	7.841	48.981	0.427	7.380	11.379	17.471	0.022
EAS-DS	2025-11-25 08:00:00	8.185	58.953	0.422	7.333	11.358	18.756	0.027
EAS-DS	2025-11-25 09:00:00							
EAS-DS	2025-11-25 10:00:00		33.734		7.457	11.373	3.110	0.014
EAS-DS	2025-11-25 11:00:00	8.458	68.237	0.407	7.546	11.285	2.262	0.031
EAS-DS	2025-11-25 12:00:00	8.340	64.649	0.409	7.538	11.336	0.686	0.029
EAS-DS	2025-11-25 13:00:00							
EAS-DS	2025-11-25 14:00:00							
EAS-DS	2025-11-25 15:00:00							
EAS-DS	2025-11-25 16:00:00							
EAS-DS	2025-11-25 17:00:00							
EAS-DS	2025-11-25 18:00:00							
EAS-DS	2025-11-25 19:00:00	8.562	76.268	0.412	7.551	11.259	14.294	0.035
EAS-DS	2025-11-25 20:00:00							
EAS-DS	2025-11-25 21:00:00							
EAS-DS	2025-11-25 22:00:00							
EAS-DS	2025-11-25 23:00:00							
EAS-DS	2025-11-26 00:00:00							
EAS-DS	2025-11-26 01:00:00	8.572	74.975	0.404	7.592	11.277	39.830	0.034
EAS-DS	2025-11-26 02:00:00	7.404	20.638	0.406	7.175	11.561	21.265	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-DS	2025-11-26 03:00:00							
EAS-DS	2025-11-26 04:00:00							
EAS-DS	2025-11-26 05:00:00	8.572	77.172	0.406	7.576	11.293	58.686	0.035
EAS-DS	2025-11-26 06:00:00							
EAS-DS	2025-11-26 07:00:00	7.936	57.147	0.420	7.229	11.663	30.635	0.026
EAS-DS	2025-11-26 08:00:00							
EAS-DS	2025-11-26 09:00:00							
EAS-DS	2025-11-26 10:00:00							
EAS-DS	2025-11-26 11:00:00		78.485		7.596	11.285	27.829	0.036
EAS-DS	2025-11-26 12:00:00							
EAS-DS	2025-11-26 13:00:00	8.696	63.420	0.402	7.590	11.259	21.033	0.029
EAS-DS	2025-11-26 14:00:00	8.841	68.289	0.403	7.585	11.232	12.735	0.031
EAS-DS	2025-11-26 15:00:00	9.015	79.357	0.406	7.622	11.194	22.713	0.036
EAS-DS	2025-11-26 16:00:00							
EAS-DS	2025-11-26 17:00:00							
EAS-DS	2025-11-26 18:00:00	8.820	75.559	0.404	7.611	11.234	13.481	0.035
EAS-DS	2025-11-26 19:00:00	8.602	60.889	0.401	7.642	11.225	21.096	0.027
EAS-DS	2025-11-26 20:00:00	8.282	51.830	0.397	7.492	11.352	27.612	0.023
EAS-DS	2025-11-26 21:00:00							
EAS-DS	2025-11-26 22:00:00							
EAS-DS	2025-11-26 23:00:00	8.334	61.967	0.407	7.384	11.480	16.242	0.028
EAS-DS	2025-11-27 00:00:00	8.277	41.123	0.401	7.600	11.204	18.028	0.018
EAS-DS	2025-11-27 01:00:00	8.909	82.364	0.404	7.613	11.188	29.432	0.038
EAS-DS	2025-11-27 02:00:00							
EAS-DS	2025-11-27 03:00:00	8.961	84.866	0.399	7.657	11.145	37.305	0.039
EAS-DS	2025-11-27 04:00:00	8.948	85.117	0.400	7.637	11.118	30.588	0.039
EAS-DS	2025-11-27 05:00:00	8.950	84.519	0.404	7.632	11.122	22.372	0.039
EAS-DS	2025-11-27 06:00:00	8.600	67.174	0.399	7.609	11.146	22.631	0.030
EAS-DS	2025-11-27 07:00:00	7.896	27.650	0.399	7.428	11.272	22.440	0.012
EAS-DS	2025-11-27 08:00:00							
EAS-DS	2025-11-27 09:00:00	8.741	78.090	0.403	7.635	11.110	25.753	0.036
EAS-DS	2025-11-27 10:00:00							
EAS-DS	2025-11-27 11:00:00		84.800		7.650	11.126	36.262	0.039
EAS-DS	2025-11-27 12:00:00							
EAS-DS	2025-11-27 13:00:00							
EAS-DS	2025-11-27 14:00:00	8.765	76.957	0.402	7.634	11.176	26.159	0.035
EAS-DS	2025-11-27 15:00:00							
EAS-DS	2025-11-27 16:00:00							
EAS-DS	2025-11-27 17:00:00	8.795	77.675	0.397	7.635	11.129	15.934	0.036
EAS-DS	2025-11-27 18:00:00	8.958	82.325	0.396	7.677	11.092	24.608	0.038
EAS-DS	2025-11-27 19:00:00	8.956	82.977	0.400	7.660	11.046	22.390	0.038
EAS-DS	2025-11-27 20:00:00	9.004	82.612	0.399	7.663	11.050	23.847	0.038
EAS-DS	2025-11-27 21:00:00							
EAS-DS	2025-11-27 22:00:00	8.976	82.414	0.402	7.633	11.109	30.967	0.038
EAS-DS	2025-11-27 23:00:00	9.034	83.121	0.395	7.662	11.056	28.122	0.038
EAS-DS	2025-11-28 00:00:00	9.062	83.858	0.395	7.673	11.081	37.774	0.039
EAS-DS	2025-11-28 01:00:00	9.011	80.512	0.399	7.650	11.091	39.959	0.037
EAS-DS	2025-11-28 02:00:00	8.476	52.968	0.395	7.648	11.088	42.464	0.024
EAS-DS	2025-11-28 03:00:00	8.762	74.730	0.396	7.657	11.132	58.718	0.034
EAS-DS	2025-11-28 04:00:00	8.465	66.927	0.396	7.593	11.229	53.898	0.030
EAS-DS	2025-11-28 05:00:00	8.644	77.534	0.397	7.659	11.177	35.842	0.035

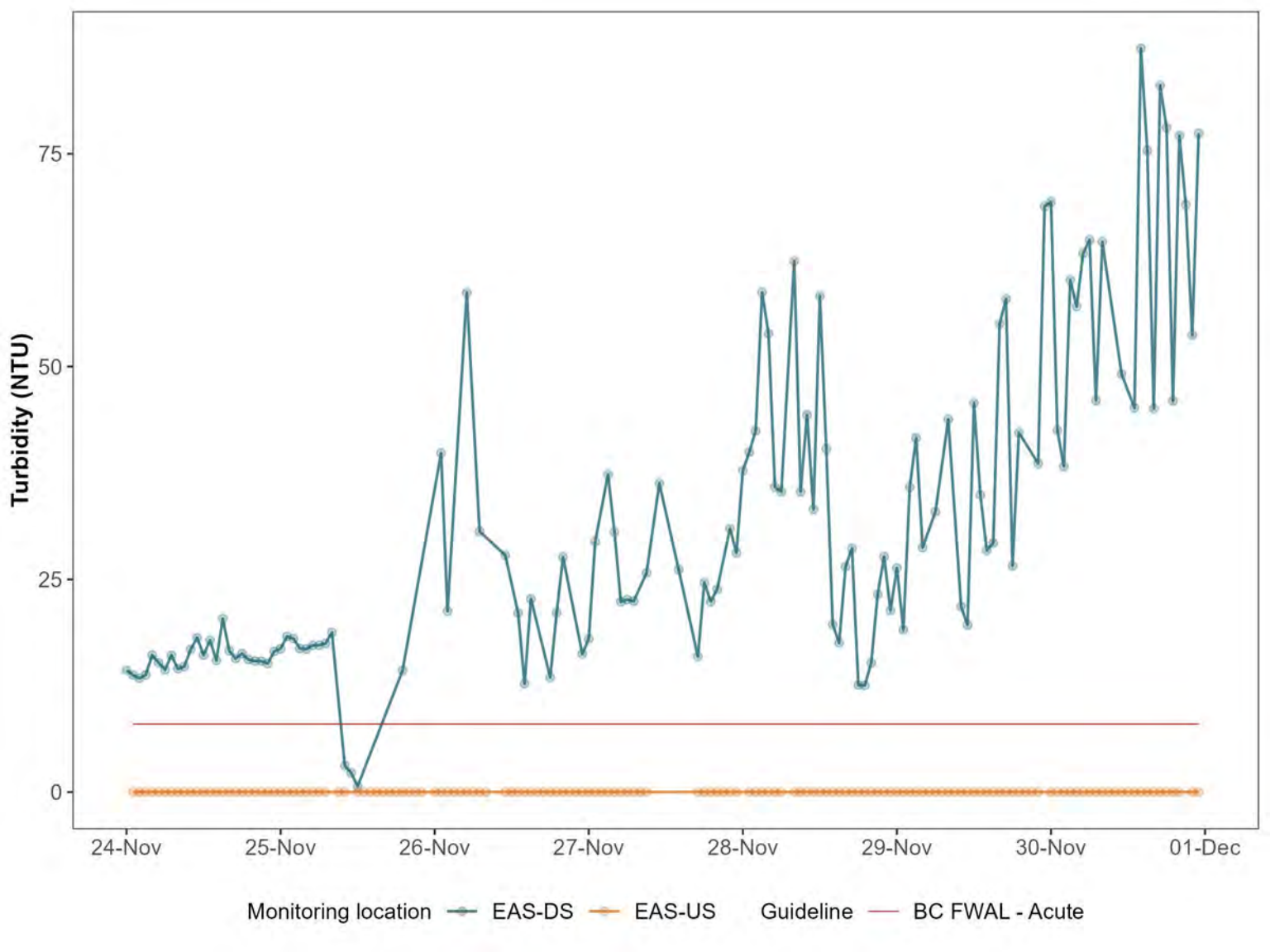
Woodfibre LNG (East Creek)								
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**	**Salinity (PSU)**
EAS-DS	2025-11-28 06:00:00	7.749	30.369	0.395	7.479	11.299	35.294	0.013
EAS-DS	2025-11-28 07:00:00							
EAS-DS	2025-11-28 08:00:00	8.479	79.669	0.402	7.629	11.257	62.396	0.036
EAS-DS	2025-11-28 09:00:00	8.524	82.775	0.400	7.657	11.276	35.307	0.038
EAS-DS	2025-11-28 10:00:00	8.684	86.697	0.400	7.681	11.232	44.327	0.040
EAS-DS	2025-11-28 11:00:00	7.938	31.540	0.400	7.524	11.328	33.234	0.013
EAS-DS	2025-11-28 12:00:00	9.045	87.076	0.399	7.718	11.130	58.265	0.040
EAS-DS	2025-11-28 13:00:00	9.218	88.734	0.400	7.753	11.081	40.337	0.041
EAS-DS	2025-11-28 14:00:00	9.131	86.337	0.402	7.679	11.159	19.690	0.040
EAS-DS	2025-11-28 15:00:00	8.731	63.779	0.386	7.594	11.161	17.549	0.029
EAS-DS	2025-11-28 16:00:00	9.214	57.417	0.374	7.710	11.168	26.485	0.026
EAS-DS	2025-11-28 17:00:00		54.355		7.667	11.179	28.647	0.024
EAS-DS	2025-11-28 18:00:00		82.820		7.720	11.211	12.583	0.038
EAS-DS	2025-11-28 19:00:00	9.042	89.501	0.386	7.679	11.201	12.545	0.041
EAS-DS	2025-11-28 20:00:00	9.066	79.218	0.387	7.719	11.201	15.176	0.036
EAS-DS	2025-11-28 21:00:00	8.120	46.420	0.390	7.302	11.523	23.223	0.020
EAS-DS	2025-11-28 22:00:00	8.943	62.956	0.387	7.696	11.207	27.669	0.028
EAS-DS	2025-11-28 23:00:00	9.009	84.478	0.387	7.694	11.188	21.330	0.039
EAS-DS	2025-11-29 00:00:00		55.406		7.289	11.450	26.333	0.025
EAS-DS	2025-11-29 01:00:00	9.060	86.294	0.386	7.724	11.136	19.067	0.040
EAS-DS	2025-11-29 02:00:00	8.973	63.049	0.383	7.746	11.098	35.832	0.029
EAS-DS	2025-11-29 03:00:00	8.956	64.811	0.385	7.712	11.141	41.616	0.029
EAS-DS	2025-11-29 04:00:00	8.953	92.087	0.384	7.746	11.150	28.744	0.042
EAS-DS	2025-11-29 05:00:00							
EAS-DS	2025-11-29 06:00:00	8.879	76.314	0.384	7.737	11.183	32.951	0.035
EAS-DS	2025-11-29 07:00:00							
EAS-DS	2025-11-29 08:00:00	8.393	52.081	0.391	7.641	11.299	43.791	0.023
EAS-DS	2025-11-29 09:00:00							
EAS-DS	2025-11-29 10:00:00	7.251	24.720	0.386	7.404	11.267	21.807	0.010
EAS-DS	2025-11-29 11:00:00	8.813	91.470	0.386	7.758	11.134	19.630	0.042
EAS-DS	2025-11-29 12:00:00	9.025	62.536	0.384	7.748	11.138	45.700	0.028
EAS-DS	2025-11-29 13:00:00	9.090	104.443	0.386	7.762	11.121	34.905	0.048
EAS-DS	2025-11-29 14:00:00	9.200	105.116	0.381	7.795	11.107	28.422	0.049
EAS-DS	2025-11-29 15:00:00	9.068	98.110	0.386	7.746	11.112	29.282	0.045
EAS-DS	2025-11-29 16:00:00		63.522		7.789	11.136	55.028	0.029
EAS-DS	2025-11-29 17:00:00	8.942	61.362	0.386	7.755	11.145	57.942	0.028
EAS-DS	2025-11-29 18:00:00	7.538	45.659	0.391	7.572	11.416	26.592	0.020
EAS-DS	2025-11-29 19:00:00	8.896	67.402	0.385	7.755	11.155	42.244	0.031
EAS-DS	2025-11-29 20:00:00							
EAS-DS	2025-11-29 21:00:00							
EAS-DS	2025-11-29 22:00:00	8.610	76.097	0.390	7.692	11.282	38.619	0.035
EAS-DS	2025-11-29 23:00:00	8.728	62.385	0.389	7.705	11.250	68.810	0.028
EAS-DS	2025-11-30 00:00:00	8.514	59.909	0.393	7.666	11.330	69.344	0.027
EAS-DS	2025-11-30 01:00:00	8.660	73.700	0.390	7.707	11.261	42.510	0.034
EAS-DS	2025-11-30 02:00:00	8.627	81.259	0.393	7.719	11.264	38.277	0.037
EAS-DS	2025-11-30 03:00:00	8.622	68.496	0.389	7.720	11.287	60.175	0.031
EAS-DS	2025-11-30 04:00:00	8.592	68.922	0.388	7.742	11.295	57.058	0.031
EAS-DS	2025-11-30 05:00:00	8.559	62.194	0.390	7.709	11.302	63.302	0.028
EAS-DS	2025-11-30 06:00:00	8.461	61.122	0.389	7.734	11.325	64.867	0.028
EAS-DS	2025-11-30 07:00:00	8.439	74.045	0.392	7.725	11.330	46.011	0.034
EAS-DS	2025-11-30 08:00:00	8.513	74.869	0.390	7.762	11.315	64.658	0.034

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	2025-11-30 09:00:00							
EAS-DS	2025-11-30 10:00:00							
EAS-DS	2025-11-30 11:00:00	8.239	80.625	0.389	7.735	11.278	49.109	0.037
EAS-DS	2025-11-30 12:00:00							
EAS-DS	2025-11-30 13:00:00	8.711	71.814	0.393	7.687	11.230	45.157	0.033
EAS-DS	2025-11-30 14:00:00	8.682	66.025	0.396	7.711	11.360	87.386	0.030
EAS-DS	2025-11-30 15:00:00	8.976	62.572	0.393	7.698	11.181	75.387	0.028
EAS-DS	2025-11-30 16:00:00	8.497	73.615	0.393	7.737	11.228	45.072	0.034
EAS-DS	2025-11-30 17:00:00	8.980	69.241	0.395	7.755	11.162	83.037	0.032
EAS-DS	2025-11-30 18:00:00	8.763	58.660	0.392	7.757	11.212	78.073	0.026
EAS-DS	2025-11-30 19:00:00	8.718	77.366	0.393	7.657	11.205	45.965	0.035
EAS-DS	2025-11-30 20:00:00	8.578	59.799	0.397	7.751	11.281	77.123	0.027
EAS-DS	2025-11-30 21:00:00	8.609	75.982	0.398	7.705	11.288	69.003	0.035
EAS-DS	2025-11-30 22:00:00	8.577	83.280	0.394	7.774	11.292	53.675	0.038
EAS-DS	2025-11-30 23:00:00	8.460	55.962	0.395	7.645	11.354	77.420	0.025
EAS-US	2025-11-24 00:00:00	8.024	19.951	0.390	6.859	11.417	0.606	0.008
EAS-US	2025-11-24 01:00:00	7.972	19.830	0.395	6.898	11.440	0.000	0.008
EAS-US	2025-11-24 02:00:00	7.881	19.664	0.401	6.841	11.449	0.000	0.008
EAS-US	2025-11-24 03:00:00	7.743	19.485	0.398	6.912	11.502	0.000	0.008
EAS-US	2025-11-24 04:00:00	7.662	19.376	0.404	6.846	11.540	0.000	0.008
EAS-US	2025-11-24 05:00:00	7.614	19.250	0.401	6.901	11.562	0.000	0.008
EAS-US	2025-11-24 06:00:00	7.527	19.135	0.400	6.847	11.599	0.000	0.008
EAS-US	2025-11-24 07:00:00	7.509	19.022	0.393	6.884	11.609	0.000	0.007
EAS-US	2025-11-24 08:00:00	7.519	18.920	0.403	6.795	11.626	0.000	0.007
EAS-US	2025-11-24 09:00:00	7.507	18.793	0.397	6.807	11.644	0.000	0.007
EAS-US	2025-11-24 10:00:00	7.615	18.728	0.398	6.731	11.608	0.000	0.007
EAS-US	2025-11-24 11:00:00	7.729	18.640	0.388	6.893	11.593	0.000	0.007
EAS-US	2025-11-24 12:00:00	7.774	18.539	0.392	6.855	11.582	0.000	0.007
EAS-US	2025-11-24 13:00:00	7.760	18.511	0.391	6.843	11.598	0.000	0.007
EAS-US	2025-11-24 14:00:00	7.732	18.746	0.387	6.862	11.598	0.000	0.007
EAS-US	2025-11-24 15:00:00	7.704	18.938	0.382	6.939	11.597	0.000	0.007
EAS-US	2025-11-24 16:00:00	7.670	18.923	0.396	6.865	11.607	0.000	0.007
EAS-US	2025-11-24 17:00:00	7.626	19.189	0.402	6.898	11.623	0.000	0.008
EAS-US	2025-11-24 18:00:00	7.597	19.376	0.404	6.872	11.643	0.000	0.008
EAS-US	2025-11-24 19:00:00	7.539	19.306	0.398	6.960	11.646	0.000	0.008
EAS-US	2025-11-24 20:00:00	7.505	19.231	0.405	6.796	11.653	0.000	0.008
EAS-US	2025-11-24 21:00:00			0.392	6.946	11.693	0.000	
EAS-US	2025-11-24 22:00:00	7.373	19.075	0.395	6.870	11.716	0.000	0.007
EAS-US	2025-11-24 23:00:00	7.308	18.984	0.391	6.860	11.717	0.000	0.007
EAS-US	2025-11-25 00:00:00	7.247	18.873	0.402	6.734	11.731	0.000	0.007
EAS-US	2025-11-25 01:00:00	7.224	18.776	0.397	6.872	11.739	0.000	0.007
EAS-US	2025-11-25 02:00:00	7.239	18.676	0.401	6.835	11.742	0.000	0.007
EAS-US	2025-11-25 03:00:00	7.227	18.601	0.398	6.788	11.737	0.000	0.007
EAS-US	2025-11-25 04:00:00			0.396	6.844	11.741	0.000	
EAS-US	2025-11-25 05:00:00	7.201	18.463	0.391	6.877	11.752	0.000	0.007
EAS-US	2025-11-25 06:00:00	7.198	18.403	0.395	6.794	11.740	0.000	0.007
EAS-US	2025-11-25 07:00:00	7.186	18.370	0.393	6.822	11.722	0.000	0.007
EAS-US	2025-11-25 08:00:00							
EAS-US	2025-11-25 09:00:00	7.202	18.228	0.390	6.880	11.724	0.000	0.007
EAS-US	2025-11-25 10:00:00	7.235	18.354	0.388	6.868	11.714	0.000	0.007
EAS-US	2025-11-25 11:00:00	7.255	18.278	0.379	6.937	11.712	0.636	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	2025-11-25 12:00:00	7.278	18.843	0.377	6.886	11.698	0.000	0.007
EAS-US	2025-11-25 13:00:00	7.319	19.177	0.373	6.931	11.678	0.000	0.008
EAS-US	2025-11-25 14:00:00	7.340	19.670	0.379	6.879	11.659	0.000	0.008
EAS-US	2025-11-25 15:00:00	7.333	20.516	0.379	6.861	11.657	0.000	0.008
EAS-US	2025-11-25 16:00:00	7.298	21.342	0.378	6.922	11.660	0.000	0.009
EAS-US	2025-11-25 17:00:00	7.269	21.640	0.371	7.013	11.666	0.000	0.009
EAS-US	2025-11-25 18:00:00	7.264	21.317	0.376	6.949	11.658	0.000	0.009
EAS-US	2025-11-25 19:00:00	7.256	20.899	0.372	6.985	11.659	0.000	0.008
EAS-US	2025-11-25 20:00:00	7.256	20.695	0.374	6.943	11.654	0.000	0.008
EAS-US	2025-11-25 21:00:00	7.252	20.206	0.371	6.986	11.661	0.000	0.008
EAS-US	2025-11-25 22:00:00	7.252	20.012	0.377	6.897	11.642	0.000	0.008
EAS-US	2025-11-25 23:00:00							
EAS-US	2025-11-26 00:00:00	7.241	20.407	0.374	6.922	11.656	0.000	0.008
EAS-US	2025-11-26 01:00:00	7.230	20.949	0.370	7.009	11.671	0.000	0.008
EAS-US	2025-11-26 02:00:00	7.230	21.812	0.375	6.920	11.677	0.000	0.009
EAS-US	2025-11-26 03:00:00	7.221	22.035	0.375	6.932	11.689	0.000	0.009
EAS-US	2025-11-26 04:00:00	7.225	22.499	0.373	6.957	11.691	0.000	0.009
EAS-US	2025-11-26 05:00:00	7.221	22.522	0.369	7.036	11.691	0.000	0.009
EAS-US	2025-11-26 06:00:00	7.240	22.224	0.373	6.967	11.688	0.000	0.009
EAS-US	2025-11-26 07:00:00	7.245	21.775	0.369	7.015	11.677	0.000	0.009
EAS-US	2025-11-26 08:00:00	7.256	21.099	0.373	6.943	11.682	0.000	0.008
EAS-US	2025-11-26 09:00:00	7.275	20.575	0.370	6.999	11.697	0.300	0.008
EAS-US	2025-11-26 10:00:00	7.352	20.181	0.376	6.903	11.683	0.492	0.008
EAS-US	2025-11-26 11:00:00	7.445	19.833	0.369	6.982	11.652	0.000	0.008
EAS-US	2025-11-26 12:00:00	7.563	19.449	0.373	6.929	11.644	0.000	0.008
EAS-US	2025-11-26 13:00:00	7.684	19.264	0.369	6.965	11.606	0.000	0.008
EAS-US	2025-11-26 14:00:00	7.782	19.110	0.374	6.886	11.557	0.000	0.007
EAS-US	2025-11-26 15:00:00	7.806	19.015	0.369	6.968	11.555	0.000	0.007
EAS-US	2025-11-26 16:00:00	7.798	18.996	0.373	6.883	11.533	0.000	0.007
EAS-US	2025-11-26 17:00:00	7.699	18.951	0.370	6.953	11.547	0.000	0.007
EAS-US	2025-11-26 18:00:00	7.616	18.980	0.375	6.883	11.574	0.000	0.007
EAS-US	2025-11-26 19:00:00	7.528	18.967	0.371	6.922	11.597	0.000	0.007
EAS-US	2025-11-26 20:00:00	7.482	18.938	0.377	6.847	11.611	0.000	0.007
EAS-US	2025-11-26 21:00:00	7.445	18.886	0.370	6.949	11.624	0.000	0.007
EAS-US	2025-11-26 22:00:00	7.438	18.872	0.376	6.867	11.629	0.000	0.007
EAS-US	2025-11-26 23:00:00	7.434	18.812	0.373	6.927	11.622	0.000	0.007
EAS-US	2025-11-27 00:00:00	7.433	18.788	0.375	6.855	11.611	0.000	0.007
EAS-US	2025-11-27 01:00:00	7.445	18.749	0.372	6.926	11.602	0.000	0.007
EAS-US	2025-11-27 02:00:00	7.451	18.751	0.377	6.854	11.600	0.000	0.007
EAS-US	2025-11-27 03:00:00	7.447	19.044	0.375	6.921	11.589	0.000	0.007
EAS-US	2025-11-27 04:00:00	7.429	20.178	0.375	6.943	11.592	0.000	0.008
EAS-US	2025-11-27 05:00:00	7.432	20.556	0.367	7.044	11.577	0.000	0.008
EAS-US	2025-11-27 06:00:00	7.430	20.486	0.376	6.891	11.574	0.000	0.008
EAS-US	2025-11-27 07:00:00	7.424	20.997	0.367	7.029	11.559	0.000	0.008
EAS-US	2025-11-27 08:00:00	7.414	21.903	0.371	6.959	11.565	0.000	0.009
EAS-US	2025-11-27 09:00:00	7.391	24.981	0.361	7.133	11.585	0.000	0.010
EAS-US	2025-11-27 10:00:00	7.380	29.877	0.360	7.151	11.601	2.100	0.013
EAS-US	2025-11-27 11:00:00	7.410	36.927	0.349	7.320	11.592	2.006	0.016
EAS-US	2025-11-27 12:00:00	7.469	37.874	0.351	7.265	11.572	2.517	0.016
EAS-US	2025-11-27 13:00:00	7.523	34.334	0.350	7.267	11.545	3.101	0.015
EAS-US	2025-11-27 14:00:00	7.567	32.409	0.353	7.211	11.536	1.564	0.014

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	2025-11-27 15:00:00	7.625	32.012	0.351	7.249	11.506	0.793	0.014
EAS-US	2025-11-27 16:00:00	7.645	30.894	0.356	7.175	11.488	1.881	0.013
EAS-US	2025-11-27 17:00:00	7.623	29.154	0.352	7.211	11.492	0.000	0.012
EAS-US	2025-11-27 18:00:00	7.612	26.979	0.362	7.068	11.492	0.000	0.011
EAS-US	2025-11-27 19:00:00	7.614	25.252	0.357	7.133	11.482	0.000	0.010
EAS-US	2025-11-27 20:00:00	7.606	23.928	0.363	7.058	11.492	0.000	0.010
EAS-US	2025-11-27 21:00:00	7.612	22.971	0.361	7.078	11.500	0.000	0.009
EAS-US	2025-11-27 22:00:00	7.619	22.303	0.368	6.971	11.491	0.000	0.009
EAS-US	2025-11-27 23:00:00	7.611	21.755	0.361	7.063	11.488	0.000	0.009
EAS-US	2025-11-28 00:00:00	7.622	20.375	0.365	7.002	11.501	1.746	0.008
EAS-US	2025-11-28 01:00:00	7.619	21.051	0.362	7.035	11.500	0.000	0.008
EAS-US	2025-11-28 02:00:00	7.518	20.827	0.370	6.930	11.525	0.000	0.008
EAS-US	2025-11-28 03:00:00	7.396	20.540	0.364	7.024	11.578	0.000	0.008
EAS-US	2025-11-28 04:00:00	7.289	20.238	0.371	6.916	11.592	0.000	0.008
EAS-US	2025-11-28 05:00:00	7.184	20.174	0.369	6.942	11.629	0.000	0.008
EAS-US	2025-11-28 06:00:00	7.071	19.991	0.370	6.908	11.669	0.000	0.008
EAS-US	2025-11-28 07:00:00	6.976	19.970	0.367	6.961	11.710	0.781	0.008
EAS-US	2025-11-28 08:00:00	6.900	19.829	0.372	6.865	11.752	0.000	0.008
EAS-US	2025-11-28 09:00:00	6.861	19.790	0.365	6.989	11.776	0.000	0.008
EAS-US	2025-11-28 10:00:00	7.028	19.679	0.372	6.895	11.735	0.000	0.008
EAS-US	2025-11-28 11:00:00	7.199	19.461	0.368	6.937	11.710	0.000	0.008
EAS-US	2025-11-28 12:00:00	7.374	19.287	0.374	6.880	11.657	0.000	0.008
EAS-US	2025-11-28 13:00:00	7.502	19.131	0.366	6.995	11.610	0.000	0.007
EAS-US	2025-11-28 14:00:00	7.565	18.985	0.310	6.908	11.612	0.000	0.007
EAS-US	2025-11-28 15:00:00	7.596	18.976	0.313	6.855	11.588	0.000	0.007
EAS-US	2025-11-28 16:00:00	7.526	19.052	0.303	6.865	11.600	0.000	0.007
EAS-US	2025-11-28 17:00:00	7.408	19.185	0.309	6.878	11.636	0.000	0.008
EAS-US	2025-11-28 18:00:00	7.321	19.192	0.306	6.882	11.656	0.000	0.008
EAS-US	2025-11-28 19:00:00	7.288	19.132	0.312	6.860	11.661	0.000	0.007
EAS-US	2025-11-28 20:00:00	7.245	19.129	0.307	6.882	11.682	0.000	0.007
EAS-US	2025-11-28 21:00:00	7.192	19.140	0.318	6.851	11.678	0.000	0.007
EAS-US	2025-11-28 22:00:00	7.136	19.089	0.311	6.837	11.697	0.000	0.007
EAS-US	2025-11-28 23:00:00	7.109	19.107	0.314	6.886	11.697	0.000	0.007
EAS-US	2025-11-29 00:00:00	7.062	19.079	0.312	6.820	11.709	0.000	0.007
EAS-US	2025-11-29 01:00:00	6.970	19.081	0.313	6.886	11.727	0.000	0.007
EAS-US	2025-11-29 02:00:00	6.837	19.077	0.311	6.879	11.769	0.000	0.007
EAS-US	2025-11-29 03:00:00	6.729	19.069	0.314	6.890	11.799	0.000	0.007
EAS-US	2025-11-29 04:00:00	6.684	19.055	0.310	6.842	11.807	0.000	0.007
EAS-US	2025-11-29 05:00:00	6.621	19.049	0.320	6.810	11.839	0.000	0.007
EAS-US	2025-11-29 06:00:00	6.581	19.040	0.313	6.892	11.845	0.000	0.007
EAS-US	2025-11-29 07:00:00	6.535	19.030	0.326	6.805	11.853	0.000	0.007
EAS-US	2025-11-29 08:00:00	6.497	19.008	0.326	6.836	11.848	0.000	0.007
EAS-US	2025-11-29 09:00:00	6.524	18.958	0.330	6.802	11.828	0.000	0.007
EAS-US	2025-11-29 10:00:00	6.612	18.924	0.322	6.859	11.842	0.000	0.007
EAS-US	2025-11-29 11:00:00	6.690	18.914	0.335	6.795	11.800	0.000	0.007
EAS-US	2025-11-29 12:00:00	6.742	18.916	0.325	6.827	11.795	0.000	0.007
EAS-US	2025-11-29 13:00:00	6.837	18.867	0.327	6.918	11.768	0.000	0.007
EAS-US	2025-11-29 14:00:00	6.889	18.818	0.332	6.783	11.747	0.000	0.007
EAS-US	2025-11-29 15:00:00	6.860	18.830	0.343	6.819	11.737	0.000	0.007
EAS-US	2025-11-29 16:00:00	6.751	18.827	0.333	6.866	11.758	0.000	0.007
EAS-US	2025-11-29 17:00:00	6.628	18.822	0.336	6.871	11.781	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	2025-11-29 18:00:00	6.532	18.819	0.338	6.823	11.818	0.000	0.007
EAS-US	2025-11-29 19:00:00	6.451	18.855	0.339	6.859	11.844	0.000	0.007
EAS-US	2025-11-29 20:00:00	6.346	18.835	0.338	6.804	11.889	0.000	0.007
EAS-US	2025-11-29 21:00:00			0.345	6.790	11.909	0.000	
EAS-US	2025-11-29 22:00:00	6.227	18.778	0.342	6.822	11.921	0.000	0.007
EAS-US	2025-11-29 23:00:00	6.173	18.741	0.348	6.808	11.943	0.590	0.007
EAS-US	2025-11-30 00:00:00	6.097	18.697	0.345	6.823	11.968	0.000	0.007
EAS-US	2025-11-30 01:00:00	6.030	18.661	0.349	6.842	11.998	0.000	0.007
EAS-US	2025-11-30 02:00:00	5.981	18.573	0.346	6.836	12.019	0.000	0.007
EAS-US	2025-11-30 03:00:00	5.919	18.589	0.349	6.846	12.035	0.000	0.007
EAS-US	2025-11-30 04:00:00			0.350	6.799	12.068	0.000	
EAS-US	2025-11-30 05:00:00	5.824	18.499	0.358	6.749	12.061	0.000	0.007
EAS-US	2025-11-30 06:00:00	5.755	18.478	0.354	6.786	12.094	0.000	0.007
EAS-US	2025-11-30 07:00:00	5.717	18.460	0.349	6.947	12.112	0.000	0.007
EAS-US	2025-11-30 08:00:00	5.678	18.441	0.352	6.834	12.129	0.000	0.007
EAS-US	2025-11-30 09:00:00	5.702	18.434	0.356	6.850	12.153	0.000	0.007
EAS-US	2025-11-30 10:00:00			0.354	6.822	12.149	0.000	
EAS-US	2025-11-30 11:00:00	5.895	18.828	0.354	6.867	12.102	0.000	0.007
EAS-US	2025-11-30 12:00:00	6.042	18.814	0.349	6.860	12.063	0.000	0.007
EAS-US	2025-11-30 13:00:00	6.192	18.827	0.351	6.907	12.029	0.000	0.007
EAS-US	2025-11-30 14:00:00	6.266	18.768	0.351	6.865	11.982	0.000	0.007
EAS-US	2025-11-30 15:00:00	6.330	18.681	0.357	6.819	11.942	0.000	0.007
EAS-US	2025-11-30 16:00:00			0.351	6.879	11.940	0.000	
EAS-US	2025-11-30 17:00:00	6.265	18.736	0.358	6.804	11.958	0.000	0.007
EAS-US	2025-11-30 18:00:00	6.179	18.756	0.354	6.796	11.987	0.000	0.007
EAS-US	2025-11-30 19:00:00	6.073	18.788	0.356	6.853	12.015	0.000	0.007
EAS-US	2025-11-30 20:00:00	5.962	18.768	0.354	6.851	12.049	0.000	0.007
EAS-US	2025-11-30 21:00:00	5.914	18.748	0.360	6.806	12.066	1.676	0.007
EAS-US	2025-11-30 22:00:00			0.356	6.822	12.094	0.000	
EAS-US	2025-11-30 23:00:00	5.869	18.698	0.353	6.902	12.075	0.000	0.007


Turbidity (NTU)
75
50
25
0
24-Nov
25-Nov
26-Nov
27-Nov
28-Nov
29-Nov
30-Nov
01-Dec
Monitoring location
EAS-DS
EAS-US
Guideline
BC FWAL - Acute

Water Quality Field Data Sheet

Project: FORTIS11234

Location Information

Site ID:	WLNG (EAS) DS	**Date:**	November 25, 2025
Site Name:	East Creek	**Time:**	8:53
Site UTM: Zone:	E:	**Crew:**	JM
(NAD83)	N:	**Weather:**	Light Rain

In Situ Parameters

pH:	6.29		DO:	12.41	(mg/L)
Temp.:	8.1	(°C)	Cond:	70.7	(us)
Turbidity:	3.49	NTU	Salinity:	-	(ppt)
Visible Sheen:	N		ORP:	295.7	(mV)

Water Surface Condition: Clear

Photo Record

Photo

Observations

Water Quality Field Data Sheet

Project: FORTIS11234

Location Information

Site ID:	WLNG (EAS) US	**Date:**	November 25, 2025
Site Name:	East Creek	**Time:**	8:30
Site UTM: Zone:	E:	**Crew:**	JM
(NAD83)	N:	**Weather:**	Light Rain

In Situ Parameters

pH:	6.15		DO:	12.57	(mg/L)
Temp.:	7.3	(°C)	Cond:	29.7	(us)
Turbidity:	0	NTU	Salinity:	-	(ppt)
Visible Sheen:	None		ORP:	271.5	
Water Surface Condition:	Clear				

Photo Record

Photo

Observations

Appendix E: Lab Documentation

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 119086

Attention: Saeesh Mangwani

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

Report Date: 2025/12/09
Report #: R3740969
Version: 5 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C596497
Received: 2025/11/25, 16:46

Sample Matrix: Water
Samples Received: 11

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity @25C (pp, total), CO3,HCO3,OH	9	N/A	2025/11/26	BBY6SOP-00026	SM 24 2320 B m
Chloride/Sulphate by Auto Colourimetry	9	N/A	2025/11/26	BBY6SOP-00011 / BBY6SOP-00017	SM24-4500-Cl/SO4-E m
Chloride/Sulphate by Auto Colourimetry	2	N/A	2025/12/03	BBY6SOP-00011 / BBY6SOP-00017	SM24-4500-Cl/SO4-E m
Chromium III (Calc'd)	9	N/A	2025/11/28		
Total Hexavalent Chromium	9	N/A	2025/11/26	BBY6SOP-00054	SM 24 3500-Cr B m
Carbon (DOC) -Lab Filtered (2)	9	N/A	2025/11/26	BBY6SOP-00053	SM 24 5310 B m
Fluoride	1	N/A	2025/11/26	BBY6SOP-00037	SM 24 4500-F C m
Fluoride	8	N/A	2025/11/29	BBY6SOP-00037	SM 24 4500-F C m
Glycols in Water by GC/FID (1)	3	N/A	2025/11/27	CAL SOP-00093	BCMOE Glycols 09/17
Sulphide (as H2S) (1)	1	N/A	2025/11/27		Auto Calc
Sulphide (as H2S) (1)	8	N/A	2025/11/28		Auto Calc
Un-ionized Hydrogen Sulphide as S Calc	1	N/A	2025/11/27	BBY WI-00033	Auto Calc
Un-ionized Hydrogen Sulphide as S Calc	6	N/A	2025/11/28	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (3)	9	N/A	2025/11/28	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3)	1	N/A	2025/11/27	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3)	8	N/A	2025/11/28	BBY WI-00033	Auto Calc
Mercury (Dissolved) by CV-Lab Filtered	1	2025/11/27	2025/11/27	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Dissolved) by CV-Lab Filtered	1	2025/11/27	2025/12/02	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Dissolved) by CV-Lab Filtered	7	2025/12/01	2025/12/02	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Total) by CV	7	2025/11/27	2025/11/27	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Total) by CV	2	2025/11/28	2025/11/28	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Bromide as Bromine (Br) by ICPMS	8	N/A	2025/11/27	BBY7SOP-00002	EPA 6020B R2 m
Bromide as Bromine (Br) by ICPMS	1	N/A	2025/12/01	BBY7SOP-00002	EPA 6020B R2 m
EPH in Water when PAH required	3	2025/11/26	2025/11/26	BBY8SOP-00029	BCMOE BCLM Sep2017 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	1	N/A	2025/11/27	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	8	N/A	2025/11/28	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (lab filter) (4)	9	N/A	2025/11/27	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Digested LL (total)	7	2025/11/27	2025/11/27	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 119086

Attention: Saeesh Mangwani

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

Report Date: 2025/12/09
Report #: R3740969
Version: 5 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C596497
Received: 2025/11/25, 16:46

Sample Matrix: Water
Samples Received: 11

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Na, K, Ca, Mg, S by CRC ICPMS (total)	9	N/A	2025/11/28	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (total)	1	N/A	2025/12/05	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (total)	1	N/A	2025/12/08	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total)	2	N/A	2025/11/27	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Low Level (total)	2	N/A	2025/12/05	BBY7SOP-00002	EPA 6020b R2 m
Nitrogen (Total)	1	N/A	2025/11/26	BBY6SOP-00016	SM 24 4500-N C m
Nitrogen (Total)	8	N/A	2025/11/28	BBY6SOP-00016	SM 24 4500-N C m
Ammonia-N (Total)	9	N/A	2025/11/27	AB SOP-00007	SM 24 4500 NH3 A G m
Nitrate + Nitrite (N)	9	N/A	2025/11/26	BBY6SOP-00010	SM 24 4500-NO3- H m
Nitrite (N) Regular Level Water	9	N/A	2025/11/26	BBY6SOP-00010	SM 24 4500-NO2- m
Nitrogen - Nitrate (as N)	9	N/A	2025/11/27	BBY WI-00033	Auto Calc
PAH in Water by GC/MS (SIM)	3	2025/11/26	2025/11/27	BBY8SOP-00021	BCMOE BCLM Jul2017m
Total LMW, HMW, Total PAH Calc (5)	3	N/A	2025/11/27	BBY WI-00033	Auto Calc
pH @25°C (6)	9	N/A	2025/11/26	BBY6SOP-00026	SM 24 4500-H+ B m
Phenols (4-AAP) (1)	3	N/A	2025/11/27	AB SOP-00088	EPA 9066 R0 m
Rainbow Trout LC50 Multi-concentration	2	N/A	2025/11/27	BBY2SOP-00004	EPS1/RM/13(2nd)&RM/9
Total Sulphide (1)	1	2025/11/27	2025/11/27	AB SOP-00080	SM 24 4500 S2-A D Fm
Total Sulphide (1)	8	2025/11/28	2025/11/28	AB SOP-00080	SM 24 4500 S2-A D Fm
Total Dissolved Solids (Filt. Residue)	9	2025/11/26	2025/11/27	BBY6SOP-00033	SM 24 2540 C m
EPH less PAH in Water by GC/FID (7)	3	N/A	2025/11/27	BBY WI-00033	Auto Calc
Carbon (Total Organic) (8)	1	N/A	2025/11/26	BBY6SOP-00053	SM 24 5310 B m
Carbon (Total Organic) (8)	8	N/A	2025/11/28	BBY6SOP-00053	SM 24 5310 B m
Total Phosphorus Low Level Total	9	2025/11/26	2025/11/27	BBY6SOP-00013	SM 24 4500-P E m
Total Suspended Solids (NFR)	6	2025/11/26	2025/11/27	BBY6SOP-00034	SM 24 2540 D m
Total Suspended Solids (NFR)	3	2025/11/27	2025/11/28	BBY6SOP-00034	SM 24 2540 D m
Field pH	1	N/A	2025/11/26	Field Test	Field Test
Field pH	6	N/A	2025/11/27	Field Test	Field Test
Field Temperature	1	N/A	2025/11/26	Field Test	Field Test
Field Temperature	6	N/A	2025/11/27	Field Test	Field Test

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 119086

Attention: Saeesh Mangwani

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

Report Date: 2025/12/09
Report #: R3740969
Version: 5 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C596497
Received: 2025/11/25, 16:46

Sample Matrix: Water
Samples Received: 11

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
VOCs, VH, F1, LH in Water by HS GC/MS	1	N/A	2025/11/27	BBY8SOP-00009 / BBY8SOP-00011 / BBY8SOP-00012	BCMOE BCLM Jul2017 m
VOCs, VH, F1, LH in Water by HS GC/MS	2	N/A	2025/11/28	BBY8SOP-00009 / BBY8SOP-00011 / BBY8SOP-00012	BCMOE BCLM Jul2017 m
Volatile HC-BTEX (9)	1	N/A	2025/11/27	BBY WI-00033	Auto Calc
Volatile HC-BTEX (9)	2	N/A	2025/12/01	BBY WI-00033	Auto Calc

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

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

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

Reference Method suffix “m” indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.
(1) This test was performed by Bureau Veritas Calgary, 4000 - 19 St. , Calgary, AB, T2E 6P8
(2) DOC present in the sample should be considered as non-purgeable DOC. Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.
(3) "Total Hardness" was calculated from Total Ca and Mg concentrations and may be biased high (Hardness, or Dissolved Hardness, calculated from Dissolved Ca and Mg, should be

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 119086

Attention: Saeesh Mangwani

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

Report Date: 2025/12/09
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Version: 5 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C596497

Received: 2025/11/25, 16:46

used for compliance if available).
(4) Samples were filtered and preserved at the lab. Values may not reflect concentrations at the time of sampling.
For Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.
(5) Total PAHs in Water include: Quinoline, Naphthalene, 1-Methylnaphthalene, 2-Methylnaphthalene, Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Acridine, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b&j)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, and Benzo(g,h,i)perylene.
(6) The CCME method requires pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the CCME holding time. Bureau Veritas endeavours to analyze samples as soon as possible after receipt.
(7) LEPH = EPH (C10 to C19) - (Acenaphthene + Acridine + Anthracene + Fluorene + Naphthalene + Phenanthrene)
HEPH = EPH (C19 to C32) - (Benzo(a)anthracene + Benzo(a)pyrene + Fluoranthene + Pyrene)
(8) TOC present in the sample should be considered as non-purgeable TOC.
(9) VPH = VH - (Benzene + Toluene + Ethylbenzene + m & p-Xylene + o-Xylene + Styrene)

Encryption Key

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

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

Bureau Veritas Job #: C596497
Report Date: 2025/12/09

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		DXO853			DXO853			DXO854		
Sampling Date		2025/11/25			2025/11/25			2025/11/25		
COC Number		119086			119086			119086		
	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	C175924				ND	0.0050	C175924
Calculated Parameters										
Total Chromium III	mg/L	ND	0.00099	C175620				ND	0.00099	C175620
Dissolved Hardness (CaCO3)	mg/L	13.5	0.50	C175412				58.7	0.50	C175412
Total Hardness (CaCO3)	mg/L	13.5	0.50	C175098				60.4	0.50	C175098
Nitrate (N)	mg/L	ND	0.020	C175308				ND	0.020	C175308
Sulphide (as H2S)	mg/L	ND	0.0020	C175610				ND	0.0020	C175610
Field Parameters										
Field pH	pH	6.29	N/A	ONSITE				6.89	N/A	ONSITE
Field Temperature	°C	8.1	N/A	ONSITE				9.8	N/A	ONSITE
Misc. Inorganics										
pH	pH	6.58	N/A	C175804				6.85	N/A	C175804
Total Organic Carbon (C)	mg/L	1.8	0.50	C178052				0.69	0.50	C178052
Total Dissolved Solids	mg/L	24	10	C175873				100	10	C175873
Total Suspended Solids	mg/L	9.6	1.0	C175829				14	1.0	C176728
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	1.9	0.50	C175319				0.63	0.50	C175319
Anions										
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	C175795				ND	1.0	C175795
Alkalinity (Total as CaCO3)	mg/L	12	1.0	C175795				53	1.0	C175795
Bicarbonate (HCO3)	mg/L	15	1.0	C175795				65	1.0	C175795
Carbonate (CO3)	mg/L	ND	1.0	C175795				ND	1.0	C175795
Fluoride (F)	mg/L	ND	0.050	C178639				0.28	0.050	C178639
Hydroxide (OH)	mg/L	ND	1.0	C175795				ND	1.0	C175795
Total Sulphide	mg/L	ND	0.0018	C177760	ND	0.0018	C177760	ND	0.0018	C177760
Chloride (Cl)	mg/L	ND	1.0	C175903				7.5	1.0	C175903
Sulphate (SO4)	mg/L	2.6	1.0	C175903				11	1.0	C175903
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	C175887	ND	0.00099	C175887	ND	0.00099	C175887

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

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

Bureau Veritas Job #: C596497
Report Date: 2025/12/09

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		DXO853			DXO853			DXO854		
Sampling Date		2025/11/25			2025/11/25			2025/11/25		
COC Number		119086			119086			119086		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	RDL	QC Batch
Nutrients										
Total Ammonia (N)	mg/L	ND	0.015	C175921				ND	0.015	C175921
Total Phosphorus (P)	mg/L	0.019	0.0010	C175162				0.0048	0.0010	C175162
Nitrate plus Nitrite (N)	mg/L	ND	0.020	C175918				ND	0.020	C175918
Total Nitrogen (N)	mg/L	0.069	0.020	C176940				0.073	0.020	C176940
Misc. Organics										
Phenols	mg/L							ND	0.0015	C177179
Rainbow Trout										
LC50	% vol/vol							ATTACHED	N/A	C177472

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Bureau Veritas Job #: C596497
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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		DXO855		DXO856		DXO857			DXO857		
Sampling Date		2025/11/25		2025/11/25		2025/11/25			2025/11/25		
COC Number		119086		119086		119086			119086		
	UNITS	WLNG-US	QC Batch	SQRI-US	QC Batch	SQRI-DS	RDL	QC Batch	SQRI-DS Lab-Dup	RDL	QC Batch
ANIONS											
Nitrite (N)	mg/L	ND	C175924	ND	C175924	ND	0.0050	C175924			
Calculated Parameters											
Total Chromium III	mg/L	ND	C175620	ND	C175620	ND	0.00099	C175620			
Dissolved Hardness (CaCO3)	mg/L	5.37	C175412	16.4	C175412	16.5	0.50	C175412			
Total Hardness (CaCO3)	mg/L	4.73	C175098	17.0	C175098	17.7	0.50	C175098			
Nitrate (N)	mg/L	0.022	C175308	0.121	C175308	0.094	0.020	C175308			
Sulphide (as H2S)	mg/L	ND	C175610	ND	C175110	ND	0.0020	C175110			
Field Parameters											
Field pH	pH	6.15	ONSITE	7.27	ONSITE	7.71	N/A	ONSITE			
Field Temperature	°C	7.3	ONSITE	5.6	ONSITE	5.8	N/A	ONSITE			
Misc. Inorganics											
pH	pH	6.23	C175804	6.26	C175804	6.35	N/A	C175804			
Total Organic Carbon (C)	mg/L	2.1	C178052	1.9	C178052	1.9	0.50	C178052			
Total Dissolved Solids	mg/L	28	C175873	36	C175873	36	10	C175873			
Total Suspended Solids	mg/L	ND	C176728	6.4	C176728	5.6	1.0	C175829			
Lab Filtered Inorganics											
Dissolved Organic Carbon (C)	mg/L	2.2	C175319	1.8	C175319	1.9	0.50	C175319			
Anions											
Alkalinity (PP as CaCO3)	mg/L	ND	C175795	ND	C175795	ND	1.0	C175795			
Alkalinity (Total as CaCO3)	mg/L	5.1	C175795	15	C175795	15	1.0	C175795			
Bicarbonate (HCO3)	mg/L	6.2	C175795	19	C175795	18	1.0	C175795			
Carbonate (CO3)	mg/L	ND	C175795	ND	C175795	ND	1.0	C175795			
Fluoride (F)	mg/L	ND	C178639	ND	C178639	ND	0.050	C178639			
Hydroxide (OH)	mg/L	ND	C175795	ND	C175795	ND	1.0	C175795			
Total Sulphide	mg/L	ND	C177760	ND	C177760	ND	0.0018	C177760			
Chloride (Cl)	mg/L	ND	C175903	1.0	C175903	2.4	1.0	C175911	2.4	1.0	C175911
Sulphate (SO4)	mg/L	ND	C175903	4.1	C175903	4.0	1.0	C175911	4.0	1.0	C175911
Metals											
Total Hex. Chromium (Cr 6+)	mg/L	ND	C175887	ND	C175887	ND	0.00099	C175887			

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

Bureau Veritas Job #: C596497
Report Date: 2025/12/09

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		DXO855		DXO856		DXO857			DXO857		
Sampling Date		2025/11/25		2025/11/25		2025/11/25			2025/11/25		
COC Number		119086		119086		119086			119086		
	UNITS	WLNG-US	QC Batch	SQRI-US	QC Batch	SQRI-DS	RDL	QC Batch	SQRI-DS Lab-Dup	RDL	QC Batch
Nutrients											
Total Ammonia (N)	mg/L	ND	C175921	0.027	C175921	0.020	0.015	C175921			
Total Phosphorus (P)	mg/L	0.030	C175162	0.028	C175162	0.022	0.0010	C175162			
Nitrate plus Nitrite (N)	mg/L	0.022	C175918	0.121	C175918	0.094	0.020	C175918			
Total Nitrogen (N)	mg/L	0.066	C176940	0.203	C176940	0.157	0.020	C176940			

RDL = Reportable Detection Limit
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Report Date: 2025/12/09

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		DXO858			DXO859			DXO859		
Sampling Date		2025/11/25			2025/11/25			2025/11/25		
COC Number		119086			119086			119086		
	UNITS	BCR-EOP	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	0.151	0.0050	C175924	ND	0.0050	C175924			
Calculated Parameters										
Total Chromium III	mg/L	ND	0.00099	C175620	ND	0.00099	C175620			
Dissolved Hardness (CaCO3)	mg/L	491	0.50	C175412	ND	0.50	C175412			
Total Hardness (CaCO3)	mg/L	535	0.50	C175098	ND	0.50	C175098			
Nitrate (N)	mg/L	0.558	0.020	C175308	ND	0.020	C175308			
Sulphide (as H2S)	mg/L	ND	0.0020	C175110	ND	0.0020	C175110			
Field Parameters										
Field pH	pH	7.04	N/A	ONSITE						
Field Temperature	°C	8.3	N/A	ONSITE						
Misc. Inorganics										
pH	pH	6.86	N/A	C175804	5.60	N/A	C175804			
Total Organic Carbon (C)	mg/L	5.1	0.50	C175351	ND	0.50	C178052			
Total Dissolved Solids	mg/L	4200	10	C175873	ND	10	C175873			
Total Suspended Solids	mg/L	3.6	1.0	C175829	ND	1.0	C175829	ND	1.0	C175829
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	4.6	0.50	C175319	ND	0.50	C175319			
Anions										
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	C175795	ND	1.0	C175795			
Alkalinity (Total as CaCO3)	mg/L	50	1.0	C175795	ND	1.0	C175795			
Bicarbonate (HCO3)	mg/L	60	1.0	C175795	ND	1.0	C175795			
Carbonate (CO3)	mg/L	ND	1.0	C175795	ND	1.0	C175795			
Fluoride (F)	mg/L	0.18	0.050	C176269	ND	0.050	C178645			
Hydroxide (OH)	mg/L	ND	1.0	C175795	ND	1.0	C175795			
Total Sulphide	mg/L	ND	0.0018	C175088	ND	0.0018	C177760			
Chloride (Cl)	mg/L	2400	25	C175911	ND	1.0	C175911			
Sulphate (SO4)	mg/L	210	5.0	C175911	ND	1.0	C175911			
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	C175887	ND	0.00099	C175887			

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 #: C596497
Report Date: 2025/12/09

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		DXO858			DXO859			DXO859		
Sampling Date		2025/11/25			2025/11/25			2025/11/25		
COC Number		119086			119086			119086		
	UNITS	BCR-EOP	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
Nutrients										
Total Ammonia (N)	mg/L	4.0	0.075	C175921	ND	0.015	C175921			
Total Phosphorus (P)	mg/L	0.044	0.0010	C175162	0.0011	0.0010	C175162			
Nitrate plus Nitrite (N)	mg/L	0.709	0.020	C175918	ND	0.020	C175918			
Total Nitrogen (N)	mg/L	5.46	0.10	C175313	ND	0.020	C176940			
Misc. Organics										
Phenols	mg/L	ND	0.0015	C177179						
Rainbow Trout										
LC50	% vol/vol	ATTACHED	N/A	C177472						

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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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		DXO860			DXO860			DXO861		
Sampling Date		2025/11/25			2025/11/25			2025/11/25		
COC Number		119086			119086			119086		
	UNITS	Trip Blank	RDL	QC Batch	Trip Blank Lab-Dup	RDL	QC Batch	DUP	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	ND	0.0050	C175924				ND	0.0050	C175924
Calculated Parameters										
Total Chromium III	mg/L	ND	0.00099	C175620				ND	0.00099	C175620
Dissolved Hardness (CaCO3)	mg/L	ND	0.50	C175412				58.4	0.50	C175412
Total Hardness (CaCO3)	mg/L	ND	0.50	C175098				62.1	0.50	C175098
Nitrate (N)	mg/L	ND	0.020	C175308				ND	0.020	C175308
Sulphide (as H2S)	mg/L	ND	0.0020	C175110				ND	0.0020	C175110
Field Parameters										
Field pH	pH							6.89	N/A	ONSITE
Field Temperature	°C							9.8	N/A	ONSITE
Misc. Inorganics										
pH	pH	5.60	N/A	C175804				6.80	N/A	C175804
Total Organic Carbon (C)	mg/L	ND	0.50	C178052				0.75	0.50	C178052
Total Dissolved Solids	mg/L	ND	10	C175873				110	10	C175873
Total Suspended Solids	mg/L	ND	1.0	C175829				8.4	1.0	C175829
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	ND	0.50	C175319				0.66	0.50	C175319
Anions										
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	C175795				ND	1.0	C175795
Alkalinity (Total as CaCO3)	mg/L	ND	1.0	C175795				52	1.0	C175795
Bicarbonate (HCO3)	mg/L	ND	1.0	C175795				64	1.0	C175795
Carbonate (CO3)	mg/L	ND	1.0	C175795				ND	1.0	C175795
Fluoride (F)	mg/L	ND	0.050	C178645				0.27	0.050	C178639
Hydroxide (OH)	mg/L	ND	1.0	C175795				ND	1.0	C175795
Total Sulphide	mg/L	ND	0.0018	C177760				ND	0.0018	C177760
Chloride (Cl)	mg/L	ND	1.0	C175911				8.2	1.0	C175911
Sulphate (SO4)	mg/L	ND	1.0	C175911				11	1.0	C175911
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	C175887				ND	0.00099	C175887

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

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

Bureau Veritas Job #: C596497
Report Date: 2025/12/09

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		DXO860			DXO860			DXO861		
Sampling Date		2025/11/25			2025/11/25			2025/11/25		
COC Number		119086			119086			119086		
	UNITS	Trip Blank	RDL	QC Batch	Trip Blank Lab-Dup	RDL	QC Batch	DUP	RDL	QC Batch
Nutrients										
Total Ammonia (N)	mg/L	ND	0.015	C175921				0.019	0.015	C175921
Total Phosphorus (P)	mg/L	0.0013	0.0010	C175162				0.0036	0.0010	C175162
Nitrate plus Nitrite (N)	mg/L	ND	0.020	C175918				ND	0.020	C175918
Total Nitrogen (N)	mg/L	ND	0.020	C176940	ND	0.020	C176940	0.100	0.020	C176940
Misc. Organics										
Phenols	mg/L							ND	0.0015	C177179

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

Bureau Veritas ID		DXZ501	DXZ901		
Sampling Date					
COC Number		119086	119086		
	UNITS	TOX SUB BCR-EOP	TOX SUB WLNG-EOP	RDL	QC Batch
Anions					
Chloride (Cl)	mg/L	1200	1200	25	C182054
Sulphate (SO4)	mg/L	99	99	1.0	C182054

RDL = Reportable Detection Limit

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GLYCOLS BY GC-FID (WATER)

Bureau Veritas ID		DXO854	DXO858	DXO861		
Sampling Date		2025/11/25	2025/11/25	2025/11/25		
COC Number		119086	119086	119086		
	UNITS	WLNG -EOP	BCR-EOP	DUP	RDL	QC Batch
Glycols						
Ethylene Glycol	mg/L	ND	ND	ND	3.0	C175575
Diethylene Glycol	mg/L	ND	ND	ND	5.0	C175575
Triethylene Glycol	mg/L	ND	ND	ND	5.0	C175575
Propylene Glycol	mg/L	ND	ND	ND	5.0	C175575
Surrogate Recovery (%)						
Methyl Sulfone (sur.)	%	92	91	94		C175575

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

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Bureau Veritas Job #: C596497
Report Date: 2025/12/09

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

MERCURY BY COLD VAPOR (WATER)

Bureau Veritas ID		DXO853			DXO853			DXO854	DXO855		
Sampling Date		2025/11/25			2025/11/25			2025/11/25	2025/11/25		
COC Number		119086			119086			119086	119086		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	WLNG-US	RDL	QC Batch
Elements											
Total Mercury (Hg)	ug/L	ND	0.0019	C177167				ND	0.0020	0.0019	C177167
Lab Filtered Elements											
Dissolved Mercury (Hg)	ug/L	0.0020	0.0019	C180405	ND	0.0019	C180405	ND	0.0021	0.0019	C180405

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

Bureau Veritas ID		DXO856		DXO857		DXO858		DXO859		
Sampling Date		2025/11/25		2025/11/25		2025/11/25		2025/11/25		
COC Number		119086		119086		119086		119086		
	UNITS	SQRI-US	QC Batch	SQRI-DS	QC Batch	BCR-EOP	QC Batch	Field Blank	RDL	QC Batch
Elements										
Total Mercury (Hg)	ug/L	0.0026	C177945	ND	C177167	ND	C177167	ND	0.0019	C177945
Lab Filtered Elements										
Dissolved Mercury (Hg)	ug/L	ND	C180405	ND	C180405	ND	C177214	ND	0.0019	C180405

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

Bureau Veritas ID		DXO860	DXO861		
Sampling Date		2025/11/25	2025/11/25		
COC Number		119086	119086		
	UNITS	Trip Blank	DUP	RDL	QC Batch
Elements					
Total Mercury (Hg)	ug/L	ND	ND	0.0019	C177167
Lab Filtered Elements					
Dissolved Mercury (Hg)	ug/L	ND	ND	0.0019	C180405

RDL = Reportable Detection Limit
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Bureau Veritas Job #: C596497
Report Date: 2025/12/09

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DXO853	DXO854	DXO855		DXO856		DXO857		
Sampling Date		2025/11/25	2025/11/25	2025/11/25		2025/11/25		2025/11/25		
COC Number		119086	119086	119086		119086		119086		
	UNITS	WLNG-DS	WLNG -EOP	WLNG-US	QC Batch	SQRI-US	QC Batch	SQRI-DS	RDL	QC Batch
ANIONS										
Bromide (Br)	mg/L	ND	ND	ND	C177189	ND	C177211	ND	0.010	C177189
Dissolved Metals by ICPMS										
Dissolved Calcium (Ca)	mg/L	4.88	21.9	1.77	C175418	5.58	C175418	5.56	0.050	C175418
Dissolved Magnesium (Mg)	mg/L	0.329	0.938	0.230	C175418	0.602	C175418	0.627	0.050	C175418
Dissolved Potassium (K)	mg/L	0.267	1.09	0.152	C175418	0.542	C175418	0.560	0.050	C175418
Dissolved Sodium (Na)	mg/L	1.70	5.16	1.10	C175418	2.05	C175418	3.12	0.050	C175418
Dissolved Sulphur (S)	mg/L	ND	ND	ND	C175418	ND	C175418	ND	3.0	C175418
Lab Filtered Metals										
Dissolved Aluminum (Al)	ug/L	60.4	37.8	63.8	C176761	35.8	C176761	37.8	0.50	C176761
Dissolved Antimony (Sb)	ug/L	0.056	0.230	0.024	C176761	ND	C176761	ND	0.020	C176761
Dissolved Arsenic (As)	ug/L	0.306	1.13	0.138	C176761	0.095	C176761	0.100	0.020	C176761
Dissolved Barium (Ba)	ug/L	2.73	4.68	2.12	C176761	7.43	C176761	7.71	0.020	C176761
Dissolved Beryllium (Be)	ug/L	ND	ND	ND	C176761	ND	C176761	ND	0.010	C176761
Dissolved Bismuth (Bi)	ug/L	ND	ND	ND	C176761	ND	C176761	ND	0.0050	C176761
Dissolved Boron (B)	ug/L	ND	11	ND	C176761	ND	C176761	ND	10	C176761
Dissolved Cadmium (Cd)	ug/L	ND	0.0081	ND	C176761	0.0076	C176761	0.0080	0.0050	C176761
Dissolved Cesium (Cs)	ug/L	ND	ND	ND	C176761	ND	C176761	ND	0.050	C176761
Dissolved Chromium (Cr)	ug/L	ND	ND	ND	C176761	ND	C176761	ND	0.10	C176761
Dissolved Cobalt (Co)	ug/L	0.0248	0.0217	0.0240	C176761	0.0675	C176761	0.0695	0.0050	C176761
Dissolved Copper (Cu)	ug/L	0.517	0.509	0.728	C176761	0.704	C176761	0.693	0.050	C176761
Dissolved Iron (Fe)	ug/L	11.1	ND	14.6	C176761	126	C176761	102	1.0	C176761
Dissolved Lead (Pb)	ug/L	0.0062	0.0098	0.0121	C176761	0.0120	C176761	0.0077	0.0050	C176761
Dissolved Lithium (Li)	ug/L	0.56	2.86	ND	C176761	0.62	C176761	0.74	0.50	C176761
Dissolved Manganese (Mn)	ug/L	3.93	16.9	0.678	C176761	9.51	C176761	9.42	0.050	C176761
Dissolved Molybdenum (Mo)	ug/L	4.96	30.0	0.317	C176761	0.506	C176761	0.525	0.050	C176761
Dissolved Nickel (Ni)	ug/L	0.186	0.142	0.202	C176761	0.103	C176761	0.108	0.020	C176761
Dissolved Phosphorus (P)	ug/L	10.2	ND	24.0	C176761	17.2	C176761	12.3	2.0	C176761
Dissolved Rubidium (Rb)	ug/L	0.540	2.40	0.194	C176761	0.790	C176761	0.732	0.050	C176761
Dissolved Selenium (Se)	ug/L	ND	ND	ND	C176761	ND	C176761	ND	0.040	C176761
Dissolved Silicon (Si)	ug/L	3900	6700	3300	C176761	4330	C176761	4130	50	C176761

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ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DXO853	DXO854	DXO855		DXO856		DXO857		
Sampling Date		2025/11/25	2025/11/25	2025/11/25		2025/11/25		2025/11/25		
COC Number		119086	119086	119086		119086		119086		
	UNITS	WLNG-DS	WLNG -EOP	WLNG-US	QC Batch	SQRI-US	QC Batch	SQRI-DS	RDL	QC Batch
Dissolved Silver (Ag)	ug/L	ND	ND	ND	C176761	ND	C176761	ND	0.0050	C176761
Dissolved Strontium (Sr)	ug/L	14.1	44.4	9.10	C176761	33.9	C176761	35.5	0.050	C176761
Dissolved Tellurium (Te)	ug/L	ND	ND	ND	C176761	ND	C176761	ND	0.020	C176761
Dissolved Thallium (Tl)	ug/L	0.0028	0.0094	ND	C176761	ND	C176761	ND	0.0020	C176761
Dissolved Thorium (Th)	ug/L	ND	ND	ND	C176761	ND	C176761	ND	0.0050	C176761
Dissolved Tin (Sn)	ug/L	ND	ND	ND	C176761	ND	C176761	ND	0.20	C176761
Dissolved Titanium (Ti)	ug/L	ND	ND	ND	C176761	ND	C176761	ND	0.50	C176761
Dissolved Uranium (U)	ug/L	0.307	0.708	0.129	C176761	0.0258	C176761	0.0287	0.0020	C176761
Dissolved Vanadium (V)	ug/L	ND	ND	ND	C176761	0.85	C176761	0.76	0.20	C176761
Dissolved Zinc (Zn)	ug/L	1.21	3.59	1.60	C176761	1.03	C176761	0.94	0.10	C176761
Dissolved Zirconium (Zr)	ug/L	ND	ND	ND	C176761	ND	C176761	ND	0.10	C176761
Total Metals by ICPMS										
Total Aluminum (Al)	ug/L	251	384	88.3	C177029	106	C177029	106	3.0	C177029
Total Antimony (Sb)	ug/L	0.075	0.308	0.027	C177029	ND	C177029	0.023	0.020	C177029
Total Arsenic (As)	ug/L	0.329	1.28	0.148	C177029	0.098	C177029	0.125	0.020	C177029
Total Barium (Ba)	ug/L	3.76	6.90	2.57	C177029	8.23	C177029	9.00	0.050	C177029
Total Beryllium (Be)	ug/L	ND	ND	ND	C177029	ND	C177029	ND	0.010	C177029
Total Bismuth (Bi)	ug/L	ND	ND	ND	C177029	ND	C177029	ND	0.010	C177029
Total Boron (B)	ug/L	ND	11	ND	C177029	ND	C177029	ND	10	C177029
Total Cadmium (Cd)	ug/L	ND	0.0102	0.0076	C177029	0.0146	C177029	0.0091	0.0050	C177029
Total Cesium (Cs)	ug/L	ND	0.071	ND	C177029	ND	C177029	ND	0.050	C177029
Total Chromium (Cr)	ug/L	ND	0.17	ND	C177029	0.12	C177029	ND	0.10	C177029
Total Cobalt (Co)	ug/L	0.034	0.047	0.031	C177029	0.083	C177029	0.100	0.010	C177029
Total Copper (Cu)	ug/L	0.73	1.13	0.91	C177029	0.95	C177029	0.96	0.10	C177029
Total Iron (Fe)	ug/L	73.3	211	27.8	C177029	223	C177029	202	5.0	C177029
Total Lead (Pb)	ug/L	0.042	0.151	0.027	C177029	0.040	C177029	0.038	0.020	C177029
Total Lithium (Li)	ug/L	0.54	2.92	ND	C177029	0.62	C177029	0.72	0.50	C177029
Total Manganese (Mn)	ug/L	5.15	21.2	1.04	C177029	10.7	C177029	11.1	0.10	C177029
Total Molybdenum (Mo)	ug/L	4.85	31.9	0.357	C177029	0.489	C177029	0.549	0.050	C177029
Total Nickel (Ni)	ug/L	0.29	0.20	0.26	C177029	0.18	C177029	0.19	0.10	C177029
Total Phosphorus (P)	ug/L	20.7	7.4	25.6	C177029	29.5	C177029	21.4	5.0	C177029

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ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DXO853	DXO854	DXO855		DXO856		DXO857		
Sampling Date		2025/11/25	2025/11/25	2025/11/25		2025/11/25		2025/11/25		
COC Number		119086	119086	119086		119086		119086		
	UNITS	WLNG-DS	WLNG -EOP	WLNG-US	QC Batch	SQRI-US	QC Batch	SQRI-DS	RDL	QC Batch
Total Rubidium (Rb)	ug/L	0.623	2.77	0.251	C177029	0.821	C177029	0.875	0.050	C177029
Total Selenium (Se)	ug/L	ND	ND	ND	C177029	ND	C177029	ND	0.040	C177029
Total Silicon (Si)	ug/L	4220	7400	3650	C177029	4720	C177029	4540	50	C177029
Total Silver (Ag)	ug/L	ND	ND	ND	C177029	ND	C177029	ND	0.010	C177029
Total Strontium (Sr)	ug/L	14.7	47.3	9.83	C177029	34.1	C177029	36.8	0.050	C177029
Total Tellurium (Te)	ug/L	ND	ND	ND	C177029	ND	C177029	ND	0.020	C177029
Total Thallium (Tl)	ug/L	0.0039	0.0119	ND	C177029	ND	C177029	0.0024	0.0020	C177029
Total Thorium (Th)	ug/L	ND	0.071	ND	C177029	ND	C177029	ND	0.050	C177029
Total Tin (Sn)	ug/L	ND	ND	ND	C177029	ND	C177029	ND	0.20	C177029
Total Titanium (Ti)	ug/L	2.5	7.5	ND	C177029	4.2	C177029	3.4	2.0	C177029
Total Uranium (U)	ug/L	0.571	1.05	0.140	C177029	0.0324	C177029	0.0363	0.0050	C177029
Total Vanadium (V)	ug/L	ND	0.24	ND	C177029	1.03	C177029	0.93	0.20	C177029
Total Zinc (Zn)	ug/L	2.3	3.7	1.5	C177029	1.7	C177029	2.4	1.0	C177029
Total Zirconium (Zr)	ug/L	ND	0.11	ND	C177029	ND	C177029	0.10	0.10	C177029
Total Calcium (Ca)	mg/L	4.83	22.6	1.89	C175100	5.75	C175100	6.00	0.25	C175100
Total Magnesium (Mg)	mg/L	0.34	1.00	ND	C175100	0.64	C175100	0.67	0.25	C175100
Total Potassium (K)	mg/L	0.29	1.18	ND	C175100	0.55	C175100	0.64	0.25	C175100
Total Sodium (Na)	mg/L	1.75	5.38	1.20	C175100	2.04	C175100	3.19	0.25	C175100
Total Sulphur (S)	mg/L	ND	4.5	ND	C175100	ND	C175100	ND	3.0	C175100

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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		DXO858			DXO859			DXO859		
Sampling Date		2025/11/25			2025/11/25			2025/11/25		
COC Number		119086			119086			119086		
	UNITS	BCR-EOP	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
ANIONS										
Bromide (Br)	mg/L	10.7	0.10	C179819	ND	0.010	C177189			
Dissolved Metals by ICPMS										
Dissolved Calcium (Ca)	mg/L	98.8	0.25	C175418	ND	0.050	C175418			
Dissolved Magnesium (Mg)	mg/L	59.4	0.25	C175418	ND	0.050	C175418			
Dissolved Potassium (K)	mg/L	61.5	0.25	C175418	ND	0.050	C175418			
Dissolved Sodium (Na)	mg/L	1420	0.25	C175418	ND	0.050	C175418			
Dissolved Sulphur (S)	mg/L	74	15	C175418	ND	3.0	C175418			
Lab Filtered Metals										
Dissolved Aluminum (Al)	ug/L	ND	2.5	C176761	ND	0.50	C176761			
Dissolved Antimony (Sb)	ug/L	2.48	0.10	C176761	ND	0.020	C176761			
Dissolved Arsenic (As)	ug/L	0.21	0.10	C176761	ND	0.020	C176761			
Dissolved Barium (Ba)	ug/L	105	0.10	C176761	ND	0.020	C176761			
Dissolved Beryllium (Be)	ug/L	ND	0.050	C176761	ND	0.010	C176761			
Dissolved Bismuth (Bi)	ug/L	ND	0.025	C176761	ND	0.0050	C176761			
Dissolved Boron (B)	ug/L	314	50	C176761	ND	10	C176761			
Dissolved Cadmium (Cd)	ug/L	ND	0.025	C176761	ND	0.0050	C176761			
Dissolved Cesium (Cs)	ug/L	0.34	0.25	C176761	ND	0.050	C176761			
Dissolved Chromium (Cr)	ug/L	ND	0.50	C176761	ND	0.10	C176761			
Dissolved Cobalt (Co)	ug/L	0.089	0.025	C176761	ND	0.0050	C176761			
Dissolved Copper (Cu)	ug/L	1.44	0.25	C176761	ND	0.050	C176761			
Dissolved Iron (Fe)	ug/L	10.9	5.0	C176761	ND	1.0	C176761			
Dissolved Lead (Pb)	ug/L	ND	0.025	C176761	ND	0.0050	C176761			
Dissolved Lithium (Li)	ug/L	3.2	2.5	C176761	ND	0.50	C176761			
Dissolved Manganese (Mn)	ug/L	11.0	0.25	C176761	ND	0.050	C176761			
Dissolved Molybdenum (Mo)	ug/L	23.4	0.25	C176761	ND	0.050	C176761			
Dissolved Nickel (Ni)	ug/L	0.74	0.10	C176761	ND	0.020	C176761			
Dissolved Phosphorus (P)	ug/L	13	10	C176761	ND	2.0	C176761			
Dissolved Rubidium (Rb)	ug/L	19.7	0.25	C176761	ND	0.050	C176761			
Dissolved Selenium (Se)	ug/L	1.39	0.20	C176761	ND	0.040	C176761			

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

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DXO858			DXO859			DXO859		
Sampling Date		2025/11/25			2025/11/25			2025/11/25		
COC Number		119086			119086			119086		
	UNITS	BCR-EOP	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
Dissolved Silicon (Si)	ug/L	4950	250	C176761	ND	50	C176761			
Dissolved Silver (Ag)	ug/L	ND	0.025	C176761	ND	0.0050	C176761			
Dissolved Strontium (Sr)	ug/L	1240	0.25	C176761	ND	0.050	C176761			
Dissolved Tellurium (Te)	ug/L	ND	0.10	C176761	ND	0.020	C176761			
Dissolved Thallium (Tl)	ug/L	0.010	0.010	C176761	ND	0.0020	C176761			
Dissolved Thorium (Th)	ug/L	ND	0.025	C176761	ND	0.0050	C176761			
Dissolved Tin (Sn)	ug/L	ND	1.0	C176761	ND	0.20	C176761			
Dissolved Titanium (Ti)	ug/L	ND	2.5	C176761	ND	0.50	C176761			
Dissolved Uranium (U)	ug/L	0.027	0.010	C176761	ND	0.0020	C176761			
Dissolved Vanadium (V)	ug/L	ND	1.0	C176761	ND	0.20	C176761			
Dissolved Zinc (Zn)	ug/L	8.49	0.50	C176761	ND	0.10	C176761			
Dissolved Zirconium (Zr)	ug/L	ND	0.50	C176761	ND	0.10	C176761			
Total Metals by ICPMS										
Total Aluminum (Al)	ug/L	72	15	C177029	1.15	0.50	C176946	1.78	0.50	C176946
Total Antimony (Sb)	ug/L	2.67	0.10	C177029	ND	0.020	C176946	ND	0.020	C176946
Total Arsenic (As)	ug/L	0.34	0.10	C177029	ND	0.020	C176946	ND	0.020	C176946
Total Barium (Ba)	ug/L	121	0.25	C177029	ND	0.020	C176946	ND	0.020	C176946
Total Beryllium (Be)	ug/L	ND	0.050	C177029	ND	0.010	C176946	ND	0.010	C176946
Total Bismuth (Bi)	ug/L	ND	0.050	C177029	ND	0.0050	C176946	ND	0.0050	C176946
Total Boron (B)	ug/L	363	50	C177029	ND	10	C176946	ND	10	C176946
Total Cadmium (Cd)	ug/L	ND	0.025	C177029	ND	0.0050	C176946	ND	0.0050	C176946
Total Cesium (Cs)	ug/L	0.40	0.25	C177029	ND	0.050	C176946	ND	0.050	C176946
Total Chromium (Cr)	ug/L	ND	0.50	C177029	ND	0.10	C176946	ND	0.10	C176946
Total Cobalt (Co)	ug/L	0.103	0.050	C177029	ND	0.0050	C176946	ND	0.0050	C176946
Total Copper (Cu)	ug/L	1.35	0.50	C177029	ND	0.050	C176946	ND	0.050	C176946
Total Iron (Fe)	ug/L	275	25	C177029	1.3	1.0	C176946	ND	1.0	C176946
Total Lead (Pb)	ug/L	ND	0.10	C177029	ND	0.0050	C176946	ND	0.0050	C176946
Total Lithium (Li)	ug/L	3.6	2.5	C177029	ND	0.50	C176946	ND	0.50	C176946
Total Manganese (Mn)	ug/L	13.6	0.50	C177029	ND	0.050	C176946	ND	0.050	C176946
Total Molybdenum (Mo)	ug/L	25.8	0.25	C177029	ND	0.050	C176946	ND	0.050	C176946

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

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DXO858			DXO859			DXO859		
Sampling Date		2025/11/25			2025/11/25			2025/11/25		
COC Number		119086			119086			119086		
	UNITS	BCR-EOP	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
Total Nickel (Ni)	ug/L	0.93	0.50	C177029	0.030	0.020	C176946	0.023	0.020	C176946
Total Phosphorus (P)	ug/L	49	25	C177029	ND	2.0	C176946	ND	2.0	C176946
Total Rubidium (Rb)	ug/L	22.8	0.25	C177029	ND	0.050	C176946	ND	0.050	C176946
Total Selenium (Se)	ug/L	1.47	0.20	C177029	ND	0.040	C176946	ND	0.040	C176946
Total Silicon (Si)	ug/L	5860	250	C177029	ND	50	C176946	ND	50	C176946
Total Silver (Ag)	ug/L	ND	0.050	C177029	ND	0.0050	C176946	ND	0.0050	C176946
Total Strontium (Sr)	ug/L	1500	0.25	C177029	ND	0.050	C176946	ND	0.050	C176946
Total Tellurium (Te)	ug/L	ND	0.10	C177029	ND	0.020	C176946	ND	0.020	C176946
Total Thallium (Tl)	ug/L	0.011	0.010	C177029	ND	0.0020	C176946	ND	0.0020	C176946
Total Thorium (Th)	ug/L	ND	0.25	C177029	ND	0.050	C176946	ND	0.050	C176946
Total Tin (Sn)	ug/L	ND	1.0	C177029	ND	0.20	C176946	ND	0.20	C176946
Total Titanium (Ti)	ug/L	ND	10	C177029	ND	0.50	C176946	ND	0.50	C176946
Total Uranium (U)	ug/L	ND	0.025	C177029	ND	0.0020	C176946	ND	0.0020	C176946
Total Vanadium (V)	ug/L	2.1	1.0	C177029	ND	0.20	C176946	ND	0.20	C176946
Total Zinc (Zn)	ug/L	8.3	5.0	C177029	0.12	0.10	C176946	ND	0.10	C176946
Total Zirconium (Zr)	ug/L	ND	0.50	C177029	ND	0.10	C176946	ND	0.10	C176946
Total Calcium (Ca)	mg/L	110	1.3	C175100	ND	0.050	C175100			
Total Magnesium (Mg)	mg/L	63.3	1.3	C175100	ND	0.050	C175100			
Total Potassium (K)	mg/L	71.6	1.3	C175100	ND	0.050	C175100			
Total Sodium (Na)	mg/L	1490	1.3	C175100	ND	0.050	C175100			
Total Sulphur (S)	mg/L	93	15	C175100	ND	3.0	C175100			

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
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Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DXO860			DXO861			DXZ501		
Sampling Date		2025/11/25			2025/11/25					
COC Number		119086			119086			119086		
	UNITS	Trip Blank	RDL	QC Batch	DUP	RDL	QC Batch	TOX SUB BCR-EOP	RDL	QC Batch
ANIONS										
Bromide (Br)	mg/L	ND	0.010	C177189	ND	0.010	C177189			
Dissolved Metals by ICPMS										
Dissolved Calcium (Ca)	mg/L	ND	0.050	C175418	21.8	0.050	C175418			
Dissolved Magnesium (Mg)	mg/L	ND	0.050	C175418	0.957	0.050	C175418			
Dissolved Potassium (K)	mg/L	ND	0.050	C175418	1.07	0.050	C175418			
Dissolved Sodium (Na)	mg/L	ND	0.050	C175418	5.28	0.050	C175418			
Dissolved Sulphur (S)	mg/L	ND	3.0	C175418	4.2	3.0	C175418			
Lab Filtered Metals										
Dissolved Aluminum (Al)	ug/L	ND	0.50	C176761	40.1	0.50	C176761			
Dissolved Antimony (Sb)	ug/L	ND	0.020	C176761	0.216	0.020	C176761			
Dissolved Arsenic (As)	ug/L	ND	0.020	C176761	1.14	0.020	C176761			
Dissolved Barium (Ba)	ug/L	ND	0.020	C176761	4.73	0.020	C176761			
Dissolved Beryllium (Be)	ug/L	ND	0.010	C176761	ND	0.010	C176761			
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	C176761	ND	0.0050	C176761			
Dissolved Boron (B)	ug/L	ND	10	C176761	11	10	C176761			
Dissolved Cadmium (Cd)	ug/L	ND	0.0050	C176761	0.0059	0.0050	C176761			
Dissolved Cesium (Cs)	ug/L	ND	0.050	C176761	ND	0.050	C176761			
Dissolved Chromium (Cr)	ug/L	ND	0.10	C176761	ND	0.10	C176761			
Dissolved Cobalt (Co)	ug/L	ND	0.0050	C176761	0.0268	0.0050	C176761			
Dissolved Copper (Cu)	ug/L	ND	0.050	C176761	0.190	0.050	C176761			
Dissolved Iron (Fe)	ug/L	ND	1.0	C176761	ND	1.0	C176761			
Dissolved Lead (Pb)	ug/L	ND	0.0050	C176761	ND	0.0050	C176761			
Dissolved Lithium (Li)	ug/L	ND	0.50	C176761	2.93	0.50	C176761			
Dissolved Manganese (Mn)	ug/L	ND	0.050	C176761	19.4	0.050	C176761			
Dissolved Molybdenum (Mo)	ug/L	ND	0.050	C176761	31.2	0.050	C176761			
Dissolved Nickel (Ni)	ug/L	ND	0.020	C176761	0.105	0.020	C176761			
Dissolved Phosphorus (P)	ug/L	ND	2.0	C176761	2.4	2.0	C176761			
Dissolved Rubidium (Rb)	ug/L	ND	0.050	C176761	2.54	0.050	C176761			
Dissolved Selenium (Se)	ug/L	ND	0.040	C176761	ND	0.040	C176761			
Dissolved Silicon (Si)	ug/L	ND	50	C176761	6730	50	C176761			

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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		DXO860			DXO861			DXZ501		
Sampling Date		2025/11/25			2025/11/25					
COC Number		119086			119086			119086		
	UNITS	Trip Blank	RDL	QC Batch	DUP	RDL	QC Batch	TOX SUB BCR-EOP	RDL	QC Batch
Dissolved Silver (Ag)	ug/L	ND	0.0050	C176761	ND	0.0050	C176761			
Dissolved Strontium (Sr)	ug/L	ND	0.050	C176761	45.5	0.050	C176761			
Dissolved Tellurium (Te)	ug/L	ND	0.020	C176761	ND	0.020	C176761			
Dissolved Thallium (Tl)	ug/L	ND	0.0020	C176761	0.0103	0.0020	C176761			
Dissolved Thorium (Th)	ug/L	ND	0.0050	C176761	ND	0.0050	C176761			
Dissolved Tin (Sn)	ug/L	ND	0.20	C176761	ND	0.20	C176761			
Dissolved Titanium (Ti)	ug/L	ND	0.50	C176761	ND	0.50	C176761			
Dissolved Uranium (U)	ug/L	ND	0.0020	C176761	0.713	0.0020	C176761			
Dissolved Vanadium (V)	ug/L	ND	0.20	C176761	ND	0.20	C176761			
Dissolved Zinc (Zn)	ug/L	ND	0.10	C176761	1.95	0.10	C176761			
Dissolved Zirconium (Zr)	ug/L	ND	0.10	C176761	ND	0.10	C176761			
Total Metals by ICPMS										
Total Aluminum (Al)	ug/L	ND	0.50	C176946	308	3.0	C177029	124	1.0	C183793
Total Antimony (Sb)	ug/L	ND	0.020	C176946	0.306	0.020	C177029	1.39	0.040	C183793
Total Arsenic (As)	ug/L	ND	0.020	C176946	1.36	0.020	C177029	0.787	0.040	C183793
Total Barium (Ba)	ug/L	ND	0.020	C176946	6.43	0.050	C177029	58.1	0.040	C183793
Total Beryllium (Be)	ug/L	ND	0.010	C176946	ND	0.010	C177029	0.022	0.020	C183793
Total Bismuth (Bi)	ug/L	ND	0.0050	C176946	ND	0.010	C177029	ND	0.010	C183793
Total Boron (B)	ug/L	ND	10	C176946	11	10	C177029	220	20	C183793
Total Cadmium (Cd)	ug/L	ND	0.0050	C176946	0.0099	0.0050	C177029	0.027	0.010	C183793
Total Cesium (Cs)	ug/L	ND	0.050	C176946	0.059	0.050	C177029	0.15	0.10	C183793
Total Chromium (Cr)	ug/L	ND	0.10	C176946	0.13	0.10	C177029	ND	0.20	C183793
Total Cobalt (Co)	ug/L	ND	0.0050	C176946	0.041	0.010	C177029	0.071	0.010	C183793
Total Copper (Cu)	ug/L	ND	0.050	C176946	0.49	0.10	C177029	0.70	0.10	C183793
Total Iron (Fe)	ug/L	ND	1.0	C176946	142	5.0	C177029	121	2.0	C183793
Total Lead (Pb)	ug/L	ND	0.0050	C176946	0.077	0.020	C177029	0.035	0.010	C183793
Total Lithium (Li)	ug/L	ND	0.50	C176946	3.01	0.50	C177029	3.1	1.0	C183793
Total Manganese (Mn)	ug/L	ND	0.050	C176946	22.5	0.10	C177029	14.2	0.10	C183793
Total Molybdenum (Mo)	ug/L	ND	0.050	C176946	32.0	0.050	C177029	28.7	0.10	C183793
Total Nickel (Ni)	ug/L	ND	0.020	C176946	0.16	0.10	C177029	0.438	0.040	C183793
Total Phosphorus (P)	ug/L	ND	2.0	C176946	7.8	5.0	C177029	26.1	4.0	C183793

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		DXO860			DXO861			DXZ501		
Sampling Date		2025/11/25			2025/11/25					
COC Number		119086			119086			119086		
	UNITS	Trip Blank	RDL	QC Batch	DUP	RDL	QC Batch	TOX SUB BCR-EOP	RDL	QC Batch
Total Rubidium (Rb)	ug/L	ND	0.050	C176946	2.73	0.050	C177029	11.0	0.10	C183793
Total Selenium (Se)	ug/L	ND	0.040	C176946	ND	0.040	C177029	0.633	0.080	C183793
Total Silicon (Si)	ug/L	ND	50	C176946	7420	50	C177029	6240	100	C183793
Total Silver (Ag)	ug/L	ND	0.0050	C176946	ND	0.010	C177029	ND	0.010	C183793
Total Strontium (Sr)	ug/L	ND	0.050	C176946	48.3	0.050	C177029	659	0.10	C183793
Total Tellurium (Te)	ug/L	ND	0.020	C176946	ND	0.020	C177029	ND	0.040	C183793
Total Thallium (Tl)	ug/L	ND	0.0020	C176946	0.0125	0.0020	C177029	0.0111	0.0040	C183793
Total Thorium (Th)	ug/L	ND	0.050	C176946	ND	0.050	C177029	ND	0.10	C183793
Total Tin (Sn)	ug/L	ND	0.20	C176946	ND	0.20	C177029	ND	0.40	C183793
Total Titanium (Ti)	ug/L	ND	0.50	C176946	4.8	2.0	C177029	1.8	1.0	C183793
Total Uranium (U)	ug/L	ND	0.0020	C176946	0.994	0.0050	C177029	0.443	0.0040	C183793
Total Vanadium (V)	ug/L	ND	0.20	C176946	ND	0.20	C177029	0.83	0.40	C183793
Total Zinc (Zn)	ug/L	ND	0.10	C176946	4.0	1.0	C177029	15.9 (1)	0.20	C183793
Total Zirconium (Zr)	ug/L	ND	0.10	C176946	0.56	0.10	C177029	ND	0.20	C183793
Total Calcium (Ca)	mg/L	ND	0.050	C175100	23.2	0.25	C175100	62.9	0.10	C180745
Total Magnesium (Mg)	mg/L	ND	0.050	C175100	1.00	0.25	C175100	35.2	0.10	C180745
Total Potassium (K)	mg/L	ND	0.050	C175100	1.30	0.25	C175100	32.3	0.10	C180745
Total Sodium (Na)	mg/L	ND	0.050	C175100	5.51	0.25	C175100	761	0.10	C180745
Total Sulphur (S)	mg/L	ND	3.0	C175100	3.9	3.0	C175100	40.7	6.0	C180745

RDL = Reportable Detection Limit
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
(1) Matrix Spike outside acceptance criteria due to sample matrix interference.

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DXZ501			DXZ901		
Sampling Date							
COC Number		119086			119086		
	UNITS	TOX SUB BCR-EOP Lab-Dup	RDL	QC Batch	TOX SUB WLNG-EOP	RDL	QC Batch
Total Metals by ICPMS							
Total Aluminum (Al)	ug/L	129	1.0	C183793	104	0.50	C183793
Total Antimony (Sb)	ug/L	1.41	0.040	C183793	1.38	0.020	C183793
Total Arsenic (As)	ug/L	0.791	0.040	C183793	0.730	0.020	C183793
Total Barium (Ba)	ug/L	58.6	0.040	C183793	56.7	0.020	C183793
Total Beryllium (Be)	ug/L	0.020	0.020	C183793	ND	0.010	C183793
Total Bismuth (Bi)	ug/L	ND	0.010	C183793	ND	0.0050	C183793
Total Boron (B)	ug/L	236	20	C183793	215	10	C183793
Total Cadmium (Cd)	ug/L	0.025	0.010	C183793	0.0062	0.0050	C183793
Total Cesium (Cs)	ug/L	0.15	0.10	C183793	0.143	0.050	C183793
Total Chromium (Cr)	ug/L	ND	0.20	C183793	0.18	0.10	C183793
Total Cobalt (Co)	ug/L	0.075	0.010	C183793	0.0602	0.0050	C183793
Total Copper (Cu)	ug/L	0.64	0.10	C183793	0.577	0.050	C183793
Total Iron (Fe)	ug/L	120	2.0	C183793	106	1.0	C183793
Total Lead (Pb)	ug/L	0.035	0.010	C183793	0.0360	0.0050	C183793
Total Lithium (Li)	ug/L	3.1	1.0	C183793	2.91	0.50	C183793
Total Manganese (Mn)	ug/L	14.5	0.10	C183793	13.8	0.050	C183793
Total Molybdenum (Mo)	ug/L	29.3	0.10	C183793	29.1	0.050	C183793
Total Nickel (Ni)	ug/L	0.416	0.040	C183793	0.373	0.020	C183793
Total Phosphorus (P)	ug/L	24.6	4.0	C183793	20.4	2.0	C183793
Total Rubidium (Rb)	ug/L	11.2	0.10	C183793	11.1	0.050	C183793
Total Selenium (Se)	ug/L	0.644	0.080	C183793	0.621	0.040	C183793
Total Silicon (Si)	ug/L	6380	100	C183793	6300	50	C183793
Total Silver (Ag)	ug/L	ND	0.010	C183793	ND	0.0050	C183793
Total Strontium (Sr)	ug/L	679	0.10	C183793	690	0.050	C183793
Total Tellurium (Te)	ug/L	ND	0.040	C183793	ND	0.020	C183793
Total Thallium (Tl)	ug/L	0.0096	0.0040	C183793	0.0102	0.0020	C183793

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

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DXZ501			DXZ901		
Sampling Date							
COC Number		119086			119086		
	UNITS	TOX SUB BCR-EOP Lab-Dup	RDL	QC Batch	TOX SUB WLNG-EOP	RDL	QC Batch
Total Thorium (Th)	ug/L	ND	0.10	C183793	ND	0.050	C183793
Total Tin (Sn)	ug/L	ND	0.40	C183793	ND	0.20	C183793
Total Titanium (Ti)	ug/L	1.7	1.0	C183793	0.94	0.50	C183793
Total Uranium (U)	ug/L	0.443	0.0040	C183793	0.392	0.0020	C183793
Total Vanadium (V)	ug/L	0.84	0.40	C183793	0.77	0.20	C183793
Total Zinc (Zn)	ug/L	14.0	0.20	C183793	3.18	0.10	C183793
Total Zirconium (Zr)	ug/L	ND	0.20	C183793	ND	0.10	C183793
Total Calcium (Ca)	mg/L				60.4	0.050	C180745
Total Magnesium (Mg)	mg/L				36.4	0.050	C180745
Total Potassium (K)	mg/L				32.3	0.050	C180745
Total Sodium (Na)	mg/L				792	0.050	C180745
Total Sulphur (S)	mg/L				41.1	3.0	C180745

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

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

Bureau Veritas Job #: C596497
Report Date: 2025/12/09

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

MISCELLANEOUS (WATER)

Bureau Veritas ID		DXO853	DXO854	DXO855	DXO856	DXO857	DXO858		
Sampling Date		2025/11/25	2025/11/25	2025/11/25	2025/11/25	2025/11/25	2025/11/25		
COC Number		119086	119086	119086	119086	119086	119086		
	UNITS	WLNG-DS	WLNG -EOP	WLNG-US	SQRI-US	SQRI-DS	BCR-EOP	RDL	QC Batch
Calculated Parameters									
Total Un-ionized Hydrogen Sulfide as S	mg/L	ND	ND	ND	ND	ND	ND	0.0018	C175626
Total Un-ionized Hydrogen Sulfide as H2S	mg/L	ND	ND	ND	ND	ND	ND	0.0019	C175626

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

Bureau Veritas ID		DXO861		
Sampling Date		2025/11/25		
COC Number		119086		
	UNITS	DUP	RDL	QC Batch
Calculated Parameters				
Total Un-ionized Hydrogen Sulfide as S	mg/L	ND	0.0018	C175626
Total Un-ionized Hydrogen Sulfide as H2S	mg/L	ND	0.0019	C175626

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		DXO854	DXO858	DXO861		
Sampling Date		2025/11/25	2025/11/25	2025/11/25		
COC Number		119086	119086	119086		
	UNITS	WLNG -EOP	BCR-EOP	DUP	RDL	QC Batch
Calculated Parameters						
Low Molecular Weight PAH`s	ug/L	ND	ND	ND	0.10	C175636
High Molecular Weight PAH`s	ug/L	ND	ND	ND	0.050	C175636
Total PAH	ug/L	ND	ND	ND	0.10	C175636
Polycyclic Aromatics						
Quinoline	ug/L	ND	ND	ND	0.020	C175425
Naphthalene	ug/L	ND	ND	ND	0.10	C175425
1-Methylnaphthalene	ug/L	ND	ND	ND	0.050	C175425
2-Methylnaphthalene	ug/L	ND	ND	ND	0.10	C175425
Acenaphthylene	ug/L	ND	ND	ND	0.050	C175425
Acenaphthene	ug/L	ND	ND	ND	0.050	C175425
Fluorene	ug/L	ND	ND	ND	0.050	C175425
Phenanthrene	ug/L	ND	ND	ND	0.050	C175425
Anthracene	ug/L	ND	ND	ND	0.010	C175425
Acridine	ug/L	ND	ND	ND	0.050	C175425
Fluoranthene	ug/L	ND	ND	ND	0.020	C175425
Pyrene	ug/L	ND	ND	ND	0.020	C175425
Benzo(a)anthracene	ug/L	ND	ND	ND	0.010	C175425
Chrysene	ug/L	ND	ND	ND	0.020	C175425
Benzo(b&j)fluoranthene	ug/L	ND	ND	ND	0.030	C175425
Benzo(k)fluoranthene	ug/L	ND	ND	ND	0.050	C175425
Benzo(a)pyrene	ug/L	ND	ND	ND	0.0050	C175425
Indeno(1,2,3-cd)pyrene	ug/L	ND	ND	ND	0.050	C175425
Dibenz(a,h)anthracene	ug/L	ND	ND	ND	0.0030	C175425
Benzo(g,h,i)perylene	ug/L	ND	ND	ND	0.050	C175425
Calculated Parameters						
LEPH (C10-C19 less PAH)	mg/L	ND	ND	ND	0.20	C175640
HEPH (C19-C32 less PAH)	mg/L	ND	ND	ND	0.20	C175640
Ext. Pet. Hydrocarbon						
EPH (C10-C19)	mg/L	ND	ND	ND	0.20	C175428
EPH (C19-C32)	mg/L	ND	ND	ND	0.20	C175428

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		DXO854	DXO858	DXO861		
Sampling Date		2025/11/25	2025/11/25	2025/11/25		
COC Number		119086	119086	119086		
	UNITS	WLNG -EOP	BCR-EOP	DUP	RDL	QC Batch
Surrogate Recovery (%)						
O-TERPHENYL (sur.)	%	110	81	108		C175428
D10-ANTHRACENE (sur.)	%	93	75	92		C175425
D8-ACENAPHTHYLENE (sur.)	%	90	85	89		C175425
D8-NAPHTHALENE (sur.)	%	77	80	79		C175425
TERPHENYL-D14 (sur.)	%	83	49 (1)	81		C175425

RDL = Reportable Detection Limit

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

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

CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DXO854			DXO858			DXO861		
Sampling Date		2025/11/25			2025/11/25			2025/11/25		
COC Number		119086			119086			119086		
	UNITS	WLNG -EOP	RDL	QC Batch	BCR-EOP	RDL	QC Batch	DUP	RDL	QC Batch
Calculated Parameters										
VPH (VH6 to 10 - BTEX)	ug/L	ND	300	C175643	ND	300	C175643	ND	300	C175643
Volatiles										
VH C6-C10	ug/L	ND	300	C177102	ND	300	C175730	ND	300	C177102
1,1,1,2-tetrachloroethane	ug/L	ND	0.50	C177102	ND	0.50	C175730	ND	0.50	C177102
1,1,1-trichloroethane	ug/L	ND	0.50	C177102	ND	0.50	C175730	ND	0.50	C177102
1,1,2,2-tetrachloroethane	ug/L	ND	0.50	C177102	ND	0.50	C175730	ND	0.50	C177102
1,1,2Trichloro-1,2,2Trifluoroethane	ug/L	ND	2.0	C177102	ND	2.0	C175730	ND	2.0	C177102
1,1,2-trichloroethane	ug/L	ND	0.50	C177102	ND	0.50	C175730	ND	0.50	C177102
1,1-dichloroethane	ug/L	ND	0.50	C177102	ND	0.50	C175730	ND	0.50	C177102
1,1-dichloroethene	ug/L	ND	0.50	C177102	ND	0.50	C175730	ND	0.50	C177102
1,2,3-trichlorobenzene	ug/L	ND	2.0	C177102	ND	2.0	C175730	ND	2.0	C177102
1,2,4-trichlorobenzene	ug/L	ND	2.0	C177102	ND	2.0	C175730	ND	2.0	C177102
1,2-dibromoethane	ug/L	ND	0.20	C177102	ND	0.20	C175730	ND	0.20	C177102
1,2-dichlorobenzene	ug/L	ND	0.50	C177102	ND	0.50	C175730	ND	0.50	C177102
1,2-dichloroethane	ug/L	ND	0.50	C177102	ND	0.50	C175730	ND	0.50	C177102
1,2-dichloropropane	ug/L	ND	0.50	C177102	ND	0.50	C175730	ND	0.50	C177102
1,3,5-trimethylbenzene	ug/L	ND	2.0	C177102	ND	2.0	C175730	ND	2.0	C177102
1,3-Butadiene	ug/L	ND	0.50	C177102	ND	0.50	C175730	ND	0.50	C177102
1,3-dichlorobenzene	ug/L	ND	0.50	C177102	ND	0.50	C175730	ND	0.50	C177102
1,3-dichloropropane	ug/L	ND	1.0	C177102	ND	1.0	C175730	ND	1.0	C177102
1,4-dichlorobenzene	ug/L	ND (1)	1.0	C177102	ND	0.50	C175730	ND (1)	1.0	C177102
Benzene	ug/L	ND	0.40	C177102	ND	0.40	C175730	ND	0.40	C177102
Bromobenzene	ug/L	ND	2.0	C177102	ND	2.0	C175730	ND	2.0	C177102
Bromodichloromethane	ug/L	ND	1.0	C177102	ND	1.0	C175730	ND	1.0	C177102
Bromoform	ug/L	ND	1.0	C177102	ND	1.0	C175730	ND	1.0	C177102
Bromomethane	ug/L	ND	1.0	C177102	ND	1.0	C175730	ND	1.0	C177102
Carbon tetrachloride	ug/L	ND	0.50	C177102	ND	0.50	C175730	ND	0.50	C177102
Chlorobenzene	ug/L	ND	0.50	C177102	ND	0.50	C175730	ND	0.50	C177102
Dibromochloromethane	ug/L	ND	1.0	C177102	ND	1.0	C175730	ND	1.0	C177102
Chloroethane	ug/L	ND	1.0	C177102	ND	1.0	C175730	ND	1.0	C177102
Chloroform	ug/L	ND	1.0	C177102	ND	1.0	C175730	ND	1.0	C177102

RDL = Reportable Detection Limit
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
(1) Detection limit raised due to potential artifact

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

Bureau Veritas Job #: C596497
Report Date: 2025/12/09

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

CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DXO854			DXO858			DXO861		
Sampling Date		2025/11/25			2025/11/25			2025/11/25		
COC Number		119086			119086			119086		
	UNITS	WLNG -EOP	RDL	QC Batch	BCR-EOP	RDL	QC Batch	DUP	RDL	QC Batch
Chloromethane	ug/L	ND	1.0	C177102	ND	1.0	C175730	ND	1.0	C177102
cis-1,2-dichloroethene	ug/L	ND	1.0	C177102	ND	1.0	C175730	ND	1.0	C177102
cis-1,3-dichloropropene	ug/L	ND	1.0	C177102	ND	1.0	C175730	ND	1.0	C177102
Dichlorodifluoromethane	ug/L	ND	2.0	C177102	ND	2.0	C175730	ND	2.0	C177102
Dichloromethane	ug/L	ND	2.0	C177102	ND	2.0	C175730	ND	2.0	C177102
Ethylbenzene	ug/L	ND	0.40	C177102	ND	0.40	C175730	ND	0.40	C177102
Hexachlorobutadiene	ug/L	ND	0.50	C177102	ND	0.50	C175730	ND	0.50	C177102
Isopropylbenzene	ug/L	ND	2.0	C177102	ND	2.0	C175730	ND	2.0	C177102
Methyl-tert-butylether (MTBE)	ug/L	ND	4.0	C177102	ND	4.0	C175730	ND	4.0	C177102
Styrene	ug/L	0.56	0.50	C177102	ND	0.50	C175730	ND	0.50	C177102
Tetrachloroethene	ug/L	ND	0.50	C177102	ND	0.50	C175730	ND	0.50	C177102
Toluene	ug/L	ND	0.40	C177102	ND	0.40	C175730	ND	0.40	C177102
trans-1,2-dichloroethene	ug/L	ND	1.0	C177102	ND	1.0	C175730	ND	1.0	C177102
trans-1,3-dichloropropene	ug/L	ND	1.0	C177102	ND	1.0	C175730	ND	1.0	C177102
Trichloroethene	ug/L	ND	0.50	C177102	ND	0.50	C175730	ND	0.50	C177102
Trichlorofluoromethane	ug/L	ND	4.0	C177102	ND	4.0	C175730	ND	4.0	C177102
Vinyl chloride	ug/L	ND	0.50	C177102	ND	0.50	C175730	ND	0.50	C177102
m & p-Xylene	ug/L	ND	0.40	C177102	ND	0.40	C175730	ND	0.40	C177102
o-Xylene	ug/L	ND	0.40	C177102	ND	0.40	C175730	ND	0.40	C177102
Xylenes (Total)	ug/L	ND	0.40	C177102	ND	0.40	C175730	ND	0.40	C177102
Surrogate Recovery (%)										
1,4-Difluorobenzene (sur.)	%	100		C177102	101		C175730	100		C177102
4-Bromofluorobenzene (sur.)	%	84		C177102	85		C175730	82		C177102
D4-1,2-Dichloroethane (sur.)	%	85		C177102	96		C175730	83		C177102

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

GENERAL COMMENTS

Results relate only to the items tested.

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

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C175088	NJD	Matrix Spike	Total Sulphide	2025/11/27		73 (1)	%	80 - 120
C175088	NJD	Spiked Blank	Total Sulphide	2025/11/27		92	%	80 - 120
C175088	NJD	Method Blank	Total Sulphide	2025/11/27	ND, RDL=0.0018		mg/L	
C175088	NJD	RPD	Total Sulphide	2025/11/27	NC		%	20
C175162	GCM	Matrix Spike	Total Phosphorus (P)	2025/11/27		114	%	N/A
C175162	GCM	Spiked Blank	Total Phosphorus (P)	2025/11/27		109	%	80 - 120
C175162	GCM	Method Blank	Total Phosphorus (P)	2025/11/27	0.0016, RDL=0.0010		mg/L	
C175162	GCM	RPD	Total Phosphorus (P)	2025/11/27	18		%	20
C175313	BB3	Spiked Blank	Total Nitrogen (N)	2025/11/26		101	%	80 - 120
C175313	BB3	Method Blank	Total Nitrogen (N)	2025/11/26	ND, RDL=0.020		mg/L	
C175319	BTM	Matrix Spike	Dissolved Organic Carbon (C)	2025/11/26		108	%	80 - 120
C175319	BTM	Spiked Blank	Dissolved Organic Carbon (C)	2025/11/26		106	%	80 - 120
C175319	BTM	Method Blank	Dissolved Organic Carbon (C)	2025/11/26	ND, RDL=0.50		mg/L	
C175319	BTM	RPD	Dissolved Organic Carbon (C)	2025/11/26	0.43		%	20
C175351	BTM	Matrix Spike	Total Organic Carbon (C)	2025/11/26		112	%	80 - 120
C175351	BTM	Spiked Blank	Total Organic Carbon (C)	2025/11/26		106	%	80 - 120
C175351	BTM	Method Blank	Total Organic Carbon (C)	2025/11/26	ND, RDL=0.50		mg/L	
C175351	BTM	RPD	Total Organic Carbon (C)	2025/11/26	NC		%	20
C175425	ABV	Spiked Blank	D10-ANTHRACENE (sur.)	2025/11/26		92	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/11/26		87	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/11/26		75	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/11/26		97	%	50 - 140
			Quinoline	2025/11/26		105	%	50 - 140
			Naphthalene	2025/11/26		74	%	50 - 140
			1-Methylnaphthalene	2025/11/26		73	%	50 - 140
			2-Methylnaphthalene	2025/11/26		69	%	50 - 140
			Acenaphthylene	2025/11/26		83	%	50 - 140
			Acenaphthene	2025/11/26		83	%	50 - 140
			Fluorene	2025/11/26		84	%	50 - 140
			Phenanthrene	2025/11/26		88	%	50 - 140
			Anthracene	2025/11/26		90	%	50 - 140
			Acridine	2025/11/26		103	%	50 - 140
			Fluoranthene	2025/11/26		77	%	50 - 140
			Pyrene	2025/11/26		79	%	50 - 140
			Benzo(a)anthracene	2025/11/26		91	%	50 - 140
			Chrysene	2025/11/26		96	%	50 - 140
			Benzo(b&j)fluoranthene	2025/11/26		102	%	50 - 140
			Benzo(k)fluoranthene	2025/11/26		105	%	50 - 140
			Benzo(a)pyrene	2025/11/26		96	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/11/26		117	%	50 - 140
			Dibenz(a,h)anthracene	2025/11/26		120	%	50 - 140
			Benzo(g,h,i)perylene	2025/11/26		107	%	50 - 140
C175425	ABV	Method Blank	D10-ANTHRACENE (sur.)	2025/11/26		93	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/11/26		90	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/11/26		76	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/11/26		81	%	50 - 140
			Quinoline	2025/11/26	ND, RDL=0.020		ug/L	

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

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Naphthalene	2025/11/26	ND, RDL=0.10		ug/L	
			1-Methylnaphthalene	2025/11/26	ND, RDL=0.050		ug/L	
			2-Methylnaphthalene	2025/11/26	ND, RDL=0.10		ug/L	
			Acenaphthylene	2025/11/26	ND, RDL=0.050		ug/L	
			Acenaphthene	2025/11/26	ND, RDL=0.050		ug/L	
			Fluorene	2025/11/26	ND, RDL=0.050		ug/L	
			Phenanthrene	2025/11/26	ND, RDL=0.050		ug/L	
			Anthracene	2025/11/26	ND, RDL=0.010		ug/L	
			Acridine	2025/11/26	ND, RDL=0.050		ug/L	
			Fluoranthene	2025/11/26	ND, RDL=0.020		ug/L	
			Pyrene	2025/11/26	ND, RDL=0.020		ug/L	
			Benzo(a)anthracene	2025/11/26	ND, RDL=0.010		ug/L	
			Chrysene	2025/11/26	ND, RDL=0.020		ug/L	
			Benzo(b&j)fluoranthene	2025/11/26	ND, RDL=0.030		ug/L	
			Benzo(k)fluoranthene	2025/11/26	ND, RDL=0.050		ug/L	
			Benzo(a)pyrene	2025/11/26	ND, RDL=0.0050		ug/L	
			Indeno(1,2,3-cd)pyrene	2025/11/26	ND, RDL=0.050		ug/L	
			Dibenz(a,h)anthracene	2025/11/26	ND, RDL=0.0030		ug/L	
			Benzo(g,h,i)perylene	2025/11/26	ND, RDL=0.050		ug/L	
C175425	ABV	RPD	Quinoline	2025/11/27	NC		%	40
			Naphthalene	2025/11/27	2.2		%	40
			1-Methylnaphthalene	2025/11/27	2.6		%	40
			2-Methylnaphthalene	2025/11/27	1.8		%	40
			Acenaphthylene	2025/11/27	NC		%	40
			Acenaphthene	2025/11/27	NC		%	40
			Fluorene	2025/11/27	NC		%	40
			Phenanthrene	2025/11/27	NC		%	40
			Anthracene	2025/11/27	NC		%	40
			Acridine	2025/11/27	NC		%	40
			Fluoranthene	2025/11/27	NC		%	40
			Pyrene	2025/11/27	NC		%	40
			Benzo(a)anthracene	2025/11/27	NC		%	40
			Chrysene	2025/11/27	NC		%	40
			Benzo(b&j)fluoranthene	2025/11/27	NC		%	40
			Benzo(k)fluoranthene	2025/11/27	NC		%	40

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

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Benzo(a)pyrene	2025/11/27	NC		%	40
			Indeno(1,2,3-cd)pyrene	2025/11/27	NC		%	40
			Dibenz(a,h)anthracene	2025/11/27	NC		%	40
			Benzo(g,h,i)perylene	2025/11/27	NC		%	40
C175428	IT1	Spiked Blank	O-TERPHENYL (sur.)	2025/11/26		108	%	60 - 140
			EPH (C10-C19)	2025/11/26		96	%	70 - 130
			EPH (C19-C32)	2025/11/26		122	%	70 - 130
C175428	IT1	Method Blank	O-TERPHENYL (sur.)	2025/11/26		108	%	60 - 140
			EPH (C10-C19)	2025/11/26	ND, RDL=0.20		mg/L	
			EPH (C19-C32)	2025/11/26	ND, RDL=0.20		mg/L	
C175428	IT1	RPD	EPH (C10-C19)	2025/11/27	0.50		%	30
			EPH (C19-C32)	2025/11/27	NC		%	30
C175575	AAX	Matrix Spike	Methyl Sulfone (sur.)	2025/11/26		91	%	50 - 140
			Ethylene Glycol	2025/11/26		85	%	60 - 140
			Diethylene Glycol	2025/11/26		103	%	60 - 140
			Triethylene Glycol	2025/11/26		95	%	60 - 140
			Propylene Glycol	2025/11/26		89	%	60 - 140
C175575	AAX	Spiked Blank	Methyl Sulfone (sur.)	2025/11/26		91	%	50 - 140
			Ethylene Glycol	2025/11/26		87	%	70 - 130
			Diethylene Glycol	2025/11/26		104	%	70 - 130
			Triethylene Glycol	2025/11/26		97	%	70 - 130
			Propylene Glycol	2025/11/26		91	%	70 - 130
C175575	AAX	Method Blank	Methyl Sulfone (sur.)	2025/11/26		87	%	50 - 140
			Ethylene Glycol	2025/11/26	ND, RDL=3.0		mg/L	
			Diethylene Glycol	2025/11/26	ND, RDL=5.0		mg/L	
			Triethylene Glycol	2025/11/26	ND, RDL=5.0		mg/L	
			Propylene Glycol	2025/11/26	ND, RDL=5.0		mg/L	
C175575	AAX	RPD	Ethylene Glycol	2025/11/26	NC		%	30
			Diethylene Glycol	2025/11/26	NC		%	30
			Triethylene Glycol	2025/11/26	NC		%	30
			Propylene Glycol	2025/11/26	NC		%	30
C175730	NGU	Matrix Spike	1,4-Difluorobenzene (sur.)	2025/11/26		98	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/11/26		98	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/11/26		95	%	50 - 140
			1,1,1,2-tetrachloroethane	2025/11/26		86	%	50 - 140
			1,1,1-trichloroethane	2025/11/26		92	%	50 - 140
			1,1,2,2-tetrachloroethane	2025/11/26		92	%	50 - 140
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/11/26		86	%	50 - 140
			1,1,2-trichloroethane	2025/11/26		86	%	50 - 140
			1,1-dichloroethane	2025/11/26		97	%	50 - 140
			1,1-dichloroethene	2025/11/26		104	%	50 - 140
			1,2,3-trichlorobenzene	2025/11/26		101	%	50 - 140
			1,2,4-trichlorobenzene	2025/11/26		102	%	50 - 140
			1,2-dibromoethane	2025/11/26		85	%	50 - 140
			1,2-dichlorobenzene	2025/11/26		104	%	50 - 140
			1,2-dichloroethane	2025/11/26		84	%	50 - 140
			1,2-dichloropropane	2025/11/26		87	%	50 - 140

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			1,3,5-trimethylbenzene	2025/11/26		101	%	50 - 140
			1,3-Butadiene	2025/11/26		74	%	50 - 140
			1,3-dichlorobenzene	2025/11/26		107	%	50 - 140
			1,3-dichloropropane	2025/11/26		87	%	50 - 140
			1,4-dichlorobenzene	2025/11/26		95	%	50 - 140
			Benzene	2025/11/26		91	%	50 - 140
			Bromobenzene	2025/11/26		98	%	50 - 140
			Bromodichloromethane	2025/11/26		87	%	50 - 140
			Bromoform	2025/11/26		86	%	50 - 140
			Bromomethane	2025/11/26		77	%	50 - 140
			Carbon tetrachloride	2025/11/26		89	%	50 - 140
			Chlorobenzene	2025/11/26		88	%	50 - 140
			Dibromochloromethane	2025/11/26		83	%	50 - 140
			Chloroethane	2025/11/26		84	%	50 - 140
			Chloroform	2025/11/26		83	%	50 - 140
			Chloromethane	2025/11/26		87	%	50 - 140
			cis-1,2-dichloroethene	2025/11/26		87	%	50 - 140
			cis-1,3-dichloropropene	2025/11/26		87	%	50 - 140
			Dichlorodifluoromethane	2025/11/26		89	%	50 - 140
			Dichloromethane	2025/11/26		83	%	50 - 140
			Ethylbenzene	2025/11/26		100	%	50 - 140
			Hexachlorobutadiene	2025/11/26		98	%	50 - 140
			Isopropylbenzene	2025/11/26		95	%	50 - 140
			Methyl-tert-butylether (MTBE)	2025/11/26		77	%	50 - 140
			Styrene	2025/11/26		86	%	50 - 140
			Tetrachloroethene	2025/11/26		85	%	50 - 140
			Toluene	2025/11/26		92	%	50 - 140
			trans-1,2-dichloroethene	2025/11/26		96	%	50 - 140
			trans-1,3-dichloropropene	2025/11/26		66	%	50 - 140
			Trichloroethene	2025/11/26		85	%	50 - 140
			Trichlorofluoromethane	2025/11/26		86	%	50 - 140
			Vinyl chloride	2025/11/26		93	%	50 - 140
			m & p-Xylene	2025/11/26		104	%	50 - 140
			o-Xylene	2025/11/26		100	%	50 - 140
C175730	NGU	Spiked Blank	1,4-Difluorobenzene (sur.)	2025/11/27		98	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/11/27		98	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/11/27		96	%	50 - 140
			VH C6-C10	2025/11/27		116	%	70 - 130
			1,1,1,2-tetrachloroethane	2025/11/27		83	%	60 - 130
			1,1,1-trichloroethane	2025/11/27		91	%	60 - 130
			1,1,2,2-tetrachloroethane	2025/11/27		85	%	60 - 130
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/11/27		87	%	60 - 130
			1,1,2-trichloroethane	2025/11/27		84	%	60 - 130
			1,1-dichloroethane	2025/11/27		95	%	60 - 130
			1,1-dichloroethene	2025/11/27		105	%	60 - 130
			1,2,3-trichlorobenzene	2025/11/27		93	%	60 - 130
			1,2,4-trichlorobenzene	2025/11/27		95	%	60 - 130
			1,2-dibromoethane	2025/11/27		82	%	60 - 130
			1,2-dichlorobenzene	2025/11/27		98	%	60 - 130
			1,2-dichloroethane	2025/11/27		81	%	60 - 130
			1,2-dichloropropane	2025/11/27		85	%	60 - 130
			1,3,5-trimethylbenzene	2025/11/27		97	%	60 - 130
			1,3-Butadiene	2025/11/27		76	%	50 - 140

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			1,3-dichlorobenzene	2025/11/27		102	%	60 - 130
			1,3-dichloropropane	2025/11/27		84	%	60 - 130
			1,4-dichlorobenzene	2025/11/27		90	%	60 - 130
			Benzene	2025/11/27		90	%	60 - 130
			Bromobenzene	2025/11/27		93	%	60 - 130
			Bromodichloromethane	2025/11/27		85	%	60 - 130
			Bromoform	2025/11/27		82	%	60 - 130
			Bromomethane	2025/11/27		76	%	50 - 140
			Carbon tetrachloride	2025/11/27		89	%	60 - 130
			Chlorobenzene	2025/11/27		87	%	60 - 130
			Dibromochloromethane	2025/11/27		80	%	60 - 130
			Chloroethane	2025/11/27		83	%	50 - 140
			Chloroform	2025/11/27		85	%	60 - 130
			Chloromethane	2025/11/27		86	%	50 - 140
			cis-1,2-dichloroethene	2025/11/27		86	%	60 - 130
			cis-1,3-dichloropropene	2025/11/27		86	%	50 - 140
			Dichlorodifluoromethane	2025/11/27		92	%	50 - 140
			Dichloromethane	2025/11/27		82	%	60 - 130
			Ethylbenzene	2025/11/27		98	%	60 - 130
			Hexachlorobutadiene	2025/11/27		94	%	60 - 130
			Isopropylbenzene	2025/11/27		92	%	60 - 130
			Methyl-tert-butylether (MTBE)	2025/11/27		77	%	60 - 130
			Styrene	2025/11/27		87	%	60 - 130
			Tetrachloroethene	2025/11/27		86	%	60 - 130
			Toluene	2025/11/27		91	%	60 - 130
			trans-1,2-dichloroethene	2025/11/27		95	%	60 - 130
			trans-1,3-dichloropropene	2025/11/27		66	%	50 - 140
			Trichloroethene	2025/11/27		85	%	60 - 130
			Trichlorofluoromethane	2025/11/27		87	%	60 - 130
			Vinyl chloride	2025/11/27		94	%	50 - 140
			m & p-Xylene	2025/11/27		102	%	60 - 130
			o-Xylene	2025/11/27		98	%	60 - 130
C175730	NGU	Method Blank	1,4-Difluorobenzene (sur.)	2025/11/27		101	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/11/27		85	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/11/27		94	%	50 - 140
			VH C6-C10	2025/11/27	ND, RDL=300		ug/L	
			1,1,1,2-tetrachloroethane	2025/11/27	ND, RDL=0.50		ug/L	
			1,1,1-trichloroethane	2025/11/27	ND, RDL=0.50		ug/L	
			1,1,2,2-tetrachloroethane	2025/11/27	ND, RDL=0.50		ug/L	
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/11/27	ND, RDL=2.0		ug/L	
			1,1,2-trichloroethane	2025/11/27	ND, RDL=0.50		ug/L	
			1,1-dichloroethane	2025/11/27	ND, RDL=0.50		ug/L	
			1,1-dichloroethene	2025/11/27	ND, RDL=0.50		ug/L	
			1,2,3-trichlorobenzene	2025/11/27	ND, RDL=2.0		ug/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			1,2,4-trichlorobenzene	2025/11/27	ND, RDL=2.0		ug/L	
			1,2-dibromoethane	2025/11/27	ND, RDL=0.20		ug/L	
			1,2-dichlorobenzene	2025/11/27	ND, RDL=0.50		ug/L	
			1,2-dichloroethane	2025/11/27	ND, RDL=0.50		ug/L	
			1,2-dichloropropane	2025/11/27	ND, RDL=0.50		ug/L	
			1,3,5-trimethylbenzene	2025/11/27	ND, RDL=2.0		ug/L	
			1,3-Butadiene	2025/11/27	ND, RDL=0.50		ug/L	
			1,3-dichlorobenzene	2025/11/27	ND, RDL=0.50		ug/L	
			1,3-dichloropropane	2025/11/27	ND, RDL=1.0		ug/L	
			1,4-dichlorobenzene	2025/11/27	ND, RDL=0.50		ug/L	
			Benzene	2025/11/27	ND, RDL=0.40		ug/L	
			Bromobenzene	2025/11/27	ND, RDL=2.0		ug/L	
			Bromodichloromethane	2025/11/27	ND, RDL=1.0		ug/L	
			Bromoform	2025/11/27	ND, RDL=1.0		ug/L	
			Bromomethane	2025/11/27	ND, RDL=1.0		ug/L	
			Carbon tetrachloride	2025/11/27	ND, RDL=0.50		ug/L	
			Chlorobenzene	2025/11/27	ND, RDL=0.50		ug/L	
			Dibromochloromethane	2025/11/27	ND, RDL=1.0		ug/L	
			Chloroethane	2025/11/27	ND, RDL=1.0		ug/L	
			Chloroform	2025/11/27	ND, RDL=1.0		ug/L	
			Chloromethane	2025/11/27	ND, RDL=1.0		ug/L	
			cis-1,2-dichloroethene	2025/11/27	ND, RDL=1.0		ug/L	
			cis-1,3-dichloropropene	2025/11/27	ND, RDL=1.0		ug/L	
			Dichlorodifluoromethane	2025/11/27	ND, RDL=2.0		ug/L	
			Dichloromethane	2025/11/27	ND, RDL=2.0		ug/L	
			Ethylbenzene	2025/11/27	ND, RDL=0.40		ug/L	
			Hexachlorobutadiene	2025/11/27	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
			Isopropylbenzene	2025/11/27	ND, RDL=2.0		ug/L	
			Methyl-tert-butylether (MTBE)	2025/11/27	ND, RDL=4.0		ug/L	
			Styrene	2025/11/27	ND, RDL=0.50		ug/L	
			Tetrachloroethene	2025/11/27	ND, RDL=0.50		ug/L	
			Toluene	2025/11/27	ND, RDL=0.40		ug/L	
			trans-1,2-dichloroethene	2025/11/27	ND, RDL=1.0		ug/L	
			trans-1,3-dichloropropene	2025/11/27	ND, RDL=1.0		ug/L	
			Trichloroethene	2025/11/27	ND, RDL=0.50		ug/L	
			Trichlorofluoromethane	2025/11/27	ND, RDL=4.0		ug/L	
			Vinyl chloride	2025/11/27	ND, RDL=0.50		ug/L	
			m & p-Xylene	2025/11/27	ND, RDL=0.40		ug/L	
			o-Xylene	2025/11/27	ND, RDL=0.40		ug/L	
			Xylenes (Total)	2025/11/27	ND, RDL=0.40		ug/L	
C175730	NGU	RPD	Bromodichloromethane	2025/11/27	2.2		%	30
			Bromoform	2025/11/27	NC		%	30
			Dibromochloromethane	2025/11/27	NC		%	30
			Chloroform	2025/11/27	1.8		%	30
C175795	JLP	Spiked Blank	Alkalinity (Total as CaCO3)	2025/11/26		94	%	80 - 120
C175795	JLP	Method Blank	Alkalinity (PP as CaCO3)	2025/11/26	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/11/26	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/11/26	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/11/26	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/11/26	ND, RDL=1.0		mg/L	
C175795	JLP	RPD	Alkalinity (PP as CaCO3)	2025/11/26	NC		%	20
			Alkalinity (Total as CaCO3)	2025/11/26	0.48		%	20
			Bicarbonate (HCO3)	2025/11/26	0.48		%	20
			Carbonate (CO3)	2025/11/26	NC		%	20
			Hydroxide (OH)	2025/11/26	NC		%	20
C175804	JLP	Spiked Blank	pH	2025/11/26		100	%	97 - 103
C175804	JLP	RPD	pH	2025/11/26	0.94		%	N/A
C175829	AG8	Matrix Spike [DXO860-12]	Total Suspended Solids	2025/11/27		102	%	80 - 120
C175829	AG8	Spiked Blank	Total Suspended Solids	2025/11/27		102	%	80 - 120
C175829	AG8	Method Blank	Total Suspended Solids	2025/11/27	ND, RDL=1.0		mg/L	
C175829	AG8	RPD [DXO859-12]	Total Suspended Solids	2025/11/27	NC		%	20
C175873	AG8	Matrix Spike [DXO861-14]	Total Dissolved Solids	2025/11/27		102	%	80 - 120

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C175873	AG8	Spiked Blank	Total Dissolved Solids	2025/11/27		102	%	80 - 120
C175873	AG8	Method Blank	Total Dissolved Solids	2025/11/27	ND, RDL=10		mg/L	
C175873	AG8	RPD	Total Dissolved Solids	2025/11/27	1.5		%	20
C175887	JAV	Matrix Spike [DXO853-02]	Total Hex. Chromium (Cr 6+)	2025/11/26		84	%	80 - 120
C175887	JAV	Spiked Blank	Total Hex. Chromium (Cr 6+)	2025/11/26		109	%	80 - 120
C175887	JAV	Method Blank	Total Hex. Chromium (Cr 6+)	2025/11/26	ND, RDL=0.00099		mg/L	
C175887	JAV	RPD [DXO853-02]	Total Hex. Chromium (Cr 6+)	2025/11/26	NC		%	20
C175903	CBK	Matrix Spike	Chloride (Cl)	2025/11/26		110	%	80 - 120
			Sulphate (SO4)	2025/11/26		NC	%	80 - 120
C175903	CBK	Spiked Blank	Chloride (Cl)	2025/11/26		101	%	80 - 120
			Sulphate (SO4)	2025/11/26		100	%	80 - 120
C175903	CBK	Method Blank	Chloride (Cl)	2025/11/26	ND, RDL=1.0		mg/L	
			Sulphate (SO4)	2025/11/26	ND, RDL=1.0		mg/L	
C175903	CBK	RPD	Chloride (Cl)	2025/11/26	NC		%	20
			Sulphate (SO4)	2025/11/26	1.3		%	20
C175911	CBK	Matrix Spike [DXO857-06]	Chloride (Cl)	2025/11/26		114	%	80 - 120
			Sulphate (SO4)	2025/11/26		114	%	80 - 120
C175911	CBK	Spiked Blank	Chloride (Cl)	2025/11/26		100	%	80 - 120
			Sulphate (SO4)	2025/11/26		103	%	80 - 120
C175911	CBK	Method Blank	Chloride (Cl)	2025/11/26	ND, RDL=1.0		mg/L	
			Sulphate (SO4)	2025/11/26	ND, RDL=1.0		mg/L	
C175911	CBK	RPD [DXO857-06]	Chloride (Cl)	2025/11/26	3.7		%	20
			Sulphate (SO4)	2025/11/26	0.20		%	20
C175918	JGL	Matrix Spike	Nitrate plus Nitrite (N)	2025/11/26		NC	%	80 - 120
C175918	JGL	Spiked Blank	Nitrate plus Nitrite (N)	2025/11/26		107	%	80 - 120
C175918	JGL	Method Blank	Nitrate plus Nitrite (N)	2025/11/26	ND, RDL=0.020		mg/L	
C175918	JGL	RPD	Nitrate plus Nitrite (N)	2025/11/26	0.70		%	25
C175921	ESA	Matrix Spike	Total Ammonia (N)	2025/11/27		94	%	80 - 120
C175921	ESA	Spiked Blank	Total Ammonia (N)	2025/11/27		101	%	80 - 120
C175921	ESA	Method Blank	Total Ammonia (N)	2025/11/27	ND, RDL=0.015		mg/L	
C175921	ESA	RPD	Total Ammonia (N)	2025/11/27	NC		%	20
C175924	JGL	Matrix Spike	Nitrite (N)	2025/11/26		117	%	80 - 120
C175924	JGL	Spiked Blank	Nitrite (N)	2025/11/26		103	%	80 - 120
C175924	JGL	Method Blank	Nitrite (N)	2025/11/26	ND, RDL=0.0050		mg/L	
C175924	JGL	RPD	Nitrite (N)	2025/11/26	0.48		%	20
C176269	CJY	Matrix Spike	Dissolved Fluoride (F)	2025/11/26		104	%	80 - 120
C176269	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/11/26		105	%	80 - 120
C176269	CJY	Method Blank	Dissolved Fluoride (F)	2025/11/26	ND, RDL=0.050		mg/L	
C176269	CJY	RPD	Fluoride (F)	2025/11/26	2.9		%	20
C176728	AG8	Matrix Spike [DXO854-15]	Total Suspended Solids	2025/11/28		103	%	80 - 120
C176728	AG8	Spiked Blank	Total Suspended Solids	2025/11/28		99	%	80 - 120
C176728	AG8	Method Blank	Total Suspended Solids	2025/11/28	ND, RDL=1.0		mg/L	

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C176728	AG8	RPD	Total Suspended Solids	2025/11/28	NC		%	20
C176761	MEM	Matrix Spike	Dissolved Aluminum (Al)	2025/11/27		94	%	80 - 120
			Dissolved Antimony (Sb)	2025/11/27		NC	%	80 - 120
			Dissolved Arsenic (As)	2025/11/27		108	%	80 - 120
			Dissolved Barium (Ba)	2025/11/27		99	%	80 - 120
			Dissolved Beryllium (Be)	2025/11/27		83	%	80 - 120
			Dissolved Bismuth (Bi)	2025/11/27		91	%	80 - 120
			Dissolved Boron (B)	2025/11/27		85	%	80 - 120
			Dissolved Cadmium (Cd)	2025/11/27		100	%	80 - 120
			Dissolved Cesium (Cs)	2025/11/27		99	%	80 - 120
			Dissolved Chromium (Cr)	2025/11/27		100	%	80 - 120
			Dissolved Cobalt (Co)	2025/11/27		94	%	80 - 120
			Dissolved Copper (Cu)	2025/11/27		90	%	80 - 120
			Dissolved Iron (Fe)	2025/11/27		96	%	80 - 120
			Dissolved Lead (Pb)	2025/11/27		97	%	80 - 120
			Dissolved Lithium (Li)	2025/11/27		76 (1)	%	80 - 120
			Dissolved Manganese (Mn)	2025/11/27		NC	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/11/27		NC	%	80 - 120
			Dissolved Nickel (Ni)	2025/11/27		92	%	80 - 120
			Dissolved Phosphorus (P)	2025/11/27		103	%	80 - 120
			Dissolved Rubidium (Rb)	2025/11/27		NC	%	80 - 120
			Dissolved Selenium (Se)	2025/11/27		110	%	80 - 120
			Dissolved Silicon (Si)	2025/11/27		105	%	80 - 120
			Dissolved Silver (Ag)	2025/11/27		98	%	80 - 120
			Dissolved Strontium (Sr)	2025/11/27		NC	%	80 - 120
			Dissolved Tellurium (Te)	2025/11/27		103	%	80 - 120
			Dissolved Thallium (Tl)	2025/11/27		96	%	80 - 120
			Dissolved Thorium (Th)	2025/11/27		106	%	80 - 120
			Dissolved Tin (Sn)	2025/11/27		104	%	80 - 120
			Dissolved Titanium (Ti)	2025/11/27		101	%	80 - 120
			Dissolved Uranium (U)	2025/11/27		107	%	80 - 120
			Dissolved Vanadium (V)	2025/11/27		103	%	80 - 120
			Dissolved Zinc (Zn)	2025/11/27		NC	%	80 - 120
			Dissolved Zirconium (Zr)	2025/11/27		108	%	80 - 120
C176761	MEM	Spiked Blank	Dissolved Aluminum (Al)	2025/11/27		105	%	80 - 120
			Dissolved Antimony (Sb)	2025/11/27		103	%	80 - 120
			Dissolved Arsenic (As)	2025/11/27		103	%	80 - 120
			Dissolved Barium (Ba)	2025/11/27		101	%	80 - 120
			Dissolved Beryllium (Be)	2025/11/27		90	%	80 - 120
			Dissolved Bismuth (Bi)	2025/11/27		95	%	80 - 120
			Dissolved Boron (B)	2025/11/27		90	%	80 - 120
			Dissolved Cadmium (Cd)	2025/11/27		100	%	80 - 120
			Dissolved Cesium (Cs)	2025/11/27		98	%	80 - 120
			Dissolved Chromium (Cr)	2025/11/27		103	%	80 - 120
			Dissolved Cobalt (Co)	2025/11/27		100	%	80 - 120
			Dissolved Copper (Cu)	2025/11/27		100	%	80 - 120
			Dissolved Iron (Fe)	2025/11/27		103	%	80 - 120
			Dissolved Lead (Pb)	2025/11/27		98	%	80 - 120
			Dissolved Lithium (Li)	2025/11/27		85	%	80 - 120
			Dissolved Manganese (Mn)	2025/11/27		97	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/11/27		102	%	80 - 120
			Dissolved Nickel (Ni)	2025/11/27		102	%	80 - 120
			Dissolved Phosphorus (P)	2025/11/27		102	%	80 - 120

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Rubidium (Rb)	2025/11/27		99	%	80 - 120
			Dissolved Selenium (Se)	2025/11/27		107	%	80 - 120
			Dissolved Silicon (Si)	2025/11/27		106	%	80 - 120
			Dissolved Silver (Ag)	2025/11/27		98	%	80 - 120
			Dissolved Strontium (Sr)	2025/11/27		98	%	80 - 120
			Dissolved Tellurium (Te)	2025/11/27		100	%	80 - 120
			Dissolved Thallium (Tl)	2025/11/27		97	%	80 - 120
			Dissolved Thorium (Th)	2025/11/27		103	%	80 - 120
			Dissolved Tin (Sn)	2025/11/27		103	%	80 - 120
			Dissolved Titanium (Ti)	2025/11/27		100	%	80 - 120
			Dissolved Uranium (U)	2025/11/27		102	%	80 - 120
			Dissolved Vanadium (V)	2025/11/27		103	%	80 - 120
			Dissolved Zinc (Zn)	2025/11/27		102	%	80 - 120
			Dissolved Zirconium (Zr)	2025/11/27		107	%	80 - 120
C176761	MEM	Method Blank	Dissolved Aluminum (Al)	2025/11/27	ND, RDL=0.50		ug/L	
			Dissolved Antimony (Sb)	2025/11/27	ND, RDL=0.020		ug/L	
			Dissolved Arsenic (As)	2025/11/27	ND, RDL=0.020		ug/L	
			Dissolved Barium (Ba)	2025/11/27	ND, RDL=0.020		ug/L	
			Dissolved Beryllium (Be)	2025/11/27	ND, RDL=0.010		ug/L	
			Dissolved Bismuth (Bi)	2025/11/27	ND, RDL=0.0050		ug/L	
			Dissolved Boron (B)	2025/11/27	ND, RDL=10		ug/L	
			Dissolved Cadmium (Cd)	2025/11/27	ND, RDL=0.0050		ug/L	
			Dissolved Cesium (Cs)	2025/11/27	ND, RDL=0.050		ug/L	
			Dissolved Chromium (Cr)	2025/11/27	ND, RDL=0.10		ug/L	
			Dissolved Cobalt (Co)	2025/11/27	ND, RDL=0.0050		ug/L	
			Dissolved Copper (Cu)	2025/11/27	ND, RDL=0.050		ug/L	
			Dissolved Iron (Fe)	2025/11/27	ND, RDL=1.0		ug/L	
			Dissolved Lead (Pb)	2025/11/27	ND, RDL=0.0050		ug/L	
			Dissolved Lithium (Li)	2025/11/27	ND, RDL=0.50		ug/L	
			Dissolved Manganese (Mn)	2025/11/27	ND, RDL=0.050		ug/L	
			Dissolved Molybdenum (Mo)	2025/11/27	ND, RDL=0.050		ug/L	
			Dissolved Nickel (Ni)	2025/11/27	ND, RDL=0.020		ug/L	
			Dissolved Phosphorus (P)	2025/11/27	ND, RDL=2.0		ug/L	
			Dissolved Rubidium (Rb)	2025/11/27	ND, RDL=0.050		ug/L	

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Selenium (Se)	2025/11/27	ND, RDL=0.040		ug/L	
			Dissolved Silicon (Si)	2025/11/27	ND, RDL=50		ug/L	
			Dissolved Silver (Ag)	2025/11/27	ND, RDL=0.0050		ug/L	
			Dissolved Strontium (Sr)	2025/11/27	ND, RDL=0.050		ug/L	
			Dissolved Tellurium (Te)	2025/11/27	ND, RDL=0.020		ug/L	
			Dissolved Thallium (Tl)	2025/11/27	ND, RDL=0.0020		ug/L	
			Dissolved Thorium (Th)	2025/11/27	ND, RDL=0.0050		ug/L	
			Dissolved Tin (Sn)	2025/11/27	ND, RDL=0.20		ug/L	
			Dissolved Titanium (Ti)	2025/11/27	ND, RDL=0.50		ug/L	
			Dissolved Uranium (U)	2025/11/27	ND, RDL=0.0020		ug/L	
			Dissolved Vanadium (V)	2025/11/27	ND, RDL=0.20		ug/L	
			Dissolved Zinc (Zn)	2025/11/27	ND, RDL=0.10		ug/L	
			Dissolved Zirconium (Zr)	2025/11/27	ND, RDL=0.10		ug/L	
C176761	MEM	RPD	Dissolved Aluminum (Al)	2025/11/27	NC		%	20
			Dissolved Antimony (Sb)	2025/11/27	0.40		%	20
			Dissolved Arsenic (As)	2025/11/27	0.015		%	20
			Dissolved Barium (Ba)	2025/11/27	3.4		%	20
			Dissolved Beryllium (Be)	2025/11/27	NC		%	20
			Dissolved Bismuth (Bi)	2025/11/27	11		%	20
			Dissolved Boron (B)	2025/11/27	2.9		%	20
			Dissolved Cadmium (Cd)	2025/11/27	14		%	20
			Dissolved Chromium (Cr)	2025/11/27	NC		%	20
			Dissolved Cobalt (Co)	2025/11/27	1.3		%	20
			Dissolved Copper (Cu)	2025/11/27	2.4		%	20
			Dissolved Iron (Fe)	2025/11/27	14		%	20
			Dissolved Lead (Pb)	2025/11/27	2.4		%	20
			Dissolved Lithium (Li)	2025/11/27	2.9		%	20
			Dissolved Manganese (Mn)	2025/11/27	1.4		%	20
			Dissolved Molybdenum (Mo)	2025/11/27	0.86		%	20
			Dissolved Nickel (Ni)	2025/11/27	0.44		%	20
			Dissolved Selenium (Se)	2025/11/27	3.3		%	20
			Dissolved Silicon (Si)	2025/11/27	0.23		%	20
			Dissolved Silver (Ag)	2025/11/27	NC		%	20
			Dissolved Strontium (Sr)	2025/11/27	0.76		%	20
			Dissolved Thallium (Tl)	2025/11/27	1.8		%	20
			Dissolved Tin (Sn)	2025/11/27	NC		%	20
			Dissolved Titanium (Ti)	2025/11/27	NC		%	20
			Dissolved Uranium (U)	2025/11/27	1.3		%	20
			Dissolved Vanadium (V)	2025/11/27	NC		%	20
			Dissolved Zinc (Zn)	2025/11/27	0.44		%	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 Zirconium (Zr)	2025/11/27	NC		%	20
C176940	BB3	Matrix Spike [DXO860-09]	Total Nitrogen (N)	2025/11/28		107	%	80 - 120
C176940	BB3	Spiked Blank	Total Nitrogen (N)	2025/11/28		112	%	80 - 120
C176940	BB3	Method Blank	Total Nitrogen (N)	2025/11/28	ND, RDL=0.020		mg/L	
C176940	BB3	RPD [DXO860-09]	Total Nitrogen (N)	2025/11/28	NC		%	20
C176946	MEM	Matrix Spike	Total Aluminum (Al)	2025/11/27		100	%	80 - 120
			Total Antimony (Sb)	2025/11/27		103	%	80 - 120
			Total Arsenic (As)	2025/11/27		105	%	80 - 120
			Total Barium (Ba)	2025/11/27		101	%	80 - 120
			Total Beryllium (Be)	2025/11/27		94	%	80 - 120
			Total Bismuth (Bi)	2025/11/27		94	%	80 - 120
			Total Boron (B)	2025/11/27		92	%	80 - 120
			Total Cadmium (Cd)	2025/11/27		104	%	80 - 120
			Total Cesium (Cs)	2025/11/27		97	%	80 - 120
			Total Chromium (Cr)	2025/11/27		103	%	80 - 120
			Total Cobalt (Co)	2025/11/27		101	%	80 - 120
			Total Copper (Cu)	2025/11/27		99	%	80 - 120
			Total Iron (Fe)	2025/11/27		104	%	80 - 120
			Total Lead (Pb)	2025/11/27		98	%	80 - 120
			Total Lithium (Li)	2025/11/27		90	%	80 - 120
			Total Manganese (Mn)	2025/11/27		98	%	80 - 120
			Total Molybdenum (Mo)	2025/11/27		107	%	80 - 120
			Total Nickel (Ni)	2025/11/27		104	%	80 - 120
			Total Phosphorus (P)	2025/11/27		101	%	80 - 120
			Total Rubidium (Rb)	2025/11/27		95	%	80 - 120
			Total Selenium (Se)	2025/11/27		110	%	80 - 120
			Total Silicon (Si)	2025/11/27		111	%	80 - 120
			Total Silver (Ag)	2025/11/27		104	%	80 - 120
			Total Strontium (Sr)	2025/11/27		99	%	80 - 120
			Total Tellurium (Te)	2025/11/27		99	%	80 - 120
			Total Thallium (Tl)	2025/11/27		97	%	80 - 120
			Total Thorium (Th)	2025/11/27		107	%	80 - 120
			Total Tin (Sn)	2025/11/27		105	%	80 - 120
			Total Titanium (Ti)	2025/11/27		99	%	80 - 120
			Total Uranium (U)	2025/11/27		106	%	80 - 120
			Total Vanadium (V)	2025/11/27		105	%	80 - 120
			Total Zinc (Zn)	2025/11/27		102	%	80 - 120
			Total Zirconium (Zr)	2025/11/27		105	%	80 - 120
C176946	MEM	Spiked Blank	Total Aluminum (Al)	2025/11/27		101	%	80 - 120
			Total Antimony (Sb)	2025/11/27		102	%	80 - 120
			Total Arsenic (As)	2025/11/27		104	%	80 - 120
			Total Barium (Ba)	2025/11/27		101	%	80 - 120
			Total Beryllium (Be)	2025/11/27		90	%	80 - 120
			Total Bismuth (Bi)	2025/11/27		96	%	80 - 120
			Total Boron (B)	2025/11/27		92	%	80 - 120
			Total Cadmium (Cd)	2025/11/27		101	%	80 - 120
			Total Cesium (Cs)	2025/11/27		99	%	80 - 120
			Total Chromium (Cr)	2025/11/27		103	%	80 - 120
			Total Cobalt (Co)	2025/11/27		100	%	80 - 120
			Total Copper (Cu)	2025/11/27		100	%	80 - 120
			Total Iron (Fe)	2025/11/27		103	%	80 - 120
			Total Lead (Pb)	2025/11/27		99	%	80 - 120

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Lithium (Li)	2025/11/27		86	%	80 - 120
			Total Manganese (Mn)	2025/11/27		98	%	80 - 120
			Total Molybdenum (Mo)	2025/11/27		103	%	80 - 120
			Total Nickel (Ni)	2025/11/27		102	%	80 - 120
			Total Phosphorus (P)	2025/11/27		102	%	80 - 120
			Total Rubidium (Rb)	2025/11/27		96	%	80 - 120
			Total Selenium (Se)	2025/11/27		105	%	80 - 120
			Total Silicon (Si)	2025/11/27		108	%	80 - 120
			Total Silver (Ag)	2025/11/27		101	%	80 - 120
			Total Strontium (Sr)	2025/11/27		97	%	80 - 120
			Total Tellurium (Te)	2025/11/27		96	%	80 - 120
			Total Thallium (Tl)	2025/11/27		99	%	80 - 120
			Total Thorium (Th)	2025/11/27		108	%	80 - 120
			Total Tin (Sn)	2025/11/27		103	%	80 - 120
			Total Titanium (Ti)	2025/11/27		101	%	80 - 120
			Total Uranium (U)	2025/11/27		104	%	80 - 120
			Total Vanadium (V)	2025/11/27		103	%	80 - 120
			Total Zinc (Zn)	2025/11/27		101	%	80 - 120
			Total Zirconium (Zr)	2025/11/27		103	%	80 - 120
C176946	MEM	Method Blank	Total Aluminum (Al)	2025/11/27	ND, RDL=0.50		ug/L	
			Total Antimony (Sb)	2025/11/27	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/11/27	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/11/27	ND, RDL=0.020		ug/L	
			Total Beryllium (Be)	2025/11/27	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/11/27	ND, RDL=0.0050		ug/L	
			Total Boron (B)	2025/11/27	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/11/27	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/11/27	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/11/27	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/11/27	ND, RDL=0.0050		ug/L	
			Total Copper (Cu)	2025/11/27	ND, RDL=0.050		ug/L	
			Total Iron (Fe)	2025/11/27	ND, RDL=1.0		ug/L	
			Total Lead (Pb)	2025/11/27	ND, RDL=0.0050		ug/L	
			Total Lithium (Li)	2025/11/27	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/11/27	ND, RDL=0.050		ug/L	
			Total Molybdenum (Mo)	2025/11/27	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 Nickel (Ni)	2025/11/27	ND, RDL=0.020		ug/L	
			Total Phosphorus (P)	2025/11/27	ND, RDL=2.0		ug/L	
			Total Rubidium (Rb)	2025/11/27	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/11/27	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/11/27	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/11/27	ND, RDL=0.0050		ug/L	
			Total Strontium (Sr)	2025/11/27	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/11/27	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/11/27	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/11/27	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/11/27	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/11/27	ND, RDL=0.50		ug/L	
			Total Uranium (U)	2025/11/27	ND, RDL=0.0020		ug/L	
			Total Vanadium (V)	2025/11/27	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/11/27	ND, RDL=0.10		ug/L	
			Total Zirconium (Zr)	2025/11/27	ND, RDL=0.10		ug/L	
C176946	MEM	RPD	Total Aluminum (Al)	2025/11/27	3.4		%	20
			Total Arsenic (As)	2025/11/27	2.5		%	20
			Total Cadmium (Cd)	2025/11/27	NC		%	20
			Total Cobalt (Co)	2025/11/27	6.5		%	20
			Total Copper (Cu)	2025/11/27	0.60		%	20
			Total Lead (Pb)	2025/11/27	11		%	20
			Total Molybdenum (Mo)	2025/11/27	11		%	20
			Total Phosphorus (P)	2025/11/27	NC		%	20
			Total Selenium (Se)	2025/11/27	6.8		%	20
			Total Thallium (Tl)	2025/11/27	NC		%	20
			Total Uranium (U)	2025/11/27	0.96		%	20
			Total Vanadium (V)	2025/11/27	NC		%	20
			Total Zinc (Zn)	2025/11/27	5.6		%	20
C176946	MEM	RPD [DXO859-08]	Total Aluminum (Al)	2025/11/27	NC		%	20
			Total Antimony (Sb)	2025/11/27	NC		%	20
			Total Arsenic (As)	2025/11/27	NC		%	20
			Total Barium (Ba)	2025/11/27	NC		%	20
			Total Beryllium (Be)	2025/11/27	NC		%	20
			Total Bismuth (Bi)	2025/11/27	NC		%	20
			Total Boron (B)	2025/11/27	NC		%	20
			Total Cadmium (Cd)	2025/11/27	NC		%	20
			Total Cesium (Cs)	2025/11/27	NC		%	20

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Chromium (Cr)	2025/11/27	NC		%	20
			Total Cobalt (Co)	2025/11/27	NC		%	20
			Total Copper (Cu)	2025/11/27	NC		%	20
			Total Iron (Fe)	2025/11/27	NC		%	20
			Total Lead (Pb)	2025/11/27	NC		%	20
			Total Lithium (Li)	2025/11/27	NC		%	20
			Total Manganese (Mn)	2025/11/27	NC		%	20
			Total Molybdenum (Mo)	2025/11/27	NC		%	20
			Total Nickel (Ni)	2025/11/27	NC		%	20
			Total Phosphorus (P)	2025/11/27	NC		%	20
			Total Rubidium (Rb)	2025/11/27	NC		%	20
			Total Selenium (Se)	2025/11/27	NC		%	20
			Total Silicon (Si)	2025/11/27	NC		%	20
			Total Silver (Ag)	2025/11/27	NC		%	20
			Total Strontium (Sr)	2025/11/27	NC		%	20
			Total Tellurium (Te)	2025/11/27	NC		%	20
			Total Thallium (Tl)	2025/11/27	NC		%	20
			Total Thorium (Th)	2025/11/27	NC		%	20
			Total Tin (Sn)	2025/11/27	NC		%	20
			Total Titanium (Ti)	2025/11/27	NC		%	20
			Total Uranium (U)	2025/11/27	NC		%	20
			Total Vanadium (V)	2025/11/27	NC		%	20
			Total Zinc (Zn)	2025/11/27	19		%	20
			Total Zirconium (Zr)	2025/11/27	NC		%	20
C177029	MEM	Matrix Spike	Total Aluminum (Al)	2025/11/27		98	%	80 - 120
			Total Antimony (Sb)	2025/11/27		101	%	80 - 120
			Total Arsenic (As)	2025/11/27		122 (1)	%	80 - 120
			Total Barium (Ba)	2025/11/27		NC	%	80 - 120
			Total Beryllium (Be)	2025/11/27		93	%	80 - 120
			Total Bismuth (Bi)	2025/11/27		90	%	80 - 120
			Total Boron (B)	2025/11/27		95	%	80 - 120
			Total Cadmium (Cd)	2025/11/27		100	%	80 - 120
			Total Cesium (Cs)	2025/11/27		100	%	80 - 120
			Total Chromium (Cr)	2025/11/27		96	%	80 - 120
			Total Cobalt (Co)	2025/11/27		92	%	80 - 120
			Total Copper (Cu)	2025/11/27		89	%	80 - 120
			Total Iron (Fe)	2025/11/27		NC	%	80 - 120
			Total Lead (Pb)	2025/11/27		94	%	80 - 120
			Total Lithium (Li)	2025/11/27		89	%	80 - 120
			Total Manganese (Mn)	2025/11/27		NC	%	80 - 120
			Total Molybdenum (Mo)	2025/11/27		106	%	80 - 120
			Total Nickel (Ni)	2025/11/27		90	%	80 - 120
			Total Phosphorus (P)	2025/11/27		102	%	80 - 120
			Total Rubidium (Rb)	2025/11/27		105	%	80 - 120
			Total Selenium (Se)	2025/11/27		103	%	80 - 120
			Total Silicon (Si)	2025/11/27		NC	%	80 - 120
			Total Silver (Ag)	2025/11/27		96	%	80 - 120
			Total Strontium (Sr)	2025/11/27		NC	%	80 - 120
			Total Tellurium (Te)	2025/11/27		100	%	80 - 120
			Total Thallium (Tl)	2025/11/27		96	%	80 - 120
			Total Thorium (Th)	2025/11/27		103	%	80 - 120
			Total Tin (Sn)	2025/11/27		100	%	80 - 120
			Total Titanium (Ti)	2025/11/27		98	%	80 - 120

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Uranium (U)	2025/11/27		99	%	80 - 120
			Total Vanadium (V)	2025/11/27		100	%	80 - 120
			Total Zinc (Zn)	2025/11/27		95	%	80 - 120
			Total Zirconium (Zr)	2025/11/27		110	%	80 - 120
C177029	MEM	Spiked Blank	Total Aluminum (Al)	2025/11/27		106	%	80 - 120
			Total Antimony (Sb)	2025/11/27		103	%	80 - 120
			Total Arsenic (As)	2025/11/27		108	%	80 - 120
			Total Barium (Ba)	2025/11/27		105	%	80 - 120
			Total Beryllium (Be)	2025/11/27		101	%	80 - 120
			Total Bismuth (Bi)	2025/11/27		100	%	80 - 120
			Total Boron (B)	2025/11/27		103	%	80 - 120
			Total Cadmium (Cd)	2025/11/27		105	%	80 - 120
			Total Cesium (Cs)	2025/11/27		105	%	80 - 120
			Total Chromium (Cr)	2025/11/27		105	%	80 - 120
			Total Cobalt (Co)	2025/11/27		104	%	80 - 120
			Total Copper (Cu)	2025/11/27		103	%	80 - 120
			Total Iron (Fe)	2025/11/27		105	%	80 - 120
			Total Lead (Pb)	2025/11/27		101	%	80 - 120
			Total Lithium (Li)	2025/11/27		100	%	80 - 120
			Total Manganese (Mn)	2025/11/27		103	%	80 - 120
			Total Molybdenum (Mo)	2025/11/27		105	%	80 - 120
			Total Nickel (Ni)	2025/11/27		103	%	80 - 120
			Total Phosphorus (P)	2025/11/27		107	%	80 - 120
			Total Rubidium (Rb)	2025/11/27		104	%	80 - 120
			Total Selenium (Se)	2025/11/27		108	%	80 - 120
			Total Silicon (Si)	2025/11/27		116	%	80 - 120
			Total Silver (Ag)	2025/11/27		103	%	80 - 120
			Total Strontium (Sr)	2025/11/27		104	%	80 - 120
			Total Tellurium (Te)	2025/11/27		99	%	80 - 120
			Total Thallium (Tl)	2025/11/27		102	%	80 - 120
			Total Thorium (Th)	2025/11/27		105	%	80 - 120
			Total Tin (Sn)	2025/11/27		103	%	80 - 120
			Total Titanium (Ti)	2025/11/27		102	%	80 - 120
			Total Uranium (U)	2025/11/27		105	%	80 - 120
			Total Vanadium (V)	2025/11/27		104	%	80 - 120
			Total Zinc (Zn)	2025/11/27		105	%	80 - 120
			Total Zirconium (Zr)	2025/11/27		106	%	80 - 120
C177029	MEM	Method Blank	Total Aluminum (Al)	2025/11/27	ND, RDL=3.0		ug/L	
			Total Antimony (Sb)	2025/11/27	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/11/27	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/11/27	ND, RDL=0.050		ug/L	
			Total Beryllium (Be)	2025/11/27	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/11/27	ND, RDL=0.010		ug/L	
			Total Boron (B)	2025/11/27	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/11/27	ND, RDL=0.0050		ug/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Cesium (Cs)	2025/11/27	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/11/27	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/11/27	ND, RDL=0.010		ug/L	
			Total Copper (Cu)	2025/11/27	ND, RDL=0.10		ug/L	
			Total Iron (Fe)	2025/11/27	ND, RDL=5.0		ug/L	
			Total Lead (Pb)	2025/11/27	ND, RDL=0.020		ug/L	
			Total Lithium (Li)	2025/11/27	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/11/27	ND, RDL=0.10		ug/L	
			Total Molybdenum (Mo)	2025/11/27	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/11/27	ND, RDL=0.10		ug/L	
			Total Phosphorus (P)	2025/11/27	ND, RDL=5.0		ug/L	
			Total Rubidium (Rb)	2025/11/27	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/11/27	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/11/27	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/11/27	ND, RDL=0.010		ug/L	
			Total Strontium (Sr)	2025/11/27	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/11/27	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/11/27	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/11/27	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/11/27	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/11/27	ND, RDL=2.0		ug/L	
			Total Uranium (U)	2025/11/27	ND, RDL=0.0050		ug/L	
			Total Vanadium (V)	2025/11/27	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/11/27	ND, RDL=1.0		ug/L	
			Total Zirconium (Zr)	2025/11/27	ND, RDL=0.10		ug/L	
C177029	MEM	RPD	Total Aluminum (Al)	2025/11/27	90 (1)		%	20
			Total Antimony (Sb)	2025/11/27	4.7		%	20
			Total Arsenic (As)	2025/11/27	8.0		%	20
			Total Barium (Ba)	2025/11/27	28 (1)		%	20

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Beryllium (Be)	2025/11/27	NC		%	20
			Total Bismuth (Bi)	2025/11/27	NC		%	20
			Total Boron (B)	2025/11/27	0.20		%	20
			Total Cadmium (Cd)	2025/11/27	NC		%	20
			Total Chromium (Cr)	2025/11/27	69 (1)		%	20
			Total Cobalt (Co)	2025/11/27	75 (1)		%	20
			Total Copper (Cu)	2025/11/27	48 (1)		%	20
			Total Iron (Fe)	2025/11/27	91 (1)		%	20
			Total Lead (Pb)	2025/11/27	NC		%	20
			Total Lithium (Li)	2025/11/27	6.5		%	20
			Total Manganese (Mn)	2025/11/27	9.8		%	20
			Total Molybdenum (Mo)	2025/11/27	3.5		%	20
			Total Nickel (Ni)	2025/11/27	63 (1)		%	20
			Total Phosphorus (P)	2025/11/27	13		%	20
			Total Selenium (Se)	2025/11/27	0.37		%	20
			Total Silicon (Si)	2025/11/27	4.4		%	20
			Total Silver (Ag)	2025/11/27	NC		%	20
			Total Strontium (Sr)	2025/11/27	2.9		%	20
			Total Thallium (Tl)	2025/11/27	13		%	20
			Total Tin (Sn)	2025/11/27	NC		%	20
			Total Titanium (Ti)	2025/11/27	NC		%	20
			Total Uranium (U)	2025/11/27	2.1		%	20
			Total Vanadium (V)	2025/11/27	NC		%	20
			Total Zinc (Zn)	2025/11/27	102 (1)		%	20
			Total Zirconium (Zr)	2025/11/27	NC		%	20
C177102	NGU	Matrix Spike	1,4-Difluorobenzene (sur.)	2025/11/27		100	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/11/27		95	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/11/27		81	%	50 - 140
			1,1,1,2-tetrachloroethane	2025/11/27		76	%	50 - 140
			1,1,1-trichloroethane	2025/11/27		82	%	50 - 140
			1,1,2,2-tetrachloroethane	2025/11/27		80	%	50 - 140
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/11/27		77	%	50 - 140
			1,1,2-trichloroethane	2025/11/27		74	%	50 - 140
			1,1-dichloroethane	2025/11/27		86	%	50 - 140
			1,1-dichloroethene	2025/11/27		93	%	50 - 140
			1,2,3-trichlorobenzene	2025/11/27		89	%	50 - 140
			1,2,4-trichlorobenzene	2025/11/27		89	%	50 - 140
			1,2-dibromoethane	2025/11/27		77	%	50 - 140
			1,2-dichlorobenzene	2025/11/27		90	%	50 - 140
			1,2-dichloroethane	2025/11/27		77	%	50 - 140
			1,2-dichloropropane	2025/11/27		78	%	50 - 140
			1,3,5-trimethylbenzene	2025/11/27		92	%	50 - 140
			1,3-Butadiene	2025/11/27		66	%	50 - 140
			1,3-dichlorobenzene	2025/11/27		96	%	50 - 140
			1,3-dichloropropane	2025/11/27		71	%	50 - 140
			1,4-dichlorobenzene	2025/11/27		82	%	50 - 140
			Benzene	2025/11/27		79	%	50 - 140
			Bromobenzene	2025/11/27		88	%	50 - 140
			Bromodichloromethane	2025/11/27		75	%	50 - 140
			Bromoform	2025/11/27		77	%	50 - 140
			Bromomethane	2025/11/27		76	%	50 - 140
			Carbon tetrachloride	2025/11/27		80	%	50 - 140
			Chlorobenzene	2025/11/27		79	%	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
			Dibromochloromethane	2025/11/27		74	%	50 - 140
			Chloroethane	2025/11/27		84	%	50 - 140
			Chloroform	2025/11/27		78	%	50 - 140
			Chloromethane	2025/11/27		78	%	50 - 140
			cis-1,2-dichloroethene	2025/11/27		79	%	50 - 140
			cis-1,3-dichloropropene	2025/11/27		76	%	50 - 140
			Dichlorodifluoromethane	2025/11/27		78	%	50 - 140
			Dichloromethane	2025/11/27		81	%	50 - 140
			Ethylbenzene	2025/11/27		84	%	50 - 140
			Hexachlorobutadiene	2025/11/27		84	%	50 - 140
			Isopropylbenzene	2025/11/27		96	%	50 - 140
			Methyl-tert-butylether (MTBE)	2025/11/27		72	%	50 - 140
			Styrene	2025/11/27		75	%	50 - 140
			Tetrachloroethene	2025/11/27		78	%	50 - 140
			Toluene	2025/11/27		79	%	50 - 140
			trans-1,2-dichloroethene	2025/11/27		87	%	50 - 140
			trans-1,3-dichloropropene	2025/11/27		69	%	50 - 140
			Trichloroethene	2025/11/27		77	%	50 - 140
			Trichlorofluoromethane	2025/11/27		78	%	50 - 140
			Vinyl chloride	2025/11/27		82	%	50 - 140
			m & p-Xylene	2025/11/27		100	%	50 - 140
			o-Xylene	2025/11/27		86	%	50 - 140
C177102	NGU	Spiked Blank	1,4-Difluorobenzene (sur.)	2025/11/27		102	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/11/27		96	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/11/27		80	%	50 - 140
			VH C6-C10	2025/11/27		106	%	70 - 130
			1,1,1,2-tetrachloroethane	2025/11/27		71	%	60 - 130
			1,1,1-trichloroethane	2025/11/27		76	%	60 - 130
			1,1,2,2-tetrachloroethane	2025/11/27		76	%	60 - 130
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/11/27		70	%	60 - 130
			1,1,2-trichloroethane	2025/11/27		69	%	60 - 130
			1,1-dichloroethane	2025/11/27		79	%	60 - 130
			1,1-dichloroethene	2025/11/27		85	%	60 - 130
			1,2,3-trichlorobenzene	2025/11/27		84	%	60 - 130
			1,2,4-trichlorobenzene	2025/11/27		84	%	60 - 130
			1,2-dibromoethane	2025/11/27		71	%	60 - 130
			1,2-dichlorobenzene	2025/11/27		85	%	60 - 130
			1,2-dichloroethane	2025/11/27		70	%	60 - 130
			1,2-dichloropropane	2025/11/27		72	%	60 - 130
			1,3,5-trimethylbenzene	2025/11/27		86	%	60 - 130
			1,3-Butadiene	2025/11/27		61	%	50 - 140
			1,3-dichlorobenzene	2025/11/27		89	%	60 - 130
			1,3-dichloropropane	2025/11/27		66	%	60 - 130
			1,4-dichlorobenzene	2025/11/27		76	%	60 - 130
			Benzene	2025/11/27		74	%	60 - 130
			Bromobenzene	2025/11/27		83	%	60 - 130
			Bromodichloromethane	2025/11/27		70	%	60 - 130
			Bromoform	2025/11/27		72	%	60 - 130
			Bromomethane	2025/11/27		66	%	50 - 140
			Carbon tetrachloride	2025/11/27		73	%	60 - 130
			Chlorobenzene	2025/11/27		74	%	60 - 130
			Dibromochloromethane	2025/11/27		68	%	60 - 130
			Chloroethane	2025/11/27		75	%	50 - 140

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Chloroform	2025/11/27		71	%	60 - 130
			Chloromethane	2025/11/27		72	%	50 - 140
			cis-1,2-dichloroethene	2025/11/27		72	%	60 - 130
			cis-1,3-dichloropropene	2025/11/27		68	%	50 - 140
			Dichlorodifluoromethane	2025/11/27		73	%	50 - 140
			Dichloromethane	2025/11/27		73	%	60 - 130
			Ethylbenzene	2025/11/27		79	%	60 - 130
			Hexachlorobutadiene	2025/11/27		78	%	60 - 130
			Isopropylbenzene	2025/11/27		90	%	60 - 130
			Methyl-tert-butylether (MTBE)	2025/11/27		67	%	60 - 130
			Styrene	2025/11/27		71	%	60 - 130
			Tetrachloroethene	2025/11/27		73	%	60 - 130
			Toluene	2025/11/27		74	%	60 - 130
			trans-1,2-dichloroethene	2025/11/27		79	%	60 - 130
			trans-1,3-dichloropropene	2025/11/27		61	%	50 - 140
			Trichloroethene	2025/11/27		70	%	60 - 130
			Trichlorofluoromethane	2025/11/27		72	%	60 - 130
			Vinyl chloride	2025/11/27		75	%	50 - 140
			m & p-Xylene	2025/11/27		93	%	60 - 130
			o-Xylene	2025/11/27		80	%	60 - 130
C177102	NGU	Method Blank	1,4-Difluorobenzene (sur.)	2025/11/27		103	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/11/27		80	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/11/27		83	%	50 - 140
			VH C6-C10	2025/11/27	ND, RDL=300		ug/L	
			1,1,1,2-tetrachloroethane	2025/11/27	ND, RDL=0.50		ug/L	
			1,1,1-trichloroethane	2025/11/27	ND, RDL=0.50		ug/L	
			1,1,2,2-tetrachloroethane	2025/11/27	ND, RDL=0.50		ug/L	
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/11/27	ND, RDL=2.0		ug/L	
			1,1,2-trichloroethane	2025/11/27	ND, RDL=0.50		ug/L	
			1,1-dichloroethane	2025/11/27	ND, RDL=0.50		ug/L	
			1,1-dichloroethene	2025/11/27	ND, RDL=0.50		ug/L	
			1,2,3-trichlorobenzene	2025/11/27	ND, RDL=2.0		ug/L	
			1,2,4-trichlorobenzene	2025/11/27	ND, RDL=2.0		ug/L	
			1,2-dibromoethane	2025/11/27	ND, RDL=0.20		ug/L	
			1,2-dichlorobenzene	2025/11/27	ND, RDL=0.50		ug/L	
			1,2-dichloroethane	2025/11/27	ND, RDL=0.50		ug/L	
			1,2-dichloropropane	2025/11/27	ND, RDL=0.50		ug/L	
			1,3,5-trimethylbenzene	2025/11/27	ND, RDL=2.0		ug/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			1,3-Butadiene	2025/11/27	ND, RDL=0.50		ug/L	
			1,3-dichlorobenzene	2025/11/27	ND, RDL=0.50		ug/L	
			1,3-dichloropropane	2025/11/27	ND, RDL=1.0		ug/L	
			1,4-dichlorobenzene	2025/11/27	ND, RDL=0.50		ug/L	
			Benzene	2025/11/27	ND, RDL=0.40		ug/L	
			Bromobenzene	2025/11/27	ND, RDL=2.0		ug/L	
			Bromodichloromethane	2025/11/27	ND, RDL=1.0		ug/L	
			Bromoform	2025/11/27	ND, RDL=1.0		ug/L	
			Bromomethane	2025/11/27	ND, RDL=1.0		ug/L	
			Carbon tetrachloride	2025/11/27	ND, RDL=0.50		ug/L	
			Chlorobenzene	2025/11/27	ND, RDL=0.50		ug/L	
			Dibromochloromethane	2025/11/27	ND, RDL=1.0		ug/L	
			Chloroethane	2025/11/27	ND, RDL=1.0		ug/L	
			Chloroform	2025/11/27	ND, RDL=1.0		ug/L	
			Chloromethane	2025/11/27	ND, RDL=1.0		ug/L	
			cis-1,2-dichloroethene	2025/11/27	ND, RDL=1.0		ug/L	
			cis-1,3-dichloropropene	2025/11/27	ND, RDL=1.0		ug/L	
			Dichlorodifluoromethane	2025/11/27	ND, RDL=2.0		ug/L	
			Dichloromethane	2025/11/27	ND, RDL=2.0		ug/L	
			Ethylbenzene	2025/11/27	ND, RDL=0.40		ug/L	
			Hexachlorobutadiene	2025/11/27	ND, RDL=0.50		ug/L	
			Isopropylbenzene	2025/11/27	ND, RDL=2.0		ug/L	
			Methyl-tert-butylether (MTBE)	2025/11/27	ND, RDL=4.0		ug/L	
			Styrene	2025/11/27	ND, RDL=0.50		ug/L	
			Tetrachloroethene	2025/11/27	ND, RDL=0.50		ug/L	
			Toluene	2025/11/27	ND, RDL=0.40		ug/L	
			trans-1,2-dichloroethene	2025/11/27	ND, RDL=1.0		ug/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			trans-1,3-dichloropropene	2025/11/27	ND, RDL=1.0		ug/L	
			Trichloroethene	2025/11/27	ND, RDL=0.50		ug/L	
			Trichlorofluoromethane	2025/11/27	ND, RDL=4.0		ug/L	
			Vinyl chloride	2025/11/27	ND, RDL=0.50		ug/L	
			m & p-Xylene	2025/11/27	ND, RDL=0.40		ug/L	
			o-Xylene	2025/11/27	ND, RDL=0.40		ug/L	
			Xylenes (Total)	2025/11/27	ND, RDL=0.40		ug/L	
C177102	NGU	RPD	VH C6-C10	2025/11/28	NC		%	30
			1,1,1,2-tetrachloroethane	2025/11/28	NC		%	30
			1,1,1-trichloroethane	2025/11/28	NC		%	30
			1,1,2,2-tetrachloroethane	2025/11/28	NC		%	30
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/11/28	NC		%	30
			1,1,2-trichloroethane	2025/11/28	NC		%	30
			1,1-dichloroethane	2025/11/28	NC		%	30
			1,1-dichloroethene	2025/11/28	NC		%	30
			1,2,3-trichlorobenzene	2025/11/28	NC		%	30
			1,2,4-trichlorobenzene	2025/11/28	NC		%	30
			1,2-dibromoethane	2025/11/28	NC		%	30
			1,2-dichlorobenzene	2025/11/28	NC		%	30
			1,2-dichloroethane	2025/11/28	NC		%	30
			1,2-dichloropropane	2025/11/28	NC		%	30
			1,3,5-trimethylbenzene	2025/11/28	NC		%	30
			1,3-Butadiene	2025/11/28	NC		%	30
			1,3-dichlorobenzene	2025/11/28	NC		%	30
			1,3-dichloropropane	2025/11/28	NC		%	30
			1,4-dichlorobenzene	2025/11/28	NC (2)		%	30
			Benzene	2025/11/28	NC		%	30
			Bromobenzene	2025/11/28	NC		%	30
			Bromodichloromethane	2025/11/28	NC		%	30
			Bromoform	2025/11/28	NC		%	30
			Bromomethane	2025/11/28	NC		%	30
			Carbon tetrachloride	2025/11/28	NC		%	30
			Chlorobenzene	2025/11/28	NC		%	30
			Dibromochloromethane	2025/11/28	NC		%	30
			Chloroethane	2025/11/28	NC		%	30
			Chloroform	2025/11/28	NC		%	30
			Chloromethane	2025/11/28	NC		%	30
			cis-1,2-dichloroethene	2025/11/28	NC		%	30
			cis-1,3-dichloropropene	2025/11/28	NC		%	30
			Dichlorodifluoromethane	2025/11/28	NC		%	30
			Dichloromethane	2025/11/28	NC		%	30
			Ethylbenzene	2025/11/28	NC		%	30
			Hexachlorobutadiene	2025/11/28	NC		%	30
			Isopropylbenzene	2025/11/28	NC		%	30
			Methyl-tert-butylether (MTBE)	2025/11/28	NC		%	30
			Styrene	2025/11/28	NC		%	30

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Tetrachloroethene	2025/11/28	NC		%	30
			Toluene	2025/11/28	NC		%	30
			trans-1,2-dichloroethene	2025/11/28	NC		%	30
			trans-1,3-dichloropropene	2025/11/28	NC		%	30
			Trichloroethene	2025/11/28	NC		%	30
			Trichlorofluoromethane	2025/11/28	NC		%	30
			Vinyl chloride	2025/11/28	NC		%	30
			m & p-Xylene	2025/11/28	NC		%	30
			o-Xylene	2025/11/28	NC		%	30
			Xylenes (Total)	2025/11/28	NC		%	30
C177167	C2L	Matrix Spike	Total Mercury (Hg)	2025/11/27		107	%	80 - 120
C177167	C2L	Spiked Blank	Total Mercury (Hg)	2025/11/27		100	%	80 - 120
C177167	C2L	Method Blank	Total Mercury (Hg)	2025/11/27	ND, RDL=0.0019		ug/L	
C177167	C2L	RPD	Total Mercury (Hg)	2025/11/27	1.3		%	20
C177179	MDO	Matrix Spike	Phenols	2025/11/27		99	%	80 - 120
C177179	MDO	Spiked Blank	Phenols	2025/11/27		98	%	80 - 120
C177179	MDO	Method Blank	Phenols	2025/11/27	ND, RDL=0.0015		mg/L	
C177179	MDO	RPD	Phenols	2025/11/27	NC		%	20
C177189	KEG	Matrix Spike	Bromide (Br)	2025/11/27		107	%	78 - 120
C177189	KEG	Spiked Blank	Bromide (Br)	2025/11/27		100	%	80 - 120
C177189	KEG	Method Blank	Bromide (Br)	2025/11/27	ND, RDL=0.010		mg/L	
C177189	KEG	RPD	Bromide (Br)	2025/11/27	2.4		%	20
C177211	KEG	Matrix Spike	Bromide (Br)	2025/11/27		99	%	78 - 120
C177211	KEG	Spiked Blank	Bromide (Br)	2025/11/27		95	%	80 - 120
C177211	KEG	Method Blank	Bromide (Br)	2025/11/27	ND, RDL=0.010		mg/L	
C177211	KEG	RPD	Bromide (Br)	2025/11/27	1.8		%	20
C177214	C2L	Matrix Spike	Dissolved Mercury (Hg)	2025/11/27		110	%	80 - 120
C177214	C2L	Spiked Blank	Dissolved Mercury (Hg)	2025/11/27		99	%	80 - 120
C177214	C2L	Method Blank	Dissolved Mercury (Hg)	2025/11/27	ND, RDL=0.0019		ug/L	
C177214	C2L	RPD	Dissolved Mercury (Hg)	2025/11/27	NC		%	20
C177760	DSX	Matrix Spike [DXO854-05]	Total Sulphide	2025/11/28		86	%	80 - 120
C177760	DSX	Spiked Blank	Total Sulphide	2025/11/28		90	%	80 - 120
C177760	DSX	Method Blank	Total Sulphide	2025/11/28	ND, RDL=0.0018		mg/L	
C177760	DSX	RPD [DXO853-04]	Total Sulphide	2025/11/28	NC		%	20
C177945	C2L	Matrix Spike	Total Mercury (Hg)	2025/11/28		100	%	80 - 120
C177945	C2L	Spiked Blank	Total Mercury (Hg)	2025/11/28		95	%	80 - 120
C177945	C2L	Method Blank	Total Mercury (Hg)	2025/11/28	ND, RDL=0.0019		ug/L	
C177945	C2L	RPD	Total Mercury (Hg)	2025/11/28	6.0		%	20
C178052	JAV	Matrix Spike	Total Organic Carbon (C)	2025/11/28		112	%	80 - 120
C178052	JAV	Spiked Blank	Total Organic Carbon (C)	2025/11/28		107	%	80 - 120
C178052	JAV	Method Blank	Total Organic Carbon (C)	2025/11/28	ND, RDL=0.50		mg/L	
C178052	JAV	RPD	Total Organic Carbon (C)	2025/11/28	1.7		%	20
C178639	CJY	Matrix Spike	Dissolved Fluoride (F)	2025/11/29		NC	%	80 - 120
C178639	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/11/29		102	%	80 - 120

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C178639	CJY	Method Blank	Dissolved Fluoride (F)	2025/11/29	ND, RDL=0.050		mg/L	
C178639	CJY	RPD	Fluoride (F)	2025/11/29	1.2		%	20
C178645	CJY	Matrix Spike	Dissolved Fluoride (F)	2025/11/29		NC	%	80 - 120
C178645	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/11/29		102	%	80 - 120
C178645	CJY	Method Blank	Dissolved Fluoride (F)	2025/11/29	ND, RDL=0.050		mg/L	
C178645	CJY	RPD	Fluoride (F)	2025/11/29	2.0		%	20
C179819	MEM	Matrix Spike	Bromide (Br)	2025/12/01		97	%	78 - 120
C179819	MEM	Spiked Blank	Bromide (Br)	2025/12/01		95	%	80 - 120
C179819	MEM	Method Blank	Bromide (Br)	2025/12/01	ND, RDL=0.010		mg/L	
C179819	MEM	RPD	Bromide (Br)	2025/12/01	8.8		%	20
C180405	C2L	Matrix Spike [DXO853-03]	Dissolved Mercury (Hg)	2025/12/02		105	%	80 - 120
C180405	C2L	Spiked Blank	Dissolved Mercury (Hg)	2025/12/02		104	%	80 - 120
C180405	C2L	Method Blank	Dissolved Mercury (Hg)	2025/12/02	ND, RDL=0.0019		ug/L	
C180405	C2L	RPD [DXO853-03]	Dissolved Mercury (Hg)	2025/12/02	4.6		%	20
C182054	CBK	Matrix Spike	Chloride (Cl)	2025/12/03		NC	%	80 - 120
			Sulphate (SO4)	2025/12/03		123 (1)	%	80 - 120
C182054	CBK	Spiked Blank	Chloride (Cl)	2025/12/03		97	%	80 - 120
			Sulphate (SO4)	2025/12/03		96	%	80 - 120
C182054	CBK	Method Blank	Chloride (Cl)	2025/12/03	ND, RDL=1.0		mg/L	
			Sulphate (SO4)	2025/12/03	ND, RDL=1.0		mg/L	
C182054	CBK	RPD	Chloride (Cl)	2025/12/03	0.42		%	20
			Sulphate (SO4)	2025/12/03	1.7		%	20
C183793	AA1	Matrix Spike [DXZ501-01]	Total Aluminum (Al)	2025/12/05		106	%	80 - 120
			Total Antimony (Sb)	2025/12/05		102	%	80 - 120
			Total Arsenic (As)	2025/12/05		106	%	80 - 120
			Total Barium (Ba)	2025/12/05		NC	%	80 - 120
			Total Beryllium (Be)	2025/12/05		109	%	80 - 120
			Total Bismuth (Bi)	2025/12/05		91	%	80 - 120
			Total Boron (B)	2025/12/05		117	%	80 - 120
			Total Cadmium (Cd)	2025/12/05		94	%	80 - 120
			Total Cesium (Cs)	2025/12/05		90	%	80 - 120
			Total Chromium (Cr)	2025/12/05		91	%	80 - 120
			Total Cobalt (Co)	2025/12/05		89	%	80 - 120
			Total Copper (Cu)	2025/12/05		87	%	80 - 120
			Total Iron (Fe)	2025/12/05		97	%	80 - 120
			Total Lead (Pb)	2025/12/05		94	%	80 - 120
			Total Lithium (Li)	2025/12/05		99	%	80 - 120
			Total Manganese (Mn)	2025/12/05		90	%	80 - 120
			Total Molybdenum (Mo)	2025/12/05		NC	%	80 - 120
			Total Nickel (Ni)	2025/12/05		88	%	80 - 120
			Total Phosphorus (P)	2025/12/05		106	%	80 - 120
			Total Rubidium (Rb)	2025/12/05		NC	%	80 - 120
			Total Selenium (Se)	2025/12/05		97	%	80 - 120
			Total Silicon (Si)	2025/12/05		NC	%	80 - 120
			Total Silver (Ag)	2025/12/05		92	%	80 - 120
			Total Strontium (Sr)	2025/12/05		NC	%	80 - 120
			Total Tellurium (Te)	2025/12/05		97	%	80 - 120

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			Total Thallium (Tl)	2025/12/05		95	%	80 - 120
			Total Thorium (Th)	2025/12/05		97	%	80 - 120
			Total Tin (Sn)	2025/12/05		100	%	80 - 120
			Total Titanium (Ti)	2025/12/05		102	%	80 - 120
			Total Uranium (U)	2025/12/05		99	%	80 - 120
			Total Vanadium (V)	2025/12/05		95	%	80 - 120
			Total Zinc (Zn)	2025/12/05		71 (1)	%	80 - 120
			Total Zirconium (Zr)	2025/12/05		107	%	80 - 120
C183793	AA1	Spiked Blank	Total Aluminum (Al)	2025/12/05		103	%	80 - 120
			Total Antimony (Sb)	2025/12/05		105	%	80 - 120
			Total Arsenic (As)	2025/12/05		105	%	80 - 120
			Total Barium (Ba)	2025/12/05		105	%	80 - 120
			Total Beryllium (Be)	2025/12/05		108	%	80 - 120
			Total Bismuth (Bi)	2025/12/05		99	%	80 - 120
			Total Boron (B)	2025/12/05		112	%	80 - 120
			Total Cadmium (Cd)	2025/12/05		101	%	80 - 120
			Total Cesium (Cs)	2025/12/05		94	%	80 - 120
			Total Chromium (Cr)	2025/12/05		104	%	80 - 120
			Total Cobalt (Co)	2025/12/05		101	%	80 - 120
			Total Copper (Cu)	2025/12/05		103	%	80 - 120
			Total Iron (Fe)	2025/12/05		106	%	80 - 120
			Total Lead (Pb)	2025/12/05		101	%	80 - 120
			Total Lithium (Li)	2025/12/05		110	%	80 - 120
			Total Manganese (Mn)	2025/12/05		98	%	80 - 120
			Total Molybdenum (Mo)	2025/12/05		104	%	80 - 120
			Total Nickel (Ni)	2025/12/05		96	%	80 - 120
			Total Phosphorus (P)	2025/12/05		104	%	80 - 120
			Total Rubidium (Rb)	2025/12/05		95	%	80 - 120
			Total Selenium (Se)	2025/12/05		101	%	80 - 120
			Total Silicon (Si)	2025/12/05		106	%	80 - 120
			Total Silver (Ag)	2025/12/05		100	%	80 - 120
			Total Strontium (Sr)	2025/12/05		100	%	80 - 120
			Total Tellurium (Te)	2025/12/05		103	%	80 - 120
			Total Thallium (Tl)	2025/12/05		100	%	80 - 120
			Total Thorium (Th)	2025/12/05		104	%	80 - 120
			Total Tin (Sn)	2025/12/05		102	%	80 - 120
			Total Titanium (Ti)	2025/12/05		104	%	80 - 120
			Total Uranium (U)	2025/12/05		99	%	80 - 120
			Total Vanadium (V)	2025/12/05		102	%	80 - 120
			Total Zinc (Zn)	2025/12/05		103	%	80 - 120
			Total Zirconium (Zr)	2025/12/05		103	%	80 - 120
C183793	AA1	Method Blank	Total Aluminum (Al)	2025/12/05	ND, RDL=0.50		ug/L	
			Total Antimony (Sb)	2025/12/05	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/12/05	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/12/05	ND, RDL=0.020		ug/L	
			Total Beryllium (Be)	2025/12/05	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/12/05	ND, RDL=0.0050		ug/L	

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			Total Boron (B)	2025/12/05	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/12/05	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/12/05	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/12/05	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/12/05	ND, RDL=0.0050		ug/L	
			Total Copper (Cu)	2025/12/05	ND, RDL=0.050		ug/L	
			Total Iron (Fe)	2025/12/05	ND, RDL=1.0		ug/L	
			Total Lead (Pb)	2025/12/05	ND, RDL=0.0050		ug/L	
			Total Lithium (Li)	2025/12/05	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/12/05	ND, RDL=0.050		ug/L	
			Total Molybdenum (Mo)	2025/12/05	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/12/05	ND, RDL=0.020		ug/L	
			Total Phosphorus (P)	2025/12/05	ND, RDL=2.0		ug/L	
			Total Rubidium (Rb)	2025/12/05	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/12/05	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/12/05	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/12/05	ND, RDL=0.0050		ug/L	
			Total Strontium (Sr)	2025/12/05	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/12/05	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/12/05	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/12/05	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/12/05	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/12/05	ND, RDL=0.50		ug/L	
			Total Uranium (U)	2025/12/05	ND, RDL=0.0020		ug/L	
			Total Vanadium (V)	2025/12/05	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/12/05	ND, RDL=0.10		ug/L	
			Total Zirconium (Zr)	2025/12/05	ND, RDL=0.10		ug/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C183793	AA1	RPD	Total Aluminum (Al)	2025/12/05	NC		%	20
			Total Antimony (Sb)	2025/12/05	NC		%	20
			Total Arsenic (As)	2025/12/05	NC		%	20
			Total Barium (Ba)	2025/12/05	7.6		%	20
			Total Beryllium (Be)	2025/12/05	NC		%	20
			Total Bismuth (Bi)	2025/12/05	NC		%	20
			Total Boron (B)	2025/12/05	NC		%	20
			Total Cadmium (Cd)	2025/12/05	NC		%	20
			Total Chromium (Cr)	2025/12/05	NC		%	20
			Total Cobalt (Co)	2025/12/05	NC		%	20
			Total Copper (Cu)	2025/12/05	13		%	20
			Total Iron (Fe)	2025/12/05	NC		%	20
			Total Lead (Pb)	2025/12/05	NC		%	20
			Total Lithium (Li)	2025/12/05	NC		%	20
			Total Manganese (Mn)	2025/12/05	NC		%	20
			Total Molybdenum (Mo)	2025/12/05	NC		%	20
			Total Nickel (Ni)	2025/12/05	4.0		%	20
			Total Selenium (Se)	2025/12/05	NC		%	20
			Total Silicon (Si)	2025/12/05	NC		%	20
			Total Silver (Ag)	2025/12/05	NC		%	20
			Total Strontium (Sr)	2025/12/05	NC		%	20
			Total Thallium (Tl)	2025/12/05	NC		%	20
			Total Tin (Sn)	2025/12/05	NC		%	20
			Total Titanium (Ti)	2025/12/05	NC		%	20
			Total Uranium (U)	2025/12/05	NC		%	20
			Total Vanadium (V)	2025/12/05	NC		%	20
			Total Zinc (Zn)	2025/12/05	1.9		%	20
			Total Zirconium (Zr)	2025/12/05	NC		%	20
C183793	AA1	RPD [DXZ501-01]	Total Aluminum (Al)	2025/12/05	3.9		%	20
			Total Antimony (Sb)	2025/12/05	1.2		%	20
			Total Arsenic (As)	2025/12/05	0.39		%	20
			Total Barium (Ba)	2025/12/05	0.87		%	20
			Total Beryllium (Be)	2025/12/05	9.5		%	20
			Total Bismuth (Bi)	2025/12/05	NC		%	20
			Total Boron (B)	2025/12/05	7.2		%	20
			Total Cadmium (Cd)	2025/12/05	6.6		%	20
			Total Cesium (Cs)	2025/12/05	0.59		%	20
			Total Chromium (Cr)	2025/12/05	NC		%	20
			Total Cobalt (Co)	2025/12/05	5.1		%	20
			Total Copper (Cu)	2025/12/05	8.4		%	20
			Total Iron (Fe)	2025/12/05	1.4		%	20
			Total Lead (Pb)	2025/12/05	0.29		%	20
			Total Lithium (Li)	2025/12/05	0.57		%	20
			Total Manganese (Mn)	2025/12/05	2.2		%	20
			Total Molybdenum (Mo)	2025/12/05	2.0		%	20
			Total Nickel (Ni)	2025/12/05	5.3		%	20
			Total Phosphorus (P)	2025/12/05	5.7		%	20
			Total Rubidium (Rb)	2025/12/05	1.1		%	20
			Total Selenium (Se)	2025/12/05	1.7		%	20
			Total Silicon (Si)	2025/12/05	2.3		%	20
			Total Silver (Ag)	2025/12/05	NC		%	20
			Total Strontium (Sr)	2025/12/05	3.0		%	20
			Total Tellurium (Te)	2025/12/05	NC		%	20

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

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Thallium (Tl)	2025/12/05	14		%	20
			Total Thorium (Th)	2025/12/05	NC		%	20
			Total Tin (Sn)	2025/12/05	NC		%	20
			Total Titanium (Ti)	2025/12/05	6.2		%	20
			Total Uranium (U)	2025/12/05	0.023		%	20
			Total Vanadium (V)	2025/12/05	0.34		%	20
			Total Zinc (Zn)	2025/12/05	12		%	20
			Total Zirconium (Zr)	2025/12/05	NC		%	20

N/A = Not Applicable

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

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

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

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

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

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

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

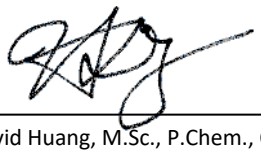
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

(2) Detection limit raised due to potential artifact

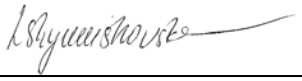
Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

VALIDATION SIGNATURE PAGE

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

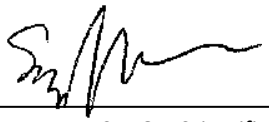


David Huang, M.Sc., P.Chem., QP, Scientific Services Manager

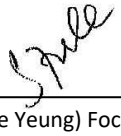


Luba Shymushovska, B.Sc., QP, Senior Analyst, Organics

Melissa Thompson, Scientist



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



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

Veronica Laporte, B.Sc., Supervisor, Customer Solutions

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

VALIDATION SIGNATURE PAGE(CONT'D)

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

reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rob Gilbert, BBY General Manager responsible for British Columbia Environmental laboratory operations.

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

C596497
2025/11/25 16:46

08559245

Custody Tracking Form

W119086

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.

First Sample: WLNG-DS
Last Sample: DUP
Sample Count: 9

Relinquished By				Received By			
		Date	11-25-2025			Date	2025/11/25
		Time (24 HR)	16:44	Emmanuel Salido	EL	Time (24 HR)	
		Date				Date	
		Time (24 HR)				Time (24 HR)	
		Date				Date	
		Time (24 HR)				Time (24 HR)	

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

Triage Information

Sampled By (Print)

# of Coolers/Pkgs: 6

! PUSH FOR ! BCR EOP !

Immediate Test ☐ Rush ☐

☑ REGULAR EVERYTHING ELSE

Micro ☐

***** LABORATORY USE ONLY *****

Received At

Lab Comments:

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

MVAN-2025-11-1828

COR FCD-00383/5

Page 1 of 1

C596497
2025/11/25 16:46

ADDITIONAL COOLER TEMPERATURE RECORD

CHAIN-OF-CUSTODY RECORD

COOLER OBSERVATIONS: Hatfield

BV RECEIPT#:

	CUSTODY SEAL	YES	NO	COOLER ID					CUSTODY SEAL	YES	NO	COOLER ID					CUSTODY SEAL	YES	NO	COOLER ID			
1	PRESENT			TEMP	6	9	9	11	PRESENT			TEMP				21	PRESENT			TEMP			
	INTACT				1	2	3		INTACT				1	2	3		INTACT				1	2	3
	ICE PRESENT								ICE PRESENT								ICE PRESENT						
2	CUSTODY SEAL	YES	NO	COOLER ID				12	CUSTODY SEAL	YES	NO	COOLER ID				22	CUSTODY SEAL	YES	NO	COOLER ID			
	PRESENT			TEMP	7	7	10		PRESENT			TEMP					PRESENT			TEMP			
	INTACT				1	2	3		INTACT				1	2	3		INTACT				1	2	3
	ICE PRESENT								ICE PRESENT								ICE PRESENT						
3	CUSTODY SEAL	YES	NO	COOLER ID				13	CUSTODY SEAL	YES	NO	COOLER ID				23	CUSTODY SEAL	YES	NO	COOLER ID			
	PRESENT			TEMP	7	6	7		PRESENT			TEMP					PRESENT			TEMP			
	INTACT				1	2	3		INTACT				1	2	3		INTACT				1	2	3
	ICE PRESENT								ICE PRESENT								ICE PRESENT						
4	CUSTODY SEAL	YES	NO	COOLER ID				14	CUSTODY SEAL	YES	NO	COOLER ID				24	CUSTODY SEAL	YES	NO	COOLER ID			
	PRESENT			TEMP	8	8	8		PRESENT			TEMP					PRESENT			TEMP			
	INTACT				1	2	3		INTACT				1	2	3		INTACT				1	2	3
	ICE PRESENT								ICE PRESENT								ICE PRESENT						
5	CUSTODY SEAL	YES	NO	COOLER ID				15	CUSTODY SEAL	YES	NO	COOLER ID				25	CUSTODY SEAL	YES	NO	COOLER ID			
	PRESENT			TEMP	2	6	7		PRESENT			TEMP					PRESENT			TEMP			
	INTACT				1	2	3		INTACT				1	2	3		INTACT				1	2	3
	ICE PRESENT								ICE PRESENT								ICE PRESENT						
6	CUSTODY SEAL	YES	NO	COOLER ID				16	CUSTODY SEAL	YES	NO	COOLER ID				26	CUSTODY SEAL	YES	NO	COOLER ID			
	PRESENT			TEMP	7	8	7		PRESENT			TEMP					PRESENT			TEMP			
	INTACT				1	2	3		INTACT				1	2	3		INTACT				1	2	3
	ICE PRESENT								ICE PRESENT								ICE PRESENT						
7	CUSTODY SEAL	YES	NO	COOLER ID				17	CUSTODY SEAL	YES	NO	COOLER ID				27	CUSTODY SEAL	YES	NO	COOLER ID			
	PRESENT			TEMP					PRESENT			TEMP					PRESENT			TEMP			
	INTACT				1	2	3		INTACT				1	2	3		INTACT				1	2	3
	ICE PRESENT								ICE PRESENT								ICE PRESENT						
8	CUSTODY SEAL	YES	NO	COOLER ID				18	CUSTODY SEAL	YES	NO	COOLER ID				28	CUSTODY SEAL	YES	NO	COOLER ID			
	PRESENT			TEMP					PRESENT			TEMP					PRESENT			TEMP			
	INTACT				1	2	3		INTACT				1	2	3		INTACT				1	2	3
	ICE PRESENT								ICE PRESENT								ICE PRESENT						
9	CUSTODY SEAL	YES	NO	COOLER ID				19	CUSTODY SEAL	YES	NO	COOLER ID				29	CUSTODY SEAL	YES	NO	COOLER ID			
	PRESENT			TEMP					PRESENT			TEMP					PRESENT			TEMP			
	INTACT				1	2	3		INTACT				1	2	3		INTACT				1	2	3
	ICE PRESENT								ICE PRESENT								ICE PRESENT						
10	CUSTODY SEAL	YES	NO	COOLER ID				20	CUSTODY SEAL	YES	NO	COOLER ID				30	CUSTODY SEAL	YES	NO	COOLER ID			
	PRESENT			TEMP					PRESENT			TEMP					PRESENT			TEMP			
	INTACT				1	2	3		INTACT				1	2	3		INTACT				1	2	3
	ICE PRESENT								ICE PRESENT								ICE PRESENT						

RECEIVED BY (SIGN & PRINT)	DATE (YYYY/MM/DD)	TIME (HH:MM)
Emmanuel Salido ES	2025/11/25	16:46

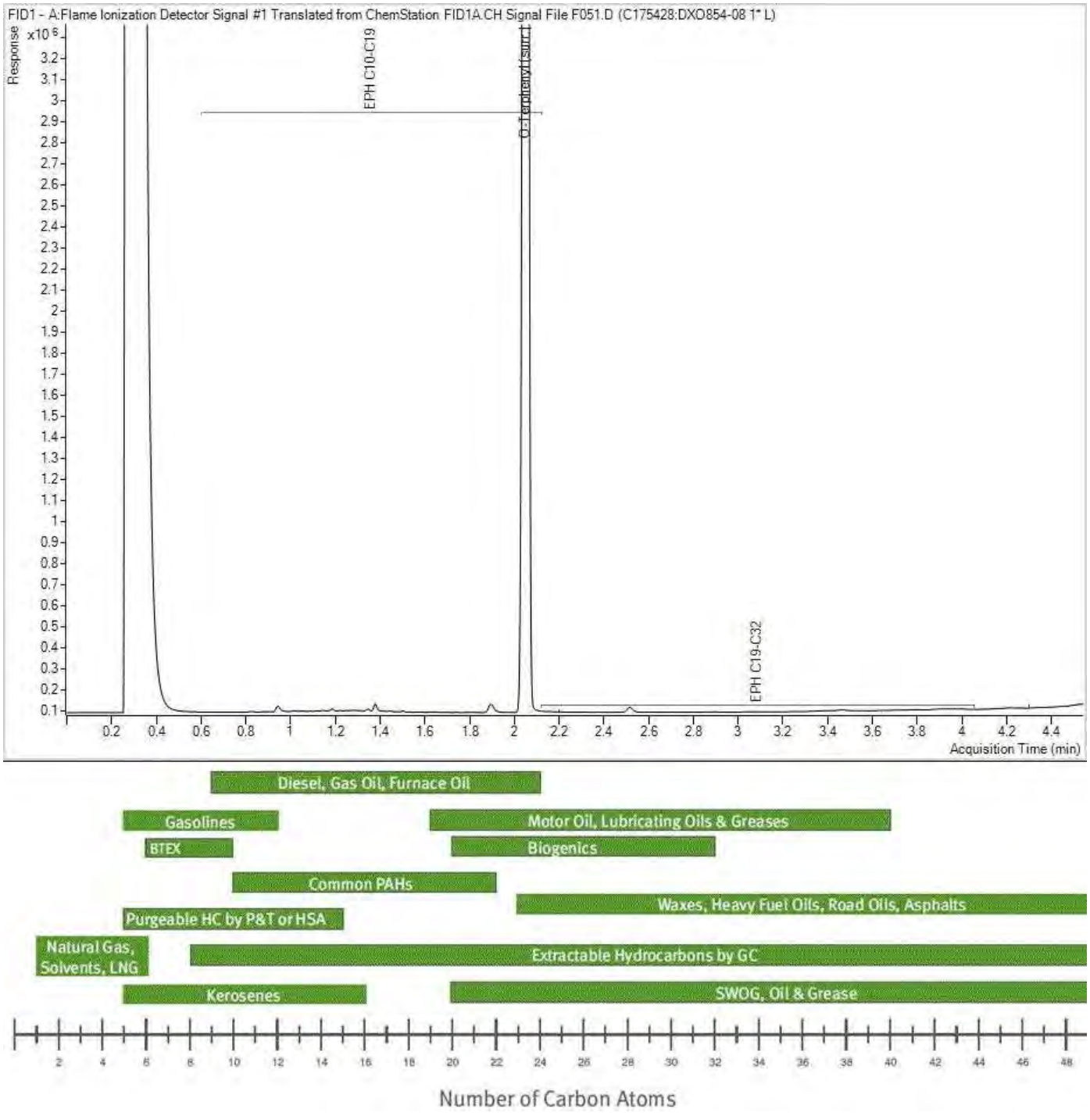
If Custody seal condition and presence of ice is the same for all, use these boxes.

CUSTODY SEAL	YES	NO
PRESENT		/
INTACT	/	
ICE PRESENT		

Bureau Veritas Job #: C596497
Report Date: 2025/12/09
Bureau Veritas Sample: DXO854

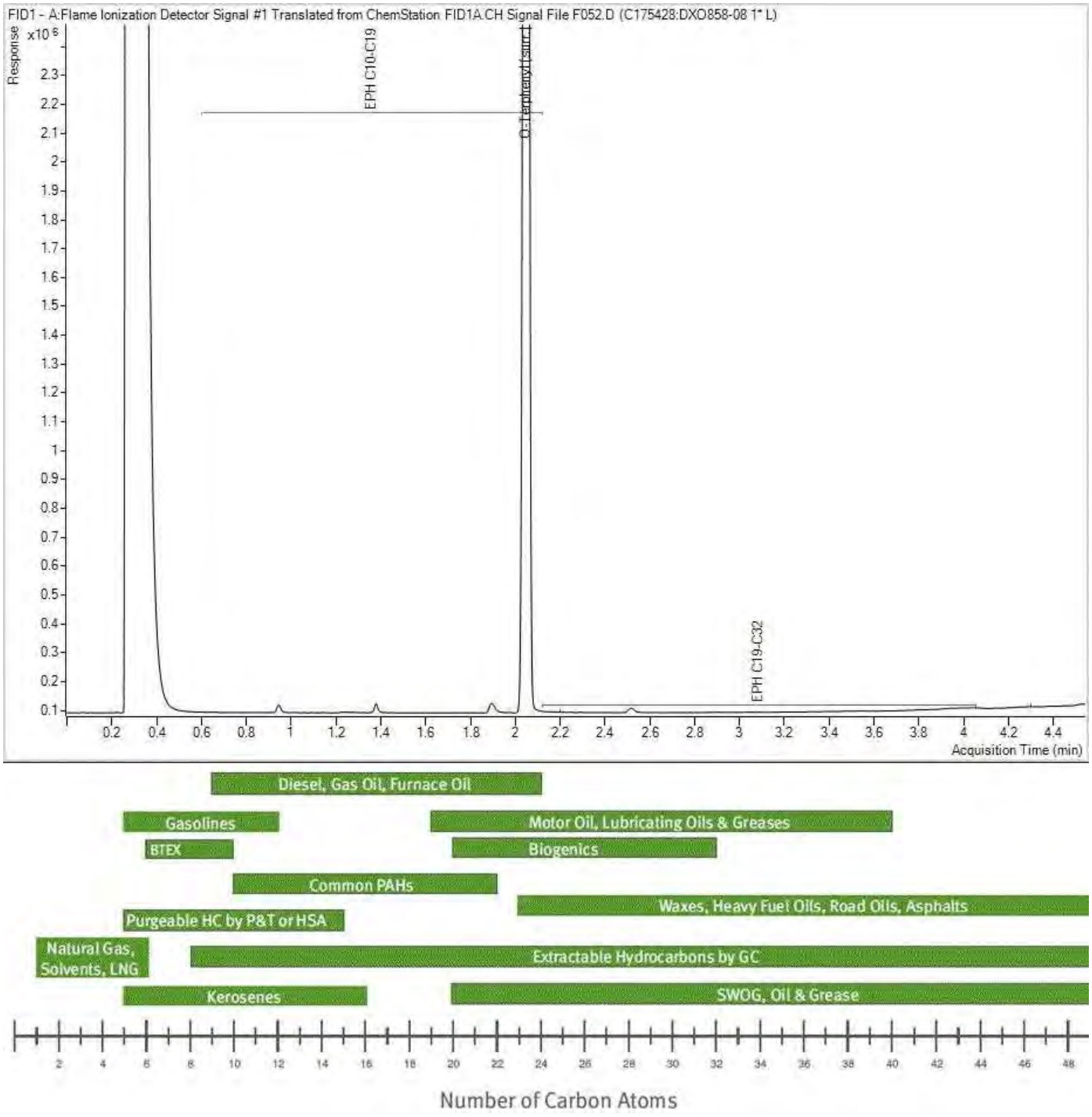
HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Reference: WOODFIBRE PIPELINE PROJECT
Client ID: WLNG -EOP

EPH in Water when PAH required Chromatogram



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

EPH in Water when PAH required Chromatogram

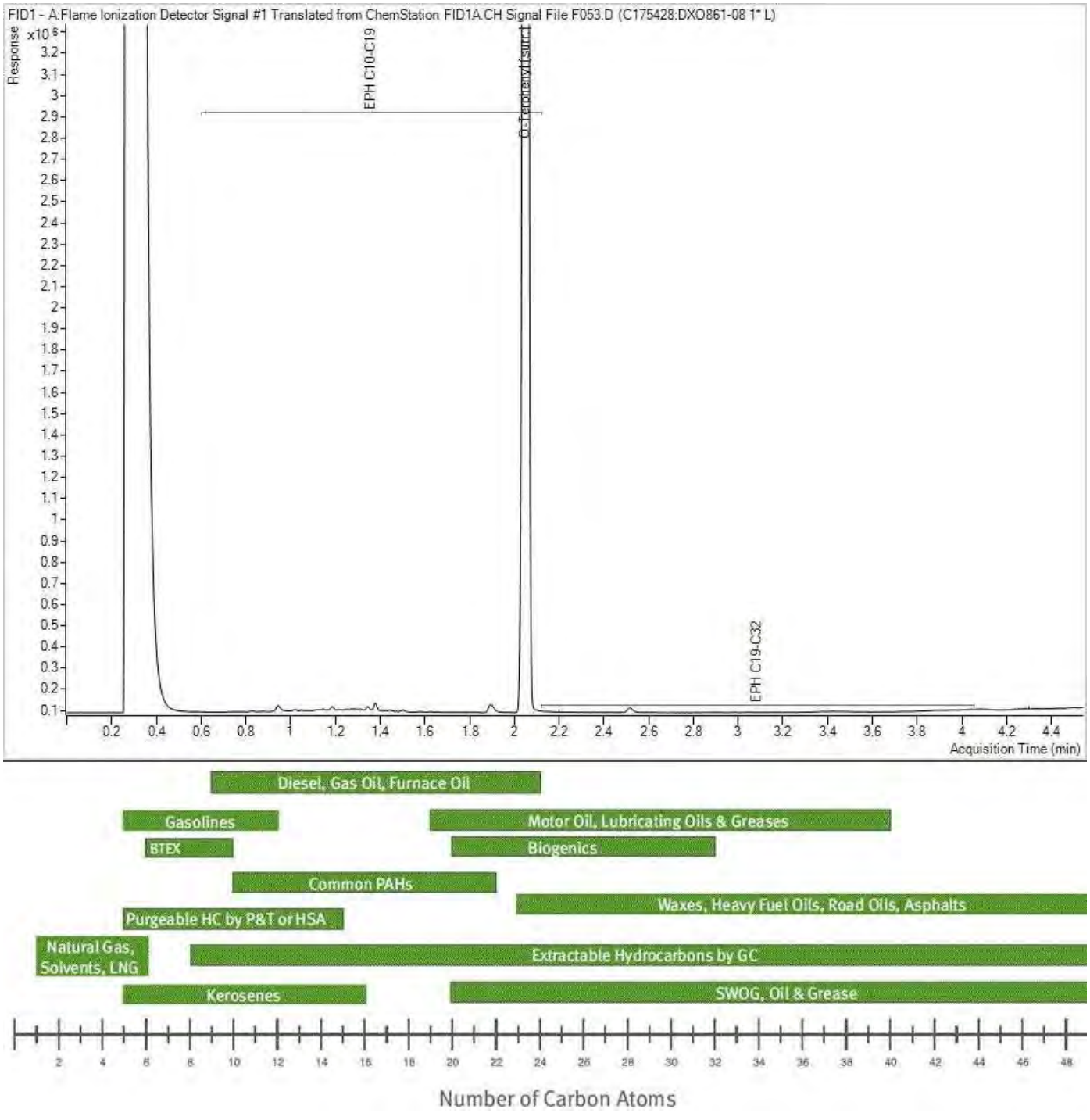


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

Bureau Veritas Job #: C596497
Report Date: 2025/12/09
Bureau Veritas Sample: DXO861

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: W119086

Project Information:	C596497
Job Received:	2025/11/25 16:46
Expected TAT:	1 Day(s) - Rush
Expected Arrival:	2025/11/25 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: 1 Day(s) - Rush

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	2025/11/25	WATER	14	A				1
WLNG -EOP	2	2025/11/25	WATER	22	A	A		A	2
WLNG-US	3	2025/11/25	WATER	14	A				1
SQRI-US	4	2025/11/25	WATER	14	A				1
SQRI-DS	5	2025/11/25	WATER	14	A				1
BCR-EOP	6	2025/11/25	WATER	22	A	A		A	2
Field Blank	7	2025/11/25	WATER	14			A		3
Trip Blank	8	2025/11/25	WATER	14			A		3
DUP	9	2025/11/25	WATER	18	A	A			4

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

Submission Information

# of Samples: 9

Details: Please only rush BCR-EOP sample on 1 day rush.

eCOC Change Log

Modified By	Date Modified	Changes	Comments
Sam Wolf	25 Nov 25 18:24:07	Service Level	
Sam Wolf	25 Nov 25 18:25:00	Notes/Comments, Sample Information	

eCOC: W119086

Project Information:	C596497
Job Received:	2025/11/25 16:46
Expected TAT:	1 Day(s) - Rush
Expected Arrival:	2025/11/25 17:00
Submitted By:	Sam Wolf
Submitted To:	Burnaby ENV: 4606 Canada Way

Sample Set Listing

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