Eagle Mountain - Woodfibre Gas Pipeline Project

BCER Waste Discharge Permit Weekly Report

Contents

Preamble

This weekly report for the British Columbia Energy Regulator (BCER) Waste Discharge Permit (BCER number PE-110163) for the FortisBC Eagle Mountain – Woodfibre Gas Pipeline (EGP) Project includes the results of water quality monitoring and sampling of the receiving environments (upstream and downstream) and points of discharge.

FortisBC has retained Hatfield Consultants LLP. as the Qualified Professional to implement and oversee the monitoring and sampling program in the receiving environments. The data represented below, including laboratory reported exceedances, represent background conditions from the receiving environment sampling as shown on the Waste Discharge Permit.

Please note that this weekly report is intended to present the results of each weekly sampling event and highlight any non-compliances or missed sampling requirements outlined in the permit. This report is not intended to represent an interpretive report. Given that application of chronic BC water quality guidelines for protection of aquatic life in the receiving environment downstream of the discharge does not represent a regulatory requirement and instead data are intended to be assessed relative to monthly average concentrations, exceedances of these guidelines in receiving environment samples are highlighted for information purposes, but detailed interpretation of guideline exceedances are not provided given that an interpretation of monthly trends and consideration of background influences and discharge chemistry is required. However, routine review of these results are being conducted and should instream exceedances be identified, discharge results will be reviewed and optimized.

Introduction

The results provided in this document are submitted to BC Energy Regulator (BCER) by FortisBC as per the requirements listed in the Waste Discharge Permit PE-110163 Section 4.2:

> The Permittee shall summarize the results of the discharge and receiving environment compliance sampling and monitoring program in a report that shall be submitted weekly over the term of this permit. The sampling and monitoring results shall be suitably tabulated and include comparison to the respective British Columbia Approved and Working Water Quality Guidelines for Freshwater & Marine Aquatic Life, as published by the Ministry of Environment & Climate Change Strategy. Any exceedance of regulatory guidelines shall be clearly highlighted, and any missed sampling events/missing data shall be identified with an explanation provided. Reporting frequency may be reduced upon a history of compliance and by written confirmation from the BCER. These reports shall be submitted to Waste.Management@bc-er.ca. A copy of the reports shall be provided to each First Nation consulted with regarding the subject permit, and also made publicly available on the FortisBC Eagle Mountain-Woodfibre Gas Pipeline Project | Talking Energy webpage.

Sampling Methodology

The monitoring and sampling has been carried out in accordance with the procedures described in the most recent edition of the "British Columbia Field Sampling Manual" using field equipment and lab samples to meet daily and real time requirements for the Waste Discharge Permit.

At the receiving environments, real time and daily readings are being monitored at the same time with one piece of equipment, allowing all the daily readings real time. Visible sheen will be monitored with visual inspections during times of discharge or sampling.
At the point of discharge from the WTP, the parameters are being monitored using field equipment and sondes/real time meters. Table 1 and Table 2 below show how each parameter is being monitored.

Table 1. Monitor Details for the Point of Discharge from the Water Treatment System-BC Rail and Woodfibre

Permit Frequency	Parameters	Details
During discharges	Visible Sheen	In field inspection
Daily (or per batch)	DO	Monitoring using YSI ProDSS
	ORP	Monitoring using YSI ProDSS
	Salinity	Monitoring using YSI ProDSS
Real Time (or per batch)	pH	Monitoring using GF Dryloc pH Series NPT
	Temperature	Monitoring using LevelPro PT100 Temperature and Signet 2350 Temp sensor
	NTU	Monitoring using Observator NEP9504GPI
	Electrical Conductivity	Monitoring using ProCon C450
Weekly (or per batch) Lab Samples	List prescribed in permit	Lab samples

Table 2. Monitor Details for the Receiving Environment (upstream and downstream)-BC Rail and Woodfibre

Permit Frequency	Parameters	Details
During discharges	Visible Sheen	In field inspection
Daily	DO	Monitoring using Sonde- AquaTROLL 600 datalogger
	ORP	Monitoring using Sonde- AquaTROLL 600 datalogger
	Salinity	Monitoring using Sonde- AquaTROLL 600 datalogger
Real Time	pH	Monitoring using Sonde- AquaTROLL 600 datalogger
	Temperature	Monitoring using Sonde- AquaTROLL 600 datalogger
	NTU	Monitoring using Sonde- AquaTROLL 600 datalogger
	Electrical Conductivity	Monitoring using Sonde- AquaTROLL 600 datalogger
Weekly Lab Samples	List prescribed in permit	Lab samples

Summary-BC Rail Site

Site Activities and Exceedances

- Weekly upstream and downstream taken by the QP.
- Water produced by the water treatment plant is being recirculated for tunneling and to create grout for tunneling.

Discharge from Water Treatment Plant

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

Table 3: Discharge from Water Treatment System Information

Location	Date of Discharge	Date of Lab Sample (for the discharge)	Real Time Monitored	Field Samples Taken	Discharge Rate (batch)	Discharge Volume (batch)	Results
BC Rail- No discharges during this time period							

*Max discharge is 515 m3/day

Receiving Environment Monitoring-Squamish River

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

Table 4: Upstream Monitoring Information

Location	Date of Lab Sample	Real Time Monitored	Results
Squamish River Upstream	2025-05-21	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	2025-05-21	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix B.

***** Sondes set up to log temperature, specific conductivity, salinity (in PSU), pH, ORP, DO (mg/L), and turbidity (NTU) at 15-minute intervals. There was non-continuous pH missing from the U/S sonde on May 19th, May 20th, May 23rd, May 24th, and May 25th.

Summary-Woodfibre

Site Activities and Exceedances

- Weekly upstream, downstream and end of pipe taken by the QP.
- Ongoing tunnelling at WLNG and grouting works to mitigate water ingress.
- Water volume discharge exceedances.

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	2025-05-19	Yes-Appendix C	2,534m^3
Woodfibre	2025-05-20	Yes-Appendix C	2,563m^3
Woodfibre	2025-05-21	Yes-Appendix C	2,611m^3
Woodfibre	2025-05-22	Yes-Appendix C	2,404m^3
Woodfibre	2025-05-23	Yes-Appendix C	2,534m^3
Woodfibre	2025-05-24	Yes-Appendix C	2,464m^3
Woodfibre	2025-05-25	Yes-Appendix C	2,398m^3

*Max discharge is 1500m3/day

Receiving Environment Monitoring-East Creek

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

Table 7: Upstream Monitoring Information

Location	Date of Lab Sample	Real Time Monitored	Results
East Creek Upstream	2025-05-21	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	2025-05-21	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)
Please note there were non-continuous pH readings missing from the U/S sonde for May 19th and May 21st,2025. There was also non-continuous turbidity missing from May 20th, 2025.

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

No Discharge

BCR Site Batch Sample Analysis

No Discharge

BCR Site WTP Discharge Field Notes and Logs

No Discharge

Appendix B: BCR Site Receiving Environment Documentation

BCR Site Receiving Environment Sample Analysis

Analyte	*Unit*	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1,2]	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1,2]	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1,2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average [1,2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max [1,2]	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average [1,2]	**SQU US 2025-05-21 15:00:00**	**SQU DS 2025-05-21 15:00:00**
In situ Parameters									
Field pH	pH Units	6.5 - 9			7 - 8.7			**6.1**	**6.1**
Field Temperature	°C	18	19					7.4	7.5
General Parameters									
pH	pH Units							6.54	7.05
Alkalinity (Total as $CaCO_3$)	mg/L							11	11
Alkalinity (PP as $CaCO_3$)	mg/L							<1	<1
Hardness ($CaCO_3$)-Total	mg/L							12.5	12.1
Hardness ($CaCO_3$)-Dissolved	mg/L							13.5	13.1
Sulphide-Total	mg/L							<0.0018	<0.0018
Sulphide (as H2S)	mg/L			0.002				<0.002	<0.002
Un-ionized Hydrogen Sulfide as H2S-Total	mg/L							<0.005	<0.005
Un-ionized Hydrogen Sulfide as S-Total	mg/L							<0.005	<0.005
Anions and Nutrients									
Ammonia (N)-Total	mg/L	1.88	26		29	191		0.025	0.018
Bicarbonate (HCO_3)	mg/L							14	13
Carbonate (CO_3)	mg/L							<1	<1
Hydroxide (OH)	mg/L							<1	<1
Nitrate (N)	mg/L	3	32.8		3.7			<0.02	0.031
Nitrite (N)	mg/L	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	mg/L							<0.02	0.031
Nitrogen (N)-Total	mg/L							0.116	0.108
Phosphorus (P)-Total (4500-P)	mg/L							0.0083	0.0083
Bromide (Br)	mg/L							<0.01	<0.01
Chloride (Cl)	mg/L	150	600					<1	<1
Fluoride (F)	mg/L		0.517			1.5		<0.05	<0.05
Sulphate (SO_4)-Dissolved	mg/L	128						2.8	2.7
Total Metals									
Aluminum (Al)-Total	mg/L	0.01811						**0.184**	**0.147**
Antimony (Sb)-Total	mg/L	0.074	0.25					<0.00002	<0.00002
Arsenic (As)-Total	mg/L	0.005			0.0125			0.000104	0.0001
Barium (Ba)-Total	mg/L			1				0.00741	0.00698
Beryllium (Be)-Total	mg/L			0.00013			0.1	<0.00001	0.000012
Bismuth (Bi)-Total	mg/L							<0.00001	<0.00001
Boron (B)-Total	mg/L	1.2			1.2			<0.01	<0.01
Cadmium (Cd)-Total	mg/L						0.00012	0.0000091	0.0000113
Calcium (Ca)-Total	mg/L							4.25	4.09
Cesium (Cs)-Total	mg/L							<0.00005	<0.00005
Chromium (Cr)-Total	mg/L							0.00013	<0.0001
Chromium (Cr VI)-Total	mg/L			0.0025			0.0015	<0.00099	<0.00099
Cobalt (Co)-Total	mg/L	0.000389	0.11					0.000083	0.000072
Copper (Cu)-Total	mg/L				0.002	0.003		0.00094	0.00088
Iron (Fe)-Total	mg/L		1					0.177	0.138
Lead (Pb)-Total	mg/L				0.002	0.14		0.000036	0.000031
Lithium (Li)-Total	mg/L							0.00055	0.00065
Magnesium (Mg)-Total	mg/L							0.46	0.45
Manganese (Mn)-Total	mg/L	0.663	0.684				0.1	0.00593	0.0051
Mercury (Hg)-Total	mg/L	0.00002			0.00002			0.0000021	<0.0000019
Molybdenum (Mo)-Total	mg/L	7.6	46					0.000364	0.000394
Nickel (Ni)-Total	mg/L						0.0083	0.00013	0.00012
Phosphorus (P)-Total (ICPMS)	mg/L							0.012	0.0121
Potassium (K)-Total	mg/L							0.36	0.37
Rubidium (Rb)-Total	mg/L							0.000653	0.000617
Selenium (Se)-Total	mg/L	0.002			0.002			<0.00004	<0.00004
Silicon (Si)-Total	mg/L							3.16	3.03
Silver (Ag)-Total	mg/L	0.00012				0.0037	0.0005	<0.00001	<0.00001
Sodium (Na)-Total	mg/L							1.26	1.3
Strontium (Sr)-Total	mg/L							0.0259	0.0252
Sulphur (S)-Total	mg/L							<3	<3
Tellurium (Te)-Total	mg/L							<0.00002	<0.00002
Thallium (Tl)-Total	mg/L			0.00003				0.0000033	0.0000029
Thorium (Th)-Total	mg/L							<0.00005	<0.00005
Tin (Sn)-Total	mg/L							<0.0002	<0.0002
Titanium (Ti)-Total	mg/L							0.0072	0.0059
Uranium (U)-Total	mg/L		0.0165	0.0075				0.0000355	0.000037
Vanadium (V)-Total	mg/L			0.06			0.005	0.00096	0.00079
Zinc (Zn)-Total	mg/L				0.01	0.055		0.0016	0.0013
Zirconium (Zr)-Total	mg/L							<0.0001	<0.0001
Dissolved Metals									
Aluminum (Al)-Dissolved	mg/L							0.0398	0.0366
Antimony (Sb)-Dissolved	mg/L							<0.00002	<0.00002
Arsenic (As)-Dissolved	mg/L							0.000091	0.000098

Analyte	*Unit*	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1] [2]	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1] [2]	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1] [2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average [1] [2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max [1] [2]	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average [1] [2]	**SQU US 2025-05-21 15:00:00**	**SQU DS 2025-05-21 15:00:00**
Barium (Ba)-Dissolved	mg/L							0.00588	0.00569
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	0.000047	0.000072					0.0000109	0.0000083
Calcium (Ca)-Dissolved	mg/L							4.76	4.65
Cesium (Cs)-Dissolved	mg/L							<0.00005	<0.00005
Chromium (Cr)-Dissolved	mg/L							<0.0001	0.00014
Cobalt (Co)-Dissolved	mg/L							0.0000379	0.0000432
Copper (Cu)-Dissolved	mg/L	0.0002	0.0002					**0.000673**	**0.000692**
Iron (Fe)-Dissolved	mg/L		0.35					0.064	0.0518
Lead (Pb)-Dissolved	mg/L	0.001813						0.0000065	0.0000061
Lithium (Li)-Dissolved	mg/L							<0.0005	<0.0005
Manganese (Mn)-Dissolved	mg/L							0.00357	0.00338
Magnesium (Mg)-Dissolved	mg/L							0.384	0.369
Mercury (Hg)-Dissolved	mg/L							<0.0000019	<0.0000019
Molybdenum (Mo)-Dissolved	mg/L							0.000409	0.000447
Nickel (Ni)-Dissolved	mg/L	0.0006	0.0105					0.000096	**0.000667**
Phosphorus (P)-Dissolved	mg/L							0.0049	0.0042
Potassium (K)-Dissolved	mg/L							0.348	0.359
Rubidium (Rb)-Dissolved	mg/L							0.000621	0.0006
Selenium (Se)-Dissolved	mg/L							<0.00004	<0.00004
Silicon (Si)-Dissolved	mg/L							3.02	2.89
Silver (Ag)-Dissolved	mg/L							<0.000005	<0.000005
Sodium (Na)-Dissolved	mg/L							1.24	1.17
Strontium (Sr)-Dissolved	mg/L			1.25				0.0249	0.0236
Sulphur (S)-Dissolved	mg/L							<3	<3
Tellurium (Te)-Dissolved	mg/L							<0.00002	<0.00002
Thallium (Tl)-Dissolved	mg/L							<0.000002	0.0000027
Thorium (Th)-Dissolved	mg/L							0.00001	0.0000111
Tin (Sn)-Dissolved	mg/L							<0.0002	<0.0002
Titanium (Ti)-Dissolved	mg/L							<0.0005	<0.0005
Uranium (U)-Dissolved	mg/L							0.0000311	0.0000325
Vanadium (V)-Dissolved	mg/L							0.00073	0.00066
Zinc (Zn)-Dissolved	mg/L	0.006385	0.008673					0.00113	0.00081
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							2	1.8
Solids-Total Dissolved	mg/L							32	34
Solids-Total Suspended	mg/L	16	36					11	5.6

Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as CaCO3) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO3), and Chloride).

Bold text denotes value exceeding guidelines. Note: Not all exceedances are project related.

BCR Site Receiving Environment Field Notes and Logs

Water Quality Field Data Sheet

Hatfield

Project: FORTIS11234

Location Information

Site ID: SQRI DS

Site Name: BCR - Squamish River

Site UTM: Zone: E: 123°9'54.351

(NAD83) N: 49°43'30.929

Date: May 21, 2025

Time: 8:27

Crew: HM, DS

Weather: Clear Foggy (Cloudy) Rain Snow Windy

In Situ Parameters

pH: 6.1

Temp.: 7.5 (°C)

Turbidity: 3.68 NTU

DO: _____ (mg/L)

Cond: 42 (us)

Visible Sheen: Y / (N)

Water Surface Condition: (Clear) Turbid Foaming Ice

Photo Record

Photo

Photo

Photo

Observations

Shore flow

Water Quality Field Data Sheet

Project: FORTIS11234

Hatfield

Location Information

Site ID: SQRI US

Site Name: BCR - Squamish River

Site UTM: Zone: E: 123° 9' 49.493

(NAD83) N: 49° 43' 36.524"

Date: May 21, 2025

Time: 800

Crew: HM, DS

Weather: Clear Foggy (Cloudy) Rain Snow Windy

In Situ Parameters

pH: 6.1

Temp.: 7.4 (°C)

Turbidity: 5.72 NTU

Visible Sheen: Y / (N)

DO: _____ (mg/L)

Cond: 40 (us)

Water Surface Condition: (Clear) Turbid Foaming Ice

Photo Record

Photo

Photo

Photo

Observations

high flow

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-19 00:00:00	7.36	34.34	0.18	7.21	7.13	3.60
SQU-DS	2025-05-19 00:15:00	7.32	34.64	0.19	7.22	6.42	3.79
SQU-DS	2025-05-19 00:30:00	7.26	34.80	0.17	7.29	10.01	3.86
SQU-DS	2025-05-19 00:45:00	7.25	34.99	0.18	7.32	10.81	4.49
SQU-DS	2025-05-19 01:00:00	7.19	34.95	0.19	7.31	10.62	5.01
SQU-DS	2025-05-19 01:15:00	7.16	35.09	0.19	7.28	10.55	4.10
SQU-DS	2025-05-19 01:30:00	7.12	34.22	0.15	7.22	9.37	3.14
SQU-DS	2025-05-19 01:45:00	7.08	34.15	0.16	7.20	7.61	3.88
SQU-DS	2025-05-19 02:00:00	7.06	34.57	0.17	7.20	6.44	5.56
SQU-DS	2025-05-19 02:15:00	7.04	34.98	0.18	7.19	5.41	2.60
SQU-DS	2025-05-19 02:30:00	7.01	35.58	0.15	7.16	9.35	127.8
SQU-DS	2025-05-19 02:45:00	6.97	35.62	0.17	7.19	10.69	4.05
SQU-DS	2025-05-19 03:00:00	6.96	35.81	0.18	7.24	10.56	5.07
SQU-DS	2025-05-19 03:15:00	6.92	35.93	0.18	7.21	10.56	2.28
SQU-DS	2025-05-19 03:30:00	6.90	34.08	0.16	7.22	9.05	3.42
SQU-DS	2025-05-19 03:45:00	6.87	33.54	0.17	7.19	8.03	4.40
SQU-DS	2025-05-19 04:00:00	6.84	33.65	0.18	7.19	7.39	3.20
SQU-DS	2025-05-19 04:15:00	6.82	33.92	0.18	7.18	6.81	3.08
SQU-DS	2025-05-19 04:30:00	6.79	35.22	0.15	7.28	9.76	10.30
SQU-DS	2025-05-19 04:45:00	6.74	34.97	0.17	7.21	10.93	3.71
SQU-DS	2025-05-19 05:00:00	6.76	34.73	0.18	7.19	10.78	3.98
SQU-DS	2025-05-19 05:15:00	6.72	34.89	0.18	7.21	10.96	5.16
SQU-DS	2025-05-19 05:30:00	6.70	32.75	0.16	7.25	10.71	3.46
SQU-DS	2025-05-19 05:45:00	6.69	33.56	0.17	7.20	10.91	4.18
SQU-DS	2025-05-19 06:00:00	6.69	34.15	0.17	7.19	10.87	4.07
SQU-DS	2025-05-19 06:15:00	6.68	34.47	0.18	7.20	10.91	3.04
SQU-DS	2025-05-19 06:30:00	6.67	35.34	0.15	7.20	10.38	8.70
SQU-DS	2025-05-19 06:45:00	6.66	34.53	0.17	7.29	10.88	3.88
SQU-DS	2025-05-19 07:00:00	6.65	34.38	0.18	7.32	10.87	4.40
SQU-DS	2025-05-19 07:15:00	6.63	34.43	0.19	7.36	10.86	3.84
SQU-DS	2025-05-19 07:30:00	6.62	33.05	0.17	7.24	9.44	4.61
SQU-DS	2025-05-19 07:45:00	6.62	34.17	0.18	7.20	8.38	2.55
SQU-DS	2025-05-19 08:00:00	6.61	33.50	0.18	7.21	7.74	2.29
SQU-DS	2025-05-19 08:15:00	6.60	33.56	0.19	7.19	7.16	5.90
SQU-DS	2025-05-19 08:30:00	6.61	34.80	0.16	7.24	9.76	7.36
SQU-DS	2025-05-19 08:45:00	6.60	34.82	0.17	7.29	10.64	4.23
SQU-DS	2025-05-19 09:00:00	6.61	34.87	0.18	7.28	10.69	4.68
SQU-DS	2025-05-19 09:15:00	6.61	34.89	0.19	7.24	10.69	3.52
SQU-DS	2025-05-19 09:30:00	6.63	30.60	0.16	7.25	10.85	7.64
SQU-DS	2025-05-19 09:45:00	6.65	31.99	0.17	7.24	10.94	4.58
SQU-DS	2025-05-19 10:00:00	6.67	32.51	0.18	7.25	11.15	5.34
SQU-DS	2025-05-19 10:15:00	6.70	32.89	0.18	7.24	11.18	4.55
SQU-DS	2025-05-19 10:30:00	6.76	34.01	0.15	7.29	10.65	6.34
SQU-DS	2025-05-19 10:45:00	6.81	33.78	0.18	7.26	10.75	5.21
SQU-DS	2025-05-19 11:00:00	6.84	34.10	0.19	7.23	10.83	4.21
SQU-DS	2025-05-19 11:15:00	6.89	34.19	0.19	7.28	10.96	3.15
SQU-DS	2025-05-19 11:30:00	6.92	30.87	0.16	7.29	9.29	3.17
SQU-DS	2025-05-19 11:45:00	6.92	32.38	0.17	7.25	7.78	3.61
SQU-DS	2025-05-19 12:00:00	6.93	33.02	0.18	7.23	6.61	3.22
SQU-DS	2025-05-19 12:15:00	6.91	33.39	0.18	7.24	5.85	2.79
SQU-DS	2025-05-19 12:30:00	6.90	35.64	0.16	7.14	9.65	5.45
SQU-DS	2025-05-19 12:45:00	6.88	35.26	0.17	7.16	10.77	4.00
SQU-DS	2025-05-19 13:00:00	6.90	35.47	0.17	7.09	10.54	4.41
SQU-DS	2025-05-19 13:15:00	6.90	35.58	0.17	7.08	10.42	3.74
SQU-DS	2025-05-19 13:30:00	6.89	34.36	0.15	7.23	9.51	3.74
SQU-DS	2025-05-19 13:45:00	6.92	33.60	0.17	7.22	8.61	4.99
SQU-DS	2025-05-19 14:00:00	6.97	33.81	0.17	7.24	7.90	3.66
SQU-DS	2025-05-19 14:15:00	7.03	34.12	0.18	7.24	7.23	3.97

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-19 14:30:00	7.11	35.95	0.14	7.18	9.74	6.80
SQU-DS	2025-05-19 14:45:00	7.17	35.79	0.16	7.31	10.17	4.26
SQU-DS	2025-05-19 15:00:00	7.24	36.01	0.17	7.24	10.27	3.56
SQU-DS	2025-05-19 15:15:00	7.30	36.04	0.18	7.21	10.03	3.93
SQU-DS	2025-05-19 15:30:00	7.35	34.60	0.15	7.27	9.42	6.29
SQU-DS	2025-05-19 15:45:00	7.40	34.39	0.17	7.21	8.36	6.10
SQU-DS	2025-05-19 16:00:00	7.43	34.48	0.17	7.26	7.53	2.41
SQU-DS	2025-05-19 16:15:00	7.44	34.65	0.18	7.25	6.73	2.29
SQU-DS	2025-05-19 16:30:00	7.46	36.10	0.15	7.35	9.97	5.19
SQU-DS	2025-05-19 16:45:00	7.47	35.93	0.16	7.37	10.71	5.84
SQU-DS	2025-05-19 17:00:00	7.49	36.02	0.17	7.40	10.76	3.32
SQU-DS	2025-05-19 17:15:00	7.50	35.90	0.17	7.40	10.59	3.57
SQU-DS	2025-05-19 17:30:00	7.51	35.26	0.16	7.31	9.66	4.88
SQU-DS	2025-05-19 17:45:00	7.50	34.78	0.17	7.26	8.84	14.07
SQU-DS	2025-05-19 18:00:00	7.49	34.98	0.17	7.25	8.31	6.25
SQU-DS	2025-05-19 18:15:00	7.48	35.20	0.17	7.25	7.80	2.15
SQU-DS	2025-05-19 18:30:00	7.47	36.45	0.14	7.17	9.97	5.55
SQU-DS	2025-05-19 18:45:00	7.44	36.28	0.16	7.10	10.41	4.78
SQU-DS	2025-05-19 19:00:00	7.42	36.36	0.17	7.18	10.30	36.70
SQU-DS	2025-05-19 19:15:00	7.42	36.31	0.18	7.17	10.45	3.53
SQU-DS	2025-05-19 19:30:00	7.41	34.00	0.15	7.20	9.38	3.87
SQU-DS	2025-05-19 19:45:00	7.41	34.07	0.16	7.21	8.22	2.30
SQU-DS	2025-05-19 20:00:00	7.41	34.20	0.17	7.22	7.35	2.45
SQU-DS	2025-05-19 20:15:00	7.39	34.53	0.17	7.21	6.49	2.80
SQU-DS	2025-05-19 20:30:00	7.37	36.75	0.13	7.31	9.46	9.62
SQU-DS	2025-05-19 20:45:00	7.35	36.37	0.15	7.32	10.17	1.39
SQU-DS	2025-05-19 21:00:00	7.35	36.45	0.16	7.32	10.24	2.26
SQU-DS	2025-05-19 21:15:00	7.33	36.54	0.17	7.26	9.91	2.82
SQU-DS	2025-05-19 21:30:00	7.31	36.00	0.15	7.25	9.08	2.46
SQU-DS	2025-05-19 21:45:00	7.31	35.46	0.16	7.24	7.86	2.66
SQU-DS	2025-05-19 22:00:00	7.28	35.60	0.16	7.21	6.84	4.84
SQU-DS	2025-05-19 22:15:00	7.27	35.55	0.17	7.23	5.90	5.50
SQU-DS	2025-05-19 22:30:00	7.24	36.66	0.14	7.31	9.12	8.43
SQU-DS	2025-05-19 22:45:00	7.21	36.18	0.15	7.26	9.50	4.31
SQU-DS	2025-05-19 23:00:00	7.19	36.07	0.16	7.25	9.48	7.00
SQU-DS	2025-05-19 23:15:00	7.16	35.95	0.17	7.27	9.58	6.57
SQU-DS	2025-05-19 23:30:00	7.13	34.38	0.14	7.27	8.59	4.79
SQU-DS	2025-05-19 23:45:00	7.08	33.88	0.16	7.23	7.36	3.53
SQU-DS	2025-05-20 00:00:00	7.03	33.71	0.16	7.26	6.69	4.29
SQU-DS	2025-05-20 00:15:00	7.00	33.75	0.17	7.24	6.03	3.10
SQU-DS	2025-05-20 00:30:00	6.94	35.48	0.13	7.38	9.97	2.23
SQU-DS	2025-05-20 00:45:00	6.90	35.62	0.16	7.42	10.84	4.01
SQU-DS	2025-05-20 01:00:00	6.85	35.62	0.17	7.38	10.65	4.67
SQU-DS	2025-05-20 01:15:00	6.81	35.81	0.17	7.36	10.49	3.06
SQU-DS	2025-05-20 01:30:00	6.79	32.64	0.15	7.27	10.69	5.00
SQU-DS	2025-05-20 01:45:00	6.75	32.75	0.16	7.25	10.81	4.23
SQU-DS	2025-05-20 02:00:00	6.72	33.16	0.17	7.22	10.77	2.46
SQU-DS	2025-05-20 02:15:00	6.69	33.45	0.17	7.25	10.71	2.54
SQU-DS	2025-05-20 02:30:00	6.66	36.56	0.13	7.31	10.52	4.06
SQU-DS	2025-05-20 02:45:00	6.61	36.77	0.16	7.39	10.54	4.72
SQU-DS	2025-05-20 03:00:00	6.59	36.77	0.16	7.36	10.60	1.71
SQU-DS	2025-05-20 03:15:00	6.56	37.32	0.17	7.33	10.56	2.89
SQU-DS	2025-05-20 03:30:00	6.53	36.48	0.14	7.24	9.47	2.52
SQU-DS	2025-05-20 03:45:00	6.51	36.08	0.16	7.21	8.42	2.43
SQU-DS	2025-05-20 04:00:00	6.50	36.15	0.17	7.20	7.39	6.86
SQU-DS	2025-05-20 04:15:00	6.49	36.32	0.17	7.18	6.37	5.17
SQU-DS	2025-05-20 04:30:00	6.48	37.89	0.12	7.19	9.54	6.27
SQU-DS	2025-05-20 04:45:00	6.46	36.71	0.15	7.06	10.95	3.20

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-20 05:00:00	6.43	36.75	0.16	7.13	11.02	2.67
SQU-DS	2025-05-20 05:15:00	6.42	36.52	0.16	7.11	11.03	3.87
SQU-DS	2025-05-20 05:30:00	6.40	31.91	0.15	7.20	10.76	3.93
SQU-DS	2025-05-20 05:45:00	6.40	31.08	0.17	7.19	10.62	4.12
SQU-DS	2025-05-20 06:00:00	6.38	31.89	0.17	7.20	10.60	4.39
SQU-DS	2025-05-20 06:15:00	6.35	32.50	0.17	7.19	10.59	4.63
SQU-DS	2025-05-20 06:30:00	6.34	35.68	0.13	7.20	10.51	4.30
SQU-DS	2025-05-20 06:45:00	6.32	35.20	0.16	7.19	10.94	3.40
SQU-DS	2025-05-20 07:00:00	6.30	35.00	0.16	7.19	10.91	5.28
SQU-DS	2025-05-20 07:15:00	6.28	34.87	0.17	7.14	10.97	6.88
SQU-DS	2025-05-20 07:30:00	6.27	27.31	0.15	7.20	10.82	4.78
SQU-DS	2025-05-20 07:45:00	6.26	27.92	0.16	7.17	11.14	4.56
SQU-DS	2025-05-20 08:00:00	6.26	28.41	0.16	7.18	11.12	5.88
SQU-DS	2025-05-20 08:15:00	6.26	29.02	0.17	7.17	11.17	3.08
SQU-DS	2025-05-20 08:30:00	6.26	34.48	0.13	6.98	10.54	6.06
SQU-DS	2025-05-20 08:45:00	6.26	34.39	0.16	7.05	10.65	3.77
SQU-DS	2025-05-20 09:00:00	6.28	34.17	0.16	7.05	10.81	3.24
SQU-DS	2025-05-20 09:15:00	6.31	34.16	0.16	7.05	10.79	2.35
SQU-DS	2025-05-20 09:30:00	6.34	34.51	0.14	7.25	9.50	5.91
SQU-DS	2025-05-20 09:45:00	6.35	33.76	0.16	7.21	8.13	4.43
SQU-DS	2025-05-20 10:00:00	6.39	34.03	0.17	7.20	7.23	5.36
SQU-DS	2025-05-20 10:15:00	6.43	34.10	0.17	7.20	6.45	4.67
SQU-DS	2025-05-20 10:30:00	6.47	34.76	0.13	7.18	9.85	4.16
SQU-DS	2025-05-20 10:45:00	6.51	34.40	0.15	7.27	10.63	1.30
SQU-DS	2025-05-20 11:00:00	6.56	34.59	0.16	7.23	10.77	2.75
SQU-DS	2025-05-20 11:15:00	6.63	34.45	0.16	7.24	10.68	3.10
SQU-DS	2025-05-20 11:30:00	6.66	34.63	0.15	7.27	8.74	1.55
SQU-DS	2025-05-20 11:45:00	6.72	34.16	0.16	7.24	7.52	1.75
SQU-DS	2025-05-20 12:00:00	6.77	34.18	0.17	7.24	6.71	2.35
SQU-DS	2025-05-20 12:15:00	6.82	34.61	0.17	7.23	6.02	1.72
SQU-DS	2025-05-20 12:30:00	6.88	33.60	0.13	7.20	9.40	2.39
SQU-DS	2025-05-20 12:45:00	6.93	33.51	0.16	7.19	10.09	1.87
SQU-DS	2025-05-20 13:00:00	7.01	33.67	0.17	7.14	9.76	0.94
SQU-DS	2025-05-20 13:15:00	7.08	33.79	0.17	7.11	9.64	2.89
SQU-DS	2025-05-20 13:30:00	7.16	33.98	0.14	7.23	9.28	2.29
SQU-DS	2025-05-20 13:45:00	7.23	33.02	0.16	7.22	8.33	3.66
SQU-DS	2025-05-20 14:00:00	7.30	32.83	0.17	7.24	7.49	1.64
SQU-DS	2025-05-20 14:15:00	7.38	33.12	0.18	7.23	6.66	3.61
SQU-DS	2025-05-20 14:30:00	7.41	34.12	0.13	7.26	9.84	6.60
SQU-DS	2025-05-20 14:45:00	7.43	33.97	0.15	7.29	10.70	1.68
SQU-DS	2025-05-20 15:00:00	7.42	34.16	0.16	7.28	10.87	2.08
SQU-DS	2025-05-20 15:15:00	7.44	34.01	0.17	7.28	10.71	2.33
SQU-DS	2025-05-20 15:30:00	7.45	30.31	0.15	7.26	10.73	3.70
SQU-DS	2025-05-20 15:45:00	7.45	31.56	0.16	7.24	11.11	3.81
SQU-DS	2025-05-20 16:00:00	7.50	32.19	0.17	7.25	11.06	4.13
SQU-DS	2025-05-20 16:15:00	7.51	32.81	0.17	7.22	11.01	3.96
SQU-DS	2025-05-20 16:30:00	7.45	34.50	0.13	7.24	10.43	22.61
SQU-DS	2025-05-20 16:45:00	7.43	33.97	0.16	7.20	10.20	4.10
SQU-DS	2025-05-20 17:00:00	7.44	34.06	0.17	7.17	10.10	3.68
SQU-DS	2025-05-20 17:15:00	7.47	34.21	0.17	7.12	9.86	5.09
SQU-DS	2025-05-20 17:30:00	7.53	29.54	0.16	7.21	10.64	4.79
SQU-DS	2025-05-20 17:45:00	7.58	30.16	0.16	7.26	11.14	6.29
SQU-DS	2025-05-20 18:00:00	7.61	30.61	0.17	7.25	11.15	6.44
SQU-DS	2025-05-20 18:15:00	7.61	31.04	0.17	7.24	11.13	6.56
SQU-DS	2025-05-20 18:30:00	7.61	34.32	0.13	7.32	10.70	3.61
SQU-DS	2025-05-20 18:45:00	7.60	34.02	0.16	7.40	10.69	4.32
SQU-DS	2025-05-20 19:00:00	7.58	34.16	0.17	7.39	10.80	5.48
SQU-DS	2025-05-20 19:15:00	7.55	34.23	0.18	7.39	10.56	6.10

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-20 19:30:00	7.55	33.14	0.16	7.29	9.17	4.98
SQU-DS	2025-05-20 19:45:00	7.51	33.07	0.17	7.26	7.91	4.13
SQU-DS	2025-05-20 20:00:00	7.49	33.49	0.17	7.24	7.01	7.21
SQU-DS	2025-05-20 20:15:00	7.45	33.73	0.18	7.21	6.19	9.70
SQU-DS	2025-05-20 20:30:00	7.43	34.75	0.14	7.32	9.56	5.86
SQU-DS	2025-05-20 20:45:00	7.43	34.68	0.16	7.34	10.57	6.79
SQU-DS	2025-05-20 21:00:00	7.40	34.59	0.17	7.32	10.66	2.85
SQU-DS	2025-05-20 21:15:00	7.40	34.62	0.18	7.31	10.69	4.71
SQU-DS	2025-05-20 21:30:00	7.39	33.78	0.15	7.25	8.80	4.94
SQU-DS	2025-05-20 21:45:00	7.34	33.45	0.17	7.20	7.52	5.68
SQU-DS	2025-05-20 22:00:00	7.31	33.40	0.17	7.21	6.78	6.26
SQU-DS	2025-05-20 22:15:00	7.28	33.61	0.18	7.20	6.07	8.59
SQU-DS	2025-05-20 22:30:00	7.25	34.72	0.15	7.26	9.46	10.82
SQU-DS	2025-05-20 22:45:00	7.21	34.40	0.17	7.34	10.41	7.57
SQU-DS	2025-05-20 23:00:00	7.17	34.56	0.18	7.34	10.43	8.46
SQU-DS	2025-05-20 23:15:00	7.13	34.41	0.18	7.33	10.71	7.85
SQU-DS	2025-05-20 23:30:00	7.09	32.47	0.16	7.25	8.87	8.05
SQU-DS	2025-05-20 23:45:00	7.06	32.20	0.17	7.24	7.81	7.74
SQU-DS	2025-05-21 00:00:00	7.00	32.37	0.17	7.25	7.14	5.91
SQU-DS	2025-05-21 00:15:00	6.96	32.60	0.18	7.22	6.51	4.00
SQU-DS	2025-05-21 00:30:00	6.92	34.00	0.17	7.15	9.12	13.75
SQU-DS	2025-05-21 00:45:00	6.87	33.98	0.17	7.31	9.42	3.81
SQU-DS	2025-05-21 01:00:00	6.85	33.93	0.18	7.33	9.30	5.16
SQU-DS	2025-05-21 01:15:00	6.81	33.95	0.19	7.31	8.85	5.17
SQU-DS	2025-05-21 01:30:00	6.78	34.13	0.16	7.23	9.01	5.61
SQU-DS	2025-05-21 01:45:00	6.75	33.64	0.17	7.18	8.56	4.58
SQU-DS	2025-05-21 02:00:00	6.72	33.55	0.18	7.20	8.09	9.05
SQU-DS	2025-05-21 02:15:00	6.69	33.76	0.18	7.22	7.60	2.44
SQU-DS	2025-05-21 02:30:00	6.66	35.16	0.15	7.26	9.99	4.52
SQU-DS	2025-05-21 02:45:00	6.65	35.03	0.17	7.29	10.53	5.59
SQU-DS	2025-05-21 03:00:00	6.62	35.24	0.17	7.28	10.52	5.10
SQU-DS	2025-05-21 03:15:00	6.59	35.29	0.18	7.28	10.32	4.52
SQU-DS	2025-05-21 03:30:00	6.57	26.92	0.15	7.23	10.52	4.42
SQU-DS	2025-05-21 03:45:00	6.57	27.36	0.17	7.20	10.78	3.95
SQU-DS	2025-05-21 04:00:00	6.55	27.35	0.18	7.21	10.82	4.61
SQU-DS	2025-05-21 04:15:00	6.52	27.32	0.18	7.19	10.81	5.46
SQU-DS	2025-05-21 04:30:00	6.49	34.92	0.14	7.18	10.37	6.21
SQU-DS	2025-05-21 04:45:00	6.47	34.43	0.16	7.28	10.12	4.56
SQU-DS	2025-05-21 05:00:00	6.45	34.37	0.17	7.25	9.85	4.87
SQU-DS	2025-05-21 05:15:00	6.42	34.30	0.18	7.23	9.61	5.75
SQU-DS	2025-05-21 05:30:00	6.40	32.61	0.15	7.25	9.43	2.55
SQU-DS	2025-05-21 05:45:00	6.39	32.42	0.17	7.19	8.61	2.65
SQU-DS	2025-05-21 06:00:00	6.38	32.70	0.18	7.16	7.89	4.46
SQU-DS	2025-05-21 06:15:00	6.36	32.83	0.19	7.17	7.15	2.64
SQU-DS	2025-05-21 06:30:00	6.35	34.23	0.14	7.21	9.78	4.07
SQU-DS	2025-05-21 06:45:00	6.33	34.14	0.16	7.22	10.56	1.17
SQU-DS	2025-05-21 07:00:00	6.32	34.02	0.18	7.19	10.72	2.55
SQU-DS	2025-05-21 07:15:00	6.33	34.03	0.19	7.17	10.64	1.09
SQU-DS	2025-05-21 07:30:00	6.34	25.06	0.16	7.22	10.91	3.37
SQU-DS	2025-05-21 07:45:00	6.35	24.87	0.17	7.21	11.24	3.89
SQU-DS	2025-05-21 08:00:00	6.37	25.05	0.18	7.20	11.23	2.95
SQU-DS	2025-05-21 08:15:00	6.39	25.32	0.19	7.20	11.23	3.26
SQU-DS	2025-05-21 08:30:00	6.43	34.33	0.13	7.26	10.74	3.60
SQU-DS	2025-05-21 08:45:00	6.46	35.80	0.17	7.10	9.27	1.19
SQU-DS	2025-05-21 09:00:00	6.52	34.27	0.18	7.10	9.66	2.37
SQU-DS	2025-05-21 09:15:00	6.59	34.26	0.19	7.11	9.60	1.65
SQU-DS	2025-05-21 09:30:00	6.61	34.49	0.15	7.13	10.47	1.79
SQU-DS	2025-05-21 09:45:00	6.62	34.22	0.17	7.15	11.24	2.79

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-21 10:00:00	6.66	34.25	0.18	7.16	11.03	1.35
SQU-DS	2025-05-21 10:15:00	6.73	34.49	0.19	7.13	11.07	1.20
SQU-DS	2025-05-21 10:30:00	6.83	35.11	0.17	7.12	11.06	1.50
SQU-DS	2025-05-21 10:45:00	6.89	35.22	0.19	7.13	11.10	1.71
SQU-DS	2025-05-21 11:15:00	7.03	35.15	0.16	7.17	11.24	1.76
SQU-DS	2025-05-21 11:30:00	7.09	35.31	0.17	7.16	11.27	0.75
SQU-DS	2025-05-21 11:45:00	7.10	35.35	0.18	7.16	11.24	0.74
SQU-DS	2025-05-21 12:00:00	7.22	34.95	0.18	7.17	11.25	0.99
SQU-DS	2025-05-21 12:15:00	7.25	35.26	0.19	7.18	11.23	2.09
SQU-DS	2025-05-21 12:30:00	7.29	35.19	0.19	7.17	11.23	1.64
SQU-DS	2025-05-21 12:45:00	7.34	35.44	0.20	7.18	11.22	1.08
SQU-DS	2025-05-21 13:00:00	7.46	35.26	0.20	7.17	11.22	1.62
SQU-DS	2025-05-21 13:15:00	7.53	35.52	0.21	7.14	11.21	1.69
SQU-DS	2025-05-21 13:30:00	7.55	35.45	0.21	7.16	11.20	1.60
SQU-DS	2025-05-21 13:45:00	7.60	35.38	0.20	7.18	11.17	1.79
SQU-DS	2025-05-21 14:00:00	7.69	35.96	0.20	7.17	11.17	1.98
SQU-DS	2025-05-21 14:15:00	7.86	35.59	0.21	7.19	11.06	1.30
SQU-DS	2025-05-21 14:30:00	8.04	35.79	0.21	7.16	11.11	1.10
SQU-DS	2025-05-21 14:45:00	8.12	35.90	0.21	7.18	11.11	2.41
SQU-DS	2025-05-21 15:00:00	8.21	35.78	0.21	7.18	11.07	4.15
SQU-DS	2025-05-21 15:15:00	8.26	35.75	0.22	7.17	11.08	0.87
SQU-DS	2025-05-21 15:30:00	8.30	36.08	0.22	7.17	11.06	1.76
SQU-DS	2025-05-21 15:45:00	8.30	35.81	0.21	7.16	11.05	2.46
SQU-DS	2025-05-21 16:00:00	8.25	36.05	0.21	7.17	11.07	0.89
SQU-DS	2025-05-21 16:15:00	8.36	35.98	0.21	7.19	11.04	1.95
SQU-DS	2025-05-21 16:30:00	8.54	36.01	0.21	7.18	11.05	2.80
SQU-DS	2025-05-21 16:45:00	8.63	36.12	0.21	7.19	11.02	1.32
SQU-DS	2025-05-21 17:00:00	8.75	35.98	0.22	7.20	10.98	2.06
SQU-DS	2025-05-21 17:15:00	8.81	36.18	0.22	7.19	11.00	0.86
SQU-DS	2025-05-21 17:30:00	8.85	36.11	0.22	7.20	10.89	2.59
SQU-DS	2025-05-21 17:45:00	8.88	36.25	0.21	7.18	10.85	2.10
SQU-DS	2025-05-21 18:00:00	8.90	36.30	0.21	7.19	10.91	2.67
SQU-DS	2025-05-21 18:15:00	8.88	36.31	0.22	7.20	10.89	1.59
SQU-DS	2025-05-21 18:30:00	8.83	36.54	0.21	7.18	10.62	3.57
SQU-DS	2025-05-21 18:45:00	8.79	36.56	0.22	7.18	10.64	5.56
SQU-DS	2025-05-21 19:00:00	8.74	36.79	0.22	7.17	10.84	5.52
SQU-DS	2025-05-21 19:15:00	8.72	36.71	0.22	7.14	10.80	2.21
SQU-DS	2025-05-21 19:30:00	8.70	36.76	0.22	7.18	10.69	2.24
SQU-DS	2025-05-21 19:45:00	8.65	36.98	0.21	7.17	10.78	2.52
SQU-DS	2025-05-21 20:00:00	8.62	37.18	0.21	7.18	10.68	1.93
SQU-DS	2025-05-21 20:15:00	8.60	37.31	0.22	7.16	10.63	1.96
SQU-DS	2025-05-21 20:30:00	8.62	37.09	0.22	7.18	10.68	1.60
SQU-DS	2025-05-21 20:45:00	8.61	37.23	0.22	7.16	10.62	1.90
SQU-DS	2025-05-21 21:00:00	8.60	37.25	0.22	7.17	10.59	2.14
SQU-DS	2025-05-21 21:15:00	8.58	37.34	0.22	7.17	10.45	2.44
SQU-DS	2025-05-21 21:30:00	8.58	37.37	0.22	7.16	10.57	1.31
SQU-DS	2025-05-21 21:45:00	8.57	37.67	0.20	7.15	10.43	2.68
SQU-DS	2025-05-21 22:00:00	8.57	37.30	0.21	7.15	10.56	2.02
SQU-DS	2025-05-21 22:15:00	8.56	37.40	0.21	7.14	10.45	3.17
SQU-DS	2025-05-21 22:30:00	8.52	37.54	0.21	7.15	10.47	5.67
SQU-DS	2025-05-21 22:45:00	8.50	37.49	0.22	7.14	10.55	1.77
SQU-DS	2025-05-21 23:00:00	8.49	37.33	0.22	7.15	10.47	2.23
SQU-DS	2025-05-21 23:15:00	8.43	37.30	0.22	7.16	10.47	2.44
SQU-DS	2025-05-21 23:30:00	8.36	37.16	0.21	7.16	10.52	3.39
SQU-DS	2025-05-21 23:45:00	8.29	36.92	0.20	7.17	10.60	2.21
SQU-DS	2025-05-22 00:00:00	8.22	36.84	0.20	7.19	10.63	2.89
SQU-DS	2025-05-22 00:15:00	8.17	36.77	0.21	7.19	10.56	2.88
SQU-DS	2025-05-22 00:30:00	8.08	36.67	0.22	7.19	10.67	1.43

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-22 00:45:00	8.02	36.39	0.22	7.19	10.71	1.58
SQU-DS	2025-05-22 01:00:00	7.93	36.34	0.22	7.20	10.69	1.95
SQU-DS	2025-05-22 01:15:00	7.86	36.35	0.23	7.20	10.73	2.33
SQU-DS	2025-05-22 01:30:00	7.77	36.41	0.22	7.19	10.74	6.29
SQU-DS	2025-05-22 01:45:00	7.68	36.40	0.20	7.19	10.78	2.54
SQU-DS	2025-05-22 02:00:00	7.61	36.32	0.21	7.19	10.76	2.15
SQU-DS	2025-05-22 02:15:00	7.51	36.29	0.22	7.18	10.82	2.97
SQU-DS	2025-05-22 02:30:00	7.43	36.38	0.21	7.20	10.84	3.11
SQU-DS	2025-05-22 02:45:00	7.35	37.02	0.22	7.15	10.85	1.89
SQU-DS	2025-05-22 03:00:00	7.29	37.30	0.22	7.18	10.85	2.45
SQU-DS	2025-05-22 03:15:00	7.24	37.76	0.23	7.16	10.85	2.21
SQU-DS	2025-05-22 03:30:00	7.18	38.28	0.22	7.16	10.85	1.68
SQU-DS	2025-05-22 03:45:00	7.14	38.03	0.21	7.16	10.85	2.47
SQU-DS	2025-05-22 04:00:00	7.09	37.95	0.21	7.13	10.86	2.11
SQU-DS	2025-05-22 04:15:00	7.04	38.16	0.21	7.17	10.88	2.13
SQU-DS	2025-05-22 04:30:00	6.99	38.15	0.21	7.16	10.88	2.06
SQU-DS	2025-05-22 04:45:00	6.96	38.01	0.22	7.15	10.40	1.50
SQU-DS	2025-05-22 05:00:00	6.91	37.60	0.22	7.16	10.71	3.59
SQU-DS	2025-05-22 05:15:00	6.87	37.47	0.23	7.16	10.86	4.57
SQU-DS	2025-05-22 05:30:00	6.84	37.53	0.23	7.14	10.57	2.51
SQU-DS	2025-05-22 05:45:00	6.78	36.98	0.21	7.14	10.64	0.99
SQU-DS	2025-05-22 06:00:00	6.73	36.98	0.21	7.14	10.87	2.04
SQU-DS	2025-05-22 06:15:00	6.70	36.80	0.22	7.14	10.86	2.44
SQU-DS	2025-05-22 06:30:00	6.68	36.50	0.22	7.15	10.98	1.80
SQU-DS	2025-05-22 06:45:00	6.64	36.60	0.22	7.15	10.32	3.24
SQU-DS	2025-05-22 07:00:00	6.62	36.62	0.23	7.15	10.83	0.79
SQU-DS	2025-05-22 07:15:00	6.63	36.39	0.23	7.15	10.88	1.06
SQU-DS	2025-05-22 07:30:00	6.60	36.57	0.21	7.14	11.10	0.63
SQU-DS	2025-05-22 07:45:00	6.61	36.45	0.20	7.15	11.12	1.22
SQU-DS	2025-05-22 08:00:00	6.63	36.45	0.20	7.14	11.15	1.82
SQU-DS	2025-05-22 08:15:00	6.63	36.57	0.21	7.14	11.17	1.84
SQU-DS	2025-05-22 08:30:00	6.61	36.44	0.21	7.17	11.19	1.42
SQU-DS	2025-05-22 08:45:00	6.63	36.72	0.22	7.15	11.19	0.09
SQU-DS	2025-05-22 09:00:00	6.72	36.41	0.22	7.17	11.18	1.88
SQU-DS	2025-05-22 09:15:00	6.70	36.66	0.23	7.16	11.20	1.44
SQU-DS	2025-05-22 09:30:00	6.68	36.76	0.23	7.17	11.21	1.60
SQU-DS	2025-05-22 09:45:00	6.77	36.95	0.21	7.18	11.19	1.02
SQU-DS	2025-05-22 10:00:00	6.91	37.24	0.22	7.15	11.20	0.89
SQU-DS	2025-05-22 10:15:00	7.02	37.26	0.22	7.16	11.20	1.00
SQU-DS	2025-05-22 10:30:00	7.11	37.17	0.22	7.16	11.19	1.29
SQU-DS	2025-05-22 10:45:00	7.22	37.35	0.22	7.17	11.16	1.59
SQU-DS	2025-05-22 11:00:00	7.30	37.53	0.23	7.14	11.17	1.61
SQU-DS	2025-05-22 11:15:00	7.39	37.43	0.23	7.17	11.15	1.80
SQU-DS	2025-05-22 11:30:00	7.49	36.81	0.24	7.18	11.19	1.49
SQU-DS	2025-05-22 11:45:00	7.60	36.89	0.22	7.19	11.16	0.77
SQU-DS	2025-05-22 12:00:00	7.71	36.83	0.22	7.19	11.12	0.64
SQU-DS	2025-05-22 12:15:00	7.82	36.91	0.22	7.20	11.13	0.85
SQU-DS	2025-05-22 12:30:00	7.93	36.89	0.22	7.20	11.11	1.14
SQU-DS	2025-05-22 12:45:00	8.05	36.95	0.23	7.20	11.09	1.31
SQU-DS	2025-05-22 13:00:00	8.15	36.95	0.23	7.21	11.12	0.79
SQU-DS	2025-05-22 13:15:00	8.27	36.92	0.24	7.21	11.07	1.51
SQU-DS	2025-05-22 13:30:00	8.37	36.86	0.24	7.20	11.07	0.96
SQU-DS	2025-05-22 13:45:00	8.49	36.76	0.22	7.22	11.04	0.87
SQU-DS	2025-05-22 14:00:00	8.58	36.88	0.22	7.21	11.04	1.16
SQU-DS	2025-05-22 14:15:00	8.68	36.99	0.23	7.20	11.01	1.53
SQU-DS	2025-05-22 14:30:00	8.77	36.89	0.22	7.22	11.00	1.70
SQU-DS	2025-05-22 14:45:00	8.83	36.96	0.23	7.19	11.00	0.74
SQU-DS	2025-05-22 15:00:00	8.88	36.92	0.23	7.22	10.99	2.66

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-22 15:15:00	8.93	37.03	0.24	7.22	10.97	2.04
SQU-DS	2025-05-22 15:30:00	8.95	37.03	0.24	7.21	10.93	2.18
SQU-DS	2025-05-22 15:45:00	8.97	37.42	0.22	7.19	10.93	0.70
SQU-DS	2025-05-22 16:00:00	9.00	37.12	0.22	7.23	10.93	1.82
SQU-DS	2025-05-22 16:15:00	9.04	37.33	0.22	7.21	10.90	1.28
SQU-DS	2025-05-22 16:30:00	9.06	37.48	0.23	7.21	10.88	2.06
SQU-DS	2025-05-22 16:45:00	9.10	37.59	0.23	7.17	10.86	1.26
SQU-DS	2025-05-22 17:00:00	9.15	37.58	0.24	7.21	10.86	0.96
SQU-DS	2025-05-22 17:15:00	9.22	37.53	0.24	7.20	10.84	1.76
SQU-DS	2025-05-22 17:30:00	9.28	37.65	0.24	7.19	10.80	2.17
SQU-DS	2025-05-22 17:45:00	9.29	37.58	0.22	7.21	10.80	1.66
SQU-DS	2025-05-22 18:00:00	9.29	37.88	0.22	7.20	10.79	1.69
SQU-DS	2025-05-22 18:15:00	9.29	37.81	0.22	7.20	10.77	1.82
SQU-DS	2025-05-22 18:30:00	9.30	37.94	0.23	7.19	10.76	1.78
SQU-DS	2025-05-22 18:45:00	9.27	37.93	0.23	7.16	10.75	2.62
SQU-DS	2025-05-22 19:00:00	9.22	37.94	0.23	7.21	10.73	1.57
SQU-DS	2025-05-22 19:15:00	9.16	37.94	0.24	7.20	10.71	2.48
SQU-DS	2025-05-22 19:30:00	9.12	38.17	0.23	7.20	10.70	1.50
SQU-DS	2025-05-22 19:45:00	9.09	37.96	0.21	7.19	10.65	1.13
SQU-DS	2025-05-22 20:00:00	9.06	38.32	0.22	7.13	10.67	1.12
SQU-DS	2025-05-22 20:15:00	9.03	38.48	0.22	7.20	10.61	2.57
SQU-DS	2025-05-22 20:30:00	9.01	38.31	0.22	7.19	10.64	1.45
SQU-DS	2025-05-22 20:45:00	8.98	38.31	0.23	7.19	10.62	4.00
SQU-DS	2025-05-22 21:00:00	8.95	38.65	0.23	7.18	10.59	1.84
SQU-DS	2025-05-22 21:15:00	8.90	38.53	0.24	7.19	10.57	2.72
SQU-DS	2025-05-22 21:30:00	8.86	38.64	0.24	7.17	10.55	2.01
SQU-DS	2025-05-22 21:45:00	8.83	38.72	0.21	7.18	10.55	2.20
SQU-DS	2025-05-22 22:00:00	8.79	38.76	0.22	7.16	10.54	2.52
SQU-DS	2025-05-22 22:15:00	8.76	38.74	0.22	7.17	10.53	2.87
SQU-DS	2025-05-22 22:30:00	8.73	39.11	0.22	7.17	10.50	2.89
SQU-DS	2025-05-22 22:45:00	8.69	38.82	0.23	7.16	10.51	3.26
SQU-DS	2025-05-22 23:00:00	8.65	38.95	0.23	7.16	10.52	3.63
SQU-DS	2025-05-22 23:15:00	8.61	39.01	0.23	7.17	10.51	4.81
SQU-DS	2025-05-22 23:30:00	8.56	39.01	0.24	7.13	10.51	3.08
SQU-DS	2025-05-22 23:45:00	8.51	38.52	0.21	7.18	10.53	3.01
SQU-DS	2025-05-23 00:00:00	8.45	38.31	0.22	7.18	10.57	3.52
SQU-DS	2025-05-23 00:15:00	8.41	38.11	0.22	7.20	10.59	1.89
SQU-DS	2025-05-23 00:30:00	8.35	38.02	0.21	7.18	10.59	3.93
SQU-DS	2025-05-23 00:45:00	8.30	37.88	0.22	7.21	10.62	4.50
SQU-DS	2025-05-23 01:00:00	8.24	37.82	0.23	7.20	10.63	3.53
SQU-DS	2025-05-23 01:15:00	8.19	37.58	0.23	7.20	10.65	4.33
SQU-DS	2025-05-23 01:30:00	8.11	37.50	0.23	7.21	10.66	3.25
SQU-DS	2025-05-23 01:45:00	8.05	37.36	0.21	7.18	10.69	2.65
SQU-DS	2025-05-23 02:00:00	7.98	37.10	0.22	7.22	10.72	3.08
SQU-DS	2025-05-23 02:15:00	7.89	36.98	0.22	7.22	10.75	3.21
SQU-DS	2025-05-23 02:30:00	7.80	37.10	0.21	7.19	10.77	3.20
SQU-DS	2025-05-23 02:45:00	7.76	37.01	0.22	7.20	10.77	2.75
SQU-DS	2025-05-23 03:00:00	7.66	37.23	0.23	7.21	10.80	2.66
SQU-DS	2025-05-23 03:15:00	7.58	37.52	0.23	7.20	10.81	2.78
SQU-DS	2025-05-23 03:30:00	7.51	38.16	0.22	7.20	10.81	2.54
SQU-DS	2025-05-23 03:45:00	7.47	38.11	0.20	7.20	10.84	1.68
SQU-DS	2025-05-23 04:00:00	7.42	38.55	0.21	7.18	10.84	2.34
SQU-DS	2025-05-23 04:15:00	7.39	39.15	0.21	7.16	10.82	2.50
SQU-DS	2025-05-23 04:30:00	7.35	39.13	0.21	7.16	10.80	1.95
SQU-DS	2025-05-23 04:45:00	7.31	39.25	0.21	7.17	10.83	2.16
SQU-DS	2025-05-23 05:00:00	7.27	39.17	0.22	7.17	10.84	2.02
SQU-DS	2025-05-23 05:15:00	7.21	38.55	0.23	7.16	10.86	2.45
SQU-DS	2025-05-23 05:30:00	7.21	38.44	0.23	7.15	10.82	2.44

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-23 05:45:00	7.18	38.11	0.21	7.15	10.83	2.28
SQU-DS	2025-05-23 06:00:00	7.14	37.81	0.21	7.15	10.86	1.39
SQU-DS	2025-05-23 06:15:00	7.11	37.61	0.22	7.11	10.85	2.28
SQU-DS	2025-05-23 06:30:00	7.10	37.26	0.22	7.12	10.91	4.04
SQU-DS	2025-05-23 06:45:00	7.05	37.24	0.22	7.14	10.90	2.82
SQU-DS	2025-05-23 07:00:00	7.03	37.30	0.23	7.16	10.94	2.02
SQU-DS	2025-05-23 07:15:00	7.03	37.05	0.23	7.16	10.95	2.92
SQU-DS	2025-05-23 07:30:00	7.05	36.87	0.22	7.15	10.99	5.84
SQU-DS	2025-05-23 07:45:00	7.02	37.11	0.20	7.13	11.00	4.10
SQU-DS	2025-05-23 08:00:00	7.03	36.69	0.21	7.16	11.04	2.22
SQU-DS	2025-05-23 08:15:00	7.04	36.88	0.22	7.16	11.03	2.54
SQU-DS	2025-05-23 08:30:00	7.06	36.85	0.22	7.16	11.06	3.23
SQU-DS	2025-05-23 08:45:00	7.12	36.99	0.22	7.18	11.07	2.72
SQU-DS	2025-05-23 09:00:00	7.17	36.77	0.23	7.18	11.10	1.61
SQU-DS	2025-05-23 09:15:00	7.23	36.83	0.23	7.19	11.07	1.09
SQU-DS	2025-05-23 09:30:00	7.26	37.27	0.21	7.15	11.02	0.69
SQU-DS	2025-05-23 09:45:00	7.31	37.02	0.20	7.17	11.09	0.69
SQU-DS	2025-05-23 10:00:00	7.34	37.39	0.21	7.17	11.06	1.14
SQU-DS	2025-05-23 10:15:00	7.42	37.50	0.22	7.14	11.08	1.13
SQU-DS	2025-05-23 10:30:00	7.53	37.56	0.22	7.17	10.99	1.02
SQU-DS	2025-05-23 10:45:00	7.59	37.35	0.22	7.19	11.04	1.08
SQU-DS	2025-05-23 11:00:00	7.67	37.62	0.23	7.12	11.07	1.28
SQU-DS	2025-05-23 11:15:00	7.75	37.28	0.23	7.20	11.11	1.04
SQU-DS	2025-05-23 11:30:00	7.84	37.23	0.22	7.18	11.07	1.04
SQU-DS	2025-05-23 11:45:00	7.92	37.16	0.21	7.20	11.06	1.15
SQU-DS	2025-05-23 12:00:00	7.99	37.17	0.22	7.18	11.07	1.92
SQU-DS	2025-05-23 12:15:00	8.08	37.03	0.22	7.19	11.04	3.42
SQU-DS	2025-05-23 12:30:00	8.14	37.05	0.23	7.19	11.02	2.06
SQU-DS	2025-05-23 12:45:00	8.22	37.26	0.23	7.17	11.05	1.02
SQU-DS	2025-05-23 13:00:00	8.33	37.27	0.23	7.20	11.03	1.80
SQU-DS	2025-05-23 13:15:00	8.44	37.28	0.24	7.20	11.02	1.52
SQU-DS	2025-05-23 13:30:00	8.59	37.20	0.23	7.19	10.97	0.91
SQU-DS	2025-05-23 13:45:00	8.70	37.41	0.21	7.22	10.99	1.22
SQU-DS	2025-05-23 14:00:00	8.77	37.21	0.22	7.21	10.92	2.74
SQU-DS	2025-05-23 14:15:00	8.80	37.25	0.22	7.23	10.97	0.60
SQU-DS	2025-05-23 14:30:00	8.84	36.97	0.22	7.23	10.97	7.88
SQU-DS	2025-05-23 14:45:00	8.88	37.29	0.23	7.21	10.93	2.38
SQU-DS	2025-05-23 15:00:00	8.89	37.61	0.23	7.27	10.92	0.99
SQU-DS	2025-05-23 15:15:00	8.93	37.44	0.24	7.23	10.94	4.37
SQU-DS	2025-05-23 15:30:00	8.97	37.49	0.22	7.25	10.92	1.61
SQU-DS	2025-05-23 15:45:00	9.00	37.54	0.21	7.27	10.92	0.75
SQU-DS	2025-05-23 16:00:00	8.98	37.51	0.21	7.27	10.92	3.65
SQU-DS	2025-05-23 16:15:00	9.00	37.53	0.22	7.25	10.88	1.56
SQU-DS	2025-05-23 16:30:00	9.03	37.75	0.23	7.19	10.89	1.73
SQU-DS	2025-05-23 16:45:00	9.05	37.93	0.23	7.25	10.88	2.20
SQU-DS	2025-05-23 17:00:00	9.07	37.90	0.23	7.23	10.84	0.75
SQU-DS	2025-05-23 17:15:00	9.08	38.19	0.24	7.27	10.83	4.27
SQU-DS	2025-05-23 17:30:00	9.07	38.41	0.24	7.24	10.78	1.61
SQU-DS	2025-05-23 17:45:00	9.07	38.60	0.21	7.17	10.78	1.15
SQU-DS	2025-05-23 18:00:00	9.07	38.26	0.22	7.20	10.80	1.06
SQU-DS	2025-05-23 18:15:00	9.07	38.28	0.22	7.17	10.75	2.30
SQU-DS	2025-05-23 18:30:00	9.07	38.55	0.24	7.17	10.76	1.17
SQU-DS	2025-05-23 18:45:00	9.07	38.60	0.23	7.17	10.78	1.66
SQU-DS	2025-05-23 19:00:00	9.06	38.78	0.23	7.16	10.73	1.69
SQU-DS	2025-05-23 19:15:00	9.05	38.87	0.24	7.20	10.74	1.83
SQU-DS	2025-05-23 19:30:00	9.04	38.46	0.24	7.22	10.73	1.35
SQU-DS	2025-05-23 19:45:00	9.02	38.64	0.22	7.20	10.72	1.32
SQU-DS	2025-05-23 20:00:00	9.02	38.79	0.22	7.20	10.68	4.39

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-23 20:15:00	9.04	38.74	0.23	7.18	10.66	5.87
SQU-DS	2025-05-23 20:30:00	9.02	38.84	0.23	7.19	10.63	0.61
SQU-DS	2025-05-23 20:45:00	9.00	38.78	0.23	7.18	10.63	3.68
SQU-DS	2025-05-23 21:00:00	8.98	38.74	0.23	7.20	10.61	1.83
SQU-DS	2025-05-23 21:15:00	8.94	38.82	0.24	7.17	10.59	3.00
SQU-DS	2025-05-23 21:30:00	8.93	38.79	0.23	7.18	10.52	2.42
SQU-DS	2025-05-23 21:45:00	8.87	38.79	0.21	7.15	10.53	3.75
SQU-DS	2025-05-23 22:00:00	8.83	38.70	0.22	7.14	10.54	2.01
SQU-DS	2025-05-23 22:15:00	8.79	38.82	0.22	7.15	10.49	1.24
SQU-DS	2025-05-23 22:30:00	8.75	38.65	0.23	7.15	10.51	1.88
SQU-DS	2025-05-23 22:45:00	8.73	38.67	0.23	7.16	10.53	1.73
SQU-DS	2025-05-23 23:00:00	8.68	38.68	0.23	7.17	10.54	2.88
SQU-DS	2025-05-23 23:15:00	8.64	38.62	0.23	7.15	10.54	2.52
SQU-DS	2025-05-23 23:30:00	8.62	38.52	0.24	7.16	10.54	3.47
SQU-DS	2025-05-23 23:45:00	8.55	38.46	0.21	7.16	10.50	1.99
SQU-DS	2025-05-24 00:00:00	8.50	38.48	0.22	7.16	10.56	2.33
SQU-DS	2025-05-24 00:15:00	8.44	38.25	0.22	7.15	10.58	2.16
SQU-DS	2025-05-24 00:30:00	8.38	38.11	0.23	7.18	10.62	3.29
SQU-DS	2025-05-24 00:45:00	8.33	37.84	0.23	7.19	10.63	2.32
SQU-DS	2025-05-24 01:00:00	8.27	37.78	0.23	7.19	10.65	1.79
SQU-DS	2025-05-24 01:15:00	8.22	37.65	0.24	7.20	10.65	1.52
SQU-DS	2025-05-24 01:30:00	8.15	37.64	0.25	7.20	10.68	4.37
SQU-DS	2025-05-24 01:45:00	8.10	37.42	0.22	7.21	10.69	2.38
SQU-DS	2025-05-24 02:00:00	8.02	37.16	0.22	7.21	10.71	2.29
SQU-DS	2025-05-24 02:15:00	7.95	37.09	0.23	7.21	10.74	2.07
SQU-DS	2025-05-24 02:30:00	7.88	37.04	0.22	7.22	10.74	2.39
SQU-DS	2025-05-24 02:45:00	7.81	37.04	0.23	7.22	10.76	1.69
SQU-DS	2025-05-24 03:00:00	7.72	37.09	0.24	7.22	10.80	2.57
SQU-DS	2025-05-24 03:15:00	7.66	37.09	0.24	7.21	10.79	1.49
SQU-DS	2025-05-24 03:30:00	7.58	37.31	0.24	7.21	10.82	1.49
SQU-DS	2025-05-24 03:45:00	7.53	37.72	0.22	7.17	10.82	2.23
SQU-DS	2025-05-24 04:00:00	7.50	38.04	0.22	7.16	10.80	2.81
SQU-DS	2025-05-24 04:15:00	7.44	38.54	0.22	7.19	10.80	2.40
SQU-DS	2025-05-24 04:30:00	7.42	38.80	0.22	7.19	10.83	0.84
SQU-DS	2025-05-24 04:45:00	7.39	39.55	0.22	7.18	10.82	2.49
SQU-DS	2025-05-24 05:00:00	7.37	39.68	0.23	7.16	10.80	2.31
SQU-DS	2025-05-24 05:15:00	7.36	39.33	0.23	7.15	10.80	5.33
SQU-DS	2025-05-24 05:30:00	7.31	39.21	0.24	7.15	10.74	1.60
SQU-DS	2025-05-24 05:45:00	7.29	38.84	0.22	7.16	10.66	1.61
SQU-DS	2025-05-24 06:00:00	7.27	38.62	0.22	7.16	10.71	2.20
SQU-DS	2025-05-24 06:15:00	7.26	38.54	0.22	7.11	10.66	1.56
SQU-DS	2025-05-24 06:30:00	7.21	37.77	0.23	7.17	10.86	2.55
SQU-DS	2025-05-24 06:45:00	7.20	37.64	0.23	7.16	10.89	1.49
SQU-DS	2025-05-24 07:00:00	7.19	37.77	0.24	7.16	10.92	2.14
SQU-DS	2025-05-24 07:15:00	7.18	37.54	0.24	7.16	10.81	2.13
SQU-DS	2025-05-24 07:30:00	7.16	37.41	0.26	7.16	10.94	1.87
SQU-DS	2025-05-24 07:45:00	7.16	37.53	0.22	7.16	10.98	2.63
SQU-DS	2025-05-24 08:00:00	7.17	37.41	0.23	7.17	10.96	3.60
SQU-DS	2025-05-24 08:15:00	7.18	37.31	0.23	7.16	10.98	2.41
SQU-DS	2025-05-24 08:30:00	7.18	37.32	0.22	7.17	11.02	3.74
SQU-DS	2025-05-24 08:45:00	7.18	37.29	0.23	7.18	11.04	1.77
SQU-DS	2025-05-24 09:00:00	7.21	37.48	0.23	7.16	11.07	1.53
SQU-DS	2025-05-24 09:15:00	7.24	37.48	0.24	7.16	11.05	1.29
SQU-DS	2025-05-24 09:30:00	7.26	37.45	0.26	7.17	11.08	1.45
SQU-DS	2025-05-24 09:45:00	7.30	37.36	0.22	7.19	11.07	1.43
SQU-DS	2025-05-24 10:00:00	7.37	37.38	0.23	7.18	11.10	2.64
SQU-DS	2025-05-24 10:15:00	7.46	37.51	0.23	7.18	11.09	1.61
SQU-DS	2025-05-24 10:30:00	7.56	37.43	0.22	7.20	11.10	1.26

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-24 10:45:00	7.66	37.51	0.23	7.19	11.10	0.79
SQU-DS	2025-05-24 11:00:00	7.78	37.55	0.24	7.19	11.10	0.82
SQU-DS	2025-05-24 11:15:00	7.89	37.94	0.24	7.20	11.08	2.68
SQU-DS	2025-05-24 11:30:00	8.00	37.89	0.25	7.20	11.05	3.62
SQU-DS	2025-05-24 11:45:00	8.11	37.92	0.22	7.20	11.06	0.81
SQU-DS	2025-05-24 12:00:00	8.22	38.16	0.22	7.19	11.02	2.04
SQU-DS	2025-05-24 12:15:00	8.32	38.20	0.23	7.18	11.01	1.39
SQU-DS	2025-05-24 12:30:00	8.41	38.27	0.22	7.19	10.98	0.93
SQU-DS	2025-05-24 12:45:00	8.53	37.94	0.23	7.17	10.97	1.02
SQU-DS	2025-05-24 13:00:00	8.60	38.18	0.24	7.21	10.99	1.88
SQU-DS	2025-05-24 13:15:00	8.72	38.29	0.24	7.21	10.95	1.48
SQU-DS	2025-05-24 13:30:00	8.84	38.35	0.25	7.20	10.90	1.50
SQU-DS	2025-05-24 13:45:00	8.94	38.16	0.22	7.19	10.88	1.41
SQU-DS	2025-05-24 14:00:00	9.05	38.43	0.22	7.21	10.91	1.43
SQU-DS	2025-05-24 14:15:00	9.12	38.03	0.23	7.22	10.87	2.57
SQU-DS	2025-05-24 14:30:00	9.22	38.16	0.22	7.22	10.89	1.29
SQU-DS	2025-05-24 14:45:00	9.33	37.98	0.23	7.21	10.85	1.82
SQU-DS	2025-05-24 15:00:00	9.40	37.70	0.24	7.25	10.87	2.22
SQU-DS	2025-05-24 15:15:00	9.44	37.74	0.24	7.24	10.84	1.05
SQU-DS	2025-05-24 15:30:00	9.46	37.68	0.24	7.26	10.82	2.02
SQU-DS	2025-05-24 15:45:00	9.51	37.39	0.22	7.24	10.81	6.57
SQU-DS	2025-05-24 16:00:00	9.56	37.31	0.22	7.29	10.77	0.98
SQU-DS	2025-05-24 16:15:00	9.62	37.37	0.23	7.30	10.80	2.42
SQU-DS	2025-05-24 16:30:00	9.69	37.38	0.22	7.30	10.77	8.57
SQU-DS	2025-05-24 16:45:00	9.78	37.39	0.23	7.31	10.75	1.90
SQU-DS	2025-05-24 17:00:00	9.85	37.43	0.23	7.31	10.71	1.16
SQU-DS	2025-05-24 17:15:00	9.89	37.56	0.24	7.31	10.73	0.57
SQU-DS	2025-05-24 17:30:00	9.93	37.66	0.24	7.31	10.71	0.77
SQU-DS	2025-05-24 17:45:00	9.97	37.91	0.21	7.30	10.64	0.84
SQU-DS	2025-05-24 18:00:00	10.00	38.54	0.22	7.29	10.66	0.25
SQU-DS	2025-05-24 18:15:00	10.00	38.95	0.22	7.27	10.56	1.56
SQU-DS	2025-05-24 18:30:00	10.00	39.35	0.22	7.26	10.59	1.32
SQU-DS	2025-05-24 18:45:00	9.98	39.31	0.22	7.30	10.56	2.91
SQU-DS	2025-05-24 19:00:00	9.96	39.57	0.23	7.27	10.51	1.28
SQU-DS	2025-05-24 19:15:00	9.94	39.70	0.23	7.27	10.50	1.06
SQU-DS	2025-05-24 19:30:00	9.90	39.69	0.23	7.25	10.44	1.63
SQU-DS	2025-05-24 19:45:00	9.85	39.55	0.22	7.24	10.46	1.12
SQU-DS	2025-05-24 20:00:00	9.81	39.76	0.22	7.21	10.40	1.43
SQU-DS	2025-05-24 20:15:00	9.79	39.73	0.23	7.22	10.39	3.32
SQU-DS	2025-05-24 20:30:00	9.77	39.61	0.22	7.20	10.39	1.36
SQU-DS	2025-05-24 20:45:00	9.75	39.69	0.23	7.20	10.35	1.69
SQU-DS	2025-05-24 21:00:00	9.72	39.69	0.24	7.19	10.34	1.82
SQU-DS	2025-05-24 21:15:00	9.69	39.54	0.24	7.13	10.30	1.70
SQU-DS	2025-05-24 21:30:00	9.66	39.52	0.23	7.19	10.30	2.14
SQU-DS	2025-05-24 21:45:00	9.62	39.42	0.21	7.17	10.27	3.94
SQU-DS	2025-05-24 22:00:00	9.59	39.32	0.22	7.16	10.27	5.22
SQU-DS	2025-05-24 22:15:00	9.54	39.00	0.23	7.14	10.28	4.54
SQU-DS	2025-05-24 22:30:00	9.48	38.80	0.22	7.17	10.27	6.19
SQU-DS	2025-05-24 22:45:00	9.40	38.67	0.23	7.16	10.31	5.38
SQU-DS	2025-05-24 23:00:00	9.34	38.58	0.23	7.17	10.31	5.02
SQU-DS	2025-05-24 23:15:00	9.27	38.29	0.24	7.17	10.31	8.94
SQU-DS	2025-05-24 23:30:00	9.18	38.10	0.24	7.16	10.34	7.00
SQU-DS	2025-05-24 23:45:00	9.09	37.82	0.22	7.18	10.37	6.36
SQU-DS	2025-05-25 00:00:00	9.02	37.70	0.22	7.17	10.38	6.54
SQU-DS	2025-05-25 00:15:00	8.94	37.38	0.23	7.17	10.41	8.62
SQU-DS	2025-05-25 00:30:00	8.85	37.18	0.21	7.18	10.42	7.60
SQU-DS	2025-05-25 00:45:00	8.76	36.80	0.23	7.17	10.46	8.28
SQU-DS	2025-05-25 01:00:00	8.69	36.52	0.23	7.18	10.48	9.16

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-25 01:15:00	8.58	36.24	0.24	7.21	10.52	8.07
SQU-DS	2025-05-25 01:30:00	8.49	35.95	0.25	7.19	10.52	7.17
SQU-DS	2025-05-25 01:45:00	8.42	35.75	0.22	7.13	10.54	6.87
SQU-DS	2025-05-25 02:00:00	8.33	35.32	0.23	7.21	10.60	8.96
SQU-DS	2025-05-25 02:15:00	8.20	34.98	0.23	7.19	10.62	7.66
SQU-DS	2025-05-25 02:30:00	8.11	34.82	0.22	7.21	10.64	7.47
SQU-DS	2025-05-25 02:45:00	8.02	34.60	0.23	7.18	10.68	10.77
SQU-DS	2025-05-25 03:00:00	7.92	34.45	0.24	7.18	10.69	6.19
SQU-DS	2025-05-25 03:15:00	7.81	34.29	0.24	7.18	10.73	5.92
SQU-DS	2025-05-25 03:30:00	7.70	34.36	0.25	7.23	10.75	7.07
SQU-DS	2025-05-25 03:45:00	7.63	34.80	0.23	7.30	10.75	8.73
SQU-DS	2025-05-25 04:00:00	7.56	34.89	0.23	7.29	10.77	8.66
SQU-DS	2025-05-25 04:15:00	7.47	34.89	0.24	7.20	10.79	7.14
SQU-DS	2025-05-25 04:30:00	7.41	35.17	0.19	7.19	10.81	5.01
SQU-DS	2025-05-25 04:45:00	7.34	35.83	0.21	7.17	10.81	6.00
SQU-DS	2025-05-25 05:00:00	7.30	35.82	0.22	7.19	10.83	8.44
SQU-DS	2025-05-25 05:15:00	7.23	35.88	0.23	7.17	10.83	4.50
SQU-DS	2025-05-25 05:30:00	7.20	36.00	0.23	7.15	10.79	5.40
SQU-DS	2025-05-25 05:45:00	7.17	35.96	0.21	7.15	10.83	6.08
SQU-DS	2025-05-25 06:00:00	7.15	35.94	0.22	7.16	10.81	4.65
SQU-DS	2025-05-25 06:15:00	7.12	35.51	0.23	7.14	10.84	4.32
SQU-DS	2025-05-25 06:30:00	7.09	34.99	0.19	7.14	10.85	5.03
SQU-DS	2025-05-25 06:45:00	7.04	34.55	0.21	7.16	10.90	4.75
SQU-DS	2025-05-25 07:00:00	7.04	34.48	0.22	7.16	10.90	5.32
SQU-DS	2025-05-25 07:15:00	7.01	34.25	0.23	7.17	10.96	5.34
SQU-DS	2025-05-25 07:30:00	7.00	34.10	0.23	7.15	10.98	3.87
SQU-DS	2025-05-25 07:45:00	6.99	33.97	0.22	7.18	11.00	3.86
SQU-DS	2025-05-25 08:00:00	7.01	33.93	0.22	7.14	11.00	4.63
SQU-DS	2025-05-25 08:15:00	7.02	33.87	0.23	7.15	11.02	3.81
SQU-DS	2025-05-25 08:30:00	7.05	33.73	0.20	7.17	11.03	4.17
SQU-DS	2025-05-25 08:45:00	7.11	33.75	0.22	7.17	11.06	3.98
SQU-DS	2025-05-25 09:00:00	7.16	33.64	0.23	7.16	11.09	2.66
SQU-DS	2025-05-25 09:15:00	7.18	33.62	0.23	7.15	11.10	4.21
SQU-DS	2025-05-25 09:30:00	7.21	33.70	0.23	7.18	11.12	2.31
SQU-DS	2025-05-25 09:45:00	7.26	33.67	0.22	7.15	11.12	3.41
SQU-DS	2025-05-25 10:00:00	7.31	33.60	0.23	7.15	11.13	4.03
SQU-DS	2025-05-25 10:15:00	7.36	33.34	0.23	7.18	11.12	5.76
SQU-DS	2025-05-25 10:30:00	7.45	33.40	0.20	7.18	11.11	21.10
SQU-DS	2025-05-25 10:45:00	7.51	33.31	0.22	7.20	11.14	4.01
SQU-DS	2025-05-25 11:00:00	7.57	33.58	0.23	7.19	11.13	3.10
SQU-DS	2025-05-25 11:15:00	7.63	33.62	0.24	7.18	11.11	3.01
SQU-DS	2025-05-25 11:30:00	7.67	33.64	0.24	7.19	11.09	4.15
SQU-DS	2025-05-25 11:45:00	7.72	33.75	0.22	7.15	11.10	4.83
SQU-DS	2025-05-25 12:00:00	7.79	33.89	0.23	7.17	11.06	4.55
SQU-DS	2025-05-25 12:15:00	7.88	33.97	0.23	7.19	11.06	2.92
SQU-DS	2025-05-25 12:30:00	7.96	34.03	0.20	7.20	11.05	2.71
SQU-DS	2025-05-25 12:45:00	8.05	33.90	0.22	7.21	11.03	5.03
SQU-DS	2025-05-25 13:00:00	8.16	34.03	0.23	7.16	11.02	3.81
SQU-DS	2025-05-25 13:15:00	8.32	34.13	0.24	7.16	10.99	3.20
SQU-DS	2025-05-25 13:30:00	8.47	34.05	0.23	7.19	10.98	3.18
SQU-DS	2025-05-25 13:45:00	8.61	34.00	0.22	7.20	10.97	4.52
SQU-DS	2025-05-25 14:00:00	8.70	34.11	0.22	7.22	10.96	2.73
SQU-DS	2025-05-25 14:15:00	8.81	34.27	0.23	7.19	10.92	3.74
SQU-DS	2025-05-25 14:30:00	8.93	34.20	0.20	7.22	10.91	3.54
SQU-DS	2025-05-25 14:45:00	8.96	34.34	0.22	7.21	10.90	3.13
SQU-DS	2025-05-25 15:00:00	8.95	34.06	0.23	7.21	10.88	4.59
SQU-DS	2025-05-25 15:15:00	9.05	34.20	0.24	7.22	10.87	5.47
SQU-DS	2025-05-25 15:30:00	9.17	34.29	0.24	7.21	10.86	4.34

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-25 15:45:00	9.30	34.43	0.22	7.22	10.81	4.44
SQU-DS	2025-05-25 16:00:00	9.38	34.02	0.23	7.25	10.82	4.09
SQU-DS	2025-05-25 16:15:00	9.40	33.91	0.23	7.25	10.82	3.21
SQU-DS	2025-05-25 16:30:00	9.42	33.69	0.20	7.27	10.79	3.94
SQU-DS	2025-05-25 16:45:00	9.46	33.42	0.22	7.29	10.79	6.23
SQU-DS	2025-05-25 17:00:00	9.48	33.57	0.23	7.30	10.77	3.70
SQU-DS	2025-05-25 17:15:00	9.48	33.54	0.24	7.32	10.75	5.04
SQU-DS	2025-05-25 17:30:00	9.48	33.43	0.23	7.32	10.74	2.43
SQU-DS	2025-05-25 17:45:00	9.47	33.37	0.22	7.28	10.72	5.95
SQU-DS	2025-05-25 18:00:00	9.45	33.36	0.23	7.32	10.71	4.49
SQU-DS	2025-05-25 18:15:00	9.43	33.50	0.23	7.31	10.70	4.45
SQU-DS	2025-05-25 18:30:00	9.44	33.95	0.20	7.31	10.67	3.88
SQU-DS	2025-05-25 18:45:00	9.44	34.29	0.22	7.26	10.66	5.45
SQU-DS	2025-05-25 19:00:00	9.44	34.36	0.22	7.30	10.64	3.76
SQU-DS	2025-05-25 19:15:00	9.46	34.49	0.23	7.29	10.63	4.19
SQU-DS	2025-05-25 19:30:00	9.48	35.29	0.22	7.29	10.62	4.39
SQU-DS	2025-05-25 19:45:00	9.48	35.62	0.21	7.23	10.60	2.77
SQU-DS	2025-05-25 20:00:00	9.48	36.00	0.21	7.25	10.57	4.49
SQU-DS	2025-05-25 20:15:00	9.46	35.94	0.22	7.26	10.54	4.77
SQU-DS	2025-05-25 20:30:00	9.43	35.61	0.19	7.25	10.51	4.74
SQU-DS	2025-05-25 20:45:00	9.43	35.55	0.20	7.24	10.50	7.98
SQU-DS	2025-05-25 21:00:00	9.39	35.64	0.21	7.23	10.47	5.95
SQU-DS	2025-05-25 21:15:00	9.37	35.45	0.22	7.16	10.45	6.31
SQU-DS	2025-05-25 21:30:00	9.34	35.27	0.22	7.19	10.43	5.29
SQU-DS	2025-05-25 21:45:00	9.29	35.09	0.21	7.21	10.43	5.61
SQU-DS	2025-05-25 22:00:00	9.27	34.99	0.21	7.04	10.39	6.73
SQU-DS	2025-05-25 22:15:00	9.23	34.70	0.22	7.21	10.40	9.33
SQU-DS	2025-05-25 22:30:00	9.16	34.58	0.18	7.20	10.42	6.25
SQU-DS	2025-05-25 22:45:00	9.11	34.46	0.20	7.19	10.39	11.98
SQU-DS	2025-05-25 23:00:00	9.06	34.16	0.21	7.15	10.45	9.62
SQU-DS	2025-05-25 23:15:00	9.00	34.15	0.22	7.18	10.47	8.52
SQU-DS	2025-05-25 23:30:00	8.92	34.07	0.21	7.19	10.46	9.20
SQU-DS	2025-05-25 23:45:00	8.87	34.24	0.20	7.20	10.48	10.48
SQU-US	2025-05-19 00:00:00	7.09	36.00	0.27		11.58	4.45
SQU-US	2025-05-19 00:15:00	7.03	36.18	0.21	7.15	11.58	5.31
SQU-US	2025-05-19 00:30:00	7.02	37.09	0.21	7.18	11.56	3.88
SQU-US	2025-05-19 00:45:00	6.96	36.67	0.21	7.18	11.58	2.55
SQU-US	2025-05-19 01:00:00	6.92	36.80	0.22	7.17	11.58	4.36
SQU-US	2025-05-19 01:15:00	6.89	36.95	0.23	7.11	11.60	4.04
SQU-US	2025-05-19 01:30:00	6.87	37.66	0.25	7.11	11.60	3.69
SQU-US	2025-05-19 01:45:00	6.84	38.24	0.26	7.09	11.56	5.79
SQU-US	2025-05-19 02:00:00	6.83	38.23	0.27	7.08	11.54	3.83
SQU-US	2025-05-19 02:15:00	6.84	38.63	0.19	7.10	11.53	5.11
SQU-US	2025-05-19 02:30:00	6.76	38.12	0.20	7.12	11.53	4.13
SQU-US	2025-05-19 02:45:00	6.76	38.78	0.22	7.05	11.51	5.03
SQU-US	2025-05-19 03:00:00	6.74	38.64	0.21	7.10	11.52	6.84
SQU-US	2025-05-19 03:15:00	6.69	37.98	0.23	7.06	11.55	4.41
SQU-US	2025-05-19 03:30:00	6.66	37.92	0.25	7.07	11.56	2.93
SQU-US	2025-05-19 03:45:00	6.64	37.69	0.26	7.07	11.57	4.04
SQU-US	2025-05-19 04:00:00	6.61	37.50	0.26	7.09	11.58	4.03
SQU-US	2025-05-19 04:15:00	6.58	37.49	0.20	7.13	11.59	4.92
SQU-US	2025-05-19 04:30:00	6.53	37.07	0.21	7.10	11.61	5.07
SQU-US	2025-05-19 04:45:00	6.50	36.80	0.21	7.12	11.64	6.03
SQU-US	2025-05-19 05:00:00	6.49	36.91	0.21	7.11	11.62	6.74
SQU-US	2025-05-19 05:15:00	6.47	37.00	0.23	7.08	11.62	3.72
SQU-US	2025-05-19 05:30:00	6.43	36.75	0.25	7.09	11.63	3.97
SQU-US	2025-05-19 05:45:00	6.42	36.68	0.26	7.04	11.63	3.05
SQU-US	2025-05-19 06:00:00	6.41	36.59	0.27	7.09	11.64	6.15

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-19 06:15:00	6.41	36.57	0.20	7.08	11.63	4.11
SQU-US	2025-05-19 06:30:00	6.38	36.57	0.20	7.11	11.64	3.78
SQU-US	2025-05-19 06:45:00	6.37	36.42	0.20	7.13	11.66	3.88
SQU-US	2025-05-19 07:00:00	6.37	36.15	0.20	7.14	11.66	8.07
SQU-US	2025-05-19 07:15:00	6.35	36.40	0.23	7.11	11.68	4.85
SQU-US	2025-05-19 07:30:00	6.32	36.61	0.25	7.09	11.68	3.50
SQU-US	2025-05-19 07:45:00	6.34	36.50	0.26	7.11	11.69	4.15
SQU-US	2025-05-19 08:00:00	6.32	36.79	0.27	7.11	11.70	4.42
SQU-US	2025-05-19 08:15:00	6.32	36.82	0.20	7.15	11.73	4.40
SQU-US	2025-05-19 08:30:00	6.33	36.61	0.22	7.08	11.75	4.22
SQU-US	2025-05-19 08:45:00	6.32	36.91	0.22	7.10	11.76	4.74
SQU-US	2025-05-19 09:00:00	6.35	37.00	0.21	7.16	11.79	4.59
SQU-US	2025-05-19 09:15:00	6.37	36.80	0.23	7.14	11.80	4.63
SQU-US	2025-05-19 09:30:00	6.37	37.01	0.25	7.13	11.81	3.89
SQU-US	2025-05-19 09:45:00	6.42	37.18	0.26	7.13	11.81	3.80
SQU-US	2025-05-19 10:00:00	6.43	37.14	0.27	7.15	11.82	3.72
SQU-US	2025-05-19 10:15:00	6.48	36.81	0.20	7.19	11.84	3.33
SQU-US	2025-05-19 10:30:00	6.54	36.61	0.21	7.16	11.85	3.76
SQU-US	2025-05-19 10:45:00	6.58	36.77	0.21	7.20	11.85	4.81
SQU-US	2025-05-19 11:00:00	6.64	36.98	0.23	7.19	11.82	3.95
SQU-US	2025-05-19 11:15:00	6.67	37.20	0.24	7.14	11.83	3.10
SQU-US	2025-05-19 11:30:00	6.70	37.46	0.25	7.14	11.80	3.40
SQU-US	2025-05-19 11:45:00	6.70	37.80	0.27	7.13	11.81	2.46
SQU-US	2025-05-19 12:00:00	6.69	37.71	0.28	7.11	11.81	3.83
SQU-US	2025-05-19 12:15:00	6.67	37.82	0.21	7.15	11.80	3.91
SQU-US	2025-05-19 12:30:00	6.65	37.59	0.20	7.20	11.81	3.05
SQU-US	2025-05-19 12:45:00	6.65	37.83	0.19	7.19	11.79	3.58
SQU-US	2025-05-19 13:00:00	6.68	37.83	0.20	7.14	11.79	5.60
SQU-US	2025-05-19 13:15:00	6.68	38.02	0.23	7.13	11.77	4.58
SQU-US	2025-05-19 13:30:00	6.67	38.03	0.25	7.13	11.80	3.39
SQU-US	2025-05-19 13:45:00	6.72	37.73	0.26	7.14	11.78	4.70
SQU-US	2025-05-19 14:00:00	6.78	38.02	0.27	7.12	11.79	3.29
SQU-US	2025-05-19 14:15:00	6.88	38.28	0.20	7.17	11.78	4.72
SQU-US	2025-05-19 14:30:00	6.93	37.71	0.20	7.17	11.76	6.53
SQU-US	2025-05-19 14:45:00	7.01	37.95	0.21	7.15	11.77	3.72
SQU-US	2025-05-19 15:00:00	7.07	37.82	0.20	7.18	11.78	3.49
SQU-US	2025-05-19 15:15:00	7.11	37.69	0.23	7.18	11.78	4.73
SQU-US	2025-05-19 15:30:00	7.20	38.27	0.25	7.15	11.76	6.47
SQU-US	2025-05-19 15:45:00	7.23	38.00	0.26	7.15	11.76	5.50
SQU-US	2025-05-19 16:00:00	7.25	37.77	0.27	7.18	11.77	4.12
SQU-US	2025-05-19 16:15:00	7.29	37.89	0.21	7.18	11.75	6.40
SQU-US	2025-05-19 16:30:00	7.30	37.78	0.21	7.23	11.74	7.19
SQU-US	2025-05-19 16:45:00	7.30	38.04	0.21	7.24	11.74	9.01
SQU-US	2025-05-19 17:00:00	7.32	38.21	0.21	7.20	11.73	6.67
SQU-US	2025-05-19 17:15:00	7.31	38.02	0.23	7.18	11.72	4.38
SQU-US	2025-05-19 17:30:00	7.32	37.91	0.25	7.16	11.72	4.71
SQU-US	2025-05-19 17:45:00	7.31	38.25	0.26	7.17	11.69	5.68
SQU-US	2025-05-19 18:00:00	7.31	38.25	0.27		11.68	4.82
SQU-US	2025-05-19 18:15:00	7.30	38.56	0.20	7.17	11.67	3.63
SQU-US	2025-05-19 18:30:00	7.27	38.67	0.20	7.18	11.66	5.87
SQU-US	2025-05-19 18:45:00	7.26	38.63	0.21	7.19	11.66	4.05
SQU-US	2025-05-19 19:00:00	7.25	38.44	0.22	7.15	11.63	3.89
SQU-US	2025-05-19 19:15:00	7.25	38.52	0.23	7.16	11.60	10.62
SQU-US	2025-05-19 19:30:00	7.25	38.78	0.25	7.13	11.58	7.44
SQU-US	2025-05-19 19:45:00	7.25	38.86	0.26	7.15	11.57	2.80
SQU-US	2025-05-19 20:00:00	7.24	38.82	0.27	7.14	11.57	3.82
SQU-US	2025-05-19 20:15:00	7.22	38.89	0.21	7.21	11.55	1.69
SQU-US	2025-05-19 20:30:00	7.20	38.95	0.21	7.15	11.56	2.53

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-19 20:45:00	7.18	39.01	0.20	7.16	11.52	3.28
SQU-US	2025-05-19 21:00:00	7.17	39.18	0.20	7.17	11.51	3.47
SQU-US	2025-05-19 21:15:00	7.16	39.15	0.23	7.10	11.50	4.02
SQU-US	2025-05-19 21:30:00	7.14	39.15	0.25	7.12	11.50	3.60
SQU-US	2025-05-19 21:45:00	7.12	39.05	0.26	7.13	11.49	3.64
SQU-US	2025-05-19 22:00:00	7.09	38.74	0.27	7.09	11.49	4.76
SQU-US	2025-05-19 22:15:00	7.08	38.79	0.18	7.15	11.50	8.67
SQU-US	2025-05-19 22:30:00	7.05	38.35	0.20	7.14	11.52	5.85
SQU-US	2025-05-19 22:45:00	7.00	38.54	0.20	7.15	11.55	3.94
SQU-US	2025-05-19 23:00:00	6.98	38.21	0.20	7.16	11.57	3.75
SQU-US	2025-05-19 23:15:00	6.94	37.84	0.22	7.13	11.57	6.75
SQU-US	2025-05-19 23:30:00	6.92	37.52	0.24	7.15	11.58	5.45
SQU-US	2025-05-19 23:45:00	6.86	37.49	0.25	7.14	11.59	3.62
SQU-US	2025-05-20 00:00:00	6.79	37.13	0.26	7.17	11.60	5.73
SQU-US	2025-05-20 00:15:00	6.76	37.25	0.19	7.21	11.61	2.87
SQU-US	2025-05-20 00:30:00	6.70	37.45	0.19	7.23	11.62	4.82
SQU-US	2025-05-20 00:45:00	6.66	37.42	0.19	7.19	11.63	3.34
SQU-US	2025-05-20 01:00:00	6.63	37.69	0.19	7.21	11.64	3.87
SQU-US	2025-05-20 01:15:00	6.60	37.83	0.22	7.15	11.64	3.07
SQU-US	2025-05-20 01:30:00	6.53	37.99	0.24	7.13	11.66	4.79
SQU-US	2025-05-20 01:45:00	6.54	38.75	0.25	7.13	11.64	4.93
SQU-US	2025-05-20 02:00:00	6.51	38.87	0.26	7.14	11.64	5.00
SQU-US	2025-05-20 02:15:00	6.50	38.87	0.18	7.17	11.66	3.65
SQU-US	2025-05-20 02:30:00	6.46	38.91	0.20	7.12	11.65	3.33
SQU-US	2025-05-20 02:45:00	6.42	39.41	0.21	7.19	11.64	4.01
SQU-US	2025-05-20 03:00:00	6.40	39.94	0.20	7.07	11.63	4.04
SQU-US	2025-05-20 03:15:00	6.40	40.73	0.22	7.09	11.61	3.29
SQU-US	2025-05-20 03:30:00	6.37	40.35	0.24	7.07	11.61	4.15
SQU-US	2025-05-20 03:45:00	6.37	40.77	0.26	7.07	11.59	4.79
SQU-US	2025-05-20 04:00:00	6.35	40.92	0.26	7.05	11.61	5.01
SQU-US	2025-05-20 04:15:00	6.34	40.31	0.19	7.12	11.61	3.96
SQU-US	2025-05-20 04:30:00	6.30	39.53	0.19	7.10	11.64	4.19
SQU-US	2025-05-20 04:45:00	6.27	38.92	0.20	7.13	11.69	4.94
SQU-US	2025-05-20 05:00:00	6.26	38.93	0.20	7.10	11.66	8.11
SQU-US	2025-05-20 05:15:00	6.23	38.44	0.22	7.11	11.68	4.00
SQU-US	2025-05-20 05:30:00	6.22	38.15	0.24	7.10	11.70	3.84
SQU-US	2025-05-20 05:45:00	6.19	37.79	0.25	7.09	11.72	3.10
SQU-US	2025-05-20 06:00:00	6.18	37.56	0.26	7.10	11.72	3.88
SQU-US	2025-05-20 06:15:00	6.16	37.35	0.20	7.04	11.73	5.00
SQU-US	2025-05-20 06:30:00	6.14	37.18	0.20	7.07	11.74	5.64
SQU-US	2025-05-20 06:45:00	6.13	37.08	0.21	7.09	11.74	3.14
SQU-US	2025-05-20 07:00:00	6.12	36.68	0.20	7.13	11.77	3.25
SQU-US	2025-05-20 07:15:00	6.10	36.66	0.23	7.09	11.77	4.39
SQU-US	2025-05-20 07:30:00	6.08	36.46	0.25	7.09	11.80	4.22
SQU-US	2025-05-20 07:45:00	6.08	36.24	0.26	7.06	11.82	5.23
SQU-US	2025-05-20 08:00:00	6.07	36.32	0.26		11.84	5.56
SQU-US	2025-05-20 08:15:00	6.09	36.17	0.17	7.11	11.84	7.39
SQU-US	2025-05-20 08:30:00	6.10	36.18	0.19	7.15	11.87	4.48
SQU-US	2025-05-20 08:45:00	6.10	36.28	0.20	7.17	11.88	4.21
SQU-US	2025-05-20 09:00:00	6.13	36.02	0.19	7.13	11.90	3.81
SQU-US	2025-05-20 09:15:00	6.17	36.03	0.22	7.14	11.92	4.39
SQU-US	2025-05-20 09:30:00	6.18	36.09	0.25	7.10	11.93	2.83
SQU-US	2025-05-20 09:45:00	6.22	36.39	0.26	7.10	11.93	3.76
SQU-US	2025-05-20 10:00:00	6.27	36.51	0.27	7.12	11.93	9.56
SQU-US	2025-05-20 10:15:00	6.32	36.56	0.21	7.11	11.95	3.86
SQU-US	2025-05-20 10:30:00	6.36	36.48	0.20	7.12	11.96	2.59
SQU-US	2025-05-20 10:45:00	6.40	36.68	0.21	7.12	11.93	4.18
SQU-US	2025-05-20 11:00:00	6.47	36.54	0.21	7.18	11.95	1.78

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-20 11:15:00	6.55	36.56	0.23	7.12	11.95	4.94
SQU-US	2025-05-20 11:30:00	6.59	36.54	0.25	7.14	11.94	5.98
SQU-US	2025-05-20 11:45:00	6.65	35.90	0.26	7.16	11.96	2.52
SQU-US	2025-05-20 12:00:00	6.67	35.73	0.27		11.94	3.04
SQU-US	2025-05-20 12:15:00	6.73	35.55	0.20	7.18	11.96	3.80
SQU-US	2025-05-20 12:30:00	6.79	35.52	0.20	7.22	11.95	5.31
SQU-US	2025-05-20 12:45:00	6.86	35.68	0.21	7.19	11.95	1.98
SQU-US	2025-05-20 13:00:00	6.95	35.82	0.21	7.17	11.92	1.98
SQU-US	2025-05-20 13:15:00	7.04	35.71	0.23	7.16	11.92	2.35
SQU-US	2025-05-20 13:30:00	7.11	36.07	0.26	7.14	11.90	4.82
SQU-US	2025-05-20 13:45:00	7.17	36.01	0.27	7.14	11.88	2.02
SQU-US	2025-05-20 14:00:00	7.27	35.61	0.28	7.15	11.89	2.63
SQU-US	2025-05-20 14:15:00	7.30	36.01	0.22	7.22	11.88	3.00
SQU-US	2025-05-20 14:30:00	7.32	35.89	0.21	7.15	11.86	5.00
SQU-US	2025-05-20 14:45:00	7.32	36.13	0.21	7.21	11.85	3.98
SQU-US	2025-05-20 15:00:00	7.34	36.28	0.21	7.18	11.84	4.93
SQU-US	2025-05-20 15:15:00	7.36	36.31	0.23	7.17	11.86	3.29
SQU-US	2025-05-20 15:30:00	7.34	36.22	0.25	7.14	11.84	3.20
SQU-US	2025-05-20 15:45:00	7.37	36.12	0.27	7.16	11.84	2.77
SQU-US	2025-05-20 16:00:00	7.43	36.10	0.27	7.16	11.84	2.90
SQU-US	2025-05-20 16:15:00	7.38	35.95	0.23	7.14	11.82	3.82
SQU-US	2025-05-20 16:30:00	7.31	36.10	0.22	7.21	11.82	2.84
SQU-US	2025-05-20 16:45:00	7.31	36.40	0.23	7.17	11.81	3.87
SQU-US	2025-05-20 17:00:00	7.35	36.24	0.23	7.19	11.82	6.77
SQU-US	2025-05-20 17:15:00	7.39	36.31	0.24	7.16	11.80	3.97
SQU-US	2025-05-20 17:30:00	7.46	36.27	0.26	7.15	11.78	2.43
SQU-US	2025-05-20 17:45:00	7.52	36.23	0.27	7.17	11.77	4.20
SQU-US	2025-05-20 18:00:00	7.50	36.31	0.28	7.16	11.76	5.10
SQU-US	2025-05-20 18:15:00	7.48	36.51	0.21	7.20	11.75	2.49
SQU-US	2025-05-20 18:30:00	7.50	36.31	0.21	7.19	11.74	5.24
SQU-US	2025-05-20 18:45:00	7.46	36.57	0.21	7.18	11.71	20.41
SQU-US	2025-05-20 19:00:00	7.41	36.49	0.21	7.19	11.70	4.09
SQU-US	2025-05-20 19:15:00	7.39	36.54	0.23	7.15	11.70	4.01
SQU-US	2025-05-20 19:30:00	7.35	36.75	0.25	7.13	11.67	2.73
SQU-US	2025-05-20 19:45:00	7.33	36.63	0.26	7.14	11.67	3.60
SQU-US	2025-05-20 20:00:00	7.30	36.94	0.27	7.14	11.66	4.99
SQU-US	2025-05-20 20:15:00	7.27	36.95	0.20	7.19	11.64	5.43
SQU-US	2025-05-20 20:30:00	7.26	37.06	0.22	7.16	11.62	4.69
SQU-US	2025-05-20 20:45:00	7.25	36.97	0.24	7.17	11.60	7.36
SQU-US	2025-05-20 21:00:00	7.22	37.10	0.22	7.12	11.58	7.63
SQU-US	2025-05-20 21:15:00	7.21	37.08	0.23	7.11	11.56	4.72
SQU-US	2025-05-20 21:30:00	7.19	37.29	0.25	7.11	11.56	4.14
SQU-US	2025-05-20 21:45:00	7.15	37.22	0.26	7.09	11.56	4.20
SQU-US	2025-05-20 22:00:00	7.10	36.97	0.27	7.07	11.56	6.54
SQU-US	2025-05-20 22:15:00	7.10	37.11	0.21	7.09	11.54	7.27
SQU-US	2025-05-20 22:30:00	7.05	36.99	0.21	7.12	11.56	4.94
SQU-US	2025-05-20 22:45:00	7.00	36.66	0.21	7.13	11.57	5.57
SQU-US	2025-05-20 23:00:00	6.99	36.74	0.21	7.06	11.55	5.64
SQU-US	2025-05-20 23:15:00	6.92	36.49	0.23	7.09	11.58	6.64
SQU-US	2025-05-20 23:30:00	6.90	36.37	0.25	7.11	11.59	5.78
SQU-US	2025-05-20 23:45:00	6.84	36.00	0.26	7.05	11.62	5.77
SQU-US	2025-05-21 00:00:00	6.78	36.25	0.27	7.07	11.63	4.56
SQU-US	2025-05-21 00:15:00	6.75	35.92	0.18	7.19	11.64	5.82
SQU-US	2025-05-21 00:30:00	6.72	36.10	0.20	7.17	11.63	3.64
SQU-US	2025-05-21 00:45:00	6.67	35.99	0.20	7.17	11.67	9.39
SQU-US	2025-05-21 01:00:00	6.63	35.67	0.19	7.16	11.68	4.03
SQU-US	2025-05-21 01:15:00	6.60	35.83	0.22	7.12	11.70	4.36
SQU-US	2025-05-21 01:30:00	6.57	35.96	0.24	7.11	11.70	6.76

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-21 01:45:00	6.53	36.24	0.25	7.13	11.71	4.08
SQU-US	2025-05-21 02:00:00	6.50	36.65	0.26	7.13	11.71	6.23
SQU-US	2025-05-21 02:15:00	6.50	37.21	0.17	7.18	11.70	2.50
SQU-US	2025-05-21 02:30:00	6.48	37.55	0.19	7.14	11.70	2.52
SQU-US	2025-05-21 02:45:00	6.47	37.75	0.20	7.15	11.69	3.97
SQU-US	2025-05-21 03:00:00	6.45	38.08	0.20	7.14	11.67	4.89
SQU-US	2025-05-21 03:15:00	6.43	38.39	0.22	7.05	11.66	4.26
SQU-US	2025-05-21 03:30:00	6.41	38.53	0.25	7.02	11.65	5.50
SQU-US	2025-05-21 03:45:00	6.40	38.39	0.26	7.06	11.65	4.87
SQU-US	2025-05-21 04:00:00	6.35	37.73	0.26	7.07	11.69	4.89
SQU-US	2025-05-21 04:15:00	6.31	37.75	0.19	7.09	11.71	3.18
SQU-US	2025-05-21 04:30:00	6.30	37.06	0.20	7.09	11.71	3.74
SQU-US	2025-05-21 04:45:00	6.26	36.86	0.20	7.09	11.72	5.12
SQU-US	2025-05-21 05:00:00	6.26	36.38	0.19	7.10	11.73	4.60
SQU-US	2025-05-21 05:15:00	6.22	36.11	0.22	7.03	11.74	3.76
SQU-US	2025-05-21 05:30:00	6.21	36.07	0.24	7.07	11.74	3.99
SQU-US	2025-05-21 05:45:00	6.17	36.13	0.26	7.06	11.76	3.93
SQU-US	2025-05-21 06:00:00	6.16	36.24	0.26	7.06	11.77	2.27
SQU-US	2025-05-21 06:15:00	6.14	36.04	0.18	7.07	11.79	4.03
SQU-US	2025-05-21 06:30:00	6.13	36.01	0.19	7.09	11.81	2.60
SQU-US	2025-05-21 06:45:00	6.12	36.00	0.20	7.12	11.83	2.44
SQU-US	2025-05-21 07:00:00	6.12	35.84	0.19	7.11	11.83	3.02
SQU-US	2025-05-21 07:15:00	6.14	35.93	0.22	7.09	11.87	3.57
SQU-US	2025-05-21 07:30:00	6.17	35.73	0.25	7.08	11.90	3.87
SQU-US	2025-05-21 07:45:00	6.17	36.30	0.26	7.09	11.90	1.95
SQU-US	2025-05-21 08:00:00	6.20	36.35	0.27	7.06	11.92	3.56
SQU-US	2025-05-21 08:15:00	6.22	36.06	0.19	7.15	11.95	2.34
SQU-US	2025-05-21 08:30:00	6.25	36.23	0.19	7.13	11.97	3.71
SQU-US	2025-05-21 08:45:00	6.30	36.24	0.21	7.14	11.98	3.29
SQU-US	2025-05-21 09:00:00	6.40	36.27	0.21	7.16	11.96	3.87
SQU-US	2025-05-21 09:15:00	6.45	36.92	0.23	7.11	11.95	2.74
SQU-US	2025-05-21 09:30:00	6.45	36.55	0.25	7.12	11.98	2.44
SQU-US	2025-05-21 09:45:00	6.46	36.56	0.27	7.12	11.98	2.11
SQU-US	2025-05-21 10:00:00	6.53	36.82	0.27	7.12	11.96	2.38
SQU-US	2025-05-21 10:15:00	6.64	37.22	0.20	7.17	11.93	3.70
SQU-US	2025-05-21 10:30:00	6.73	37.45	0.20	7.14	11.93	1.99
SQU-US	2025-05-21 10:45:00	6.77	37.48	0.22	7.12	11.92	3.16
SQU-US	2025-05-21 11:00:00	6.85	37.62	0.24	7.13	11.90	9.31
SQU-US	2025-05-21 11:15:00	6.92	37.58	0.25	7.14	11.92	3.52
SQU-US	2025-05-21 11:30:00	6.94	37.43	0.26	7.12	11.91	2.94
SQU-US	2025-05-21 11:45:00	6.97	37.04	0.19	7.20	11.92	1.93
SQU-US	2025-05-21 12:00:00	7.08	37.25	0.21	7.19	11.90	4.63
SQU-US	2025-05-21 12:15:00	7.10	37.56	0.21	7.21	11.89	4.66
SQU-US	2025-05-21 12:30:00	7.12	37.41	0.21	7.22	11.89	6.98
SQU-US	2025-05-21 12:45:00	7.19	37.35	0.21	7.15	11.88	4.60
SQU-US	2025-05-21 13:00:00	7.31	37.41	0.24	7.16	11.86	2.78
SQU-US	2025-05-21 13:15:00	7.36	37.68	0.25	7.16	11.84	3.31
SQU-US	2025-05-21 13:30:00	7.37	37.36	0.25	7.15	11.84	3.90
SQU-US	2025-05-21 13:45:00	7.43	37.56	0.18	7.21	11.83	4.56
SQU-US	2025-05-21 14:00:00	7.57	37.88	0.21	7.21	11.80	3.51
SQU-US	2025-05-21 14:15:00	7.77	37.82	0.20	7.22	11.77	4.20
SQU-US	2025-05-21 14:30:00	7.95	37.91	0.22	7.21	11.76	3.87
SQU-US	2025-05-21 14:45:00	8.00	37.92	0.21	7.15	11.74	6.49
SQU-US	2025-05-21 15:00:00	8.13	37.94	0.24	7.15	11.73	4.50
SQU-US	2025-05-21 15:15:00	8.14	37.85	0.25	7.15	11.70	2.06
SQU-US	2025-05-21 15:30:00	8.20	38.10	0.25	7.15	11.70	2.38
SQU-US	2025-05-21 15:45:00	8.12	37.86	0.18	7.21	11.68	3.43
SQU-US	2025-05-21 16:00:00	8.10	37.92	0.21	7.21	11.68	5.68

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-21 16:15:00	8.25	38.13	0.22	7.22	11.67	5.09
SQU-US	2025-05-21 16:30:00	8.38	38.32	0.22	7.22	11.66	4.46
SQU-US	2025-05-21 16:45:00	8.49	38.22	0.19	7.18	11.65	4.78
SQU-US	2025-05-21 17:00:00	8.59	38.17	0.23	7.16	11.64	5.57
SQU-US	2025-05-21 17:15:00	8.67	38.14	0.24	7.16	11.61	6.70
SQU-US	2025-05-21 17:30:00	8.69	38.35	0.24	7.17	11.59	3.33
SQU-US	2025-05-21 17:45:00	8.74	38.12	0.18	7.22	11.56	5.79
SQU-US	2025-05-21 18:00:00	8.75	38.57	0.20	7.22	11.50	2.76
SQU-US	2025-05-21 18:15:00	8.71	38.56	0.21	7.22	11.50	2.81
SQU-US	2025-05-21 18:30:00	8.65	38.68	0.22	7.22	11.47	3.21
SQU-US	2025-05-21 18:45:00	8.62	38.62	0.20	7.14	11.48	3.06
SQU-US	2025-05-21 19:00:00	8.56	38.66	0.23	7.16	11.45	3.51
SQU-US	2025-05-21 19:15:00	8.53	38.87	0.24	7.13	11.44	3.99
SQU-US	2025-05-21 19:30:00	8.49	39.00	0.24	7.15	11.42	3.19
SQU-US	2025-05-21 19:45:00	8.45	39.15	0.18	7.20	11.40	6.44
SQU-US	2025-05-21 20:00:00	8.41	39.41	0.21	7.20	11.36	3.28
SQU-US	2025-05-21 20:15:00	8.39	39.35	0.22	7.20	11.34	3.89
SQU-US	2025-05-21 20:30:00	8.40	39.70	0.22	7.18	11.31	6.10
SQU-US	2025-05-21 20:45:00	8.39	39.45	0.18	7.15	11.28	3.74
SQU-US	2025-05-21 21:00:00	8.37	39.41	0.22	7.13	11.26	3.33
SQU-US	2025-05-21 21:15:00	8.36	39.57	0.23	7.11	11.23	7.09
SQU-US	2025-05-21 21:30:00	8.35	39.66	0.23	7.11	11.20	4.71
SQU-US	2025-05-21 21:45:00	8.34	39.64	0.18	7.18	11.18	3.64
SQU-US	2025-05-21 22:00:00	8.31	39.55	0.21	7.16	11.19	4.09
SQU-US	2025-05-21 22:15:00	8.30	39.67	0.22	7.16	11.15	2.29
SQU-US	2025-05-21 22:30:00	8.28	39.44	0.21	7.15	11.16	5.74
SQU-US	2025-05-21 22:45:00	8.26	39.74	0.20	7.10	11.15	3.93
SQU-US	2025-05-21 23:00:00	8.21	39.82	0.23	7.09	11.16	3.48
SQU-US	2025-05-21 23:15:00	8.14	39.67	0.23	7.10	11.17	3.34
SQU-US	2025-05-21 23:30:00	8.09	39.27	0.23	7.09	11.18	3.83
SQU-US	2025-05-21 23:45:00	8.02	38.98	0.19	7.17	11.20	4.50
SQU-US	2025-05-22 00:00:00	7.93	38.95	0.20	7.18	11.23	4.24
SQU-US	2025-05-22 00:15:00	7.88	38.74	0.21	7.17	11.26	5.34
SQU-US	2025-05-22 00:30:00	7.80	38.51	0.20	7.18	11.26	4.04
SQU-US	2025-05-22 00:45:00	7.71	38.22	0.18	7.12	11.30	5.80
SQU-US	2025-05-22 01:00:00	7.65	38.21	0.22	7.10	11.32	2.51
SQU-US	2025-05-22 01:15:00	7.56	38.09	0.23	7.13	11.34	3.79
SQU-US	2025-05-22 01:30:00	7.48	37.99	0.24	7.12	11.36	4.29
SQU-US	2025-05-22 01:45:00	7.40	37.88	0.19	7.19	11.37	5.76
SQU-US	2025-05-22 02:00:00	7.31	37.85	0.21	7.20	11.41	8.32
SQU-US	2025-05-22 02:15:00	7.23	37.74	0.21	7.18	11.41	4.41
SQU-US	2025-05-22 02:30:00	7.14	38.46	0.22	7.12	11.44	4.76
SQU-US	2025-05-22 02:45:00	7.10	39.25	0.21	7.11	11.42	2.64
SQU-US	2025-05-22 03:00:00	7.02	39.55	0.23	7.10	11.44	4.64
SQU-US	2025-05-22 03:15:00	6.99	40.65	0.24	7.08	11.41	2.54
SQU-US	2025-05-22 03:30:00	6.97	40.95	0.25	7.08	11.41	3.52
SQU-US	2025-05-22 03:45:00	6.90	41.03	0.19	7.14	11.41	3.02
SQU-US	2025-05-22 04:00:00	6.85	41.10	0.20	7.14	11.43	4.47
SQU-US	2025-05-22 04:15:00	6.81	41.34	0.20	7.15	11.43	3.77
SQU-US	2025-05-22 04:30:00	6.75	40.53	0.20	7.15	11.47	3.21
SQU-US	2025-05-22 04:45:00	6.73	40.45	0.20	7.06	11.47	3.13
SQU-US	2025-05-22 05:00:00	6.66	40.32	0.23	7.07	11.49	2.50
SQU-US	2025-05-22 05:15:00	6.61	39.94	0.24	7.08	11.51	5.50
SQU-US	2025-05-22 05:30:00	6.57	39.54	0.24	7.06	11.51	4.16
SQU-US	2025-05-22 05:45:00	6.52	39.16	0.16	7.14	11.54	3.93
SQU-US	2025-05-22 06:00:00	6.48	38.93	0.20	7.14	11.58	5.57
SQU-US	2025-05-22 06:15:00	6.45	38.73	0.19	7.14	11.61	3.10
SQU-US	2025-05-22 06:30:00	6.40	38.38	0.20	7.15	11.65	2.99

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-22 06:45:00	6.39	38.51	0.21	7.09	11.67	3.58
SQU-US	2025-05-22 07:00:00	6.36	38.56	0.23	7.10	11.71	3.78
SQU-US	2025-05-22 07:15:00	6.37	38.32	0.24	7.10	11.73	3.02
SQU-US	2025-05-22 07:30:00	6.36	38.27	0.25	7.09	11.76	2.55
SQU-US	2025-05-22 07:45:00	6.36	38.34	0.18	7.16	11.77	2.44
SQU-US	2025-05-22 08:00:00	6.36	38.29	0.20	7.18	11.80	3.07
SQU-US	2025-05-22 08:15:00	6.37	38.07	0.20	7.17	11.83	3.18
SQU-US	2025-05-22 08:30:00	6.38	38.34	0.21	7.18	11.83	2.51
SQU-US	2025-05-22 08:45:00	6.39	38.34	0.21	7.13	11.85	4.59
SQU-US	2025-05-22 09:00:00	6.46	38.50	0.23	7.12	11.84	3.53
SQU-US	2025-05-22 09:15:00	6.45	38.51	0.24	7.14	11.85	5.53
SQU-US	2025-05-22 09:30:00	6.46	38.62	0.25	7.13	11.84	3.26
SQU-US	2025-05-22 09:45:00	6.56	38.87	0.18	7.19	11.85	2.96
SQU-US	2025-05-22 10:00:00	6.72	39.27	0.21	7.18	11.85	4.76
SQU-US	2025-05-22 10:15:00	6.84	39.54	0.22	7.19	11.84	3.35
SQU-US	2025-05-22 10:30:00	6.95	39.47	0.23	7.19	11.84	2.71
SQU-US	2025-05-22 10:45:00	7.07	39.66	0.23	7.12	11.81	3.09
SQU-US	2025-05-22 11:00:00	7.15	39.68	0.24	7.14	11.80	3.87
SQU-US	2025-05-22 11:15:00	7.24	39.37	0.25	7.13	11.81	11.44
SQU-US	2025-05-22 11:30:00	7.33	38.68	0.26	7.16	11.82	4.34
SQU-US	2025-05-22 11:45:00	7.44	38.93	0.22	7.19	11.80	5.42
SQU-US	2025-05-22 12:00:00	7.56	39.00	0.22	7.20	11.81	2.20
SQU-US	2025-05-22 12:15:00	7.67	38.90	0.22	7.22	11.79	3.14
SQU-US	2025-05-22 12:30:00	7.80	38.90	0.22	7.23	11.77	4.87
SQU-US	2025-05-22 12:45:00	7.94	38.93	0.22	7.16	11.73	2.95
SQU-US	2025-05-22 13:00:00	8.04	39.03	0.24	7.18	11.73	3.60
SQU-US	2025-05-22 13:15:00	8.15	38.94	0.25	7.17	11.72	3.07
SQU-US	2025-05-22 13:30:00	8.26	38.71	0.25	7.17	11.69	3.67
SQU-US	2025-05-22 13:45:00	8.37	38.75	0.20	7.23	11.67	3.37
SQU-US	2025-05-22 14:00:00	8.48	39.39	0.22	7.22	11.64	3.94
SQU-US	2025-05-22 14:15:00	8.58	39.00	0.23	7.25	11.64	2.99
SQU-US	2025-05-22 14:30:00	8.66	38.77	0.23	7.24	11.63	3.82
SQU-US	2025-05-22 14:45:00	8.74	39.01	0.24	7.20	11.61	2.98
SQU-US	2025-05-22 15:00:00	8.79	39.01	0.25	7.19	11.59	4.19
SQU-US	2025-05-22 15:15:00	8.83	38.85	0.25	7.20	11.60	4.20
SQU-US	2025-05-22 15:30:00	8.86	39.08	0.26	7.19	11.58	2.63
SQU-US	2025-05-22 15:45:00	8.88	39.15	0.18	7.25	11.53	3.06
SQU-US	2025-05-22 16:00:00	8.93	39.37	0.22	7.25	11.53	3.70
SQU-US	2025-05-22 16:15:00	8.97	39.44	0.22	7.25	11.50	4.09
SQU-US	2025-05-22 16:30:00	8.96	39.54	0.23	7.24	11.50	4.28
SQU-US	2025-05-22 16:45:00	8.99	39.53	0.23	7.18	11.47	5.72
SQU-US	2025-05-22 17:00:00	9.05	39.46	0.24	7.18	11.46	4.62
SQU-US	2025-05-22 17:15:00	9.10	39.74	0.25	7.18	11.43	5.48
SQU-US	2025-05-22 17:30:00	9.13	39.96	0.26	7.18	11.42	3.71
SQU-US	2025-05-22 17:45:00	9.13	39.82	0.20	7.23	11.40	2.91
SQU-US	2025-05-22 18:00:00	9.12	39.82	0.22	7.23	11.39	4.05
SQU-US	2025-05-22 18:15:00	9.13	39.94	0.23	7.23	11.37	5.08
SQU-US	2025-05-22 18:30:00	9.11	40.23	0.23	7.23	11.36	4.86
SQU-US	2025-05-22 18:45:00	9.08	40.15	0.23	7.17	11.33	3.95
SQU-US	2025-05-22 19:00:00	9.02	40.11	0.24	7.16	11.33	6.54
SQU-US	2025-05-22 19:15:00	8.96	40.22	0.25	7.17	11.33	5.76
SQU-US	2025-05-22 19:30:00	8.93	40.48	0.25	7.15	11.28	5.46
SQU-US	2025-05-22 19:45:00	8.88	40.31	0.19	7.21	11.28	4.34
SQU-US	2025-05-22 20:00:00	8.86	40.70	0.21	7.21	11.25	4.45
SQU-US	2025-05-22 20:15:00	8.83	40.74	0.22	7.21	11.24	4.51
SQU-US	2025-05-22 20:30:00	8.80	40.49	0.22	7.21	11.21	6.01
SQU-US	2025-05-22 20:45:00	8.78	40.94	0.23	7.15	11.18	5.35
SQU-US	2025-05-22 21:00:00	8.75	41.05	0.24	7.11	11.14	5.46

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-22 21:15:00	8.71	40.80	0.25	7.13	11.13	4.50
SQU-US	2025-05-22 21:30:00	8.67	41.22	0.25	7.11	11.11	5.50
SQU-US	2025-05-22 21:45:00	8.65	41.21	0.17	7.18	11.08	5.04
SQU-US	2025-05-22 22:00:00	8.62	41.30	0.19	7.18	11.08	4.76
SQU-US	2025-05-22 22:15:00	8.58	41.44	0.21	7.17	11.08	5.90
SQU-US	2025-05-22 22:30:00	8.56	41.50	0.21	7.16	11.06	6.45
SQU-US	2025-05-22 22:45:00	8.51	41.35	0.22	7.10	11.07	5.61
SQU-US	2025-05-22 23:00:00	8.48	41.41	0.23	7.10	11.06	6.94
SQU-US	2025-05-22 23:15:00	8.43	41.21	0.24	7.10	11.08	4.94
SQU-US	2025-05-22 23:30:00	8.40	41.25	0.24	7.09	11.07	6.28
SQU-US	2025-05-22 23:45:00	8.34	40.59	0.18	7.17	11.12	5.69
SQU-US	2025-05-23 00:00:00	8.29	40.50	0.19	7.19	11.12	6.80
SQU-US	2025-05-23 00:15:00	8.22	40.24	0.21	7.18	11.15	9.66
SQU-US	2025-05-23 00:30:00	8.16	40.05	0.21	7.19	11.17	7.16
SQU-US	2025-05-23 00:45:00	8.10	39.93	0.21	7.12	11.19	9.62
SQU-US	2025-05-23 01:00:00	8.04	39.76	0.23	7.12	11.21	5.38
SQU-US	2025-05-23 01:15:00	7.97	39.50	0.24	7.13	11.24	8.47
SQU-US	2025-05-23 01:30:00	7.90	39.18	0.24	7.11	11.25	7.48
SQU-US	2025-05-23 01:45:00	7.81	38.96	0.18	7.19	11.28	6.63
SQU-US	2025-05-23 02:00:00	7.74	38.60	0.21	7.20	11.31	8.65
SQU-US	2025-05-23 02:15:00	7.65	38.65	0.20	7.18	11.33	6.09
SQU-US	2025-05-23 02:30:00	7.59	38.84	0.20	7.19	11.35	7.35
SQU-US	2025-05-23 02:45:00	7.50	38.92	0.21	7.14	11.38	6.81
SQU-US	2025-05-23 03:00:00	7.41	39.30	0.23	7.13	11.40	6.08
SQU-US	2025-05-23 03:15:00	7.36	40.06	0.23	7.13	11.40	7.62
SQU-US	2025-05-23 03:30:00	7.31	40.50	0.24	7.11	11.40	6.44
SQU-US	2025-05-23 03:45:00	7.25	40.53	0.17	7.17	11.41	6.56
SQU-US	2025-05-23 04:00:00	7.22	42.24	0.20	7.15	11.39	5.47
SQU-US	2025-05-23 04:15:00	7.21	42.51	0.21	7.11	11.36	6.46
SQU-US	2025-05-23 04:30:00	7.16	43.22	0.20	7.12	11.37	6.57
SQU-US	2025-05-23 04:45:00	7.12	42.47	0.20	7.08	11.39	5.02
SQU-US	2025-05-23 05:00:00	7.05	41.78	0.22	7.07	11.41	6.22
SQU-US	2025-05-23 05:15:00	7.03	41.23	0.23	7.07	11.44	5.50
SQU-US	2025-05-23 05:30:00	7.00	40.96	0.24	7.08	11.41	5.56
SQU-US	2025-05-23 05:45:00	6.95	40.45	0.18	7.13	11.44	5.74
SQU-US	2025-05-23 06:00:00	6.92	40.11	0.19	7.16	11.47	6.78
SQU-US	2025-05-23 06:15:00	6.89	39.56	0.20	7.15	11.48	5.92
SQU-US	2025-05-23 06:30:00	6.86	39.21	0.21	7.13	11.51	5.44
SQU-US	2025-05-23 06:45:00	6.84	39.21	0.21	7.09	11.54	5.26
SQU-US	2025-05-23 07:00:00	6.83	39.27	0.23	7.08	11.55	4.86
SQU-US	2025-05-23 07:15:00	6.80	38.86	0.24	7.09	11.61	6.50
SQU-US	2025-05-23 07:30:00	6.80	38.74	0.24	7.08	11.63	6.52
SQU-US	2025-05-23 07:45:00	6.79	38.71	0.18	7.17	11.65	5.20
SQU-US	2025-05-23 08:00:00	6.81	38.60	0.21	7.18	11.68	5.37
SQU-US	2025-05-23 08:15:00	6.83	38.50	0.22	7.16	11.69	5.60
SQU-US	2025-05-23 08:30:00	6.87	38.88	0.21	7.18	11.70	4.77
SQU-US	2025-05-23 08:45:00	6.93	38.63	0.22	7.14	11.71	6.64
SQU-US	2025-05-23 09:00:00	6.99	38.70	0.24	7.11	11.73	4.22
SQU-US	2025-05-23 09:15:00	7.03	38.89	0.24	7.13	11.72	4.31
SQU-US	2025-05-23 09:30:00	7.08	39.18	0.24	7.13	11.71	9.54
SQU-US	2025-05-23 09:45:00	7.11	39.30	0.17	7.19	11.72	4.02
SQU-US	2025-05-23 10:00:00	7.18	39.66	0.20	7.19	11.73	3.89
SQU-US	2025-05-23 10:15:00	7.28	39.85	0.21	7.17	11.71	3.99
SQU-US	2025-05-23 10:30:00	7.39	39.93	0.22	7.19	11.71	4.07
SQU-US	2025-05-23 10:45:00	7.44	39.54	0.22	7.15	11.73	4.33
SQU-US	2025-05-23 11:00:00	7.52	39.57	0.23	7.14	11.72	4.16
SQU-US	2025-05-23 11:15:00	7.62	39.45	0.24	7.16	11.73	5.54
SQU-US	2025-05-23 11:30:00	7.70	39.20	0.24	7.14	11.73	5.00

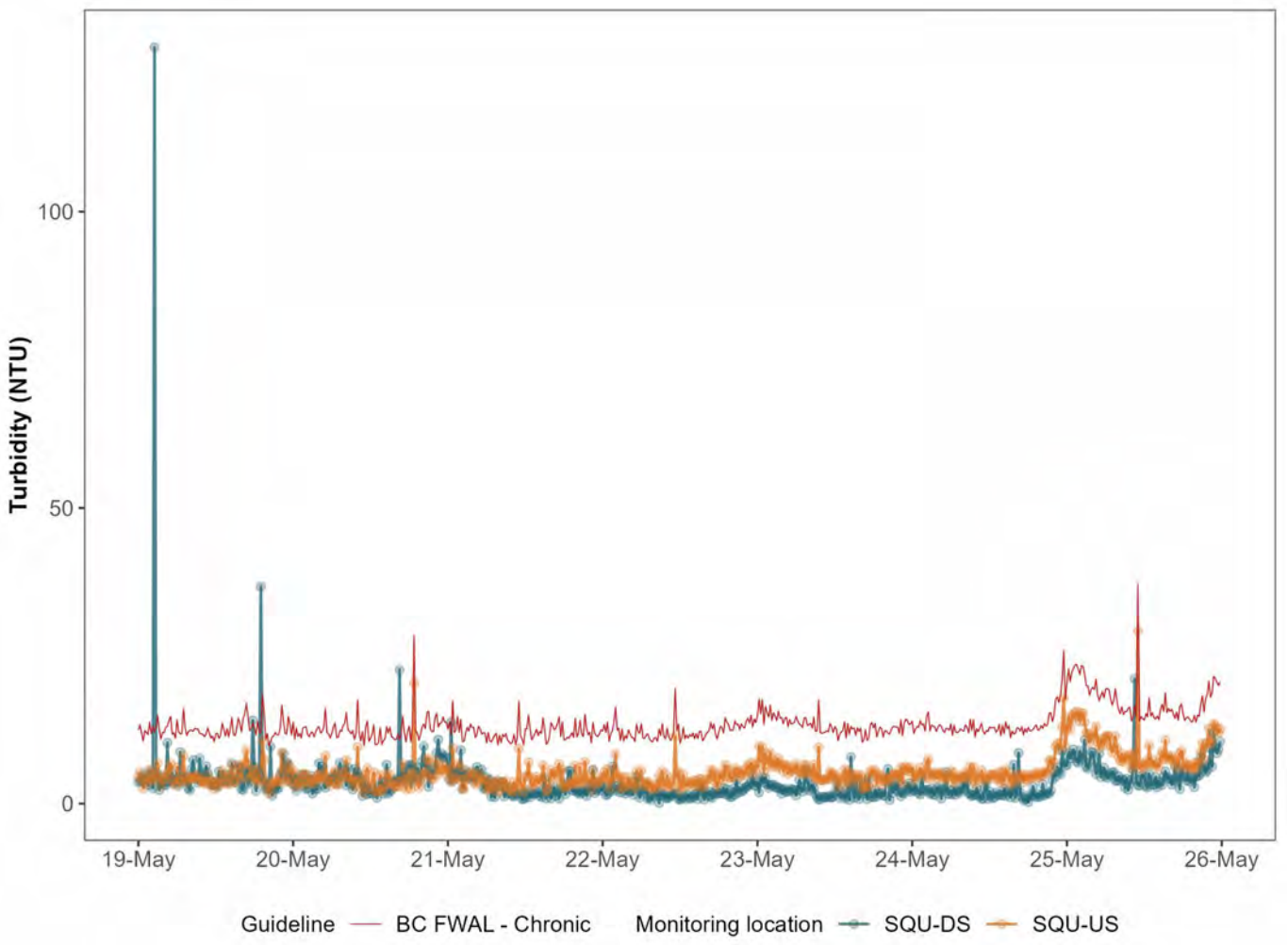
Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-23 11:45:00	7.79	39.37	0.18	7.22	11.72	4.01
SQU-US	2025-05-23 12:00:00	7.86	39.16	0.21		11.71	5.02
SQU-US	2025-05-23 12:15:00	7.94	39.13	0.22	7.23	11.70	4.62
SQU-US	2025-05-23 12:30:00	8.00	38.99	0.22	7.23	11.70	2.65
SQU-US	2025-05-23 12:45:00	8.10	39.12	0.23	7.17	11.68	3.70
SQU-US	2025-05-23 13:00:00	8.22	39.28	0.24	7.16	11.68	4.14
SQU-US	2025-05-23 13:15:00	8.36	39.46	0.24	7.19	11.66	4.37
SQU-US	2025-05-23 13:30:00	8.51	39.53	0.24	7.17	11.64	5.82
SQU-US	2025-05-23 13:45:00	8.63	39.20	0.20	7.24	11.62	3.08
SQU-US	2025-05-23 14:00:00	8.68	39.34	0.21	7.26	11.61	5.53
SQU-US	2025-05-23 14:15:00	8.71	39.02	0.22	7.25	11.61	3.74
SQU-US	2025-05-23 14:30:00	8.74	39.22	0.23	7.26	11.59	5.08
SQU-US	2025-05-23 14:45:00	8.77	39.63	0.22	7.21	11.56	4.61
SQU-US	2025-05-23 15:00:00	8.79	39.84	0.24	7.21	11.56	4.81
SQU-US	2025-05-23 15:15:00	8.85	39.53	0.25	7.18	11.56	3.58
SQU-US	2025-05-23 15:30:00	8.88	39.53	0.25	7.22	11.55	4.82
SQU-US	2025-05-23 15:45:00	8.88	39.65	0.20	7.27	11.52	4.17
SQU-US	2025-05-23 16:00:00	8.86	39.78	0.22	7.26	11.52	4.81
SQU-US	2025-05-23 16:15:00	8.90	39.87	0.22	7.27	11.51	2.40
SQU-US	2025-05-23 16:30:00	8.93	40.05	0.23	7.27	11.49	2.74
SQU-US	2025-05-23 16:45:00	8.94	40.11	0.23	7.23	11.48	4.47
SQU-US	2025-05-23 17:00:00	8.96	40.35	0.24	7.21	11.46	2.70
SQU-US	2025-05-23 17:15:00	8.97	40.68	0.24	7.21	11.45	3.02
SQU-US	2025-05-23 17:30:00	8.96	40.81	0.24	7.21	11.42	5.31
SQU-US	2025-05-23 17:45:00	8.94	40.45	0.18	7.23	11.42	5.69
SQU-US	2025-05-23 18:00:00	8.93	40.63	0.21	7.23	11.40	4.80
SQU-US	2025-05-23 18:15:00	8.92	40.62	0.22	7.26	11.39	5.57
SQU-US	2025-05-23 18:30:00	8.93	40.83	0.22	7.24	11.37	3.30
SQU-US	2025-05-23 18:45:00	8.93	40.83	0.22	7.19	11.37	4.19
SQU-US	2025-05-23 19:00:00	8.90	40.85	0.23	7.18	11.35	4.94
SQU-US	2025-05-23 19:15:00	8.87	40.94	0.24	7.18	11.34	4.68
SQU-US	2025-05-23 19:30:00	8.86	41.01	0.24	7.18	11.32	3.25
SQU-US	2025-05-23 19:45:00	8.85	40.95	0.19	7.22	11.30	4.31
SQU-US	2025-05-23 20:00:00	8.84	41.10	0.21	7.23	11.29	4.28
SQU-US	2025-05-23 20:15:00	8.83	41.36	0.21	7.23	11.26	3.93
SQU-US	2025-05-23 20:30:00	8.83	41.05	0.22	7.24	11.23	3.75
SQU-US	2025-05-23 20:45:00	8.81	41.00	0.22	7.16	11.21	4.53
SQU-US	2025-05-23 21:00:00	8.78	41.32	0.23	7.17	11.19	5.00
SQU-US	2025-05-23 21:15:00	8.74	41.23	0.24	7.14	11.17	5.03
SQU-US	2025-05-23 21:30:00	8.71	41.02	0.24	7.13	11.15	4.93
SQU-US	2025-05-23 21:45:00	8.67	41.00	0.18	7.18	11.14	4.95
SQU-US	2025-05-23 22:00:00	8.63	41.02	0.21	7.18	11.12	3.89
SQU-US	2025-05-23 22:15:00	8.59	41.13	0.22	7.16	11.12	6.18
SQU-US	2025-05-23 22:30:00	8.56	41.14	0.22	7.17	11.11	3.48
SQU-US	2025-05-23 22:45:00	8.52	40.99	0.22	7.12	11.10	5.56
SQU-US	2025-05-23 23:00:00	8.48	41.11	0.24	7.11	11.11	6.28
SQU-US	2025-05-23 23:15:00	8.42	40.78	0.24	7.12	11.11	6.07
SQU-US	2025-05-23 23:30:00	8.38	40.79	0.24	7.11	11.11	5.36
SQU-US	2025-05-23 23:45:00	8.33	40.83	0.17	7.16	11.13	5.50
SQU-US	2025-05-24 00:00:00	8.29	40.44	0.21	7.16	11.14	5.96
SQU-US	2025-05-24 00:15:00	8.23	40.39	0.20	7.17	11.16	3.86
SQU-US	2025-05-24 00:30:00	8.18	40.14	0.20	7.18	11.18	4.60
SQU-US	2025-05-24 00:45:00	8.11	39.95	0.20	7.14	11.20	5.03
SQU-US	2025-05-24 01:00:00	8.06	39.79	0.23	7.12	11.22	4.92
SQU-US	2025-05-24 01:15:00	7.99	39.86	0.24	7.15	11.24	6.07
SQU-US	2025-05-24 01:30:00	7.93	39.34	0.24	7.13	11.25	5.31
SQU-US	2025-05-24 01:45:00	7.86	39.11	0.17	7.18	11.27	5.46
SQU-US	2025-05-24 02:00:00	7.81	38.73	0.20	7.18	11.28	4.27

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-24 02:15:00	7.70	38.70	0.21	7.17	11.31	6.85
SQU-US	2025-05-24 02:30:00	7.64	38.78	0.20	7.18	11.34	7.48
SQU-US	2025-05-24 02:45:00	7.56	38.70	0.19	7.14	11.36	4.25
SQU-US	2025-05-24 03:00:00	7.51	38.56	0.22	7.13	11.39	5.28
SQU-US	2025-05-24 03:15:00	7.42	38.81	0.23	7.14	11.40	5.09
SQU-US	2025-05-24 03:30:00	7.38	39.29	0.23	7.13	11.40	4.96
SQU-US	2025-05-24 03:45:00	7.33	39.73	0.15	7.18	11.41	4.17
SQU-US	2025-05-24 04:00:00	7.28	40.58	0.19	7.17	11.40	4.94
SQU-US	2025-05-24 04:15:00	7.26	40.88	0.21	7.18	11.40	5.33
SQU-US	2025-05-24 04:30:00	7.24	42.40	0.21	7.14	11.36	5.09
SQU-US	2025-05-24 04:45:00	7.24	43.17	0.22	7.07	11.35	4.43
SQU-US	2025-05-24 05:00:00	7.21	42.73	0.23	7.07	11.35	4.04
SQU-US	2025-05-24 05:15:00	7.18	42.47	0.24	7.08	11.37	4.70
SQU-US	2025-05-24 05:30:00	7.13	42.01	0.24	7.08	11.38	4.69
SQU-US	2025-05-24 05:45:00	7.11	41.42	0.18	7.14	11.42	4.40
SQU-US	2025-05-24 06:00:00	7.09	40.87	0.20	7.14	11.43	5.51
SQU-US	2025-05-24 06:15:00	7.06	40.48	0.21	7.15	11.46	3.55
SQU-US	2025-05-24 06:30:00	7.01	39.78	0.22	7.16	11.50	5.25
SQU-US	2025-05-24 06:45:00	6.99	39.77	0.22	7.09	11.51	4.09
SQU-US	2025-05-24 07:00:00	6.99	39.76	0.23	7.08	11.52	3.99
SQU-US	2025-05-24 07:15:00	6.98	39.36	0.24	7.08	11.57	4.22
SQU-US	2025-05-24 07:30:00	6.97	39.35	0.24	7.09	11.59	4.65
SQU-US	2025-05-24 07:45:00	6.97	39.33	0.19	7.16	11.62	4.39
SQU-US	2025-05-24 08:00:00	6.97	39.23	0.22	7.17	11.63	4.25
SQU-US	2025-05-24 08:15:00	6.98	39.37	0.22	7.17	11.64	5.34
SQU-US	2025-05-24 08:30:00	6.97	39.14	0.23	7.18	11.66	4.94
SQU-US	2025-05-24 08:45:00	7.00	39.32	0.21	7.11	11.69	3.95
SQU-US	2025-05-24 09:00:00	7.02	39.48	0.23	7.11	11.70	6.28
SQU-US	2025-05-24 09:15:00	7.05	39.56	0.24	7.14	11.71	4.40
SQU-US	2025-05-24 09:30:00	7.07	39.30	0.24	7.14	11.73	6.16
SQU-US	2025-05-24 09:45:00	7.14	39.32	0.18	7.20	11.71	3.30
SQU-US	2025-05-24 10:00:00	7.22	39.29	0.20	7.19	11.73	4.69
SQU-US	2025-05-24 10:15:00	7.33	39.56	0.21	7.20	11.73	4.19
SQU-US	2025-05-24 10:30:00	7.43	39.46	0.22	7.21	11.73	4.84
SQU-US	2025-05-24 10:45:00	7.56	39.76	0.22	7.14	11.71	5.61
SQU-US	2025-05-24 11:00:00	7.68	39.90	0.23	7.14	11.72	4.22
SQU-US	2025-05-24 11:15:00	7.81	40.23	0.24	7.13	11.68	3.76
SQU-US	2025-05-24 11:30:00	7.92	40.08	0.24	7.15	11.68	4.35
SQU-US	2025-05-24 11:45:00	8.04	40.24	0.19	7.21	11.66	4.21
SQU-US	2025-05-24 12:00:00	8.16	40.48	0.21	7.20	11.64	4.95
SQU-US	2025-05-24 12:15:00	8.26	40.41	0.21	7.21	11.62	4.78
SQU-US	2025-05-24 12:30:00	8.36	40.27	0.21	7.20	11.60	4.86
SQU-US	2025-05-24 12:45:00	8.46	40.19	0.22	7.15	11.59	4.87
SQU-US	2025-05-24 13:00:00	8.56	40.40	0.24	7.16	11.58	4.07
SQU-US	2025-05-24 13:15:00	8.69	40.56	0.24	7.16	11.56	4.44
SQU-US	2025-05-24 13:30:00	8.80	40.69	0.25	7.17	11.52	5.40
SQU-US	2025-05-24 13:45:00	8.92	40.71	0.20	7.22	11.51	3.47
SQU-US	2025-05-24 14:00:00	9.01	40.15	0.20	7.22	11.51	5.23
SQU-US	2025-05-24 14:15:00	9.09	40.88	0.21	7.23	11.48	3.81
SQU-US	2025-05-24 14:30:00	9.19	40.07	0.22	7.23	11.47	5.81
SQU-US	2025-05-24 14:45:00	9.30	40.08	0.22	7.20	11.46	4.66
SQU-US	2025-05-24 15:00:00	9.35	39.65	0.24	7.20	11.44	5.20
SQU-US	2025-05-24 15:15:00	9.37	39.83	0.24	7.21	11.43	3.14
SQU-US	2025-05-24 15:30:00	9.40	39.42	0.25	7.20	11.42	4.28
SQU-US	2025-05-24 15:45:00	9.44	39.27	0.18	7.28	11.41	3.78
SQU-US	2025-05-24 16:00:00	9.50	39.24	0.20	7.30	11.38	3.89
SQU-US	2025-05-24 16:15:00	9.57	39.18	0.21	7.31	11.38	4.82
SQU-US	2025-05-24 16:30:00	9.66	39.33	0.21	7.30	11.35	4.77

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-24 16:45:00	9.75	39.36	0.22	7.26	11.33	4.26
SQU-US	2025-05-24 17:00:00	9.81	39.41	0.24	7.25	11.32	4.99
SQU-US	2025-05-24 17:15:00	9.84	39.48	0.25	7.26	11.31	3.59
SQU-US	2025-05-24 17:30:00	9.87	39.71	0.25	7.24	11.29	4.69
SQU-US	2025-05-24 17:45:00	9.92	40.42	0.20	7.30	11.26	4.08
SQU-US	2025-05-24 18:00:00	9.94	41.37	0.21	7.31	11.21	4.88
SQU-US	2025-05-24 18:15:00	9.94	41.67	0.21	7.29	11.18	4.28
SQU-US	2025-05-24 18:30:00	9.93	41.76	0.21	7.27	11.14	4.37
SQU-US	2025-05-24 18:45:00	9.90	42.15	0.21	7.20	11.11	4.57
SQU-US	2025-05-24 19:00:00	9.88	42.24	0.23	7.20	11.09	4.99
SQU-US	2025-05-24 19:15:00	9.85	42.40	0.24	7.20	11.07	5.28
SQU-US	2025-05-24 19:30:00	9.80	42.28	0.24	7.19	11.04	4.41
SQU-US	2025-05-24 19:45:00	9.74	42.20	0.20	7.24	11.00	4.57
SQU-US	2025-05-24 20:00:00	9.72	42.22	0.22	7.21	10.97	5.19
SQU-US	2025-05-24 20:15:00	9.70	42.16	0.22	7.22	10.96	4.74
SQU-US	2025-05-24 20:30:00	9.68	41.94	0.23	7.20	10.94	5.55
SQU-US	2025-05-24 20:45:00	9.66	41.97	0.24	7.16	10.90	5.12
SQU-US	2025-05-24 21:00:00	9.64	42.04	0.24	7.15	10.88	5.44
SQU-US	2025-05-24 21:15:00	9.60	41.86	0.24	7.14	10.85	7.23
SQU-US	2025-05-24 21:30:00	9.57	41.84	0.24	7.13	10.82	7.38
SQU-US	2025-05-24 21:45:00	9.53	41.41	0.18	7.18	10.81	5.87
SQU-US	2025-05-24 22:00:00	9.48	41.28	0.21		10.81	7.01
SQU-US	2025-05-24 22:15:00	9.44	41.11	0.21	7.17	10.81	9.68
SQU-US	2025-05-24 22:30:00	9.37	40.87	0.20	7.14	10.83	10.07
SQU-US	2025-05-24 22:45:00	9.29	40.45	0.20	7.12	10.85	9.09
SQU-US	2025-05-24 23:00:00	9.21	40.55	0.23	7.11	10.85	10.33
SQU-US	2025-05-24 23:15:00	9.14	40.16	0.23	7.13	10.87	12.97
SQU-US	2025-05-24 23:30:00	9.04	39.90	0.23	7.09	10.89	17.89
SQU-US	2025-05-24 23:45:00	8.95	39.69	0.15	7.15	10.91	9.64
SQU-US	2025-05-25 00:00:00	8.86	39.55	0.19	7.14	10.93	12.40
SQU-US	2025-05-25 00:15:00	8.75	38.92	0.20	7.17	10.97	14.79
SQU-US	2025-05-25 00:30:00	8.67	39.10	0.20	7.17	10.97	12.65
SQU-US	2025-05-25 00:45:00	8.57	38.54	0.19	7.11	11.02	14.22
SQU-US	2025-05-25 01:00:00	8.47	38.28	0.22	7.11	11.06	14.89
SQU-US	2025-05-25 01:15:00	8.37	37.78	0.23	7.11	11.08	15.41
SQU-US	2025-05-25 01:30:00	8.27	37.44	0.23	7.10	11.11	15.53
SQU-US	2025-05-25 01:45:00	8.17	37.03	0.15	7.18	11.13	14.74
SQU-US	2025-05-25 02:00:00	8.07	36.53	0.19	7.16	11.16	13.85
SQU-US	2025-05-25 02:15:00	7.95	36.14	0.20	7.16	11.22	15.35
SQU-US	2025-05-25 02:30:00	7.86	35.78	0.19	7.17	11.24	15.24
SQU-US	2025-05-25 02:45:00	7.79	35.64	0.19	7.13	11.25	13.77
SQU-US	2025-05-25 03:00:00	7.66	35.58	0.22	7.11	11.29	11.96
SQU-US	2025-05-25 03:15:00	7.57	35.39	0.23	7.11	11.31	11.87
SQU-US	2025-05-25 03:30:00	7.47	35.46	0.23	7.12	11.34	10.31
SQU-US	2025-05-25 03:45:00	7.40	36.57	0.15	7.16	11.33	11.30
SQU-US	2025-05-25 04:00:00	7.31	36.43	0.18	7.17	11.36	11.67
SQU-US	2025-05-25 04:15:00	7.23	36.74	0.20	7.16	11.38	11.29
SQU-US	2025-05-25 04:30:00	7.18	37.90	0.18	7.12	11.39	13.05
SQU-US	2025-05-25 04:45:00	7.15	37.74	0.19	7.09	11.38	10.41
SQU-US	2025-05-25 05:00:00	7.10	37.85	0.22	7.08	11.38	9.40
SQU-US	2025-05-25 05:15:00	7.06	38.63	0.23	7.04	11.37	10.22
SQU-US	2025-05-25 05:30:00	7.02	38.76	0.23	7.05	11.35	10.97
SQU-US	2025-05-25 05:45:00	7.00	38.47	0.16	7.12	11.36	9.88
SQU-US	2025-05-25 06:00:00	6.94	38.26	0.19	7.11	11.40	11.34
SQU-US	2025-05-25 06:15:00	6.91	37.59	0.20	7.08	11.42	11.48
SQU-US	2025-05-25 06:30:00	6.86	36.78	0.20	7.11	11.46	11.28
SQU-US	2025-05-25 06:45:00	6.82	36.17	0.19	7.08	11.51	9.80
SQU-US	2025-05-25 07:00:00	6.80	36.11	0.22	7.08	11.53	8.66

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-25 07:15:00	6.78	35.75	0.23	7.08	11.56	9.39
SQU-US	2025-05-25 07:30:00	6.77	35.53	0.23	7.11	11.59	11.42
SQU-US	2025-05-25 07:45:00	6.76	35.40	0.17	7.16	11.61	9.40
SQU-US	2025-05-25 08:00:00	6.78	35.28	0.19	7.17	11.64	7.89
SQU-US	2025-05-25 08:15:00	6.79	35.27	0.21	7.15	11.65	7.21
SQU-US	2025-05-25 08:30:00	6.84	35.20	0.21	7.16	11.68	8.38
SQU-US	2025-05-25 08:45:00	6.90	35.13	0.21	7.11	11.71	7.05
SQU-US	2025-05-25 09:00:00	6.96	35.11	0.23	7.11	11.73	7.57
SQU-US	2025-05-25 09:15:00	6.97	35.29	0.23	7.13	11.73	7.55
SQU-US	2025-05-25 09:30:00	7.02	35.35	0.24	7.11	11.74	8.13
SQU-US	2025-05-25 09:45:00	7.09	35.21	0.18	7.19	11.76	8.32
SQU-US	2025-05-25 10:00:00	7.11	34.95	0.21	7.19	11.77	6.01
SQU-US	2025-05-25 10:15:00	7.17	34.84	0.21	7.20	11.77	6.63
SQU-US	2025-05-25 10:30:00	7.26	34.85	0.22	7.21	11.77	8.60
SQU-US	2025-05-25 10:45:00	7.34	34.95	0.21	7.14	11.76	6.77
SQU-US	2025-05-25 11:00:00	7.40	35.34	0.23	7.14	11.75	29.18
SQU-US	2025-05-25 11:15:00	7.48	35.35	0.24	7.15	11.75	5.95
SQU-US	2025-05-25 11:30:00	7.50	35.45	0.24	7.15	11.72	6.76
SQU-US	2025-05-25 11:45:00	7.56	35.57	0.17	7.21	11.71	6.32
SQU-US	2025-05-25 12:00:00	7.64	35.90	0.20		11.69	6.17
SQU-US	2025-05-25 12:15:00	7.76	35.81	0.22	7.21	11.66	7.24
SQU-US	2025-05-25 12:30:00	7.84	35.66	0.22	7.21	11.67	6.66
SQU-US	2025-05-25 12:45:00	7.93	35.85	0.22	7.15	11.65	9.82
SQU-US	2025-05-25 13:00:00	8.08	35.80	0.23		11.64	6.78
SQU-US	2025-05-25 13:15:00	8.24	36.06	0.24	7.14	11.62	7.35
SQU-US	2025-05-25 13:30:00	8.40	35.99	0.25	7.17	11.60	6.54
SQU-US	2025-05-25 13:45:00	8.52	36.15	0.19	7.22	11.57	6.31
SQU-US	2025-05-25 14:00:00	8.63	36.16	0.21	7.23	11.55	6.85
SQU-US	2025-05-25 14:15:00	8.76	36.23	0.22	7.22	11.54	6.17
SQU-US	2025-05-25 14:30:00	8.87	36.41	0.22	7.23	11.50	7.89
SQU-US	2025-05-25 14:45:00	8.85	35.93	0.21	7.18	11.49	8.84
SQU-US	2025-05-25 15:00:00	8.90	36.08	0.23	7.17	11.49	7.60
SQU-US	2025-05-25 15:15:00	9.01	36.29	0.24	7.16	11.46	10.70
SQU-US	2025-05-25 15:30:00	9.14	36.36	0.24	7.19	11.44	7.38
SQU-US	2025-05-25 15:45:00	9.26	36.27	0.19	7.23	11.40	8.09
SQU-US	2025-05-25 16:00:00	9.33	36.08	0.20	7.25	11.38	7.60
SQU-US	2025-05-25 16:15:00	9.36	35.81	0.21	7.25	11.37	8.00
SQU-US	2025-05-25 16:30:00	9.39	35.61	0.21	7.27	11.35	7.17
SQU-US	2025-05-25 16:45:00	9.43	35.24	0.21	7.23	11.35	6.42
SQU-US	2025-05-25 17:00:00	9.44	35.27	0.23	7.23	11.32	7.50
SQU-US	2025-05-25 17:15:00	9.43	35.36	0.24	7.23	11.29	6.10
SQU-US	2025-05-25 17:30:00	9.42	35.10	0.24	7.25	11.27	8.45
SQU-US	2025-05-25 17:45:00	9.41	34.90	0.17	7.31	11.28	8.89
SQU-US	2025-05-25 18:00:00	9.38	34.82	0.20	7.31	11.25	7.25
SQU-US	2025-05-25 18:15:00	9.36	35.40	0.21	7.31	11.25	6.04
SQU-US	2025-05-25 18:30:00	9.36	36.29	0.21	7.30	11.22	6.51
SQU-US	2025-05-25 18:45:00	9.36	36.22	0.21	7.24	11.20	6.66
SQU-US	2025-05-25 19:00:00	9.35	36.41	0.23	7.24	11.19	6.33
SQU-US	2025-05-25 19:15:00	9.38	37.20	0.23	7.22	11.18	5.83
SQU-US	2025-05-25 19:30:00	9.41	38.20	0.24	7.19	11.14	5.91
SQU-US	2025-05-25 19:45:00	9.42	38.80	0.17	7.21	11.10	6.91
SQU-US	2025-05-25 20:00:00	9.40	39.08	0.20	7.21	11.06	5.77
SQU-US	2025-05-25 20:15:00	9.37	38.92	0.21	7.22	11.03	6.98
SQU-US	2025-05-25 20:30:00	9.35	38.60	0.22	7.20	11.02	6.75
SQU-US	2025-05-25 20:45:00	9.32	38.96	0.21	7.14	11.00	8.78
SQU-US	2025-05-25 21:00:00	9.29	38.05	0.23		10.98	10.20
SQU-US	2025-05-25 21:15:00	9.25	38.07	0.23	7.14	10.98	7.47
SQU-US	2025-05-25 21:30:00	9.19	37.89	0.24	7.12	10.96	9.73

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**ORP (V)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-US	2025-05-25 21:45:00	9.17	37.67	0.17	7.18	10.96	10.41
SQU-US	2025-05-25 22:00:00	9.12	37.16	0.19		10.94	12.66
SQU-US	2025-05-25 22:15:00	9.06	37.34	0.20	7.16	10.96	9.99
SQU-US	2025-05-25 22:30:00	8.99	36.75	0.19	7.17	10.96	10.63
SQU-US	2025-05-25 22:45:00	8.93	36.81	0.19	7.11	10.97	13.50
SQU-US	2025-05-25 23:00:00	8.87	36.37	0.22	7.10	10.99	13.23
SQU-US	2025-05-25 23:15:00	8.79	36.55	0.23	7.10	11.00	12.54
SQU-US	2025-05-25 23:30:00	8.73	36.50	0.24	7.10	11.02	11.99
SQU-US	2025-05-25 23:45:00	8.66	36.31	0.15	7.16	11.05	12.59


Turbidity (NTU)
100
50
0
19-May
20-May
21-May
22-May
23-May
24-May
25-May
26-May
Guideline
BC FWAL - Chronic
Monitoring location
SQU-DS
SQU-US

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

Woodfibre Site Sample Analysis

Analyte	*Unit*	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	**WLNG EOP 2025-05-21 14:30:00**
In situ Parameters			
Field pH	pH Units	6.5 - 9	7.13
Field Temperature	°C	19	11.8
General Parameters			
pH	pH Units		7.45
Alkalinity (Total as $CaCO_3$)	mg/L		48
Alkalinity (PP as $CaCO_3$)	mg/L		<1
Hardness ($CaCO_3$)-Total	mg/L		49.5
Hardness ($CaCO_3$)-Dissolved	mg/L		53
Sulphide-Total	mg/L		<0.0018
Sulphide (as H2S)	mg/L		<0.002
Un-ionized Hydrogen Sulfide as H2S-Total	mg/L		<0.005
Un-ionized Hydrogen Sulfide as S-Total	mg/L		<0.005
Anions and Nutrients			
Ammonia (N)-Total	mg/L	17.3	0.016
Bicarbonate (HCO_3)	mg/L		59
Carbonate (CO_3)	mg/L		<1
Hydroxide (OH)	mg/L		<1
Nitrate (N)	mg/L	32.8	<0.02
Nitrite (N)	mg/L	0.24	<0.005
Nitrate plus Nitrite (N)	mg/L		<0.02
Nitrogen (N)-Total	mg/L		0.226
Phosphorus (P)-Total (4500-P)	mg/L		0.0014
Bromide (Br)	mg/L		<0.01
Chloride (Cl)	mg/L	600	7.2
Fluoride (F)	mg/L	1.079	0.14
Sulphate (SO_4)-Dissolved	mg/L		6.8
Total Metals			
Aluminum (Al)-Total	mg/L		0.291
Antimony (Sb)-Total	mg/L	0.25	0.000232
Arsenic (As)-Total	mg/L		0.00196
Barium (Ba)-Total	mg/L		0.0039
Beryllium (Be)-Total	mg/L		<0.00001
Bismuth (Bi)-Total	mg/L		<0.00001
Boron (B)-Total	mg/L		0.012
Cadmium (Cd)-Total	mg/L		0.0000191
Calcium (Ca)-Total	mg/L		18.3
Cesium (Cs)-Total	mg/L		<0.00005
Chromium (Cr)-Total	mg/L		0.00034

Analyte	*Unit*	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	**WLNG EOP 2025-05-21 14:30:00**
Chromium (Cr VI)-Total	mg/L		<0.00099
Cobalt (Co)-Total	mg/L	0.11	0.000062
Copper (Cu)-Total	mg/L		0.00104
Iron (Fe)-Total	mg/L	1	0.104
Lead (Pb)-Total	mg/L		0.000163
Lithium (Li)-Total	mg/L		0.00238
Magnesium (Mg)-Total	mg/L		0.91
Manganese (Mn)-Total	mg/L	1.124	0.0115
Mercury (Hg)-Total	mg/L		0.0000026
Molybdenum (Mo)-Total	mg/L	46	0.0169
Nickel (Ni)-Total	mg/L		0.00012
Phosphorus (P)-Total (ICPMS)	mg/L		0.0071
Potassium (K)-Total	mg/L		1.39
Rubidium (Rb)-Total	mg/L		0.0029
Selenium (Se)-Total	mg/L		0.000062
Silicon (Si)-Total	mg/L		5.76
Silver (Ag)-Total	mg/L		<0.00001
Sodium (Na)-Total	mg/L		4.29
Strontium (Sr)-Total	mg/L		0.0359
Sulphur (S)-Total	mg/L		<3
Tellurium (Te)-Total	mg/L		<0.00002
Thallium (Tl)-Total	mg/L		0.0000126
Thorium (Th)-Total	mg/L		<0.00005
Tin (Sn)-Total	mg/L		<0.0002
Titanium (Ti)-Total	mg/L		0.0042
Uranium (U)-Total	mg/L	0.0165	0.00161
Vanadium (V)-Total	mg/L		0.00059
Zinc (Zn)-Total	mg/L		0.0039
Zirconium (Zr)-Total	mg/L		<0.0001
Dissolved Metals			
Aluminum (Al)-Dissolved	mg/L		0.0497
Antimony (Sb)-Dissolved	mg/L		0.00023
Arsenic (As)-Dissolved	mg/L		0.00164
Barium (Ba)-Dissolved	mg/L		0.00315
Beryllium (Be)-Dissolved	mg/L		<0.00001
Bismuth (Bi)-Dissolved	mg/L		<0.000005
Boron (B)-Dissolved	mg/L		0.012
Cadmium (Cd)-Dissolved	mg/L	0.000306	0.0000175
Calcium (Ca)-Dissolved	mg/L		20
Cesium (Cs)-Dissolved	mg/L		<0.00005
Chromium (Cr)-Dissolved	mg/L		0.00028
Cobalt (Co)-Dissolved	mg/L		0.0000511

Analyte	*Unit*	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	**WLNG EOP 2025-05-21 14:30:00**
Copper (Cu)-Dissolved	mg/L	0.00103961	0.000366
Iron (Fe)-Dissolved	mg/L	0.35	<0.001
Lead (Pb)-Dissolved	mg/L		0.0000127
Lithium (Li)-Dissolved	mg/L		0.002
Manganese (Mn)-Dissolved	mg/L		0.00963
Magnesium (Mg)-Dissolved	mg/L		0.747
Mercury (Hg)-Dissolved	mg/L		<0.0000019
Molybdenum (Mo)-Dissolved	mg/L		0.0178
Nickel (Ni)-Dissolved	mg/L	0.018	0.000087
Phosphorus (P)-Dissolved	mg/L		0.0028
Potassium (K)-Dissolved	mg/L		1.42
Rubidium (Rb)-Dissolved	mg/L		0.00305
Selenium (Se)-Dissolved	mg/L		0.000057
Silicon (Si)-Dissolved	mg/L		5.58
Silver (Ag)-Dissolved	mg/L		<0.000005
Sodium (Na)-Dissolved	mg/L		3.98
Strontium (Sr)-Dissolved	mg/L		0.0348
Sulphur (S)-Dissolved	mg/L		<3
Tellurium (Te)-Dissolved	mg/L		<0.00002
Thallium (Tl)-Dissolved	mg/L		0.0000121
Thorium (Th)-Dissolved	mg/L		0.0000059
Tin (Sn)-Dissolved	mg/L		<0.0002
Titanium (Ti)-Dissolved	mg/L		<0.0005
Uranium (U)-Dissolved	mg/L		0.00133
Vanadium (V)-Dissolved	mg/L		0.00052
Zinc (Zn)-Dissolved	mg/L	0.02414	0.00209
Zirconium (Zr)-Dissolved	mg/L		<0.0001
Inorganics			
Organic Carbon (C)-Total	mg/L		1.4
Organic Carbon (C)-Dissolved	mg/L		1.2
Solids-Total Dissolved	mg/L		88
Solids-Total Suspended	mg/L	26.2	4
Organics			
HEPH (C19-C32 less PAH)	mg/L		<0.2
LEPH (C10-C19 less PAH)	mg/L		<0.2
EPH (C10-C19)	mg/L		<0.2
EPH (C19-C32)	mg/L		<0.2
Ethylene Glycol	mg/L		<3
Diethylene Glycol	mg/L		<5
Triethylene Glycol	mg/L		<5
Propylene Glycol	mg/L		<5
Acenaphthene	mg/L		<0.00005

Analyte	*Unit*	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	**WLNG EOP 2025-05-21 14:30:00**
Acenaphthylene	mg/L		<0.00005
Acridine	mg/L		<0.00005
Anthracene	mg/L		<0.00001
Benzo(a)anthracene	mg/L		<0.00001
Benzo(a)pyrene	mg/L		<0.000005
Benzo(b&j)fluoranthene	mg/L		<0.00003
Benzo(g,h,i)perylene	mg/L		<0.00005
Benzo(k)fluoranthene	mg/L		<0.00005
Chrysene	mg/L		<0.00002
Dibenz(a,h)anthracene	mg/L		<0.000003
Fluoranthene	mg/L		<0.00002
Fluorene	mg/L		<0.00005
Indeno(1,2,3-cd)pyrene	mg/L		<0.00005
1-Methylnaphthalene	mg/L		<0.00005
2-Methylnaphthalene	mg/L		<0.0001
Naphthalene	mg/L	0.001	<0.0001
Phenanthrene	mg/L		<0.00005
Pyrene	mg/L		<0.00002
Quinoline	mg/L		<0.00002
Low Molecular Weight PAH`s	mg/L		<0.0001
High Molecular Weight PAH`s	mg/L		<0.00005
Total PAH	mg/L		<0.0001
VH C6-C10	mg/L		<0.3
1,1,1,2-Tetrachloroethane	mg/L		<0.0005
1,1,1-Trichloroethane	mg/L		<0.0005
1,1,2,2-Tetrachloroethane	mg/L		<0.0005
1,1,2Trichloro-1,2,2Trifluoroethane	mg/L		<0.002
1,1,2-Trichloroethane	mg/L		<0.0005
1,1-Dichloroethane	mg/L		<0.0005
1,1-Dichloroethene	mg/L		<0.0005
1,2,3-trichlorobenzene	mg/L		<0.002
1,2,4-trichlorobenzene	mg/L		<0.002
1,2-dibromoethane	mg/L		<0.0002
1,2-Dichlorobenzene	mg/L		<0.0005
1,2-Dichloroethane	mg/L		<0.0005
1,2-Dichloropropane	mg/L		<0.0005
1,3,5-trimethylbenzene	mg/L		<0.002
1,3-Butadiene	mg/L		<0.0005
1,3-Dichlorobenzene	mg/L		<0.0005
1,3-dichloropropane	mg/L		<0.001
1,4-Dichlorobenzene	mg/L		<0.0005
Benzene	mg/L		<0.0004

Analyte	*Unit*	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	**WLNG EOP 2025-05-21 14:30:00**
Bromobenzene	mg/L		<0.002
Bromodichloromethane	mg/L		<0.001
Bromoform	mg/L		<0.001
Bromomethane	mg/L		<0.001
Carbon tetrachloride	mg/L		<0.0005
Chlorobenzene	mg/L		<0.0005
Chloroethane	mg/L		<0.001
Chloroform	mg/L		<0.001
Chloromethane	mg/L		<0.001
cis-1,2-Dichloroethene	mg/L		<0.001
cis-1,3-Dichloropropene	mg/L		<0.001
Dibromochloromethane	mg/L		<0.001
Dichlorodifluoromethane	mg/L		<0.002
Dichloromethane	mg/L		<0.002
Ethylbenzene	mg/L		<0.0004
Hexachlorobutadiene	mg/L		<0.0005
Isopropylbenzene	mg/L		<0.002
Methyl-tert-butylether (MTBE)	mg/L	3.4	<0.004
Styrene	mg/L		0.001
Tetrachloroethene	mg/L		<0.0005
Toluene	mg/L		<0.0004
trans-1,2-dichloroethene	mg/L		<0.001
trans-1,3-dichloropropene	mg/L		<0.001
Trichloroethene	mg/L		<0.0005
Trichlorofluoromethane	mg/L		<0.004
Vinyl chloride	mg/L		<0.0005
VPH (VH6 to 10 - BTEX)	mg/L		<0.3
Xylenes (Total)	mg/L		<0.0004
m & p-Xylene	mg/L		<0.0004
o-Xylene	mg/L		<0.0004
Phenols	mg/L	0.05	<0.0015
Acute Toxicity Testing			
Acute Rainbow Trout Toxicity Test LC50*	% effluent	100	>100

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).

Bold text denotes value exceeding guidelines. Note: Not all exceedances are project related.

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

Woodfibre Site WTP Discharge Field Notes and Logs

Water Quality Field Data Sheet

Hatfield

Project: FORTIS11234

Location Information

Site ID: WLNG - DS

Site Name: WLNG

Site UTM: Zone: E: 123°14'53.421"

(NAD83) N: 49°40'8.736"

Date: May 21, 2025

Time: 14:00

Crew: HM, DS, JF

Weather: Clear Foggy (Cloudy) Rain Snow Windy

In Situ Parameters

pH: 7.28

Temp.: 12.2 (°C)

Turbidity: 5.97 NTU

DO: 4.73 (mg/L)

Cond: 146.5 (us)

Visible Sheen: Y / N

Water Surface Condition: (Clear) Turbid Foaming Ice

Photo Record

Photo

Photo

Photo

Observations

floc build up on stream bed

fluctuating flow and depth - discharge amount

Water Quality Field Data Sheet

Hatfield

Project: FORTIS11234

Location Information

Site ID: WLNG - EOP
Site Name: WLNG
Site UTM: Zone: E: 123°14'59.26" N
(NAD83) N: 49° 45'19.605"

Date: May 21, 2025
Time: 1430
Crew: HM JE
Weather: Clear Foggy Cloudy Rain Snow Windy (Sun)

In Situ Parameters

pH: 7.13
Temp.: 11.8 (°C)
Turbidity: 2.19 NTU
DO: 4.34 (mg/L)
Cond: 192.9 (us)

Visible Sheen: Y (N)
Water Surface Condition: (Clear) Turbid Foaming Ice

Photo Record

Photo

Photo

Photo

Observations

- No issues
- EOP duplicate sampled at 1440

Water Quality Field Data Sheet

Hatfield

Project: FORTIS11234

Location Information

Site ID: WLNG-US

Site Name: WLNG

Site UTM: Zone: E: 123 '15'1.844"

(NAD83) N: 49'4'59.674"

Date: May 21, 2025

Time: 1455

Crew: KM JF

Weather: Clear Foggy (Cloudy) Rain Snow Windy Sun

In Situ Parameters

pH: 7.58 DO: (mg/L) 3.68

Temp.: 11.5 (°C) Cond: 5 (us) 58.9

Turbidity: 0.00 NTU

Visible Sheen: Y (N)

Water Surface Condition: (Clear) Turbid Foaming Ice

Photo Record

Photo

Photo

Photo

Observations

Algae in stream

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Table of Contents:

1. Executive Summary and Field Notes:

The discharged water consistently remained within regulatory guidelines. The key parameters, including temperature, pH, salinity, NTU, 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 May 19 was 264,511 m^3.

Daily Volume Summary:

Table 1: Discharge Volumes Daily Summary

Date	Location	Volume (m3)	Comments
May 19	Woodfibre (WF)	2,534	Exceeded discharge volume limit
May 20	WF	2,563	Exceeded discharge volume limit
May 21	WF	2,611	Exceeded discharge volume limit
May 22	WF	2,404	Exceeded discharge volume limit
May 23	WF	2,534	Exceeded discharge volume limit
May 24	WF	2,464	Exceeded discharge volume limit
May 25	WF	2,398	Exceeded discharge volume limit
	Total	17,508	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)
5/19/2025	0:00:00	7.5	1.768	0.5	264,511	11.9	269
5/19/2025	0:15:00	7.5	0.246	0.2	264,535	12.1	268
5/19/2025	0:30:00	7.5	0.178	0.2	264,559	11.9	268
5/19/2025	0:45:00	7.5	1.866	0.6	264,578	11.8	266
5/19/2025	1:00:00	7.5	2.559	0.1	264,616	11.7	266
5/19/2025	1:15:00	7.5	0.583	0	264,653	11.9	268
5/19/2025	1:30:00	7.5	2.006	0	264,674	11.9	271
5/19/2025	1:45:00	7.5	2.555	0	264,711	11.8	268
5/19/2025	2:00:00	7.5	2.509	0.3	264,750	11.9	268
5/19/2025	2:15:00	7.5	1.980	0.4	264,769	12	269
5/19/2025	2:30:00	7.2	2.540	0.4	264,790	11.8	269
5/19/2025	2:45:00	7.5	0.193	0.4	264,812	12	268
5/19/2025	3:00:00	7.5	1.934	0.5	264,831	11.6	268
5/19/2025	3:15:00	7.5	2.559	0.1	264,855	11.5	266
5/19/2025	3:30:00	7.5	2.532	0.2	264,894	11.5	115
5/19/2025	3:45:00	7.5	1.915	0.6	264,914	11.6	264
5/19/2025	4:00:00	7.4	2.551	0.6	264,951	11.6	268
5/19/2025	4:15:00	7.5	2.532	0.5	264,974	11.6	266
5/19/2025	4:30:00	7.4	1.378	0.4	264,991	12	269
5/19/2025	4:45:00	7.5	0.140	0.6	265,013	11.8	268
5/19/2025	5:00:00	7.5	2.513	0.7	265,038	11.5	269

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/19/2025	5:15:00	7.6	1.942	0.6	265,072	11.5	268
5/19/2025	5:30:00	7.5	0.295	0.6	265,092	11.8	268
5/19/2025	5:45:00	7.5	2.528	0.4	265,129	11.5	266
5/19/2025	6:00:00	7.5	1.976	0.7	265,163	11.5	266
5/19/2025	6:15:00	7.5	2.544	0.4	265,187	11.4	266
5/19/2025	6:30:00	7.5	0.185	0.2	265,217	11.5	266
5/19/2025	6:45:00	7.5	1.915	0.3	265,233	11.4	267
5/19/2025	7:00:00	7.5	2.544	0.1	265,253	11.4	114
5/19/2025	7:15:00	7.5	1.980	0	265,291	11.4	116
5/19/2025	7:30:00	7.5	1.832	0	265,311	11.4	116
5/19/2025	7:45:00	7.5	0.201	0.5	265,337	11.5	114
5/19/2025	8:00:00	7.5	2.430	0.2	265,361	11.2	114
5/19/2025	8:15:00	7.5	0.549	1.1	265,392	11.1	114
5/19/2025	8:30:00	7.5	2.438	0.4	265,418	11	113
5/19/2025	8:45:00	7.5	2.419	0.3	265,441	11	111
5/19/2025	9:00:00	7.5	1.836	1.4	265,473	11.1	112
5/19/2025	9:15:00	7.5	2.434	0.6	265,509	11.1	112
5/19/2025	10:15:00	7.5	2.396	0.7	265,564	11	111
5/19/2025	10:45:00	7.5	2.426	1.3	265,613	11	113
5/19/2025	11:15:00	7.6	1.593	2.8	265,658	11.2	116
5/19/2025	11:30:00	7.3	2.154	0.6	265,689	11.2	117
5/19/2025	11:45:00	7.5	2.135	1.4	265,721	11.2	116
5/19/2025	12:00:00	7.5	2.120	0.5	265,753	11.2	116
5/19/2025	12:30:00	7.5	1.605	9.7	265,789	11.3	114
5/19/2025	12:45:00	7.5	2.157	0.3	265,818	11.4	114

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/19/2025	13:15:00	7.4	2.192	1.8	265,843	11.5	337
5/19/2025	13:30:00	7.5	2.419	1.2	265,880	11.4	291
5/19/2025	13:45:00	7.5	2.415	6.6	265,916	11.4	276
5/19/2025	14:00:00	7.5	2.388	1.8	265,952	11.4	271
5/19/2025	14:15:00	7.5	2.430	1.4	265,983	11.4	268
5/19/2025	14:30:00	7.4	2.407	1.3	266,019	11.4	268
5/19/2025	14:45:00	7.4	2.385	3	266,055	11.4	271
5/19/2025	15:00:00	7.4	2.377	2.8	266,091	11.5	272
5/19/2025	15:15:00	7.5	2.415	1.3	266,122	11.5	272
5/19/2025	15:30:00	7.4	2.419	1.7	266,143	11.8	275
5/19/2025	15:45:00	7.5	2.403	3.1	266,179	11.5	273
5/19/2025	16:00:00	7.3	2.385	1.7	266,215	11.6	269
5/19/2025	16:30:00	7.6	1.677	2.6	266,240	11.7	269
5/19/2025	17:00:00	7	1.041	1	266,287	11.7	277
5/19/2025	17:15:00	7.2	2.237	1.1	266,310	11.7	267
5/19/2025	17:30:00	7.5	2.180	0.7	266,335	11.6	117
5/19/2025	18:00:00	7.3	1.980	1.3	266,393	11.7	267
5/19/2025	18:15:00	7.3	2.029	1.2	266,422	11.6	266
5/19/2025	18:45:00	7.5	2.101	2.3	266,464	12.1	119
5/19/2025	19:00:00	7.5	0.307	2.4	266,487	12.4	121
5/19/2025	19:15:00	7.4	2.169	3.5	266,517	11.9	118
5/19/2025	19:30:00	7.5	2.093	8.1	266,540	11.7	117
5/19/2025	19:45:00	7.5	2.192	7.6	266,573	11.6	117
5/19/2025	20:00:00	7.5	1.030	16.7	266,604	11.6	116
5/19/2025	20:15:00	7.5	2.169	0	266,629	13	116

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/19/2025	20:30:00	7.6	2.161	1.6	266,662	11.4	114
5/19/2025	20:45:00	7.6	2.131	1.7	266,694	11.3	114
5/19/2025	21:00:00	7.6	2.127	0.9	266,720	11.4	114
5/19/2025	21:15:00	7.7	2.154	1.7	266,752	11.2	114
5/19/2025	21:30:00	7.6	2.127	2.1	266,785	11.3	114
5/19/2025	21:45:00	7.6	1.408	1.5	266,813	11.9	114
5/19/2025	22:00:00	7.6	2.483	2.1	266,844	11.2	114
5/19/2025	22:15:00	7.6	2.468	1.5	266,881	11.1	113
5/19/2025	22:30:00	7.6	2.445	2.4	266,918	11.1	113
5/19/2025	22:45:00	7.6	2.551	1.4	266,945	11.1	114
5/19/2025	23:00:00	7.6	2.464	1.8	266,983	11.1	114
5/19/2025	23:15:00	7.6	2.369	11.3	267,019	11.1	267
5/19/2025	23:30:00	7.6	0.144	4.5	267,026	11.5	266
5/19/2025	23:45:00	7.6	1.317	12.2	267,046	11	113
5/20/2025	0:00:00	7.6	2.562	1.6	267,081	11	113
5/20/2025	0:15:00	7.6	2.521	1.5	267,119	11.1	114
5/20/2025	0:30:00	7.6	2.347	5	267,156	11.1	113
5/20/2025	0:45:00	7.5	0.182	4.6	267,170	11.5	266
5/20/2025	1:00:00	7.6	2.517	2.1	267,196	11.1	114
5/20/2025	1:15:00	7.5	2.453	2.5	267,233	11.1	115
5/20/2025	1:30:00	7.5	2.544	5.1	267,247	11.3	114
5/20/2025	1:45:00	7.5	2.472	1.6	267,269	11.2	114
5/20/2025	2:00:00	7.6	2.411	3.9	267,305	11.2	266
5/20/2025	2:15:00	7.6	1.866	3	267,339	11.3	267
5/20/2025	2:30:00	7.6	2.491	1	267,362	11.2	267

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/20/2025	2:45:00	7.7	2.441	15.3	267,398	11.2	267
5/20/2025	3:00:00	7.6	0.178	1.3	267,424	11.4	267
5/20/2025	3:15:00	7.6	2.528	0.8	267,445	11.2	264
5/20/2025	3:30:00	7.6	2.494	3	267,467	11.1	114
5/20/2025	3:45:00	7.6	0.212	1.4	267,495	11.4	267
5/20/2025	4:00:00	7.6	1.851	1.3	267,522	11.3	267
5/20/2025	4:15:00	7.6	2.521	1	267,559	11.1	267
5/20/2025	4:30:00	7.6	2.494	1.4	267,582	11.4	269
5/20/2025	4:45:00	7.6	1.866	2.3	267,619	11.2	268
5/20/2025	5:00:00	7.6	2.521	0.6	267,651	11.1	114
5/20/2025	5:15:00	7.6	2.483	1	267,671	11.1	114
5/20/2025	5:30:00	7.5	2.449	1	267,689	11.3	114
5/20/2025	5:45:00	7.5	2.559	3	267,721	11.3	114
5/20/2025	6:00:00	7.5	0.280	0.6	267,754	11.3	114
5/20/2025	6:15:00	7.5	2.479	1.6	267,781	11.3	114
5/20/2025	6:30:00	7.5	1.866	0.9	267,816	11.4	114
5/20/2025	6:45:00	7.5	2.475	0.5	267,839	11.3	116
5/20/2025	7:00:00	7.5	2.403	0.9	267,876	11.3	116
5/20/2025	7:15:00	7.4	1.294	10.1	267,889	11.4	116
5/20/2025	7:30:00	7.5	2.509	1.1	267,921	11.1	114
5/20/2025	7:45:00	7.5	1.696	0.8	267,957	11.1	114
5/20/2025	8:00:00	7.4	2.445	0.9	267,980	11.1	114
5/20/2025	8:15:00	7.4	2.192	0.9	268,010	11	114
5/20/2025	8:30:00	7.5	2.150	0.9	268,042	11	114
5/20/2025	8:45:00	7.4	0.189	1	268,053	11.4	116

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/20/2025	9:00:00	7.5	2.502	1.1	268,076	11.3	114
5/20/2025	9:15:00	7.4	2.173	0.5	268,112	11	268
5/20/2025	9:30:00	7.4	0.185	0.7	268,139	11.2	266
5/20/2025	9:45:00	7.4	2.362	0.9	268,163	11.1	266
5/20/2025	10:00:00	7.5	1.363	2.7	268,196	11.2	266
5/20/2025	10:15:00	7.6	1.257	2.6	268,217	11.1	113
5/20/2025	10:30:00	7.5	1.658	2.9	268,236	11.2	267
5/20/2025	10:45:00	7.5	2.400	2.5	268,273	11.4	266
5/20/2025	11:00:00	7.5	1.775	14.3	268,303	11.7	266
5/20/2025	11:15:00	7.5	0.276	2.7	268,324	11.8	266
5/20/2025	11:30:00	7.5	2.222	3.4	268,356	11.5	267
5/20/2025	11:45:00	7.6	2.245	6.1	268,388	11.5	267
5/20/2025	12:15:00	7.6	2.305	5.5	268,435	11.5	269
5/20/2025	12:45:00	7.5	1.646	7.4	268,467	11.7	271
5/20/2025	13:15:00	7.5	2.025	10.8	268,502	11.7	273
5/20/2025	13:45:00	7.5	2.335	3.3	268,547	11.8	272
5/20/2025	14:00:00	7.5	2.328	4.7	268,582	11.9	272
5/20/2025	14:15:00	7.5	2.434	8.8	268,616	11.9	271
5/20/2025	14:30:00	7.5	1.881	10.9	268,649	12.2	268
5/20/2025	14:45:00	7.5	2.464	7	268,685	11.9	269
5/20/2025	15:00:00	7.5	2.385	8.8	268,722	11.9	267
5/20/2025	15:15:00	7.5	1.692	8.2	268,754	12.1	269
5/20/2025	15:30:00	7.5	2.165	3.4	268,782	12	267
5/20/2025	15:45:00	7.5	2.127	6	268,814	12	266
5/20/2025	16:00:00	7.5	2.139	7.1	268,846	12.2	268

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/20/2025	16:15:00	7.5	2.498	5.3	268,866	12	268
5/20/2025	16:30:00	7.4	2.449	3.9	268,903	12.1	268
5/20/2025	16:45:00	7.4	2.528	8.7	268,932	12	269
5/20/2025	17:00:00	7.4	2.487	5.3	268,970	12.1	268
5/20/2025	17:30:00	7.5	2.468	4.9	269,025	12.2	265
5/20/2025	17:45:00	7.4	2.445	6.2	269,062	12.1	121
5/20/2025	18:15:00	7.5	2.517	6	269,109	11.9	119
5/20/2025	18:30:00	7.5	2.385	3.6	269,128	12	264
5/20/2025	18:45:00	7.5	2.509	9	269,156	12	119
5/20/2025	19:00:00	7.5	2.422	4.7	269,193	11.8	119
5/20/2025	19:15:00	7.5	2.445	4.3	269,211	12	119
5/20/2025	19:45:00	7.5	2.388	4.8	269,271	11.8	266
5/20/2025	20:00:00	7.6	1.128	12	269,289	11.7	269
5/20/2025	20:15:00	7.6	2.339	3.8	269,313	11.6	270
5/20/2025	21:00:00	7.5	2.509	8.3	269,374	11.5	276
5/20/2025	21:15:00	7.5	2.453	9.8	269,409	11.5	276
5/20/2025	21:45:00	7.5	1.881	13.2	269,439	11.5	272
5/20/2025	22:00:00	7.5	2.419	6.6	269,476	11.4	272
5/20/2025	22:15:00	7.5	2.385	8	269,512	11.4	272
5/20/2025	23:00:00	7.5	2.449	4.4	269,566	11.3	272
5/20/2025	23:15:00	7.5	2.400	9.2	269,602	11.4	275
5/20/2025	23:30:00	7.5	0.182	12.3	269,627	11.5	278
5/20/2025	23:45:00	7.5	2.498	7.7	269,644	11.4	275
5/21/2025	0:00:00	7.5	1.268	8.1	269,666	11.4	275
5/21/2025	0:15:00	7.5	2.513	4.8	269,700	11.4	275

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/21/2025	0:30:00	7.5	2.468	3.6	269,738	11.4	275
5/21/2025	0:45:00	7.5	1.957	5.7	269,772	11.5	273
5/21/2025	1:00:00	7.5	2.449	6.1	269,807	11.4	273
5/21/2025	1:15:00	7.5	0.163	4.1	269,833	11.6	274
5/21/2025	1:30:00	7.5	2.377	3.5	269,853	11.5	274
5/21/2025	1:45:00	7.5	2.460	3.4	269,885	11.4	272
5/21/2025	2:00:00	7.5	2.407	10.9	269,921	11.4	272
5/21/2025	2:15:00	7.5	0.170	3.2	269,937	11.7	273
5/21/2025	2:30:00	7.5	1.870	13.4	269,960	11.5	276
5/21/2025	2:45:00	7.5	2.400	4.2	269,996	11.5	276
5/21/2025	3:00:00	7.5	2.347	6.6	270,032	11.6	279
5/21/2025	3:15:00	7.5	1.768	6.4	270,066	11.6	278
5/21/2025	3:30:00	7.5	2.362	5.3	270,098	11.5	273
5/21/2025	3:45:00	7.4	0.000	5	270,109	11.7	273
5/21/2025	4:00:00	7.5	2.297	6	270,135	11.5	275
5/21/2025	4:15:00	7.5	2.392	3.2	270,166	11.4	275
5/21/2025	4:30:00	7.4	2.320	3.8	270,201	11.3	270
5/21/2025	4:45:00	7.4	2.214	2.1	270,235	11.2	268
5/21/2025	5:00:00	7.4	1.851	15.2	270,267	11.3	268
5/21/2025	5:15:00	7.4	1.128	6.9	270,296	11.3	271
5/21/2025	5:30:00	7.4	2.366	2.8	270,315	11.5	272
5/21/2025	5:45:00	7.5	2.275	10.1	270,344	11.7	271
5/21/2025	6:00:00	7.5	2.339	3.5	270,372	11.8	273
5/21/2025	6:15:00	7.4	0.390	2.2	270,401	11.8	271
5/21/2025	6:30:00	7.4	0.140	3.3	270,403	12.7	274

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/21/2025	6:45:00	7.4	2.347	1.5	270,434	11.6	269
5/21/2025	7:00:00	7.4	1.325	5.3	270,463	11.6	118
5/21/2025	7:15:00	7.4	2.445	1.8	270,498	11.7	119
5/21/2025	7:30:00	7.4	2.377	11.5	270,535	11.8	264
5/21/2025	7:45:00	7.4	0.159	9.2	270,563	11.9	266
5/21/2025	8:00:00	7.4	2.279	9.8	270,572	12.1	118
5/21/2025	8:15:00	7.4	2.248	2.7	270,606	11.6	117
5/21/2025	9:00:00	7.3	2.248	2.8	270,639	11.5	269
5/21/2025	9:15:00	7.3	1.313	7.3	270,668	11.6	264
5/21/2025	9:45:00	7.2	2.055	2.3	270,703	11.7	262
5/21/2025	10:00:00	7.3	2.150	6.8	270,735	11.5	114
5/21/2025	10:45:00	7.5	2.282	4.3	270,814	11.5	113
5/21/2025	11:00:00	7.5	2.203	4.4	270,847	11.5	113
5/21/2025	11:15:00	7.5	2.335	5.1	270,866	11.4	113
5/21/2025	11:30:00	7.4	2.150	1.3	270,890	11.6	113
5/21/2025	11:45:00	7.4	2.093	1.7	270,922	11.7	113
5/21/2025	12:00:00	7.4	2.040	2	270,953	11.8	114
5/21/2025	12:15:00	7.4	0.666	1.6	270,975	12	113
5/21/2025	12:45:00	7.5	2.203	0.5	271,005	11.9	114
5/21/2025	13:00:00	7.4	2.135	0.3	271,038	12	113
5/21/2025	13:15:00	7.5	2.127	0.1	271,069	12	114
5/21/2025	13:30:00	7.5	2.294	3.3	271,103	12	114
5/21/2025	13:45:00	7.5	2.233	1.5	271,137	11.9	114
5/21/2025	14:00:00	7.5	0.628	4.2	271,154	11.8	114
5/21/2025	14:15:00	7.5	2.214	0.3	271,178	12	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/21/2025	14:30:00	7.5	2.332	2.6	271,214	12	114
5/21/2025	14:45:00	7.4	2.101	0.1	271,245	12.3	114
5/21/2025	15:30:00	7.5	2.195	6	271,307	12	114
5/21/2025	15:45:00	7.5	2.245	5.7	271,339	12.2	114
5/21/2025	16:00:00	7.5	2.388	7.1	271,375	12.1	114
5/21/2025	16:15:00	7.5	2.188	7.5	271,409	12.1	114
5/21/2025	16:30:00	7.5	1.646	5.9	271,440	12.2	114
5/21/2025	16:45:00	7.4	2.120	3.4	271,469	12.4	114
5/21/2025	17:00:00	7.5	2.146	5.1	271,492	11.8	114
5/21/2025	17:15:00	7.5	2.403	5.2	271,527	11.9	114
5/21/2025	17:30:00	7.5	2.123	11.5	271,561	12.1	114
5/21/2025	17:45:00	7.5	1.457	4.7	271,589	12.2	115
5/21/2025	18:00:00	7.4	2.241	3.9	271,622	12	114
5/21/2025	18:15:00	7.4	2.422	7.6	271,656	12	114
5/21/2025	18:30:00	7.4	2.339	1.6	271,691	12	114
5/21/2025	19:00:00	7.4	2.279	5.9	271,729	12.2	114
5/21/2025	19:15:00	7.4	2.184	1.7	271,755	11.8	113
5/21/2025	19:30:00	7.4	2.127	0.9	271,788	11.6	113
5/21/2025	19:45:00	7.4	2.195	2.1	271,821	11.6	112
5/21/2025	20:00:00	7.4	2.139	2.1	271,853	11.6	114
5/21/2025	20:15:00	7.4	2.460	2.8	271,880	11.3	113
5/21/2025	20:30:00	7.4	2.362	3.9	271,916	11.4	114
5/21/2025	20:45:00	7.4	2.267	6.1	271,951	11.4	114
5/21/2025	21:00:00	7.4	1.824	15.5	271,966	11.5	114
5/21/2025	21:15:00	7.4	0.170	11.2	271,991	11.6	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/21/2025	21:30:00	7.4	2.260	4.7	272,011	11.5	113
5/21/2025	21:45:00	7.4	1.624	6.7	272,044	11.3	112
5/21/2025	22:00:00	7.4	2.260	5.7	272,075	11.3	112
5/21/2025	22:15:00	7.4	2.305	4.8	272,100	11.3	112
5/21/2025	22:30:00	7.4	2.210	5.6	272,134	11.2	111
5/21/2025	22:45:00	7.4	2.142	4.3	272,166	11.2	111
5/21/2025	23:00:00	7.4	1.802	14	272,195	11.2	112
5/21/2025	23:15:00	7.4	0.867	3.5	272,227	11.1	111
5/21/2025	23:30:00	7.4	2.139	5.5	272,246	11.1	111
5/21/2025	23:45:00	7.5	1.484	3.4	272,277	11.2	112
5/22/2025	0:00:00	7.5	2.222	3.3	272,306	11.3	112
5/22/2025	0:15:00	7.5	0.178	6.8	272,336	11.2	112
5/22/2025	0:30:00	7.4	2.010	14.9	272,342	11.5	266
5/22/2025	1:00:00	7.4	2.074	7.4	272,401	11.2	112
5/22/2025	1:15:00	7.4	1.646	15.8	272,425	11.1	112
5/22/2025	1:30:00	7.4	2.237	6.3	272,451	11.1	112
5/22/2025	1:45:00	7.4	2.127	6.5	272,483	11.1	112
5/22/2025	2:00:00	7.4	1.370	9.5	272,515	11.1	112
5/22/2025	2:30:00	7.4	0.125	6.3	272,564	11.1	112
5/22/2025	2:45:00	7.4	1.457	6.7	272,580	11.1	112
5/22/2025	3:00:00	7.6	2.150	7.1	272,613	11	270
5/22/2025	3:15:00	7.6	0.250	0.8	272,636	11.3	270
5/22/2025	3:30:00	7.5	2.491	0.5	272,664	11	270
5/22/2025	3:45:00	7.5	2.449	0.3	272,701	11	270
5/22/2025	4:00:00	7.5	1.654	0.6	272,736	11.1	270

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/22/2025	4:15:00	7.5	2.426	0.3	272,769	11	268
5/22/2025	4:30:00	7.4	0.447	0.3	272,803	11	270
5/22/2025	4:45:00	7.4	2.400	0.2	272,822	10.9	268
5/22/2025	5:00:00	7.4	1.900	1.9	272,857	10.9	268
5/22/2025	5:15:00	7.4	0.371	0.4	272,886	11	267
5/22/2025	5:30:00	7.4	2.422	0.4	272,903	11	111
5/22/2025	5:45:00	7.4	0.208	0.2	272,927	11.1	111
5/22/2025	6:00:00	7.4	1.919	0.5	272,945	11	111
5/22/2025	6:15:00	7.4	2.343	0.3	272,977	10.9	111
5/22/2025	6:30:00	7.4	0.238	0.5	273,002	11	110
5/22/2025	6:45:00	7.4	2.320	0.2	273,029	10.8	111
5/22/2025	7:00:00	7.4	1.537	0.7	273,062	10.8	112
5/22/2025	7:15:00	7.4	0.284	0.3	273,072	11	111
5/22/2025	7:30:00	7.4	2.407	0.4	273,105	10.8	112
5/22/2025	7:45:00	7.4	2.366	0.4	273,141	10.8	111
5/22/2025	8:30:00	7.5	2.313	0.5	273,197	10.9	111
5/22/2025	9:15:00	7.4	2.180	0.4	273,248	11.1	111
5/22/2025	9:30:00	7.4	2.320	4.9	273,281	11.2	111
5/22/2025	9:45:00	7.4	2.400	0	273,303	11.4	112
5/22/2025	10:00:00	7.4	2.388	0	273,339	11.3	112
5/22/2025	10:15:00	7.4	0.413	0	273,367	11.3	112
5/22/2025	10:30:00	7.4	2.464	0	273,399	11.3	112
5/22/2025	10:45:00	7.5	2.411	0	273,435	11.4	112
5/22/2025	11:00:00	7.5	2.366	0	273,471	11.4	112
5/22/2025	11:15:00	7.5	2.347	0	273,488	11.5	112

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/22/2025	11:45:00	7.5	2.604	0	273,518	11.6	112
5/22/2025	12:00:00	7.6	2.536	0	273,556	11.6	113
5/22/2025	12:15:00	7.6	2.491	0	273,594	11.7	113
5/22/2025	12:30:00	7.6	2.388	0	273,631	11.8	113
5/22/2025	12:45:00	7.6	2.192	0	273,658	11.6	113
5/22/2025	13:00:00	7.6	0.201	0	273,679	11.9	113
5/22/2025	13:15:00	7.6	2.176	0	273,704	11.7	114
5/22/2025	13:30:00	7.6	0.182	0	273,712	12.1	114
5/22/2025	13:45:00	7.7	2.260	0	273,739	11.7	114
5/22/2025	14:00:00	7.7	2.218	0	273,772	11.8	114
5/22/2025	14:15:00	7.7	2.176	0	273,805	11.9	114
5/22/2025	14:30:00	7.7	0.132	0	273,824	12.3	114
5/22/2025	14:45:00	7.7	2.165	0	273,843	12.2	114
5/22/2025	15:15:00	7.7	2.192	0	273,865	12.3	263
5/22/2025	15:30:00	7.7	2.165	0	273,898	12.2	263
5/22/2025	15:45:00	7.6	2.229	0	273,930	12	263
5/22/2025	16:00:00	7.6	2.173	0	273,959	11.9	114
5/22/2025	16:15:00	7.5	2.184	0	273,992	11.8	114
5/22/2025	16:30:00	7.5	1.662	0	274,024	11.8	114
5/22/2025	16:45:00	7.5	2.411	0	274,049	11.6	114
5/22/2025	17:00:00	7.5	2.517	0	274,087	11.6	114
5/22/2025	17:15:00	7.5	2.456	0	274,124	11.7	114
5/22/2025	17:45:00	7.5	2.441	0	274,159	11.7	114
5/22/2025	18:15:00	7.4	2.343	0	274,208	11.6	114
5/22/2025	18:30:00	7.4	1.745	0	274,242	11.5	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/22/2025	18:45:00	7.4	2.347	0	274,252	11.5	114
5/22/2025	19:00:00	7.4	1.699	0	274,283	11.5	114
5/22/2025	19:15:00	7.4	2.366	0	274,317	11.5	114
5/22/2025	19:45:00	7.5	2.347	0	274,355	11.6	114
5/22/2025	20:00:00	7.5	1.559	0	274,385	11.5	266
5/22/2025	20:15:00	7.5	2.328	0	274,418	11.5	266
5/22/2025	20:30:00	7.5	2.328	0	274,432	11.9	267
5/22/2025	20:45:00	7.5	2.301	0	274,467	11.6	264
5/22/2025	21:15:00	7.4	2.354	0	274,514	11.4	264
5/22/2025	21:45:00	7.4	2.305	0	274,562	11.4	112
5/22/2025	22:00:00	7.4	2.347	0	274,590	11.3	112
5/22/2025	22:15:00	7.4	2.294	0	274,625	11.5	266
5/22/2025	22:30:00	7.3	2.252	0	274,659	11.5	266
5/22/2025	22:45:00	7.3	2.339	0	274,690	11.6	264
5/22/2025	23:45:00	7.4	2.241	0	274,710	11.6	267
5/23/2025	0:00:00	7.4	1.681	0	274,743	11.5	266
5/23/2025	0:15:00	7.4	2.267	0	274,774	11.4	266
5/23/2025	0:45:00	7.4	2.339	0	274,797	11.4	112
5/23/2025	1:15:00	7.4	2.248	0	274,839	11.4	112
5/23/2025	1:30:00	7.4	1.707	0	274,870	11.5	112
5/23/2025	1:45:00	7.4	2.248	0	274,903	11.4	112
5/23/2025	2:15:00	7.4	1.794	0	274,948	11.5	114
5/23/2025	2:30:00	7.5	2.279	0	274,982	11.5	114
5/23/2025	2:45:00	7.5	2.313	0	275,012	11.6	114
5/23/2025	3:00:00	7.5	1.756	0	275,045	11.6	264

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/23/2025	3:15:00	7.4	2.233	0	275,074	11.6	264
5/23/2025	3:45:00	7.4	1.677	0	275,107	11.7	266
5/23/2025	4:00:00	7.4	2.229	0	275,137	11.5	268
5/23/2025	4:15:00	7.4	1.385	0	275,168	11.6	114
5/23/2025	4:30:00	7.4	2.229	0	275,198	11.6	264
5/23/2025	4:45:00	7.4	2.233	0	275,228	11.7	264
5/23/2025	5:00:00	7.4	2.229	0	275,258	11.8	266
5/23/2025	5:30:00	7.4	1.775	0	275,295	11.7	266
5/23/2025	5:45:00	7.4	2.214	0	275,328	11.5	114
5/23/2025	6:00:00	7.4	2.245	0	275,358	11.6	114
5/23/2025	6:15:00	7.4	1.726	0	275,390	11.7	115
5/23/2025	6:30:00	7.4	2.207	0	275,421	11.7	114
5/23/2025	6:45:00	7.4	2.142	0	275,454	11.7	114
5/23/2025	7:15:00	7.4	0.871	5.2	275,485	11.7	114
5/23/2025	7:30:00	7.4	2.290	0	275,510	11.6	114
5/23/2025	7:45:00	7.4	2.222	0	275,544	11.7	114
5/23/2025	8:00:00	7.4	2.173	0	275,577	11.7	115
5/23/2025	8:15:00	7.4	2.176	0	275,603	11.7	114
5/23/2025	8:30:00	7.4	2.173	0	275,615	11.7	114
5/23/2025	8:45:00	7.4	2.059	0	275,647	11.7	114
5/23/2025	9:00:00	7.4	2.176	0	275,670	11.6	114
5/23/2025	9:15:00	7.4	2.135	0	275,691	12.1	277
5/23/2025	9:30:00	7.3	2.180	0	275,724	11.8	114
5/23/2025	9:45:00	7.5	2.089	0	275,738	12	114
5/23/2025	10:00:00	7.4	2.017	2.7	275,766	11.8	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/23/2025	10:30:00	7.4	0.765	5.1	275,800	12.1	263
5/23/2025	10:45:00	7.4	2.536	4.1	275,820	12	114
5/23/2025	11:00:00	7.4	2.377	5.7	275,857	12.2	263
5/23/2025	11:15:00	7.4	2.233	3.2	275,892	12.1	114
5/23/2025	11:30:00	7.4	2.195	4.4	275,925	12.1	114
5/23/2025	12:00:00	7.4	2.339	1.8	275,978	12.2	114
5/23/2025	12:15:00	7.5	2.294	1.7	276,013	12.4	114
5/23/2025	12:30:00	7.4	2.195	0.9	276,047	12.6	116
5/23/2025	12:45:00	7.4	2.120	2.9	276,079	13.4	116
5/23/2025	13:00:00	7.4	1.802	4.6	276,105	12.4	116
5/23/2025	13:15:00	7.4	2.002	1.9	276,128	12.4	115
5/23/2025	13:30:00	7.4	1.601	7.4	276,159	12.4	114
5/23/2025	13:45:00	7.4	0.931	1.5	276,170	12.4	114
5/23/2025	14:00:00	7.4	2.207	1.7	276,192	12.4	114
5/23/2025	14:15:00	7.4	2.135	3	276,225	12.4	114
5/23/2025	14:30:00	7.4	0.556	0.8	276,253	12.5	114
5/23/2025	14:45:00	7.4	1.949	1.8	276,268	12.4	116
5/23/2025	15:00:00	7.4	1.908	1.8	276,297	12.4	116
5/23/2025	15:15:00	7.4	2.063	2.4	276,327	12.5	116
5/23/2025	15:30:00	7.4	2.014	4.3	276,358	12.6	117
5/23/2025	15:45:00	7.4	1.957	2	276,387	12.7	263
5/23/2025	16:00:00	7.4	2.309	3.6	276,420	12.5	263
5/23/2025	16:15:00	7.4	2.195	3.4	276,454	12.4	114
5/23/2025	16:30:00	7.3	0.659	0.8	276,475	12.2	114
5/23/2025	16:45:00	7.4	2.256	2.4	276,506	12.4	263

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/23/2025	17:00:00	7.4	2.203	12.3	276,540	12.6	264
5/23/2025	17:15:00	7.4	0.609	4.7	276,568	12.7	266
5/23/2025	17:30:00	7.4	2.464	3.4	276,597	12.6	266
5/23/2025	17:45:00	7.4	2.328	3	276,632	12.6	266
5/23/2025	18:00:00	7.4	0.424	1.7	276,660	12.6	263
5/23/2025	18:15:00	7.4	2.267	0.5	276,690	12.6	121
5/23/2025	18:30:00	7.4	2.207	0.1	276,723	12.7	121
5/23/2025	18:45:00	7.4	2.173	0	276,750	12.6	122
5/23/2025	19:00:00	7.4	0.753	0	276,773	12.3	122
5/23/2025	19:15:00	7.3	2.025	0.6	276,786	12.8	268
5/23/2025	19:30:00	7.4	2.294	1.4	276,816	12.2	118
5/23/2025	19:45:00	7.4	2.241	1	276,850	12.1	116
5/23/2025	20:00:00	7.4	2.192	0.9	276,883	12	116
5/23/2025	20:15:00	7.4	2.131	1.4	276,915	11.9	114
5/23/2025	20:30:00	7.4	2.067	1.5	276,947	11.9	114
5/23/2025	20:45:00	7.4	2.033	1.1	276,978	11.9	114
5/23/2025	21:00:00	7.4	2.036	4.3	276,993	12	114
5/23/2025	21:15:00	7.4	1.961	2.6	277,023	11.9	114
5/23/2025	21:30:00	7.4	2.392	1.1	277,043	11.8	113
5/23/2025	21:45:00	7.4	2.316	1.1	277,079	11.7	113
5/23/2025	22:00:00	7.4	2.301	1.8	277,109	11.7	113
5/23/2025	22:15:00	7.4	2.237	1.4	277,137	11.6	113
5/23/2025	22:30:00	7.4	2.260	2.8	277,148	11.8	112
5/23/2025	22:45:00	7.4	2.263	7.4	277,177	11.7	113
5/23/2025	23:00:00	7.4	2.260	2.3	277,190	11.7	114

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/23/2025	23:15:00	7.4	1.090	12	277,217	11.7	112
5/23/2025	23:30:00	7.4	2.290	1.3	277,249	11.7	114
5/23/2025	23:45:00	7.4	2.248	2.4	277,277	11.7	112
5/24/2025	0:00:00	7.4	1.605	7.3	277,308	11.7	112
5/24/2025	0:15:00	7.4	2.301	1.9	277,338	11.6	112
5/24/2025	0:30:00	7.4	2.286	1.2	277,368	11.6	112
5/24/2025	0:45:00	7.4	2.286	1.6	277,398	11.6	112
5/24/2025	1:00:00	7.4	2.241	1.9	277,427	11.6	112
5/24/2025	1:15:00	7.4	2.180	12.1	277,454	11.5	112
5/24/2025	1:30:00	7.4	1.612	3.8	277,484	11.4	111
5/24/2025	2:00:00	7.4	2.260	1.8	277,519	11.3	111
5/24/2025	2:15:00	7.4	0.984	12.5	277,546	11.3	113
5/24/2025	2:30:00	7.4	2.279	2.3	277,577	11.3	113
5/24/2025	2:45:00	7.4	1.734	19	277,606	11.3	114
5/24/2025	3:00:00	7.4	1.601	5	277,638	11.4	266
5/24/2025	3:45:00	7.3	1.707	7.6	277,646	11.6	266
5/24/2025	4:00:00	7.3	1.590	2.3	277,677	11.5	266
5/24/2025	4:15:00	7.3	2.207	2.4	277,707	11.5	266
5/24/2025	4:30:00	7.2	2.237	4.6	277,735	11.5	266
5/24/2025	4:45:00	7.2	0.681	8.6	277,760	11.4	112
5/24/2025	5:15:00	7.3	2.275	8.9	277,808	11.4	112
5/24/2025	5:30:00	7.3	1.749	14.3	277,839	11.4	112
5/24/2025	5:45:00	7.3	2.301	2.3	277,861	11.3	112
5/24/2025	6:00:00	7.3	2.237	2.6	277,893	11.4	113
5/24/2025	6:15:00	7.3	2.320	3.3	277,918	11.3	113

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/24/2025	6:30:00	7.4	2.248	4.3	277,953	11.3	113
5/24/2025	6:45:00	7.3	1.306	9.4	277,980	11.3	112
5/24/2025	7:15:00	7.3	2.290	1.2	278,010	11.3	112
5/24/2025	7:30:00	7.3	1.158	6.3	278,037	11.2	112
5/24/2025	7:45:00	7.3	2.214	1.7	278,070	11.2	112
5/24/2025	8:00:00	7.3	2.324	2.2	278,094	11.2	112
5/24/2025	8:30:00	7.3	1.665	7.6	278,134	11.3	112
5/24/2025	8:45:00	7.3	2.188	5.4	278,167	11.3	112
5/24/2025	9:00:00	7.4	0.768	7.1	278,194	11.3	112
5/24/2025	9:15:00	7.2	2.195	1	278,208	11.8	270
5/24/2025	9:30:00	7.2	2.282	0.4	278,241	12.1	266
5/24/2025	9:45:00	7.2	2.180	0.4	278,274	12.3	266
5/24/2025	10:00:00	7.3	0.522	3.9	278,301	11.6	114
5/24/2025	10:15:00	7.3	2.415	3.6	278,320	11.6	113
5/24/2025	10:30:00	7.3	2.324	3	278,356	11.6	114
5/24/2025	10:45:00	7.3	2.192	2.5	278,389	11.7	114
5/24/2025	11:00:00	7.4	1.548	6	278,411	11.9	114
5/24/2025	11:15:00	7.4	2.396	2.5	278,441	12	114
5/24/2025	11:30:00	7.4	2.279	2.5	278,465	12.1	114
5/24/2025	11:45:00	7.3	1.469	2.6	278,493	12.4	114
5/24/2025	12:00:00	7.4	0.761	3.4	278,515	12.2	114
5/24/2025	12:15:00	7.4	2.059	8.8	278,537	12.6	114
5/24/2025	12:30:00	7.4	2.059	1	278,567	12.5	114
5/24/2025	12:45:00	7.3	1.976	0.7	278,598	13	261
5/24/2025	13:00:00	7.4	1.147	65.3	278,618	12.4	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/24/2025	13:15:00	7.4	2.116	2.5	278,647	13	261
5/24/2025	13:30:00	7.4	2.033	1.1	278,679	13.2	259
5/24/2025	13:45:00	7.3	2.033	1	278,709	13	261
5/24/2025	14:00:00	7.4	2.044	9	278,719	12.6	114
5/24/2025	14:15:00	7.4	2.120	2.1	278,752	12.9	260
5/24/2025	14:30:00	7.4	2.040	2.3	278,781	12.9	259
5/24/2025	14:45:00	7.4	1.185	1.9	278,808	13.3	260
5/24/2025	15:00:00	7.4	2.086	2.4	278,835	13	262
5/24/2025	15:15:00	7.3	1.980	1.9	278,865	13.1	260
5/24/2025	15:30:00	7.3	1.889	1.3	278,894	13.1	260
5/24/2025	15:45:00	7.3	1.382	4.7	278,914	13.6	262
5/24/2025	16:00:00	7.3	2.082	0.7	278,946	12.6	114
5/24/2025	16:15:00	7.3	1.968	1	278,976	12.5	114
5/24/2025	16:30:00	7.4	2.324	1.3	278,998	13	114
5/24/2025	16:45:00	7.4	2.282	1.1	279,023	12.5	114
5/24/2025	17:00:00	7.4	2.146	0.9	279,055	12.7	261
5/24/2025	17:15:00	7.5	2.260	14.5	279,078	12.7	269
5/24/2025	17:30:00	7.6	2.214	11.5	279,104	12.5	267
5/24/2025	17:45:00	7.6	1.298	32.9	279,136	12.5	263
5/24/2025	18:00:00	7.6	1.317	0.2	279,155	12.4	261
5/24/2025	18:15:00	7.6	2.033	1.7	279,165	12.4	265
5/24/2025	18:30:00	7.5	2.051	0.3	279,197	13.2	268
5/24/2025	18:45:00	7.5	2.358	0.9	279,228	12.5	265
5/24/2025	19:00:00	7.4	2.290	0.7	279,263	12.5	265
5/24/2025	19:15:00	7.5	1.692	4.5	279,293	12.2	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	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/24/2025	19:30:00	7.4	1.961	0.1	279,322	12.5	263
5/24/2025	20:00:00	7.4	1.257	4.6	279,370	12.3	114
5/24/2025	20:15:00	7.5	2.165	3.4	279,395	12.4	114
5/24/2025	20:30:00	7.5	2.150	6.2	279,427	12.3	114
5/24/2025	20:45:00	7.5	2.139	5.9	279,459	12.3	114
5/24/2025	21:00:00	7.5	2.165	4.8	279,479	12.1	113
5/24/2025	21:15:00	7.5	2.169	3.7	279,503	12	112
5/24/2025	21:30:00	7.5	2.248	2.1	279,530	12	112
5/24/2025	21:45:00	7.5	2.214	1.7	279,563	12	112
5/24/2025	22:00:00	7.5	0.560	6.5	279,583	12.2	261
5/24/2025	22:15:00	7.5	1.559	5.7	279,607	11.9	112
5/24/2025	22:30:00	7.5	2.373	2.1	279,639	12	261
5/24/2025	22:45:00	7.5	2.358	1.5	279,675	12	262
5/24/2025	23:15:00	7.5	2.403	5.1	279,710	12.4	266
5/24/2025	23:30:00	7.5	1.874	1.2	279,741	12	262
5/24/2025	23:45:00	7.5	2.396	1.3	279,772	12	266
5/25/2025	0:00:00	7.5	2.385	1.1	279,805	12	266
5/25/2025	0:30:00	7.5	2.392	1.4	279,847	12.2	266
5/25/2025	0:45:00	7.5	2.388	1.6	279,879	12.1	266
5/25/2025	1:45:00	7.4	2.233	6.5	279,901	11.9	264
5/25/2025	2:00:00	7.5	0.802	3.8	279,926	11.9	264
5/25/2025	2:15:00	7.5	2.419	2.4	279,947	12	266
5/25/2025	2:30:00	7.5	2.494	2.3	279,983	12	266
5/25/2025	2:45:00	7.5	1.730	4.6	280,019	12	267
5/25/2025	3:15:00	7.5	2.472	1	280,068	11.9	264

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/25/2025	3:30:00	7.5	1.139	0.8	280,098	11.9	264
5/25/2025	3:45:00	7.6	2.400	2	280,131	11.8	266
5/25/2025	4:15:00	7.6	1.173	3	280,165	12	269
5/25/2025	4:30:00	7.6	2.396	2.5	280,197	11.9	271
5/25/2025	5:00:00	7.5	2.377	1.9	280,250	11.7	267
5/25/2025	5:30:00	7.5	1.840	0.1	280,296	11.7	267
5/25/2025	5:45:00	7.5	2.411	0.3	280,325	11.6	264
5/25/2025	6:00:00	7.5	2.403	1.1	280,348	12	264
5/25/2025	6:15:00	7.4	2.358	0.5	280,383	11.6	266
5/25/2025	6:45:00	7.4	2.396	0.3	280,429	11.6	264
5/25/2025	7:00:00	7.4	1.991	0	280,460	11.6	264
5/25/2025	7:30:00	7.3	2.422	0.5	280,500	11.4	114
5/25/2025	7:45:00	7.3	2.381	7.7	280,536	11.4	112
5/25/2025	8:00:00	7.3	1.790	4	280,568	11.4	112
5/25/2025	8:30:00	7.3	2.332	1.5	280,609	11.4	114
5/25/2025	8:45:00	7.4	2.297	2.4	280,644	11.5	114
5/25/2025	9:00:00	7.4	1.264	0.4	280,668	11.6	114
5/25/2025	9:30:00	7.4	2.192	1.3	280,714	11.7	114
5/25/2025	10:15:00	7.4	2.104	0.8	280,790	11.7	114
5/25/2025	10:30:00	7.3	2.169	0	280,822	12	115
5/25/2025	10:45:00	7.3	2.146	0	280,855	12.8	263
5/25/2025	11:00:00	7.3	1.064	13.7	280,876	11.9	114
5/25/2025	11:30:00	7.3	2.207	1.6	280,918	12	261
5/25/2025	11:45:00	7.3	2.207	0.7	280,951	12.1	261
5/25/2025	12:15:00	7.3	2.112	1.1	280,993	12.6	261

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/25/2025	12:30:00	7.3	2.097	0.1	281,024	12.1	114
5/25/2025	12:45:00	7.3	1.117	0.5	281,049	12.5	114
5/25/2025	13:00:00	7.3	2.237	0.7	281,065	12.8	114
5/25/2025	13:15:00	7.3	2.199	0.2	281,098	12.2	114
5/25/2025	13:30:00	7.3	2.173	0.8	281,131	12.3	114
5/25/2025	13:45:00	7.3	2.169	0.1	281,164	12.3	114
5/25/2025	14:00:00	7.3	2.150	0	281,196	12.3	114
5/25/2025	14:15:00	7.3	1.128	0	281,211	12.9	114
5/25/2025	14:30:00	7.3	2.226	0.2	281,234	12.5	114
5/25/2025	14:45:00	7.3	2.192	0	281,267	12.4	114
5/25/2025	15:15:00	7.3	2.176	0.6	281,317	12.3	114
5/25/2025	15:30:00	7.3	2.199	0	281,347	12.4	114
5/25/2025	15:45:00	7.3	2.157	0.2	281,380	12.5	114
5/25/2025	16:00:00	7.3	2.165	0.4	281,397	12.5	114
5/25/2025	16:15:00	7.3	1.151	0	281,423	12.9	114
5/25/2025	16:30:00	7.3	2.233	0.2	281,449	12.6	260
5/25/2025	16:45:00	7.4	2.192	1.5	281,482	12.7	260
5/25/2025	17:00:00	7.4	2.218	2	281,502	12.8	261
5/25/2025	17:15:00	7.4	1.215	0.9	281,532	12.8	262
5/25/2025	17:30:00	7.4	2.180	1.2	281,554	12.6	262
5/25/2025	17:45:00	7.3	2.214	0.6	281,583	12.6	262
5/25/2025	18:00:00	7.3	1.241	0.1	281,613	12.6	114
5/25/2025	18:15:00	7.3	2.207	0.2	281,643	12.6	261
5/25/2025	18:45:00	7.4	2.188	0.8	281,693	12.6	261
5/25/2025	19:00:00	7.4	2.176	0.5	281,725	12.4	261

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/25/2025	19:15:00	7.3	1.188	2	281,741	12.6	261
5/25/2025	19:30:00	7.3	2.226	1.1	281,765	12.4	262
5/25/2025	19:45:00	7.3	2.188	1.6	281,798	12.1	114
5/25/2025	20:00:00	7.3	0.590	1.2	281,821	12.6	263
5/25/2025	20:15:00	7.3	2.241	6.1	281,831	13.3	263
5/25/2025	20:30:00	7.3	1.722	2.1	281,860	12.5	261
5/25/2025	21:00:00	7.3	2.297	1	281,886	12.4	263
5/25/2025	21:15:00	7.4	2.290	1.1	281,920	12.4	261
5/25/2025	21:30:00	7.3	2.525	1.9	281,958	12.3	263
5/25/2025	21:45:00	7.3	2.479	1.4	281,995	12.3	262
5/25/2025	22:00:00	7.4	2.419	2.1	282,025	12.4	267
5/25/2025	22:15:00	7.4	2.400	4.3	282,061	12.6	272
5/25/2025	22:30:00	7.4	2.426	3.7	282,075	12.7	276
5/25/2025	22:45:00	7.5	1.404	0.6	282,106	12.7	279
5/25/2025	23:15:00	7.4	2.434	2.7	282,133	12.6	276
5/25/2025	23:30:00	7.4	2.392	1.1	282,169	12.4	274
5/25/2025	23:45:00	7.4	1.794	7.3	282,203	12.3	272

Table 3. In-Situ Parameters

Date	Time	Temperature °C	DO mg/L	Conductivity SPC-uS/cm	SAL-ppt	pH	ORP (mV)	NTU
05/19/2025	07:13:20PM	12.6	11.44	155.0	0.07	7.27	253.6	0.77
05/20/2025	03:28:46PM	11.8	10.74	161.2	0.08	7.51	214.1	3.50
05/21/2025	12:45:35PM	12.4	10.26	176.2	0.08	7.59	185.2	1.00
05/22/2025	05:21:37PM	12.1	10.28	151.6	0.07	7.43	192.6	2.67
05/23/2025	09:04:38AM	11.9	11.53	131.7	0.06	7.95	224.5	2.62
05/24/2025	02:27:15PM	13.2	10.73	131.2	0.06	7.58	132.6	2.45
05/25/2025	06:39:25PM	18.0	7.23	151.5	0.07	7.31	247.6	0.13

3. Calibration Log:

Table 4. Calibration Log

Date	Unit	pH	Conductivity/Temp.	Salinity	NTU
5/21/2025	YSI	✓	✓	✓	✓
5/21/2025	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)
5/19/2025	0:00:00	7.5	1.768	0.5	264,511	Open	11.9	269
5/19/2025	0:15:00	7.5	0.246	0.2	264,535	Open	12.1	268
5/19/2025	0:30:00	7.5	0.178	0.2	264,559	Open	11.9	268
5/19/2025	0:45:00	7.5	1.866	0.6	264,578	Open	11.8	266
5/19/2025	1:00:00	7.5	2.559	0.1	264,616	Open	11.7	266
5/19/2025	1:15:00	7.5	0.583	0	264,653	Open	11.9	268
5/19/2025	1:30:00	7.5	2.006	0	264,674	Open	11.9	271
5/19/2025	1:45:00	7.5	2.555	0	264,711	Open	11.8	268
5/19/2025	2:00:00	7.5	2.509	0.3	264,750	Open	11.9	268
5/19/2025	2:15:00	7.5	1.980	0.4	264,769	Open	12	269
5/19/2025	2:30:00	7.2	2.540	0.4	264,790	Open	11.8	269
5/19/2025	2:45:00	7.5	0.193	0.4	264,812	Open	12	268
5/19/2025	3:00:00	7.5	1.934	0.5	264,831	Open	11.6	268
5/19/2025	3:15:00	7.5	2.559	0.1	264,855	Open	11.5	266
5/19/2025	3:30:00	7.5	2.532	0.2	264,894	Open	11.5	115
5/19/2025	3:45:00	7.5	1.915	0.6	264,914	Open	11.6	264
5/19/2025	4:00:00	7.4	2.551	0.6	264,951	Open	11.6	268
5/19/2025	4:15:00	7.5	2.532	0.5	264,974	Open	11.6	266
5/19/2025	4:30:00	7.4	1.378	0.4	264,991	Open	12	269
5/19/2025	4:45:00	7.5	0.140	0.6	265,013	Open	11.8	268
5/19/2025	5:00:00	7.5	2.513	0.7	265,038	Open	11.5	269
5/19/2025	5:15:00	7.6	1.942	0.6	265,072	Open	11.5	268
5/19/2025	5:30:00	7.5	0.295	0.6	265,092	Open	11.8	268
5/19/2025	5:45:00	7.5	2.528	0.4	265,129	Open	11.5	266
5/19/2025	6:00:00	7.5	1.976	0.7	265,163	Open	11.5	266

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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)
5/19/2025	6:15:00	7.5	2.544	0.4	265,187	Open	11.4	266
5/19/2025	6:30:00	7.5	0.185	0.2	265,217	Open	11.5	266
5/19/2025	6:45:00	7.5	1.915	0.3	265,233	Open	11.4	267
5/19/2025	7:00:00	7.5	2.544	0.1	265,253	Open	11.4	114
5/19/2025	7:15:00	7.5	1.980	0	265,291	Open	11.4	116
5/19/2025	7:30:00	7.5	1.832	0	265,311	Open	11.4	116
5/19/2025	7:45:00	7.5	0.201	0.5	265,337	Open	11.5	114
5/19/2025	8:00:00	7.5	2.430	0.2	265,361	Open	11.2	114
5/19/2025	8:15:00	7.5	0.549	1.1	265,392	Open	11.1	114
5/19/2025	8:30:00	7.5	2.438	0.4	265,418	Open	11	113
5/19/2025	8:45:00	7.5	2.419	0.3	265,441	Open	11	111
5/19/2025	9:00:00	7.5	1.836	1.4	265,473	Open	11.1	112
5/19/2025	9:15:00	7.5	2.434	0.6	265,509	Open	11.1	112
5/19/2025	9:30:00	7.3	2.222	0.7	265,523	Closed	11.2	265
5/19/2025	9:45:00	7.5	1.866	0.9	265,523	Closed	11.1	112
5/19/2025	10:00:00	7.5	0.590	0.7	265,537	Closed	11.1	111
5/19/2025	10:15:00	7.5	2.396	0.7	265,564	Open	11	111
5/19/2025	10:30:00	7.5	0.537	3.3	265,594	Closed	11	111
5/19/2025	10:45:00	7.5	2.426	1.3	265,613	Open	11	113
5/19/2025	11:00:00	7.4	2.540	5.7	265,629	Open	11.1	114
5/19/2025	11:15:00	7.6	1.593	2.8	265,658	Open	11.2	116
5/19/2025	11:30:00	7.3	2.154	0.6	265,689	Open	11.2	117
5/19/2025	11:45:00	7.5	2.135	1.4	265,721	Open	11.2	116
5/19/2025	12:00:00	7.5	2.120	0.5	265,753	Open	11.2	116
5/19/2025	12:15:00	7.5	0.401	1	265,784	Closed	11.3	116
5/19/2025	12:30:00	7.5	1.605	9.7	265,789	Open	11.3	114

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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)
5/19/2025	12:45:00	7.5	2.157	0.3	265,818	Open	11.4	114
5/19/2025	13:00:00	7.6	0.836	11.7	265,820	Closed	11.8	268
5/19/2025	13:15:00	7.4	2.192	1.8	265,843	Open	11.5	337
5/19/2025	13:30:00	7.5	2.419	1.2	265,880	Open	11.4	291
5/19/2025	13:45:00	7.5	2.415	6.6	265,916	Open	11.4	276
5/19/2025	14:00:00	7.5	2.388	1.8	265,952	Open	11.4	271
5/19/2025	14:15:00	7.5	2.430	1.4	265,983	Open	11.4	268
5/19/2025	14:30:00	7.4	2.407	1.3	266,019	Open	11.4	268
5/19/2025	14:45:00	7.4	2.385	3	266,055	Open	11.4	271
5/19/2025	15:00:00	7.4	2.377	2.8	266,091	Open	11.5	272
5/19/2025	15:15:00	7.5	2.415	1.3	266,122	Open	11.5	272
5/19/2025	15:30:00	7.4	2.419	1.7	266,143	Open	11.8	275
5/19/2025	15:45:00	7.5	2.403	3.1	266,179	Open	11.5	273
5/19/2025	16:00:00	7.3	2.385	1.7	266,215	Open	11.6	269
5/19/2025	16:15:00	7.6	0.132	1.9	266,220	Closed	12	269
5/19/2025	16:30:00	7.6	1.677	2.6	266,240	Open	11.7	269
5/19/2025	16:45:00	7.5	0.000	2.6	266,261	Closed	11.9	266
5/19/2025	17:00:00	7	1.041	1	266,287	Open	11.7	277
5/19/2025	17:15:00	7.2	2.237	1.1	266,310	Open	11.7	267
5/19/2025	17:30:00	7.5	2.180	0.7	266,335	Open	11.6	117
5/19/2025	17:45:00	7.5	1.234	1.8	266,363	Closed	11.7	267
5/19/2025	18:00:00	7.3	1.980	1.3	266,393	Open	11.7	267
5/19/2025	18:15:00	7.3	2.029	1.2	266,422	Open	11.6	266
5/19/2025	18:30:00	7.3	1.264	65.4	266,444	Closed	12	118
5/19/2025	18:45:00	7.5	2.101	2.3	266,464	Open	12.1	119
5/19/2025	19:00:00	7.5	0.307	2.4	266,487	Open	12.4	121

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/19/2025	19:15:00	7.4	2.169	3.5	266,517	Open	11.9	118
5/19/2025	19:30:00	7.5	2.093	8.1	266,540	Open	11.7	117
5/19/2025	19:45:00	7.5	2.192	7.6	266,573	Open	11.6	117
5/19/2025	20:00:00	7.5	1.030	16.7	266,604	Open	11.6	116
5/19/2025	20:15:00	7.5	2.169	0	266,629	Open	13	116
5/19/2025	20:30:00	7.6	2.161	1.6	266,662	Open	11.4	114
5/19/2025	20:45:00	7.6	2.131	1.7	266,694	Open	11.3	114
5/19/2025	21:00:00	7.6	2.127	0.9	266,720	Open	11.4	114
5/19/2025	21:15:00	7.7	2.154	1.7	266,752	Open	11.2	114
5/19/2025	21:30:00	7.6	2.127	2.1	266,785	Open	11.3	114
5/19/2025	21:45:00	7.6	1.408	1.5	266,813	Open	11.9	114
5/19/2025	22:00:00	7.6	2.483	2.1	266,844	Open	11.2	114
5/19/2025	22:15:00	7.6	2.468	1.5	266,881	Open	11.1	113
5/19/2025	22:30:00	7.6	2.445	2.4	266,918	Open	11.1	113
5/19/2025	22:45:00	7.6	2.551	1.4	266,945	Open	11.1	114
5/19/2025	23:00:00	7.6	2.464	1.8	266,983	Open	11.1	114
5/19/2025	23:15:00	7.6	2.369	11.3	267,019	Open	11.1	267
5/19/2025	23:30:00	7.6	0.144	4.5	267,026	Open	11.5	266
5/19/2025	23:45:00	7.6	1.317	12.2	267,046	Open	11	113
5/20/2025	0:00:00	7.6	2.562	1.6	267,081	Open	11	113
5/20/2025	0:15:00	7.6	2.521	1.5	267,119	Open	11.1	114
5/20/2025	0:30:00	7.6	2.347	5	267,156	Open	11.1	113
5/20/2025	0:45:00	7.5	0.182	4.6	267,170	Open	11.5	266
5/20/2025	1:00:00	7.6	2.517	2.1	267,196	Open	11.1	114
5/20/2025	1:15:00	7.5	2.453	2.5	267,233	Open	11.1	115
5/20/2025	1:30:00	7.5	2.544	5.1	267,247	Open	11.3	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/20/2025	1:45:00	7.5	2.472	1.6	267,269	Open	11.2	114
5/20/2025	2:00:00	7.6	2.411	3.9	267,305	Open	11.2	266
5/20/2025	2:15:00	7.6	1.866	3	267,339	Open	11.3	267
5/20/2025	2:30:00	7.6	2.491	1	267,362	Open	11.2	267
5/20/2025	2:45:00	7.7	2.441	15.3	267,398	Open	11.2	267
5/20/2025	3:00:00	7.6	0.178	1.3	267,424	Open	11.4	267
5/20/2025	3:15:00	7.6	2.528	0.8	267,445	Open	11.2	264
5/20/2025	3:30:00	7.6	2.494	3	267,467	Open	11.1	114
5/20/2025	3:45:00	7.6	0.212	1.4	267,495	Open	11.4	267
5/20/2025	4:00:00	7.6	1.851	1.3	267,522	Open	11.3	267
5/20/2025	4:15:00	7.6	2.521	1	267,559	Open	11.1	267
5/20/2025	4:30:00	7.6	2.494	1.4	267,582	Open	11.4	269
5/20/2025	4:45:00	7.6	1.866	2.3	267,619	Open	11.2	268
5/20/2025	5:00:00	7.6	2.521	0.6	267,651	Open	11.1	114
5/20/2025	5:15:00	7.6	2.483	1	267,671	Open	11.1	114
5/20/2025	5:30:00	7.5	2.449	1	267,689	Open	11.3	114
5/20/2025	5:45:00	7.5	2.559	3	267,721	Open	11.3	114
5/20/2025	6:00:00	7.5	0.280	0.6	267,754	Open	11.3	114
5/20/2025	6:15:00	7.5	2.479	1.6	267,781	Open	11.3	114
5/20/2025	6:30:00	7.5	1.866	0.9	267,816	Open	11.4	114
5/20/2025	6:45:00	7.5	2.475	0.5	267,839	Open	11.3	116
5/20/2025	7:00:00	7.5	2.403	0.9	267,876	Open	11.3	116
5/20/2025	7:15:00	7.4	1.294	10.1	267,889	Open	11.4	116
5/20/2025	7:30:00	7.5	2.509	1.1	267,921	Open	11.1	114
5/20/2025	7:45:00	7.5	1.696	0.8	267,957	Open	11.1	114
5/20/2025	8:00:00	7.4	2.445	0.9	267,980	Open	11.1	114

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/20/2025	8:15:00	7.4	2.192	0.9	268,010	Open	11	114
5/20/2025	8:30:00	7.5	2.150	0.9	268,042	Open	11	114
5/20/2025	8:45:00	7.4	0.189	1	268,053	Open	11.4	116
5/20/2025	9:00:00	7.5	2.502	1.1	268,076	Open	11.3	114
5/20/2025	9:15:00	7.4	2.173	0.5	268,112	Open	11	268
5/20/2025	9:30:00	7.4	0.185	0.7	268,139	Open	11.2	266
5/20/2025	9:45:00	7.4	2.362	0.9	268,163	Open	11.1	266
5/20/2025	10:00:00	7.5	1.363	2.7	268,196	Open	11.2	266
5/20/2025	10:15:00	7.6	1.257	2.6	268,217	Open	11.1	113
5/20/2025	10:30:00	7.5	1.658	2.9	268,236	Open	11.2	267
5/20/2025	10:45:00	7.5	2.400	2.5	268,273	Open	11.4	266
5/20/2025	11:00:00	7.5	1.775	14.3	268,303	Open	11.7	266
5/20/2025	11:15:00	7.5	0.276	2.7	268,324	Open	11.8	266
5/20/2025	11:30:00	7.5	2.222	3.4	268,356	Open	11.5	267
5/20/2025	11:45:00	7.6	2.245	6.1	268,388	Open	11.5	267
5/20/2025	12:00:00	7.6	0.000	16.2	268,401	Closed	11.6	268
5/20/2025	12:15:00	7.6	2.305	5.5	268,435	Open	11.5	269
5/20/2025	12:30:00	7.6	2.048	6.9	268,462	Closed	11.6	269
5/20/2025	12:45:00	7.5	1.646	7.4	268,467	Open	11.7	271
5/20/2025	13:00:00	7.5	0.484	8.5	268,489	Closed	11.7	268
5/20/2025	13:15:00	7.5	2.025	10.8	268,502	Open	11.7	273
5/20/2025	13:30:00	7.5	2.173	5.6	268,518	Closed	12.1	274
5/20/2025	13:45:00	7.5	2.335	3.3	268,547	Open	11.8	272
5/20/2025	14:00:00	7.5	2.328	4.7	268,582	Open	11.9	272
5/20/2025	14:15:00	7.5	2.434	8.8	268,616	Open	11.9	271
5/20/2025	14:30:00	7.5	1.881	10.9	268,649	Open	12.2	268

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/20/2025	14:45:00	7.5	2.464	7	268,685	Open	11.9	269
5/20/2025	15:00:00	7.5	2.385	8.8	268,722	Open	11.9	267
5/20/2025	15:15:00	7.5	1.692	8.2	268,754	Open	12.1	269
5/20/2025	15:30:00	7.5	2.165	3.4	268,782	Open	12	267
5/20/2025	15:45:00	7.5	2.127	6	268,814	Open	12	266
5/20/2025	16:00:00	7.5	2.139	7.1	268,846	Open	12.2	268
5/20/2025	16:15:00	7.5	2.498	5.3	268,866	Open	12	268
5/20/2025	16:30:00	7.4	2.449	3.9	268,903	Open	12.1	268
5/20/2025	16:45:00	7.4	2.528	8.7	268,932	Open	12	269
5/20/2025	17:00:00	7.4	2.487	5.3	268,970	Open	12.1	268
5/20/2025	17:15:00	7.5	0.000	4.1	269,001	Closed	12.2	265
5/20/2025	17:30:00	7.5	2.468	4.9	269,025	Open	12.2	265
5/20/2025	17:45:00	7.4	2.445	6.2	269,062	Open	12.1	121
5/20/2025	18:00:00	7.4	0.000	4.4	269,074	Closed	12.3	119
5/20/2025	18:15:00	7.5	2.517	6	269,109	Open	11.9	119
5/20/2025	18:30:00	7.5	2.385	3.6	269,128	Open	12	264
5/20/2025	18:45:00	7.5	2.509	9	269,156	Open	12	119
5/20/2025	19:00:00	7.5	2.422	4.7	269,193	Open	11.8	119
5/20/2025	19:15:00	7.5	2.445	4.3	269,211	Open	12	119
5/20/2025	19:30:00	7.5	0.000	3.9	269,241	Closed	12.2	121
5/20/2025	19:45:00	7.5	2.388	4.8	269,271	Open	11.8	266
5/20/2025	20:00:00	7.6	1.128	12	269,289	Open	11.7	269
5/20/2025	20:15:00	7.6	2.339	3.8	269,313	Open	11.6	270
5/20/2025	20:30:00	7.5	2.392	7.8	269,344	Open	11.5	271
5/20/2025	20:45:00	7.5	2.154	37.9	269,368	Closed	11.5	273
5/20/2025	21:00:00	7.5	2.509	8.3	269,374	Open	11.5	276

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/20/2025	21:15:00	7.5	2.453	9.8	269,409	Open	11.5	276
5/20/2025	21:30:00	7.4	0.000	8	269,422	Closed	11.8	276
5/20/2025	21:45:00	7.5	1.881	13.2	269,439	Open	11.5	272
5/20/2025	22:00:00	7.5	2.419	6.6	269,476	Open	11.4	272
5/20/2025	22:15:00	7.5	2.385	8	269,512	Open	11.4	272
5/20/2025	22:30:00	7.5	1.575	36.6	269,546	Closed	11.4	272
5/20/2025	22:45:00	7.4	0.000	8.9	269,553	Closed	11.5	272
5/20/2025	23:00:00	7.5	2.449	4.4	269,566	Open	11.3	272
5/20/2025	23:15:00	7.5	2.400	9.2	269,602	Open	11.4	275
5/20/2025	23:30:00	7.5	0.182	12.3	269,627	Open	11.5	278
5/20/2025	23:45:00	7.5	2.498	7.7	269,644	Open	11.4	275
5/21/2025	0:00:00	7.5	1.268	8.1	269,666	Open	11.4	275
5/21/2025	0:15:00	7.5	2.513	4.8	269,700	Open	11.4	275
5/21/2025	0:30:00	7.5	2.468	3.6	269,738	Open	11.4	275
5/21/2025	0:45:00	7.5	1.957	5.7	269,772	Open	11.5	273
5/21/2025	1:00:00	7.5	2.449	6.1	269,807	Open	11.4	273
5/21/2025	1:15:00	7.5	0.163	4.1	269,833	Open	11.6	274
5/21/2025	1:30:00	7.5	2.377	3.5	269,853	Open	11.5	274
5/21/2025	1:45:00	7.5	2.460	3.4	269,885	Open	11.4	272
5/21/2025	2:00:00	7.5	2.407	10.9	269,921	Open	11.4	272
5/21/2025	2:15:00	7.5	0.170	3.2	269,937	Open	11.7	273
5/21/2025	2:30:00	7.5	1.870	13.4	269,960	Open	11.5	276
5/21/2025	2:45:00	7.5	2.400	4.2	269,996	Open	11.5	276
5/21/2025	3:00:00	7.5	2.347	6.6	270,032	Open	11.6	279
5/21/2025	3:15:00	7.5	1.768	6.4	270,066	Open	11.6	278
5/21/2025	3:30:00	7.5	2.362	5.3	270,098	Open	11.5	273

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/21/2025	3:45:00	7.4	0.000	5	270,109	Open	11.7	273
5/21/2025	4:00:00	7.5	2.297	6	270,135	Open	11.5	275
5/21/2025	4:15:00	7.5	2.392	3.2	270,166	Open	11.4	275
5/21/2025	4:30:00	7.4	2.320	3.8	270,201	Open	11.3	270
5/21/2025	4:45:00	7.4	2.214	2.1	270,235	Open	11.2	268
5/21/2025	5:00:00	7.4	1.851	15.2	270,267	Open	11.3	268
5/21/2025	5:15:00	7.4	1.128	6.9	270,296	Open	11.3	271
5/21/2025	5:30:00	7.4	2.366	2.8	270,315	Open	11.5	272
5/21/2025	5:45:00	7.5	2.275	10.1	270,344	Open	11.7	271
5/21/2025	6:00:00	7.5	2.339	3.5	270,372	Open	11.8	273
5/21/2025	6:15:00	7.4	0.390	2.2	270,401	Open	11.8	271
5/21/2025	6:30:00	7.4	0.140	3.3	270,403	Open	12.7	274
5/21/2025	6:45:00	7.4	2.347	1.5	270,434	Open	11.6	269
5/21/2025	7:00:00	7.4	1.325	5.3	270,463	Open	11.6	118
5/21/2025	7:15:00	7.4	2.445	1.8	270,498	Open	11.7	119
5/21/2025	7:30:00	7.4	2.377	11.5	270,535	Open	11.8	264
5/21/2025	7:45:00	7.4	0.159	9.2	270,563	Open	11.9	266
5/21/2025	8:00:00	7.4	2.279	9.8	270,572	Open	12.1	118
5/21/2025	8:15:00	7.4	2.248	2.7	270,606	Open	11.6	117
5/21/2025	8:30:00	7.3	2.123	2.5	270,621	Closed	11.5	117
5/21/2025	8:45:00	7.3	0.132	3.6	270,621	Closed	11.9	266
5/21/2025	9:00:00	7.3	2.248	2.8	270,639	Open	11.5	269
5/21/2025	9:15:00	7.3	1.313	7.3	270,668	Open	11.6	264
5/21/2025	9:30:00	7.4	0.110	3.2	270,684	Closed	11.7	116
5/21/2025	9:45:00	7.2	2.055	2.3	270,703	Open	11.7	262
5/21/2025	10:00:00	7.3	2.150	6.8	270,735	Open	11.5	114

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/21/2025	10:15:00	7.4	0.969	13.2	270,763	Open	11.5	113
5/21/2025	10:30:00	7.5	1.245	6.9	270,789	Closed	11.5	113
5/21/2025	10:45:00	7.5	2.282	4.3	270,814	Open	11.5	113
5/21/2025	11:00:00	7.5	2.203	4.4	270,847	Open	11.5	113
5/21/2025	11:15:00	7.5	2.335	5.1	270,866	Open	11.4	113
5/21/2025	11:30:00	7.4	2.150	1.3	270,890	Open	11.6	113
5/21/2025	11:45:00	7.4	2.093	1.7	270,922	Open	11.7	113
5/21/2025	12:00:00	7.4	2.040	2	270,953	Open	11.8	114
5/21/2025	12:15:00	7.4	0.666	1.6	270,975	Open	12	113
5/21/2025	12:30:00	7.5	0.852	53.1	270,982	Closed	11.8	114
5/21/2025	12:45:00	7.5	2.203	0.5	271,005	Open	11.9	114
5/21/2025	13:00:00	7.4	2.135	0.3	271,038	Open	12	113
5/21/2025	13:15:00	7.5	2.127	0.1	271,069	Open	12	114
5/21/2025	13:30:00	7.5	2.294	3.3	271,103	Open	12	114
5/21/2025	13:45:00	7.5	2.233	1.5	271,137	Open	11.9	114
5/21/2025	14:00:00	7.5	0.628	4.2	271,154	Open	11.8	114
5/21/2025	14:15:00	7.5	2.214	0.3	271,178	Open	12	114
5/21/2025	14:30:00	7.5	2.332	2.6	271,214	Open	12	114
5/21/2025	14:45:00	7.4	2.101	0.1	271,245	Open	12.3	114
5/21/2025	15:00:00	7.4	0.000	0.1	271,269	Closed	12.9	114
5/21/2025	15:15:00	7.4	2.256	6.2	271,285	Open	12.2	114
5/21/2025	15:30:00	7.5	2.195	6	271,307	Open	12	114
5/21/2025	15:45:00	7.5	2.245	5.7	271,339	Open	12.2	114
5/21/2025	16:00:00	7.5	2.388	7.1	271,375	Open	12.1	114
5/21/2025	16:15:00	7.5	2.188	7.5	271,409	Open	12.1	114
5/21/2025	16:30:00	7.5	1.646	5.9	271,440	Open	12.2	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/21/2025	16:45:00	7.4	2.120	3.4	271,469	Open	12.4	114
5/21/2025	17:00:00	7.5	2.146	5.1	271,492	Open	11.8	114
5/21/2025	17:15:00	7.5	2.403	5.2	271,527	Open	11.9	114
5/21/2025	17:30:00	7.5	2.123	11.5	271,561	Open	12.1	114
5/21/2025	17:45:00	7.5	1.457	4.7	271,589	Open	12.2	115
5/21/2025	18:00:00	7.4	2.241	3.9	271,622	Open	12	114
5/21/2025	18:15:00	7.4	2.422	7.6	271,656	Open	12	114
5/21/2025	18:30:00	7.4	2.339	1.6	271,691	Open	12	114
5/21/2025	18:45:00	7.4	0.000	4.3	271,718	Closed	12.1	114
5/21/2025	19:00:00	7.4	2.279	5.9	271,729	Open	12.2	114
5/21/2025	19:15:00	7.4	2.184	1.7	271,755	Open	11.8	113
5/21/2025	19:30:00	7.4	2.127	0.9	271,788	Open	11.6	113
5/21/2025	19:45:00	7.4	2.195	2.1	271,821	Open	11.6	112
5/21/2025	20:00:00	7.4	2.139	2.1	271,853	Open	11.6	114
5/21/2025	20:15:00	7.4	2.460	2.8	271,880	Open	11.3	113
5/21/2025	20:30:00	7.4	2.362	3.9	271,916	Open	11.4	114
5/21/2025	20:45:00	7.4	2.267	6.1	271,951	Open	11.4	114
5/21/2025	21:00:00	7.4	1.824	15.5	271,966	Open	11.5	114
5/21/2025	21:15:00	7.4	0.170	11.2	271,991	Open	11.6	114
5/21/2025	21:30:00	7.4	2.260	4.7	272,011	Open	11.5	113
5/21/2025	21:45:00	7.4	1.624	6.7	272,044	Open	11.3	112
5/21/2025	22:00:00	7.4	2.260	5.7	272,075	Open	11.3	112
5/21/2025	22:15:00	7.4	2.305	4.8	272,100	Open	11.3	112
5/21/2025	22:30:00	7.4	2.210	5.6	272,134	Open	11.2	111
5/21/2025	22:45:00	7.4	2.142	4.3	272,166	Open	11.2	111
5/21/2025	23:00:00	7.4	1.802	14	272,195	Open	11.2	112

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/21/2025	23:15:00	7.4	0.867	3.5	272,227	Open	11.1	111
5/21/2025	23:30:00	7.4	2.139	5.5	272,246	Open	11.1	111
5/21/2025	23:45:00	7.5	1.484	3.4	272,277	Open	11.2	112
5/22/2025	0:00:00	7.5	2.222	3.3	272,306	Open	11.3	112
5/22/2025	0:15:00	7.5	0.178	6.8	272,336	Open	11.2	112
5/22/2025	0:30:00	7.4	2.010	14.9	272,342	Open	11.5	266
5/22/2025	1:00:00	7.4	2.074	7.4	272,401	Open	11.2	112
5/22/2025	1:15:00	7.4	1.646	15.8	272,425	Open	11.1	112
5/22/2025	1:30:00	7.4	2.237	6.3	272,451	Open	11.1	112
5/22/2025	1:45:00	7.4	2.127	6.5	272,483	Open	11.1	112
5/22/2025	2:00:00	7.4	1.370	9.5	272,515	Open	11.1	112
5/22/2025	2:30:00	7.4	0.125	6.3	272,564	Open	11.1	112
5/22/2025	2:45:00	7.4	1.457	6.7	272,580	Open	11.1	112
5/22/2025	3:00:00	7.6	2.150	7.1	272,613	Open	11	270
5/22/2025	3:15:00	7.6	0.250	0.8	272,636	Open	11.3	270
5/22/2025	3:30:00	7.5	2.491	0.5	272,664	Open	11	270
5/22/2025	3:45:00	7.5	2.449	0.3	272,701	Open	11	270
5/22/2025	4:00:00	7.5	1.654	0.6	272,736	Open	11.1	270
5/22/2025	4:15:00	7.5	2.426	0.3	272,769	Open	11	268
5/22/2025	4:30:00	7.4	0.447	0.3	272,803	Open	11	270
5/22/2025	4:45:00	7.4	2.400	0.2	272,822	Open	10.9	268
5/22/2025	5:00:00	7.4	1.900	1.9	272,857	Open	10.9	268
5/22/2025	5:15:00	7.4	0.371	0.4	272,886	Open	11	267
5/22/2025	5:30:00	7.4	2.422	0.4	272,903	Open	11	111
5/22/2025	5:45:00	7.4	0.208	0.2	272,927	Open	11.1	111
5/22/2025	6:00:00	7.4	1.919	0.5	272,945	Open	11	111

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/22/2025	6:15:00	7.4	2.343	0.3	272,977	Open	10.9	111
5/22/2025	6:30:00	7.4	0.238	0.5	273,002	Open	11	110
5/22/2025	6:45:00	7.4	2.320	0.2	273,029	Open	10.8	111
5/22/2025	7:00:00	7.4	1.537	0.7	273,062	Open	10.8	112
5/22/2025	7:15:00	7.4	0.284	0.3	273,072	Open	11	111
5/22/2025	7:30:00	7.4	2.407	0.4	273,105	Open	10.8	112
5/22/2025	7:45:00	7.4	2.366	0.4	273,141	Open	10.8	111
5/22/2025	8:00:00	7.4	0.556	0.4	273,152	Closed	10.9	111
5/22/2025	8:15:00	7.4	2.195	0.4	273,173	Closed	10.9	111
5/22/2025	8:30:00	7.5	2.313	0.5	273,197	Open	10.9	111
5/22/2025	8:45:00	7.5	0.337	0.5	273,226	Closed	10.9	111
5/22/2025	9:00:00	7.5	0.265	2	273,229	Closed	11	111
5/22/2025	9:15:00	7.4	2.180	0.4	273,248	Open	11.1	111
5/22/2025	9:30:00	7.4	2.320	4.9	273,281	Open	11.2	111
5/22/2025	9:45:00	7.4	2.400	0	273,303	Open	11.4	112
5/22/2025	10:00:00	7.4	2.388	0	273,339	Open	11.3	112
5/22/2025	10:15:00	7.4	0.413	0	273,367	Open	11.3	112
5/22/2025	10:30:00	7.4	2.464	0	273,399	Open	11.3	112
5/22/2025	10:45:00	7.5	2.411	0	273,435	Open	11.4	112
5/22/2025	11:00:00	7.5	2.366	0	273,471	Open	11.4	112
5/22/2025	11:15:00	7.5	2.347	0	273,488	Open	11.5	112
5/22/2025	11:30:00	7.5	0.235	0	273,500	Closed	11.6	112
5/22/2025	11:45:00	7.5	2.604	0	273,518	Open	11.6	112
5/22/2025	12:00:00	7.6	2.536	0	273,556	Open	11.6	113
5/22/2025	12:15:00	7.6	2.491	0	273,594	Open	11.7	113
5/22/2025	12:30:00	7.6	2.388	0	273,631	Open	11.8	113

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/22/2025	12:45:00	7.6	2.192	0	273,658	Open	11.6	113
5/22/2025	13:00:00	7.6	0.201	0	273,679	Open	11.9	113
5/22/2025	13:15:00	7.6	2.176	0	273,704	Open	11.7	114
5/22/2025	13:30:00	7.6	0.182	0	273,712	Open	12.1	114
5/22/2025	13:45:00	7.7	2.260	0	273,739	Open	11.7	114
5/22/2025	14:00:00	7.7	2.218	0	273,772	Open	11.8	114
5/22/2025	14:15:00	7.7	2.176	0	273,805	Open	11.9	114
5/22/2025	14:30:00	7.7	0.132	0	273,824	Open	12.3	114
5/22/2025	14:45:00	7.7	2.165	0	273,843	Open	12.2	114
5/22/2025	15:00:00	7.7	2.074	0	273,856	Closed	12.2	263
5/22/2025	15:15:00	7.7	2.192	0	273,865	Open	12.3	263
5/22/2025	15:30:00	7.7	2.165	0	273,898	Open	12.2	263
5/22/2025	15:45:00	7.6	2.229	0	273,930	Open	12	263
5/22/2025	16:00:00	7.6	2.173	0	273,959	Open	11.9	114
5/22/2025	16:15:00	7.5	2.184	0	273,992	Open	11.8	114
5/22/2025	16:30:00	7.5	1.662	0	274,024	Open	11.8	114
5/22/2025	16:45:00	7.5	2.411	0	274,049	Open	11.6	114
5/22/2025	17:00:00	7.5	2.517	0	274,087	Open	11.6	114
5/22/2025	17:15:00	7.5	2.456	0	274,124	Open	11.7	114
5/22/2025	17:30:00	7.5	1.783	0	274,128	Closed	12	264
5/22/2025	17:45:00	7.5	2.441	0	274,159	Open	11.7	114
5/22/2025	18:00:00	7.5	0.000	0	274,176	Closed	11.9	114
5/22/2025	18:15:00	7.4	2.343	0	274,208	Open	11.6	114
5/22/2025	18:30:00	7.4	1.745	0	274,242	Open	11.5	114
5/22/2025	18:45:00	7.4	2.347	0	274,252	Open	11.5	114
5/22/2025	19:00:00	7.4	1.699	0	274,283	Open	11.5	114

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/22/2025	19:15:00	7.4	2.366	0	274,317	Open	11.5	114
5/22/2025	19:30:00	7.4	0.000	0	274,340	Closed	11.8	114
5/22/2025	19:45:00	7.5	2.347	0	274,355	Open	11.6	114
5/22/2025	20:00:00	7.5	1.559	0	274,385	Open	11.5	266
5/22/2025	20:15:00	7.5	2.328	0	274,418	Open	11.5	266
5/22/2025	20:30:00	7.5	2.328	0	274,432	Open	11.9	267
5/22/2025	20:45:00	7.5	2.301	0	274,467	Open	11.6	264
5/22/2025	21:00:00	7.4	0.000	0	274,488	Closed	11.7	264
5/22/2025	21:15:00	7.4	2.354	0	274,514	Open	11.4	264
5/22/2025	21:30:00	7.4	0.000	0	274,543	Closed	11.5	266
5/22/2025	21:45:00	7.4	2.305	0	274,562	Open	11.4	112
5/22/2025	22:00:00	7.4	2.347	0	274,590	Open	11.3	112
5/22/2025	22:15:00	7.4	2.294	0	274,625	Open	11.5	266
5/22/2025	22:30:00	7.3	2.252	0	274,659	Open	11.5	266
5/22/2025	22:45:00	7.3	2.339	0	274,690	Open	11.6	264
5/22/2025	23:00:00	7.3	2.192	0	274,703	Closed	11.6	264
5/22/2025	23:15:00	7.3	2.335	0	274,703	Closed	11.6	267
5/22/2025	23:30:00	7.3	2.388	0	274,703	Closed	11.7	266
5/22/2025	23:45:00	7.4	2.241	0	274,710	Open	11.6	267
5/23/2025	0:00:00	7.4	1.681	0	274,743	Open	11.5	266
5/23/2025	0:15:00	7.4	2.267	0	274,774	Open	11.4	266
5/23/2025	0:30:00	7.3	0.371	0	274,776	Closed	11.8	266
5/23/2025	0:45:00	7.4	2.339	0	274,797	Open	11.4	112
5/23/2025	1:00:00	7.4	0.318	0	274,822	Closed	11.5	264
5/23/2025	1:15:00	7.4	2.248	0	274,839	Open	11.4	112
5/23/2025	1:30:00	7.4	1.707	0	274,870	Open	11.5	112

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/23/2025	1:45:00	7.4	2.248	0	274,903	Open	11.4	112
5/23/2025	2:00:00	7.4	0.257	0	274,925	Closed	11.7	264
5/23/2025	2:15:00	7.4	1.794	0	274,948	Open	11.5	114
5/23/2025	2:30:00	7.5	2.279	0	274,982	Open	11.5	114
5/23/2025	2:45:00	7.5	2.313	0	275,012	Open	11.6	114
5/23/2025	3:00:00	7.5	1.756	0	275,045	Open	11.6	264
5/23/2025	3:15:00	7.4	2.233	0	275,074	Open	11.6	264
5/23/2025	3:30:00	7.4	0.159	0	275,103	Closed	11.5	264
5/23/2025	3:45:00	7.4	1.677	0	275,107	Open	11.7	266
5/23/2025	4:00:00	7.4	2.229	0	275,137	Open	11.5	268
5/23/2025	4:15:00	7.4	1.385	0	275,168	Open	11.6	114
5/23/2025	4:30:00	7.4	2.229	0	275,198	Open	11.6	264
5/23/2025	4:45:00	7.4	2.233	0	275,228	Open	11.7	264
5/23/2025	5:00:00	7.4	2.229	0	275,258	Open	11.8	266
5/23/2025	5:15:00	7.4	0.102	0	275,277	Closed	12	266
5/23/2025	5:30:00	7.4	1.775	0	275,295	Open	11.7	266
5/23/2025	5:45:00	7.4	2.214	0	275,328	Open	11.5	114
5/23/2025	6:00:00	7.4	2.245	0	275,358	Open	11.6	114
5/23/2025	6:15:00	7.4	1.726	0	275,390	Open	11.7	115
5/23/2025	6:30:00	7.4	2.207	0	275,421	Open	11.7	114
5/23/2025	6:45:00	7.4	2.142	0	275,454	Open	11.7	114
5/23/2025	7:00:00	7.4	0.117	0	275,473	Closed	12.1	114
5/23/2025	7:15:00	7.4	0.871	5.2	275,485	Open	11.7	114
5/23/2025	7:30:00	7.4	2.290	0	275,510	Open	11.6	114
5/23/2025	7:45:00	7.4	2.222	0	275,544	Open	11.7	114
5/23/2025	8:00:00	7.4	2.173	0	275,577	Open	11.7	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	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/23/2025	8:15:00	7.4	2.176	0	275,603	Open	11.7	114
5/23/2025	8:30:00	7.4	2.173	0	275,615	Open	11.7	114
5/23/2025	8:45:00	7.4	2.059	0	275,647	Open	11.7	114
5/23/2025	9:00:00	7.4	2.176	0	275,670	Open	11.6	114
5/23/2025	9:15:00	7.4	2.135	0	275,691	Open	12.1	277
5/23/2025	9:30:00	7.3	2.180	0	275,724	Open	11.8	114
5/23/2025	9:45:00	7.5	2.089	0	275,738	Open	12	114
5/23/2025	10:00:00	7.4	2.017	2.7	275,766	Open	11.8	114
5/23/2025	10:15:00	7.4	0.000	2.2	275,794	Closed	12	263
5/23/2025	10:30:00	7.4	0.765	5.1	275,800	Open	12.1	263
5/23/2025	10:45:00	7.4	2.536	4.1	275,820	Open	12	114
5/23/2025	11:00:00	7.4	2.377	5.7	275,857	Open	12.2	263
5/23/2025	11:15:00	7.4	2.233	3.2	275,892	Open	12.1	114
5/23/2025	11:30:00	7.4	2.195	4.4	275,925	Open	12.1	114
5/23/2025	11:45:00	7.4	0.999	1.1	275,948	Closed	12.1	114
5/23/2025	12:00:00	7.4	2.339	1.8	275,978	Open	12.2	114
5/23/2025	12:15:00	7.5	2.294	1.7	276,013	Open	12.4	114
5/23/2025	12:30:00	7.4	2.195	0.9	276,047	Open	12.6	116
5/23/2025	12:45:00	7.4	2.120	2.9	276,079	Open	13.4	116
5/23/2025	13:00:00	7.4	1.802	4.6	276,105	Open	12.4	116
5/23/2025	13:15:00	7.4	2.002	1.9	276,128	Open	12.4	115
5/23/2025	13:30:00	7.4	1.601	7.4	276,159	Open	12.4	114
5/23/2025	13:45:00	7.4	0.931	1.5	276,170	Open	12.4	114
5/23/2025	14:00:00	7.4	2.207	1.7	276,192	Open	12.4	114
5/23/2025	14:15:00	7.4	2.135	3	276,225	Open	12.4	114
5/23/2025	14:30:00	7.4	0.556	0.8	276,253	Open	12.5	114

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/23/2025	14:45:00	7.4	1.949	1.8	276,268	Open	12.4	116
5/23/2025	15:00:00	7.4	1.908	1.8	276,297	Open	12.4	116
5/23/2025	15:15:00	7.4	2.063	2.4	276,327	Open	12.5	116
5/23/2025	15:30:00	7.4	2.014	4.3	276,358	Open	12.6	117
5/23/2025	15:45:00	7.4	1.957	2	276,387	Open	12.7	263
5/23/2025	16:00:00	7.4	2.309	3.6	276,420	Open	12.5	263
5/23/2025	16:15:00	7.4	2.195	3.4	276,454	Open	12.4	114
5/23/2025	16:30:00	7.3	0.659	0.8	276,475	Open	12.2	114
5/23/2025	16:45:00	7.4	2.256	2.4	276,506	Open	12.4	263
5/23/2025	17:00:00	7.4	2.203	12.3	276,540	Open	12.6	264
5/23/2025	17:15:00	7.4	0.609	4.7	276,568	Open	12.7	266
5/23/2025	17:30:00	7.4	2.464	3.4	276,597	Open	12.6	266
5/23/2025	17:45:00	7.4	2.328	3	276,632	Open	12.6	266
5/23/2025	18:00:00	7.4	0.424	1.7	276,660	Open	12.6	263
5/23/2025	18:15:00	7.4	2.267	0.5	276,690	Open	12.6	121
5/23/2025	18:30:00	7.4	2.207	0.1	276,723	Open	12.7	121
5/23/2025	18:45:00	7.4	2.173	0	276,750	Open	12.6	122
5/23/2025	19:00:00	7.4	0.753	0	276,773	Open	12.3	122
5/23/2025	19:15:00	7.3	2.025	0.6	276,786	Open	12.8	268
5/23/2025	19:30:00	7.4	2.294	1.4	276,816	Open	12.2	118
5/23/2025	19:45:00	7.4	2.241	1	276,850	Open	12.1	116
5/23/2025	20:00:00	7.4	2.192	0.9	276,883	Open	12	116
5/23/2025	20:15:00	7.4	2.131	1.4	276,915	Open	11.9	114
5/23/2025	20:30:00	7.4	2.067	1.5	276,947	Open	11.9	114
5/23/2025	20:45:00	7.4	2.033	1.1	276,978	Open	11.9	114
5/23/2025	21:00:00	7.4	2.036	4.3	276,993	Open	12	114

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/23/2025	21:15:00	7.4	1.961	2.6	277,023	Open	11.9	114
5/23/2025	21:30:00	7.4	2.392	1.1	277,043	Open	11.8	113
5/23/2025	21:45:00	7.4	2.316	1.1	277,079	Open	11.7	113
5/23/2025	22:00:00	7.4	2.301	1.8	277,109	Open	11.7	113
5/23/2025	22:15:00	7.4	2.237	1.4	277,137	Open	11.6	113
5/23/2025	22:30:00	7.4	2.260	2.8	277,148	Open	11.8	112
5/23/2025	22:45:00	7.4	2.263	7.4	277,177	Open	11.7	113
5/23/2025	23:00:00	7.4	2.260	2.3	277,190	Open	11.7	114
5/23/2025	23:15:00	7.4	1.090	12	277,217	Open	11.7	112
5/23/2025	23:30:00	7.4	2.290	1.3	277,249	Open	11.7	114
5/23/2025	23:45:00	7.4	2.248	2.4	277,277	Open	11.7	112
5/24/2025	0:00:00	7.4	1.605	7.3	277,308	Open	11.7	112
5/24/2025	0:15:00	7.4	2.301	1.9	277,338	Open	11.6	112
5/24/2025	0:30:00	7.4	2.286	1.2	277,368	Open	11.6	112
5/24/2025	0:45:00	7.4	2.286	1.6	277,398	Open	11.6	112
5/24/2025	1:00:00	7.4	2.241	1.9	277,427	Open	11.6	112
5/24/2025	1:15:00	7.4	2.180	12.1	277,454	Open	11.5	112
5/24/2025	1:30:00	7.4	1.612	3.8	277,484	Open	11.4	111
5/24/2025	1:45:00	7.4	0.000	1.1	277,508	Closed	11.4	111
5/24/2025	2:00:00	7.4	2.260	1.8	277,519	Open	11.3	111
5/24/2025	2:15:00	7.4	0.984	12.5	277,546	Open	11.3	113
5/24/2025	2:30:00	7.4	2.279	2.3	277,577	Open	11.3	113
5/24/2025	2:45:00	7.4	1.734	19	277,606	Open	11.3	114
5/24/2025	3:00:00	7.4	1.601	5	277,638	Open	11.4	266
5/24/2025	3:15:00	7.3	2.157	1.2	277,642	Closed	11.4	266
5/24/2025	3:30:00	7.3	1.734	5.7	277,642	Closed	11.5	264

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/24/2025	3:45:00	7.3	1.707	7.6	277,646	Open	11.6	266
5/24/2025	4:00:00	7.3	1.590	2.3	277,677	Open	11.5	266
5/24/2025	4:15:00	7.3	2.207	2.4	277,707	Open	11.5	266
5/24/2025	4:30:00	7.2	2.237	4.6	277,735	Open	11.5	266
5/24/2025	4:45:00	7.2	0.681	8.6	277,760	Open	11.4	112
5/24/2025	5:00:00	7.3	0.500	3.8	277,792	Closed	11.4	266
5/24/2025	5:15:00	7.3	2.275	8.9	277,808	Open	11.4	112
5/24/2025	5:30:00	7.3	1.749	14.3	277,839	Open	11.4	112
5/24/2025	5:45:00	7.3	2.301	2.3	277,861	Open	11.3	112
5/24/2025	6:00:00	7.3	2.237	2.6	277,893	Open	11.4	113
5/24/2025	6:15:00	7.3	2.320	3.3	277,918	Open	11.3	113
5/24/2025	6:30:00	7.4	2.248	4.3	277,953	Open	11.3	113
5/24/2025	6:45:00	7.3	1.306	9.4	277,980	Open	11.3	112
5/24/2025	7:00:00	7.3	0.185	1.9	278,000	Closed	11.5	112
5/24/2025	7:15:00	7.3	2.290	1.2	278,010	Open	11.3	112
5/24/2025	7:30:00	7.3	1.158	6.3	278,037	Open	11.2	112
5/24/2025	7:45:00	7.3	2.214	1.7	278,070	Open	11.2	112
5/24/2025	8:00:00	7.3	2.324	2.2	278,094	Open	11.2	112
5/24/2025	8:15:00	7.3	0.121	5.1	278,123	Closed	11.3	112
5/24/2025	8:30:00	7.3	1.665	7.6	278,134	Open	11.3	112
5/24/2025	8:45:00	7.3	2.188	5.4	278,167	Open	11.3	112
5/24/2025	9:00:00	7.4	0.768	7.1	278,194	Open	11.3	112
5/24/2025	9:15:00	7.2	2.195	1	278,208	Open	11.8	270
5/24/2025	9:30:00	7.2	2.282	0.4	278,241	Open	12.1	266
5/24/2025	9:45:00	7.2	2.180	0.4	278,274	Open	12.3	266
5/24/2025	10:00:00	7.3	0.522	3.9	278,301	Open	11.6	114

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/24/2025	10:15:00	7.3	2.415	3.6	278,320	Open	11.6	113
5/24/2025	10:30:00	7.3	2.324	3	278,356	Open	11.6	114
5/24/2025	10:45:00	7.3	2.192	2.5	278,389	Open	11.7	114
5/24/2025	11:00:00	7.4	1.548	6	278,411	Open	11.9	114
5/24/2025	11:15:00	7.4	2.396	2.5	278,441	Open	12	114
5/24/2025	11:30:00	7.4	2.279	2.5	278,465	Open	12.1	114
5/24/2025	11:45:00	7.3	1.469	2.6	278,493	Open	12.4	114
5/24/2025	12:00:00	7.4	0.761	3.4	278,515	Open	12.2	114
5/24/2025	12:15:00	7.4	2.059	8.8	278,537	Open	12.6	114
5/24/2025	12:30:00	7.4	2.059	1	278,567	Open	12.5	114
5/24/2025	12:45:00	7.3	1.976	0.7	278,598	Open	13	261
5/24/2025	13:00:00	7.4	1.147	65.3	278,618	Open	12.4	114
5/24/2025	13:15:00	7.4	2.116	2.5	278,647	Open	13	261
5/24/2025	13:30:00	7.4	2.033	1.1	278,679	Open	13.2	259
5/24/2025	13:45:00	7.3	2.033	1	278,709	Open	13	261
5/24/2025	14:00:00	7.4	2.044	9	278,719	Open	12.6	114
5/24/2025	14:15:00	7.4	2.120	2.1	278,752	Open	12.9	260
5/24/2025	14:30:00	7.4	2.040	2.3	278,781	Open	12.9	259
5/24/2025	14:45:00	7.4	1.185	1.9	278,808	Open	13.3	260
5/24/2025	15:00:00	7.4	2.086	2.4	278,835	Open	13	262
5/24/2025	15:15:00	7.3	1.980	1.9	278,865	Open	13.1	260
5/24/2025	15:30:00	7.3	1.889	1.3	278,894	Open	13.1	260
5/24/2025	15:45:00	7.3	1.382	4.7	278,914	Open	13.6	262
5/24/2025	16:00:00	7.3	2.082	0.7	278,946	Open	12.6	114
5/24/2025	16:15:00	7.3	1.968	1	278,976	Open	12.5	114
5/24/2025	16:30:00	7.4	2.324	1.3	278,998	Open	13	114

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
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Data Date Range	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/24/2025	16:45:00	7.4	2.282	1.1	279,023	Open	12.5	114
5/24/2025	17:00:00	7.4	2.146	0.9	279,055	Open	12.7	261
5/24/2025	17:15:00	7.5	2.260	14.5	279,078	Open	12.7	269
5/24/2025	17:30:00	7.6	2.214	11.5	279,104	Open	12.5	267
5/24/2025	17:45:00	7.6	1.298	32.9	279,136	Open	12.5	263
5/24/2025	18:00:00	7.6	1.317	0.2	279,155	Open	12.4	261
5/24/2025	18:15:00	7.6	2.033	1.7	279,165	Open	12.4	265
5/24/2025	18:30:00	7.5	2.051	0.3	279,197	Open	13.2	268
5/24/2025	18:45:00	7.5	2.358	0.9	279,228	Open	12.5	265
5/24/2025	19:00:00	7.4	2.290	0.7	279,263	Open	12.5	265
5/24/2025	19:15:00	7.5	1.692	4.5	279,293	Open	12.2	115
5/24/2025	19:30:00	7.4	1.961	0.1	279,322	Open	12.5	263
5/24/2025	19:45:00	7.4	0.000	0.9	279,344	Closed	12.5	263
5/24/2025	20:00:00	7.4	1.257	4.6	279,370	Open	12.3	114
5/24/2025	20:15:00	7.5	2.165	3.4	279,395	Open	12.4	114
5/24/2025	20:30:00	7.5	2.150	6.2	279,427	Open	12.3	114
5/24/2025	20:45:00	7.5	2.139	5.9	279,459	Open	12.3	114
5/24/2025	21:00:00	7.5	2.165	4.8	279,479	Open	12.1	113
5/24/2025	21:15:00	7.5	2.169	3.7	279,503	Open	12	112
5/24/2025	21:30:00	7.5	2.248	2.1	279,530	Open	12	112
5/24/2025	21:45:00	7.5	2.214	1.7	279,563	Open	12	112
5/24/2025	22:00:00	7.5	0.560	6.5	279,583	Open	12.2	261
5/24/2025	22:15:00	7.5	1.559	5.7	279,607	Open	11.9	112
5/24/2025	22:30:00	7.5	2.373	2.1	279,639	Open	12	261
5/24/2025	22:45:00	7.5	2.358	1.5	279,675	Open	12	262
5/24/2025	23:00:00	7.5	0.000	1.1	279,708	Closed	12	262

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
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Data Date Range	**May 19, 2025 to May 25, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 29, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/24/2025	23:15:00	7.5	2.403	5.1	279,710	Open	12.4	266
5/24/2025	23:30:00	7.5	1.874	1.2	279,741	Open	12	262
5/24/2025	23:45:00	7.5	2.396	1.3	279,772	Open	12	266
5/25/2025	0:00:00	7.5	2.385	1.1	279,805	Open	12	266
5/25/2025	0:15:00	7.5	0.000	0.9	279,836	Closed	12.1	266
5/25/2025	0:30:00	7.5	2.392	1.4	279,847	Open	12.2	266
5/25/2025	0:45:00	7.5	2.388	1.6	279,879	Open	12.1	266
5/25/2025	1:00:00	7.5	2.358	2.3	279,887	Closed	12	266
5/25/2025	1:15:00	7.5	2.422	2	279,887	Closed	12	266
5/25/2025	1:30:00	7.4	0.696	0.9	279,887	Closed	12.3	266
5/25/2025	1:45:00	7.4	2.233	6.5	279,901	Open	11.9	264
5/25/2025	2:00:00	7.5	0.802	3.8	279,926	Open	11.9	264
5/25/2025	2:15:00	7.5	2.419	2.4	279,947	Open	12	266
5/25/2025	2:30:00	7.5	2.494	2.3	279,983	Open	12	266
5/25/2025	2:45:00	7.5	1.730	4.6	280,019	Open	12	267
5/25/2025	3:00:00	7.5	1.567	1.2	280,031	Closed	12.2	266
5/25/2025	3:15:00	7.5	2.472	1	280,068	Open	11.9	264
5/25/2025	3:30:00	7.5	1.139	0.8	280,098	Open	11.9	264
5/25/2025	3:45:00	7.6	2.400	2	280,131	Open	11.8	266
5/25/2025	4:00:00	7.6	0.318	1.5	280,161	Closed	12	269
5/25/2025	4:15:00	7.6	1.173	3	280,165	Open	12	269
5/25/2025	4:30:00	7.6	2.396	2.5	280,197	Open	11.9	271
5/25/2025	4:45:00	7.6	0.299	1.5	280,224	Closed	11.9	271
5/25/2025	5:00:00	7.5	2.377	1.9	280,250	Open	11.7	267
5/25/2025	5:15:00	7.5	0.632	0.7	280,285	Closed	11.7	267
5/25/2025	5:30:00	7.5	1.840	0.1	280,296	Open	11.7	267

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/25/2025	5:45:00	7.5	2.411	0.3	280,325	Open	11.6	264
5/25/2025	6:00:00	7.5	2.403	1.1	280,348	Open	12	264
5/25/2025	6:15:00	7.4	2.358	0.5	280,383	Open	11.6	266
5/25/2025	6:30:00	7.4	0.182	0.5	280,415	Closed	11.6	264
5/25/2025	6:45:00	7.4	2.396	0.3	280,429	Open	11.6	264
5/25/2025	7:00:00	7.4	1.991	0	280,460	Open	11.6	264
5/25/2025	7:15:00	7.3	0.204	0.6	280,483	Closed	11.7	114
5/25/2025	7:30:00	7.3	2.422	0.5	280,500	Open	11.4	114
5/25/2025	7:45:00	7.3	2.381	7.7	280,536	Open	11.4	112
5/25/2025	8:00:00	7.3	1.790	4	280,568	Open	11.4	112
5/25/2025	8:15:00	7.3	0.117	0.7	280,594	Closed	11.5	114
5/25/2025	8:30:00	7.3	2.332	1.5	280,609	Open	11.4	114
5/25/2025	8:45:00	7.4	2.297	2.4	280,644	Open	11.5	114
5/25/2025	9:00:00	7.4	1.264	0.4	280,668	Open	11.6	114
5/25/2025	9:15:00	7.4	1.919	0.9	280,682	Closed	11.9	114
5/25/2025	9:30:00	7.4	2.192	1.3	280,714	Open	11.7	114
5/25/2025	9:45:00	7.4	1.113	0.5	280,745	Closed	11.7	114
5/25/2025	10:00:00	7.4	0.140	0.5	280,759	Closed	12.9	264
5/25/2025	10:15:00	7.4	2.104	0.8	280,790	Open	11.7	114
5/25/2025	10:30:00	7.3	2.169	0	280,822	Open	12	115
5/25/2025	10:45:00	7.3	2.146	0	280,855	Open	12.8	263
5/25/2025	11:00:00	7.3	1.064	13.7	280,876	Open	11.9	114
5/25/2025	11:15:00	7.3	0.000	0	280,903	Closed	11.9	114
5/25/2025	11:30:00	7.3	2.207	1.6	280,918	Open	12	261
5/25/2025	11:45:00	7.3	2.207	0.7	280,951	Open	12.1	261
5/25/2025	12:00:00	7.3	2.086	0.1	280,971	Closed	12.3	261

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)
5/25/2025	12:15:00	7.3	2.112	1.1	280,993	Open	12.6	261
5/25/2025	12:30:00	7.3	2.097	0.1	281,024	Open	12.1	114
5/25/2025	12:45:00	7.3	1.117	0.5	281,049	Open	12.5	114
5/25/2025	13:00:00	7.3	2.237	0.7	281,065	Open	12.8	114
5/25/2025	13:15:00	7.3	2.199	0.2	281,098	Open	12.2	114
5/25/2025	13:30:00	7.3	2.173	0.8	281,131	Open	12.3	114
5/25/2025	13:45:00	7.3	2.169	0.1	281,164	Open	12.3	114
5/25/2025	14:00:00	7.3	2.150	0	281,196	Open	12.3	114
5/25/2025	14:15:00	7.3	1.128	0	281,211	Open	12.9	114
5/25/2025	14:30:00	7.3	2.226	0.2	281,234	Open	12.5	114
5/25/2025	14:45:00	7.3	2.192	0	281,267	Open	12.4	114
5/25/2025	15:00:00	7.3	0.000	0.4	281,289	Closed	12.6	114
5/25/2025	15:15:00	7.3	2.176	0.6	281,317	Open	12.3	114
5/25/2025	15:30:00	7.3	2.199	0	281,347	Open	12.4	114
5/25/2025	15:45:00	7.3	2.157	0.2	281,380	Open	12.5	114
5/25/2025	16:00:00	7.3	2.165	0.4	281,397	Open	12.5	114
5/25/2025	16:15:00	7.3	1.151	0	281,423	Open	12.9	114
5/25/2025	16:30:00	7.3	2.233	0.2	281,449	Open	12.6	260
5/25/2025	16:45:00	7.4	2.192	1.5	281,482	Open	12.7	260
5/25/2025	17:00:00	7.4	2.218	2	281,502	Open	12.8	261
5/25/2025	17:15:00	7.4	1.215	0.9	281,532	Open	12.8	262
5/25/2025	17:30:00	7.4	2.180	1.2	281,554	Open	12.6	262
5/25/2025	17:45:00	7.3	2.214	0.6	281,583	Open	12.6	262
5/25/2025	18:00:00	7.3	1.241	0.1	281,613	Open	12.6	114
5/25/2025	18:15:00	7.3	2.207	0.2	281,643	Open	12.6	261
5/25/2025	18:30:00	7.4	0.000	0.3	281,667	Closed	12.9	261

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)
5/25/2025	18:45:00	7.4	2.188	0.8	281,693	Open	12.6	261
5/25/2025	19:00:00	7.4	2.176	0.5	281,725	Open	12.4	261
5/25/2025	19:15:00	7.3	1.188	2	281,741	Open	12.6	261
5/25/2025	19:30:00	7.3	2.226	1.1	281,765	Open	12.4	262
5/25/2025	19:45:00	7.3	2.188	1.6	281,798	Open	12.1	114
5/25/2025	20:00:00	7.3	0.590	1.2	281,821	Open	12.6	263
5/25/2025	20:15:00	7.3	2.241	6.1	281,831	Open	13.3	263
5/25/2025	20:30:00	7.3	1.722	2.1	281,860	Open	12.5	261
5/25/2025	20:45:00	7.3	0.000	1.3	281,865	Closed	12.9	261
5/25/2025	21:00:00	7.3	2.297	1	281,886	Open	12.4	263
5/25/2025	21:15:00	7.4	2.290	1.1	281,920	Open	12.4	261
5/25/2025	21:30:00	7.3	2.525	1.9	281,958	Open	12.3	263
5/25/2025	21:45:00	7.3	2.479	1.4	281,995	Open	12.3	262
5/25/2025	22:00:00	7.4	2.419	2.1	282,025	Open	12.4	267
5/25/2025	22:15:00	7.4	2.400	4.3	282,061	Open	12.6	272
5/25/2025	22:30:00	7.4	2.426	3.7	282,075	Open	12.7	276
5/25/2025	22:45:00	7.5	1.404	0.6	282,106	Open	12.7	279
5/25/2025	23:00:00	7.5	2.456	1.8	282,111	Closed	12.7	279
5/25/2025	23:15:00	7.4	2.434	2.7	282,133	Open	12.6	276
5/25/2025	23:30:00	7.4	2.392	1.1	282,169	Open	12.4	274
5/25/2025	23:45:00	7.4	1.794	7.3	282,203	Open	12.3	272

Appendix B: Photos

Photo 1: No visible sheen observed in the WTP water, May 19

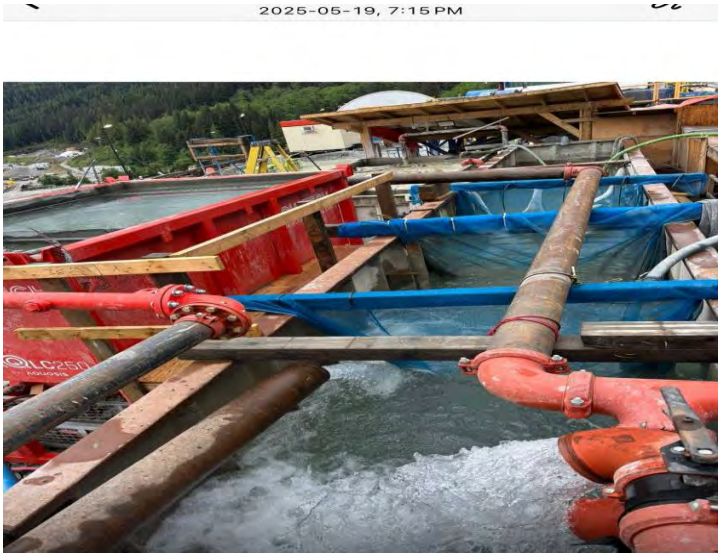



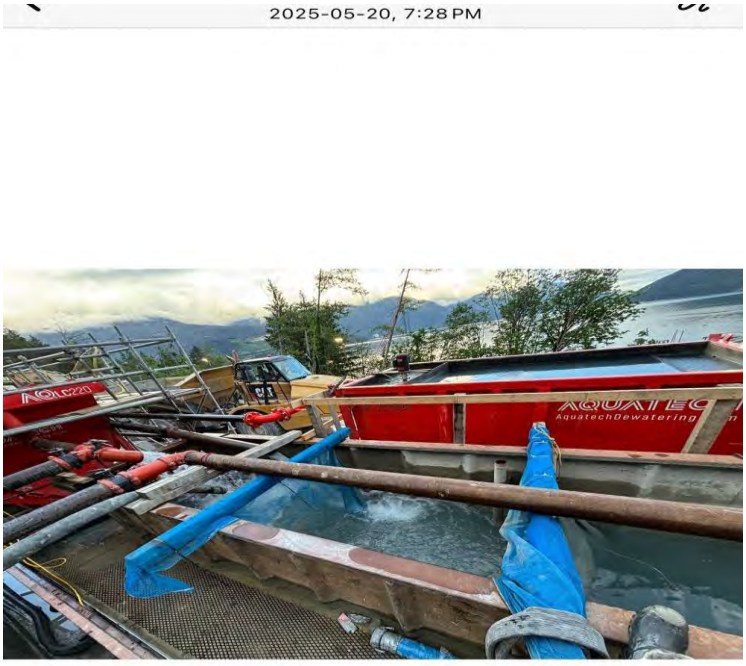
Photo 2: No visible sheen observed in the WTP water, May 20


Photo 3: No visible sheen observed in the WTP water, May 21

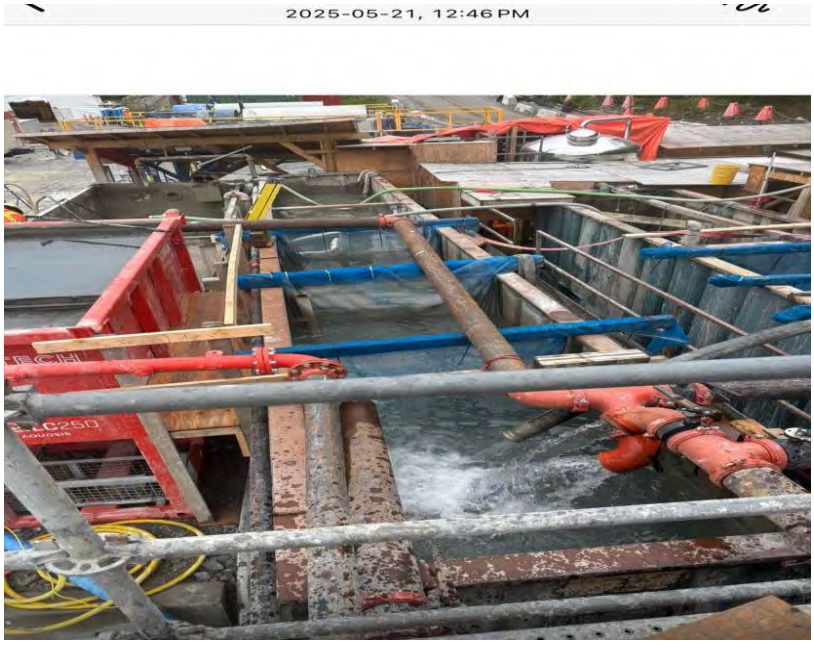



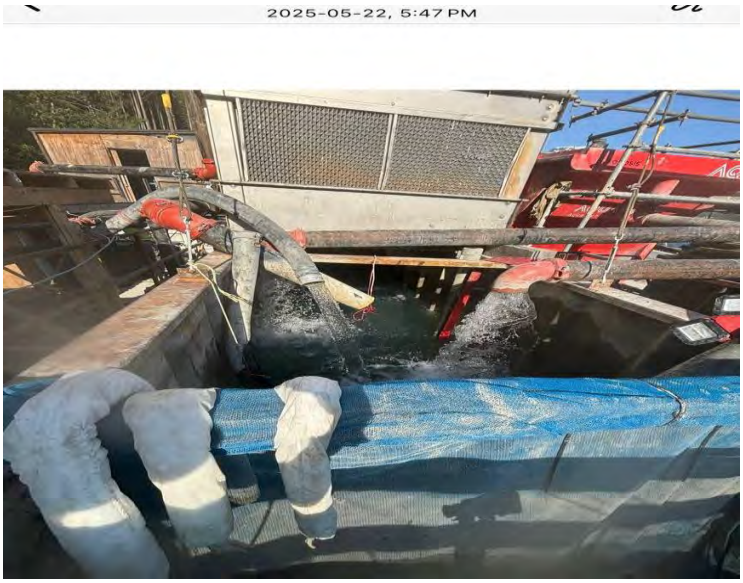
Photo 4: No visible sheen observed in the WTP water, May 22


Photo 5: No visible sheen observed in the WTP water, May 23

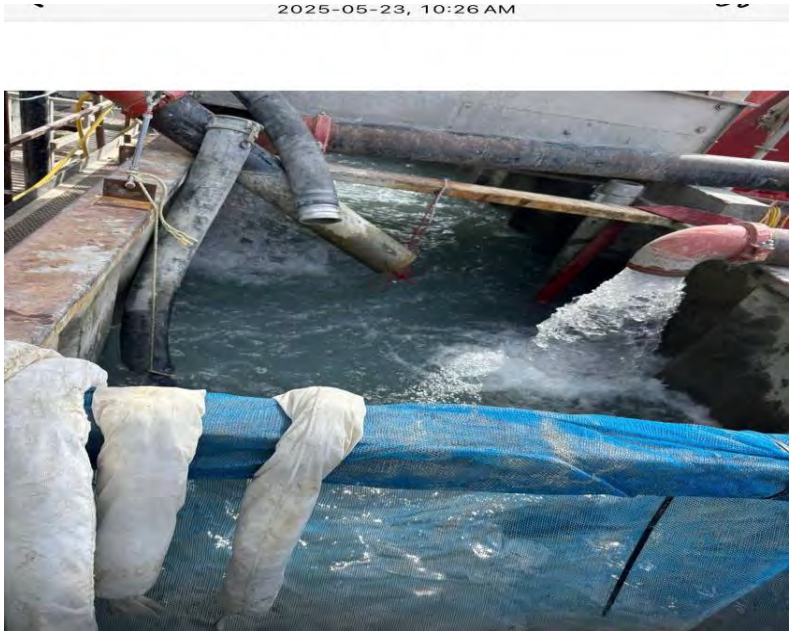



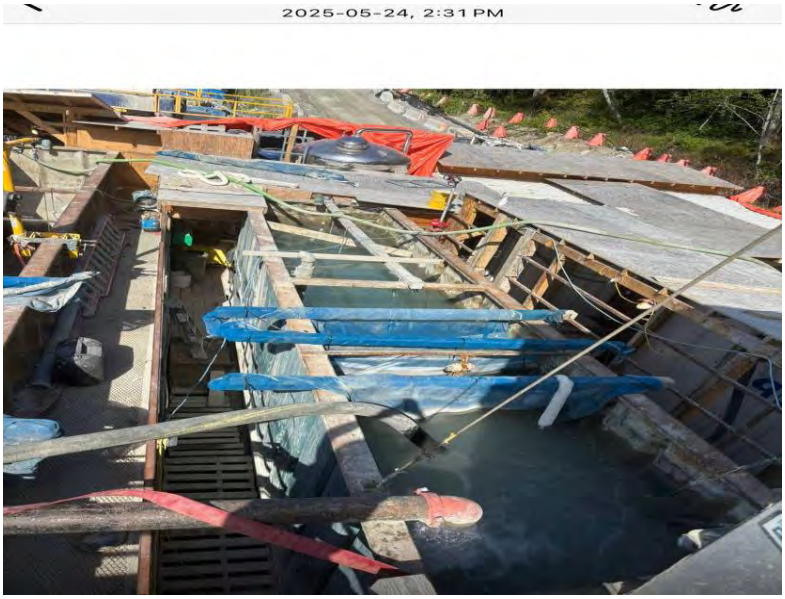
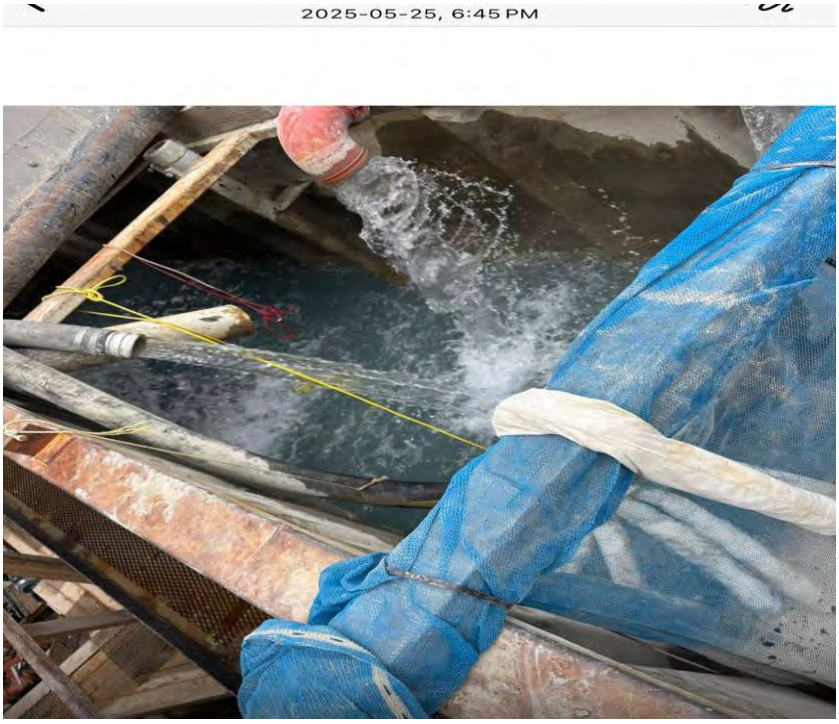
Photo 6: No visible sheen observed in the WTP water, May 24


Photo 7: No visible sheen observed in the WTP water, May 25


Appendix D: Woodfibre Site Receiving Environment Documentation

Woodfibre Site Receiving Environment Sample Analysis

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1] [2]	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1] [2]	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1] [2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average [1] [2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max [1] [2]	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average [1] [2]	WLNG US 2025-05-21 14:55:00	WLNG DS 2025-05-21 14:00:00
In situ Parameters									
Field pH	pH Units	6.5 - 9			7 - 8.7			7.58	7.28
Field Temperature	°C	18	19					11.5	12.2
General Parameters									
pH	pH Units							6.44	7.74
Alkalinity (Total as CaCO3)	mg/L							5.7	40
Alkalinity (PP as CaCO3)	mg/L							<1	<1
Hardness (CaCO3)-Total	mg/L							7.44	35.8
Hardness (CaCO3)-Dissolved	mg/L							8.15	39.5
Sulphide-Total	mg/L							<0.0018	<0.0018
Sulphide (as H2S)	mg/L			0.002				<0.002	<0.002
Un-ionized Hydrogen Sulfide as H2S-Total	mg/L							<0.005	<0.005
Un-ionized Hydrogen Sulfide as S-Total	mg/L							<0.005	<0.005
Anions and Nutrients									
Ammonia (N)-Total	mg/L	1.8	11		12	52		<0.015	<0.015
Bicarbonate (HCO3)	mg/L							7	49
Carbonate (CO3)	mg/L							<1	<1
Hydroxide (OH)	mg/L							<1	<1
Nitrate (N)	mg/L	3	32.8		3.7			0.05	0.152
Nitrite (N)	mg/L	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	mg/L							0.05	0.152
Nitrogen (N)-Total	mg/L							0.16	0.206
Phosphorus (P)-Total (4500-P)	mg/L							0.013	0.012
Bromide (Br)	mg/L							<0.01	<0.01
Chloride (Cl)	mg/L	150	600					<1	6
Fluoride (F)	mg/L		0.4			1.5		<0.05	0.1
Sulphate (SO4)-Dissolved	mg/L	128						3.5	6.1
Total Metals									
Aluminum (Al)-Total	mg/L	0.088036						0.0968	**0.636**
Antimony (Sb)-Total	mg/L	0.074	0.25					0.000022	0.000178
Arsenic (As)-Total	mg/L	0.005			0.0125			0.000099	0.00179
Barium (Ba)-Total	mg/L			1				0.00341	0.00778
Beryllium (Be)-Total	mg/L			0.00013			0.1	<0.00001	<0.00001
Bismuth (Bi)-Total	mg/L							<0.00001	0.000047
Boron (B)-Total	mg/L	1.2			1.2			<0.01	0.011
Cadmium (Cd)-Total	mg/L						0.00012	<0.000005	0.000026
Calcium (Ca)-Total	mg/L							2.35	13
Cesium (Cs)-Total	mg/L							<0.00005	0.00007
Chromium (Cr)-Total	mg/L							<0.0001	0.00037
Chromium (Cr VI)-Total	mg/L			0.0025			0.0015	<0.00099	<0.00099
Cobalt (Co)-Total	mg/L	0.000389	0.11					0.000041	0.000093
Copper (Cu)-Total	mg/L				0.002	0.003		0.00068	0.00102
Iron (Fe)-Total	mg/L		1					0.0619	0.367
Lead (Pb)-Total	mg/L				0.002	0.14		0.000033	0.000176
Lithium (Li)-Total	mg/L							<0.0005	0.00165
Magnesium (Mg)-Total	mg/L							0.38	0.79
Manganese (Mn)-Total	mg/L	0.641	0.63				0.1	0.00271	0.0147
Mercury (Hg)-Total	mg/L	0.00002			0.00002			0.000002	<0.0000019
Molybdenum (Mo)-Total	mg/L	7.6	46					0.000323	0.0112
Nickel (Ni)-Total	mg/L						0.0083	0.0003	0.00024
Phosphorus (P)-Total (ICPMS)	mg/L							0.0149	0.0158
Potassium (K)-Total	mg/L							<0.25	0.83
Rubidium (Rb)-Total	mg/L							0.000352	0.00204
Selenium (Se)-Total	mg/L	0.002			0.002			<0.00004	0.000048
Silicon (Si)-Total	mg/L							3.44	5.33
Silver (Ag)-Total	mg/L	0.00012				0.0037	0.0005	<0.00001	<0.00001
Sodium (Na)-Total	mg/L							1.33	3.51
Strontium (Sr)-Total	mg/L							0.0106	0.0295
Sulphur (S)-Total	mg/L							<3	<3
Tellurium (Te)-Total	mg/L							<0.00002	<0.00002
Thallium (Tl)-Total	mg/L			0.00003				0.0000024	0.0000135
Thorium (Th)-Total	mg/L							<0.00005	0.000075
Tin (Sn)-Total	mg/L							<0.0002	<0.0002
Titanium (Ti)-Total	mg/L							<0.002	0.0156
Uranium (U)-Total	mg/L		0.0165	0.0075				0.0000763	0.00169
Vanadium (V)-Total	mg/L			0.06			0.005	<0.0002	0.00068
Zinc (Zn)-Total	mg/L				0.01	0.055		0.0014	0.0029
Zirconium (Zr)-Total	mg/L							<0.0001	<0.0001
Dissolved Metals									
Aluminum (Al)-Dissolved	mg/L							0.0464	0.0645
Antimony (Sb)-Dissolved	mg/L							0.000026	0.000168
Arsenic (As)-Dissolved	mg/L							0.000104	0.00122
Barium (Ba)-Dissolved	mg/L							0.00318	0.00439
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	0.000033	0.000044					0.0000074	0.0000106
Calcium (Ca)-Dissolved	mg/L							2.72	14.8
Cesium (Cs)-Dissolved	mg/L							<0.00005	<0.00005
Chromium (Cr)-Dissolved	mg/L							<0.0001	0.00022
Cobalt (Co)-Dissolved	mg/L							0.0000292	0.0000357
Copper (Cu)-Dissolved	mg/L	0.00031	0.00193					**0.00069**	0.000227
Iron (Fe)-Dissolved	mg/L		0.35					0.0235	0.0053
Lead (Pb)-Dissolved	mg/L	0.001899						0.0000099	0.0000112
Lithium (Li)-Dissolved	mg/L							<0.0005	0.00125

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1] [2]	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1] [2]	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1] [2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average [1] [2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max [1] [2]	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average [1] [2]	**WLNG US 2025-05-21 14:55:00**	**WLNG DS 2025-05-21 14:00:00**
Manganese (Mn)-Dissolved	mg/L							0.00136	0.00382
Magnesium (Mg)-Dissolved	mg/L							0.329	0.65
Mercury (Hg)-Dissolved	mg/L							<0.0000019	<0.0000019
Molybdenum (Mo)-Dissolved	mg/L							0.000358	0.012
Nickel (Ni)-Dissolved	mg/L	0.0008	0.0129					0.000302	0.000167
Phosphorus (P)-Dissolved	mg/L							0.0103	0.0029
Potassium (K)-Dissolved	mg/L							0.196	0.817
Rubidium (Rb)-Dissolved	mg/L							0.000372	0.00162
Selenium (Se)-Dissolved	mg/L							<0.00004	<0.00004
Silicon (Si)-Dissolved	mg/L							3.67	4.92
Silver (Ag)-Dissolved	mg/L							<0.000005	<0.000005
Sodium (Na)-Dissolved	mg/L							1.38	3.39
Strontium (Sr)-Dissolved	mg/L			1.25				0.0106	0.0278
Sulphur (S)-Dissolved	mg/L							<3	<3
Tellurium (Te)-Dissolved	mg/L							<0.00002	<0.00002
Thallium (Tl)-Dissolved	mg/L							<0.000002	0.0000072
Thorium (Th)-Dissolved	mg/L							0.0000153	<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							0.000079	0.00113
Vanadium (V)-Dissolved	mg/L							<0.0002	0.00036
Zinc (Zn)-Dissolved	mg/L	0.002969	0.009293					0.00127	0.00052
Zirconium (Zr)-Dissolved	mg/L							<0.0001	<0.0001
Inorganics									
Organic Carbon (C)-Total	mg/L							2.4	1.6
Organic Carbon (C)-Dissolved	mg/L							2.4	1.5
Solids-Total Dissolved	mg/L							24	72
Solids-Total Suspended	mg/L	6.2	26.2					1.2	4

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.

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).

Bold text denotes value exceeding guidelines. Note: Not all exceedances are project related.

RESULTS OF RAINBOW TROUT LC50 MULTI-CONCENTRATION

Client : 12239 Fortis BC Energy Inc, Surrey Job Number: C546336

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

Test Result:

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

Sample Name : WLNG -EOP

Description:	Clear and colourless			Sample Number:	DLL228-15
Sample Collected:	May 21, 2025	Sampling Method :	N/A	Site Collection:	N/A
Sample Collected By:	N/A	Volume Received:	4 x ECO10	Avg Temp Arrival:	10 °C Storage: 2-6°C
Sample Received:	May 21, 2025 06:00 PM	pH:	7.5	Dissolved Oxygen:	10.1 mg/L
Analysis Start :	May 22, 2025 04:50 PM	Temperature :	15 °C	Sample Conductance:	124 µS/cm

Concentration	Temperature (°C)	Temperature (°C)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (mg/L)	pH	pH	Conductivity (uS/cm)	Mortality (#)	Mortality (%)	Atypical Behaviour (#)
% vol/vol	Initial	96 hrs	Initial	96 hrs	Initial	96 hrs	Initial	96 hrs	96 hrs	96 hrs
0	15	15	10.1	9.6	7.7	7.6	52	0	0	0
6.25	15	15	10.1	9.7	7.8	7.6	58	0	0	0
12.5	15	15	10.1	9.7	7.7	7.6	60	0	0	0
25	15	15	10.1	9.8	7.7	7.7	69	0	0	0
50	15	15	10.1	9.9	7.7	7.7	92	0	0	0
100	15	15	10.0	9.9	7.7	7.8	126	0	0	0

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

Culture/Control/Dilution Water Burnaby Municipal Dechlorinated Water

Hardness: 24 mg/L $CaCO_3$ Other parameters available on request.

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

Organisms per Vessel :	10	Test Temperature :	15 ± 1 °C	Solution Depth :	>15 cm
Total # of Organisms Used :	60	Pre-aeration Time :	40 min.	Rate of Aeration	6.5±1 mL/ (min*L)
Test Volume :	15 L	Vessel Volume :	20L	Test pH Adjusted:	No
Loading Density :	0.4 g/L	Photoperiod :	16:8 (light: dark)		

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

Culture Temperature :	15 ± 2 °C	Weight (Mean) +- SD :	0.6 ± 0.3 g	Length (Mean) +- SD :	4.22 ± 0.46 cm
Culture Water Renewal :	≥ 1L/min/kg fish	Weight (Range) :	0.3 – 1.1 g	Length (Range) :	3.60 – 5.00 cm
Culture Photoperiod :	16:8 (light: dark)			% Mortality within 7 days :	0.00%
Feeding rate and frequency :	daily: 1-5% biomass of trout.			Acclimation Time:	>14 days

Reference chemical: Zinc Test Date: May 14, 2025

Test Endpoint 96 hrs LC50 (95% confidence interval) : 0.21 (0.19, 0.24)mg/L Statistical Method : Untrimmed Spearman-Kärber

Historical Mean LC50 (warning limits) : 0.16 (0.09, 0.30) mg/L Concentration : 0,0.04,0.08,0.16,0.32,0.64 mg/L

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

Method Deviations : None.

Analyst : Donald Lai, Larissa dos Santos Soares, Rachel Sakurdeep

Verified By : Donald Lai, Laboratory Supervisor Date: May 29, 2025 04:41 PM

Woodfibre Site Receiving Environment Field Notes and Logs

Water Quality Field Data Sheet

Hatfield

Project: FORTIS11234

Location Information

Site ID: WLNG - DS

Site Name: WLNG

Site UTM: Zone: E: 123°14'53.421"

(NAD83) N: 49°40'8.736"

Date: May 21, 2025

Time: 14:00

Crew: HM, DS, JF

Weather: Clear Foggy (Cloudy) Rain Snow Windy

In Situ Parameters

pH: 7.28

Temp.: 12.2 (°C)

Turbidity: 5.97 NTU

DO: 4.73 (mg/L)

Cond: 146.5 (us)

Visible Sheen: Y / N

Water Surface Condition: (Clear) Turbid Foaming Ice

Photo Record

Photo

Photo

Photo

Observations

floc build up on stream bed

fluctuating flow and depth - discharge amount

Water Quality Field Data Sheet

Hatfield

Project: FORTIS11234

Location Information

Site ID: WLNG - EOP
Site Name: WLNG
Site UTM: Zone: E: 123°14'59.26" N
(NAD83) N: 49° 45'19.605"

Date: May 21, 2025
Time: 1430
Crew: HM JE
Weather: Clear Foggy Cloudy Rain Snow Windy (Sun)

In Situ Parameters

pH: 7.13
Temp.: 11.8 (°C)
Turbidity: 2.19 NTU
DO: 4.34 (mg/L)
Cond: 192.9 (us)

Visible Sheen: Y (N)
Water Surface Condition: (Clear) Turbid Foaming Ice

Photo Record

Photo

Photo

Photo

Observations

- No issues
- EOP duplicate sampled at 1440

Water Quality Field Data Sheet

Hatfield

Project: FORTIS11234

Location Information

Site ID: WLNG-US

Site Name: WLNG

Site UTM: Zone: E: 123 '15'1.844"

(NAD83) N: 49'4'59.674"

Date: May 21, 2025

Time: 1455

Crew: KM JF

Weather: Clear Foggy (Cloudy) Rain Snow Windy Sun

In Situ Parameters

pH: 7.58 DO: (mg/L) 3.68

Temp.: 11.5 (°C) Cond: 5 (us) 58.9

Turbidity: 0.00 NTU

Visible Sheen: Y (N)

Water Surface Condition: (Clear) Turbid Foaming Ice

Photo Record

Photo

Photo

Photo

Observations

Algae in stream

WoodFibre LNG Site (East Creek)							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
WLNG-DS	2025-05-19 00:00:00	10.73	121.22	0.000	8.54	10.30	12.38
WLNG-DS	2025-05-19 00:15:00	10.65	108.98	-0.002	8.54	10.28	2.79
WLNG-DS	2025-05-19 00:30:00	10.74	126.33	0.001	8.56	10.32	8.25
WLNG-DS	2025-05-19 00:45:00	10.69	122.36	0.002	8.55	10.32	9.37
WLNG-DS	2025-05-19 01:00:00	10.72	126.41	0.001	8.56	10.31	14.55
WLNG-DS	2025-05-19 01:15:00	10.80	127.69	0.000	8.57	10.27	11.17
WLNG-DS	2025-05-19 01:30:00	10.74	123.35	0.001	8.56	10.29	6.40
WLNG-DS	2025-05-19 01:45:00	10.72	125.80	0.002	8.56	10.29	12.21
WLNG-DS	2025-05-19 02:00:00	10.77	127.69	0.002	8.58	10.28	14.39
WLNG-DS	2025-05-19 02:15:00	10.69	122.90	0.004	8.56	10.27	14.58
WLNG-DS	2025-05-19 02:30:00	10.47	102.69	0.004	8.42	10.32	12.29
WLNG-DS	2025-05-19 02:45:00	10.43	98.68	0.003	8.51	10.28	2.66
WLNG-DS	2025-05-19 03:00:00	10.50	120.25	0.007	8.54	10.32	13.91
WLNG-DS	2025-05-19 03:15:00	10.48	123.48	0.006	8.56	10.34	12.98
WLNG-DS	2025-05-19 03:30:00	10.46	122.93	0.005	8.56	10.35	11.50
WLNG-DS	2025-05-19 03:45:00	10.42	120.09	0.008	8.55	10.34	10.57
WLNG-DS	2025-05-19 04:00:00	10.50	126.59	0.007	8.49	10.32	17.93
WLNG-DS	2025-05-19 04:15:00	10.49	126.07	0.007	8.57	10.33	8.40
WLNG-DS	2025-05-19 04:30:00	10.19	81.70	0.004	8.45	10.34	2.30
WLNG-DS	2025-05-19 04:45:00	10.31	102.88	0.005	8.53	10.34	6.97
WLNG-DS	2025-05-19 05:00:00	10.41	126.17	0.008	8.57	10.37	11.72
WLNG-DS	2025-05-19 05:15:00	10.39	121.36	0.004	8.58	10.37	8.68
WLNG-DS	2025-05-19 05:30:00	10.15	88.96	0.003	8.50	10.35	2.27
WLNG-DS	2025-05-19 05:45:00	10.37	122.59	0.005	8.55	10.37	15.71
WLNG-DS	2025-05-19 06:00:00	10.28	115.26	0.004	8.56	10.39	12.20
WLNG-DS	2025-05-19 06:15:00	10.25	116.63	0.008	8.55	10.39	15.31
WLNG-DS	2025-05-19 06:30:00	10.14	105.81	0.007	8.53	10.41	9.02
WLNG-DS	2025-05-19 06:45:00	9.99	101.31	0.013	8.47	10.45	15.19
WLNG-DS	2025-05-19 07:00:00	10.01	115.09	0.013	8.49	10.46	52.67
WLNG-DS	2025-05-19 07:15:00	10.05	117.96	0.008	8.54	10.45	70.34
WLNG-DS	2025-05-19 07:30:00	9.94	110.98	0.010	8.51	10.46	55.35
WLNG-DS	2025-05-19 07:45:00	9.83	96.04	0.007	8.49	10.45	38.83
WLNG-DS	2025-05-19 08:00:00	9.98	112.14	0.011	8.52	10.47	22.40
WLNG-DS	2025-05-19 08:15:00	9.91	104.60	0.009	8.52	10.47	21.35
WLNG-DS	2025-05-19 08:30:00	9.94	108.29	0.011	8.54	10.49	15.97
WLNG-DS	2025-05-19 08:45:00	9.54	68.24	0.009	8.36	10.55	31.16
WLNG-DS	2025-05-19 09:00:00	9.93	102.23	0.011	8.53	10.48	12.89
WLNG-DS	2025-05-19 09:15:00	10.04	107.36	0.011	8.54	10.44	9.78
WLNG-DS	2025-05-19 09:30:00	9.52	58.17	0.010	8.30	10.56	14.08
WLNG-DS	2025-05-19 09:45:00	9.23	34.04	0.016	8.06	10.63	14.38
WLNG-DS	2025-05-19 10:00:00	9.76	79.59	0.016	8.43	10.46	9.89
WLNG-DS	2025-05-19 10:15:00	10.03	106.33	0.015	8.50	10.46	15.88
WLNG-DS	2025-05-19 10:30:00	9.99	99.33	0.011	8.50	10.47	21.35
WLNG-DS	2025-05-19 10:45:00	10.02	103.14	0.017	8.43	10.49	17.80
WLNG-DS	2025-05-19 11:00:00	9.55	53.32	0.012	8.23	10.58	16.29

WoodFibre LNG Site (East Creek)							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
WLNG-DS	2025-05-19 11:15:00	9.93	89.75	0.013	8.47	10.50	19.90
WLNG-DS	2025-05-19 11:30:00	10.02	96.03	0.012	8.50	10.46	23.82
WLNG-DS	2025-05-19 11:45:00	10.01	94.10	0.012	8.49	10.48	23.88
WLNG-DS	2025-05-19 12:00:00	10.01	93.09	0.012	8.47	10.48	23.41
WLNG-DS	2025-05-19 12:15:00	10.02	91.73	0.012	8.45	10.47	31.84
WLNG-DS	2025-05-19 12:30:00	9.65	59.28	0.022	8.17	10.61	47.17
WLNG-DS	2025-05-19 12:45:00	10.03	89.24	0.014	8.44	10.47	35.25
WLNG-DS	2025-05-19 13:00:00	9.47	35.17	0.017	8.06	10.61	65.24
WLNG-DS	2025-05-19 13:15:00	10.09	131.15	0.013	8.41	10.41	31.87
WLNG-DS	2025-05-19 13:30:00	10.21	110.94	0.009	8.44	10.37	22.08
WLNG-DS	2025-05-19 13:45:00	10.27	100.78	0.010	8.44	10.36	23.80
WLNG-DS	2025-05-19 14:00:00	10.27	96.10	0.009	8.43	10.36	24.57
WLNG-DS	2025-05-19 14:15:00	10.20	87.96	0.010	8.40	10.39	17.81
WLNG-DS	2025-05-19 14:30:00	10.27	95.15	0.009	8.42	10.36	20.69
WLNG-DS	2025-05-19 14:45:00	10.30	96.19	0.007	8.44	10.37	15.21
WLNG-DS	2025-05-19 15:00:00	10.32	97.00	0.004	8.48	10.37	13.33
WLNG-DS	2025-05-19 15:15:00	10.32	92.10	0.002	8.48	10.36	20.52
WLNG-DS	2025-05-19 15:30:00	10.01	49.25	0.002	8.27	10.41	12.21
WLNG-DS	2025-05-19 15:45:00	10.36	100.83	0.002	8.44	10.36	14.71
WLNG-DS	2025-05-19 16:00:00	10.40	101.21	0.001	8.49	10.34	12.08
WLNG-DS	2025-05-19 16:15:00	9.91	28.09	0.005	8.03	10.47	9.72
WLNG-DS	2025-05-19 16:30:00	10.37	94.07	0.011	8.43	10.38	10.52
WLNG-DS	2025-05-19 16:45:00	10.33	88.73	0.006	8.45	10.36	13.96
WLNG-DS	2025-05-19 17:00:00	10.43	103.43	0.009	8.35	10.30	8.05
WLNG-DS	2025-05-19 17:15:00	10.36	94.74	0.011	8.39	10.36	7.71
WLNG-DS	2025-05-19 17:30:00	10.35	95.90	0.010	8.47	10.39	12.21
WLNG-DS	2025-05-19 17:45:00	10.37	96.09	0.007	8.48	10.38	15.97
WLNG-DS	2025-05-19 18:00:00	10.37	96.85	0.008	8.42	10.36	9.31
WLNG-DS	2025-05-19 18:15:00	10.36	96.60	0.008	8.43	10.36	11.02
WLNG-DS	2025-05-19 18:30:00	10.21	79.23	0.008	8.37	10.39	7.88
WLNG-DS	2025-05-19 18:45:00	10.21	81.91	0.011	8.39	10.40	12.56
WLNG-DS	2025-05-19 19:00:00	10.16	75.20	0.008	8.39	10.39	8.91
WLNG-DS	2025-05-19 19:15:00	10.29	96.22	0.011	8.45	10.40	6.76
WLNG-DS	2025-05-19 19:30:00	10.13	79.24	0.010	8.41	10.43	8.64
WLNG-DS	2025-05-19 19:45:00	10.19	91.28	0.011	8.47	10.41	12.69
WLNG-DS	2025-05-19 20:00:00	10.17	91.57	0.011	8.47	10.40	12.04
WLNG-DS	2025-05-19 20:15:00	10.17	92.22	0.013	8.47	10.41	13.50
WLNG-DS	2025-05-19 20:30:00	10.16	92.45	0.012	8.48	10.42	10.57
WLNG-DS	2025-05-19 20:45:00	10.14	92.55	0.012	8.48	10.42	7.79
WLNG-DS	2025-05-19 21:00:00	10.05	86.56	0.013	8.46	10.44	12.20
WLNG-DS	2025-05-19 21:15:00	10.09	94.50	0.016	8.50	10.43	11.64
WLNG-DS	2025-05-19 21:30:00	10.09	95.78	0.014	8.50	10.44	10.03
WLNG-DS	2025-05-19 21:45:00	10.04	89.30	0.013	8.47	10.43	11.25
WLNG-DS	2025-05-19 22:00:00	10.09	97.78	0.013	8.49	10.44	13.16
WLNG-DS	2025-05-19 22:15:00	10.14	102.77	0.012	8.52	10.44	12.40

WoodFibre LNG Site (East Creek)							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
WLNG-DS	2025-05-19 22:30:00	10.15	103.38	0.011	8.53	10.42	11.06
WLNG-DS	2025-05-19 22:45:00	10.11	101.69	0.013	8.52	10.44	23.86
WLNG-DS	2025-05-19 23:00:00	10.11	100.56	0.011	8.52	10.42	10.90
WLNG-DS	2025-05-19 23:15:00	10.11	98.65	0.011	8.51	10.43	18.27
WLNG-DS	2025-05-19 23:30:00	9.67	61.98	0.019	8.19	10.52	9.42
WLNG-DS	2025-05-19 23:45:00	9.97	96.73	0.017	8.44	10.47	34.31
WLNG-DS	2025-05-20 00:00:00	10.04	105.27	0.015	8.50	10.46	16.91
WLNG-DS	2025-05-20 00:15:00	10.06	104.23	0.014	8.51	10.47	21.27
WLNG-DS	2025-05-20 00:30:00	10.04	103.49	0.013	8.51	10.45	18.68
WLNG-DS	2025-05-20 00:45:00	9.68	60.68	0.014	8.25	10.51	9.86
WLNG-DS	2025-05-20 01:00:00	10.01	105.41	0.017	8.48	10.49	17.58
WLNG-DS	2025-05-20 01:15:00	10.03	106.85	0.015	8.49	10.47	25.37
WLNG-DS	2025-05-20 01:30:00	9.81	92.58	0.020	8.34	10.54	23.26
WLNG-DS	2025-05-20 01:45:00	9.67	73.84	0.016	8.24	10.53	10.14
WLNG-DS	2025-05-20 02:00:00	10.07	109.70	0.015	8.50	10.47	16.47
WLNG-DS	2025-05-20 02:15:00	10.04	109.02	0.014	8.51	10.46	11.27
WLNG-DS	2025-05-20 02:30:00	10.02	112.20	0.015	8.51	10.48	18.66
WLNG-DS	2025-05-20 02:45:00	10.03	114.10	0.012	8.53	10.47	11.42
WLNG-DS	2025-05-20 03:00:00	9.87	97.65	0.011	8.44	10.47	7.92
WLNG-DS	2025-05-20 03:15:00	9.99	112.16	0.016	8.49	10.48	15.11
WLNG-DS	2025-05-20 03:30:00	9.99	112.55	0.016	8.49	10.50	12.70
WLNG-DS	2025-05-20 03:45:00	9.94	102.86	0.011	8.47	10.45	5.91
WLNG-DS	2025-05-20 04:00:00	9.99	109.59	0.012	8.50	10.47	10.83
WLNG-DS	2025-05-20 04:15:00	10.02	113.67	0.011	8.53	10.46	7.40
WLNG-DS	2025-05-20 04:30:00	9.66	81.39	0.012	8.29	10.52	4.54
WLNG-DS	2025-05-20 04:45:00	10.02	113.83	0.011	8.53	10.48	12.21
WLNG-DS	2025-05-20 05:00:00	9.99	113.53	0.011	8.52	10.47	12.21
WLNG-DS	2025-05-20 05:15:00	9.94	113.56	0.013	8.49	10.49	12.62
WLNG-DS	2025-05-20 05:30:00	9.64	92.77	0.016	8.26	10.57	8.51
WLNG-DS	2025-05-20 05:45:00	9.90	114.40	0.012	8.47	10.50	13.42
WLNG-DS	2025-05-20 06:00:00	9.95	118.27	0.010	8.49	10.48	13.46
WLNG-DS	2025-05-20 06:15:00	9.95	117.63	0.011	8.48	10.50	12.49
WLNG-DS	2025-05-20 06:30:00	9.91	113.99	0.010	8.46	10.49	12.10
WLNG-DS	2025-05-20 06:45:00	9.87	115.14	0.017	8.44	10.53	12.88
WLNG-DS	2025-05-20 07:00:00	9.90	127.05	0.013	8.46	10.52	18.48
WLNG-DS	2025-05-20 07:15:00	9.82	129.00	0.016	8.44	10.55	13.30
WLNG-DS	2025-05-20 07:30:00	9.91	124.61	0.015	8.47	10.51	12.21
WLNG-DS	2025-05-20 07:45:00	9.94	124.29	0.012	8.47	10.51	16.32
WLNG-DS	2025-05-20 08:00:00	9.94	124.26	0.012	8.46	10.52	16.14
WLNG-DS	2025-05-20 08:15:00	9.92	123.09	0.011	8.45	10.53	15.23
WLNG-DS	2025-05-20 08:30:00	9.99	123.72	0.010	8.46	10.54	9.20
WLNG-DS	2025-05-20 08:45:00	9.70	112.45	0.016	8.21	10.57	4.82
WLNG-DS	2025-05-20 09:00:00	10.02	121.48	0.010	8.44	10.47	6.41
WLNG-DS	2025-05-20 09:15:00	10.13	125.52	0.009	8.47	10.46	7.21
WLNG-DS	2025-05-20 09:30:00	10.20	123.89	0.009	8.46	10.46	5.54

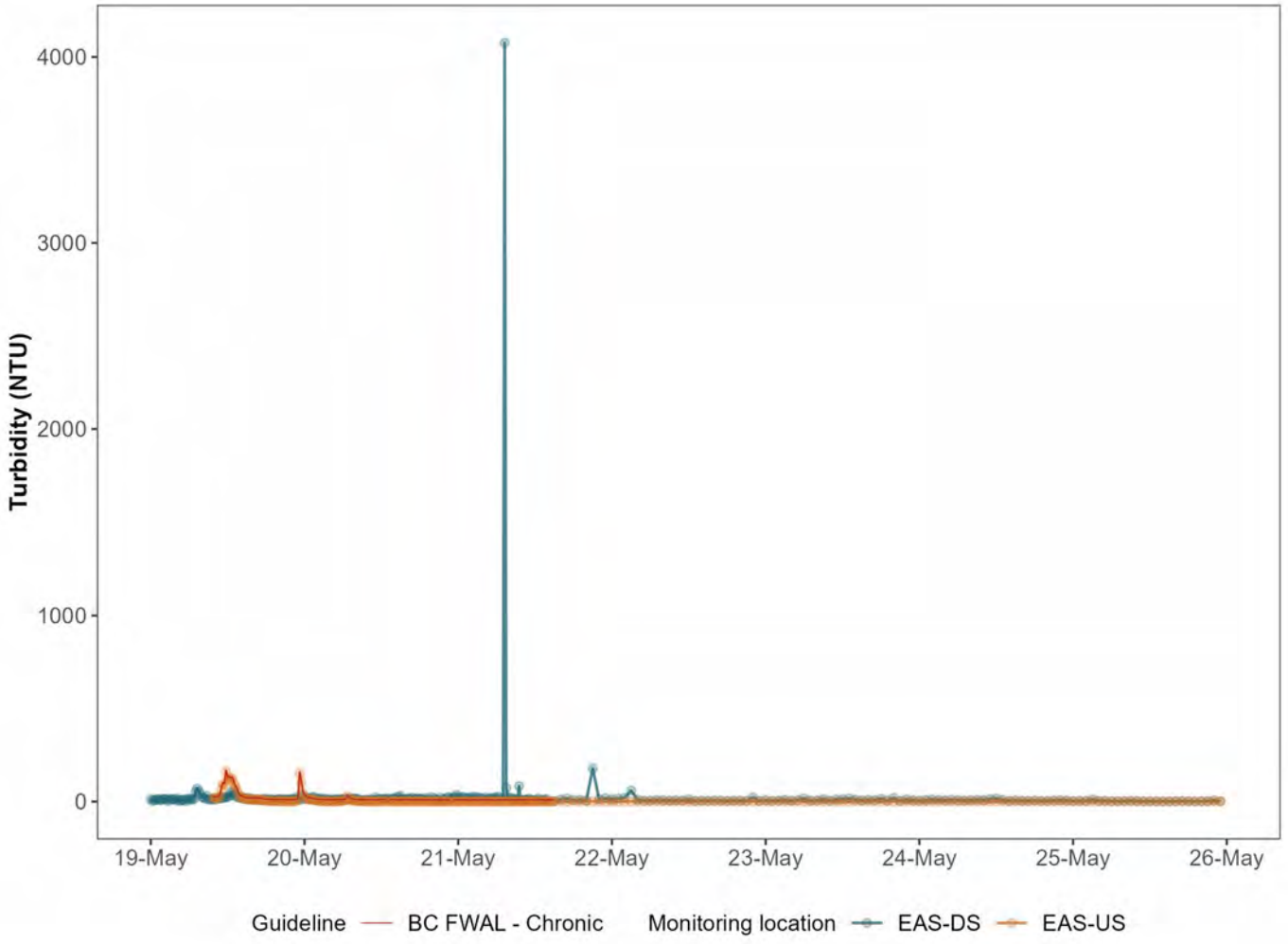
WoodFibre LNG Site (East Creek)							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
WLNG-DS	2025-05-20 09:45:00	10.26	126.25	0.013	8.48	10.45	10.80
WLNG-DS	2025-05-20 10:00:00	10.24	123.90	0.010	8.49	10.46	9.09
WLNG-DS	2025-05-20 10:15:00	10.26	117.97	0.010	8.47	10.44	6.66
WLNG-DS	2025-05-20 10:30:00	10.42	118.49	0.012	8.47	10.39	8.46
WLNG-DS	2025-05-20 10:45:00	10.57	123.77	0.012	8.51	10.37	9.04
WLNG-DS	2025-05-20 11:00:00	10.53	119.97	0.009	8.48	10.38	23.35
WLNG-DS	2025-05-20 11:15:00	10.49	113.20	0.008	8.43	10.37	7.48
WLNG-DS	2025-05-20 11:30:00	10.57	120.61	0.009	8.50	10.39	13.05
WLNG-DS	2025-05-20 11:45:00	10.55	119.66	0.014	8.51	10.40	14.58
WLNG-DS	2025-05-20 12:00:00	10.39	103.37	0.011	8.41	10.38	11.08
WLNG-DS	2025-05-20 12:15:00	10.65	121.16	0.009	8.52	10.35	15.14
WLNG-DS	2025-05-20 12:30:00	10.69	121.19	0.008	8.50	10.32	13.73
WLNG-DS	2025-05-20 12:45:00	10.44	92.32	0.022	8.06	10.44	10.12
WLNG-DS	2025-05-20 13:00:00	10.81	120.64	0.013	8.48	10.32	17.43
WLNG-DS	2025-05-20 13:15:00	10.83	120.63	0.018	8.45	10.32	13.93
WLNG-DS	2025-05-20 13:30:00	10.51	85.89	0.011	8.25	10.37	5.99
WLNG-DS	2025-05-20 13:45:00	10.86	121.74	0.012	8.51	10.29	16.60
WLNG-DS	2025-05-20 14:00:00	10.87	119.34	0.012	8.51	10.29	15.40
WLNG-DS	2025-05-20 14:15:00	10.84	117.02	0.009	8.50	10.31	12.48
WLNG-DS	2025-05-20 14:30:00	10.81	116.93	0.013	8.49	10.30	25.95
WLNG-DS	2025-05-20 14:45:00	10.86	122.28	0.009	8.52	10.30	19.39
WLNG-DS	2025-05-20 15:00:00	10.87	121.23	0.011	8.52	10.30	31.96
WLNG-DS	2025-05-20 15:15:00	10.79	115.92	0.011	8.50	10.30	11.71
WLNG-DS	2025-05-20 15:30:00	10.81	112.85	0.012	8.49	10.29	14.25
WLNG-DS	2025-05-20 15:45:00	10.85	112.07	0.011	8.49	10.29	12.58
WLNG-DS	2025-05-20 16:00:00	10.86	112.31	0.010	8.48	10.28	14.95
WLNG-DS	2025-05-20 16:15:00	10.72	95.52	0.011	8.38	10.30	12.12
WLNG-DS	2025-05-20 16:30:00	10.88	115.41	0.014	8.48	10.27	15.36
WLNG-DS	2025-05-20 16:45:00	10.77	104.39	0.014	8.39	10.33	21.74
WLNG-DS	2025-05-20 17:00:00	10.87	117.03	0.010	8.50	10.28	16.83
WLNG-DS	2025-05-20 17:15:00	10.85	115.45	0.012	8.50	10.27	10.99
WLNG-DS	2025-05-20 17:30:00	10.83	113.57	0.012	8.49	10.30	14.56
WLNG-DS	2025-05-20 17:45:00	10.76	111.74	0.011	8.49	10.31	16.00
WLNG-DS	2025-05-20 18:00:00	10.63	92.83	0.014	8.41	10.34	13.66
WLNG-DS	2025-05-20 18:15:00	10.74	112.82	0.018	8.49	10.33	17.09
WLNG-DS	2025-05-20 18:30:00	10.64	100.84	0.020	8.37	10.37	11.16
WLNG-DS	2025-05-20 18:45:00	10.69	110.00	0.013	8.48	10.32	11.35
WLNG-DS	2025-05-20 19:00:00	10.65	112.87	0.013	8.50	10.32	19.91
WLNG-DS	2025-05-20 19:15:00	10.30	59.06	0.014	8.09	10.41	6.00
WLNG-DS	2025-05-20 19:30:00	10.59	112.43	0.014	8.48	10.34	11.81
WLNG-DS	2025-05-20 19:45:00	10.58	115.11	0.013	8.50	10.34	23.97
WLNG-DS	2025-05-20 20:00:00	10.26	63.01	0.013	8.20	10.43	4.72
WLNG-DS	2025-05-20 20:15:00	10.53	116.76	0.019	8.51	10.37	19.13
WLNG-DS	2025-05-20 20:30:00	10.54	114.95	0.013	8.51	10.39	12.69
WLNG-DS	2025-05-20 20:45:00	10.51	104.52	0.015	8.48	10.35	8.44

WoodFibre LNG Site (East Creek)							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
WLNG-DS	2025-05-20 21:00:00	10.04	47.74	0.022	7.96	10.49	2.69
WLNG-DS	2025-05-20 21:15:00	10.54	113.35	0.014	8.47	10.35	21.38
WLNG-DS	2025-05-20 21:30:00	10.08	54.87	0.015	8.14	10.46	3.55
WLNG-DS	2025-05-20 21:45:00	10.25	81.04	0.019	8.36	10.41	13.80
WLNG-DS	2025-05-20 22:00:00	10.54	117.13	0.018	8.49	10.37	13.70
WLNG-DS	2025-05-20 22:15:00	10.53	116.96	0.020	8.50	10.34	21.66
WLNG-DS	2025-05-20 22:30:00	10.51	116.34	0.025	8.49	10.35	24.11
WLNG-DS	2025-05-20 22:45:00	10.11	71.63	0.025	8.32	10.43	6.69
WLNG-DS	2025-05-20 23:00:00	10.29	108.52	0.038	8.34	10.48	18.32
WLNG-DS	2025-05-20 23:15:00	10.54	121.13	0.020	8.51	10.32	18.06
WLNG-DS	2025-05-20 23:30:00	10.43	109.61	0.017	8.49	10.31	25.58
WLNG-DS	2025-05-20 23:45:00	10.47	120.77	0.023	8.49	10.39	36.45
WLNG-DS	2025-05-21 00:00:00	10.29	96.18	0.017	8.42	10.42	23.21
WLNG-DS	2025-05-21 00:15:00	10.56	119.55	0.018	8.51	10.34	15.61
WLNG-DS	2025-05-21 00:30:00	10.59	120.44	0.022	8.52	10.31	21.18
WLNG-DS	2025-05-21 00:45:00	10.52	114.83	0.014	8.50	10.31	24.89
WLNG-DS	2025-05-21 01:00:00	10.54	119.15	0.014	8.51	10.34	21.44
WLNG-DS	2025-05-21 01:15:00	10.29	93.88	0.012	8.46	10.35	9.21
WLNG-DS	2025-05-21 01:30:00	10.47	118.93	0.017	8.49	10.36	20.51
WLNG-DS	2025-05-21 01:45:00	10.48	118.38	0.015	8.50	10.36	16.50
WLNG-DS	2025-05-21 02:00:00	10.48	118.46	0.019	8.51	10.35	24.38
WLNG-DS	2025-05-21 02:15:00	9.92	61.83	0.013	8.26	10.48	4.94
WLNG-DS	2025-05-21 02:30:00	10.41	114.91	0.019	8.48	10.35	26.34
WLNG-DS	2025-05-21 02:45:00	10.49	119.72	0.015	8.51	10.35	17.20
WLNG-DS	2025-05-21 03:00:00	10.54	121.29	0.014	8.51	10.33	23.50
WLNG-DS	2025-05-21 03:15:00	10.55	121.00	0.013	8.52	10.30	17.12
WLNG-DS	2025-05-21 03:30:00	10.52	118.95	0.014	8.51	10.31	20.46
WLNG-DS	2025-05-21 03:45:00	9.82	56.62	0.014	8.20	10.51	4.64
WLNG-DS	2025-05-21 04:00:00	10.47	120.25	0.017	8.50	10.33	15.73
WLNG-DS	2025-05-21 04:15:00	10.39	113.08	0.013	8.49	10.35	22.30
WLNG-DS	2025-05-21 04:30:00	10.38	114.89	0.013	8.49	10.38	9.26
WLNG-DS	2025-05-21 04:45:00	10.36	112.99	0.014	8.48	10.38	14.44
WLNG-DS	2025-05-21 05:00:00	10.35	109.49	0.015	8.47	10.42	18.35
WLNG-DS	2025-05-21 05:15:00	10.34	108.77	0.014	8.47	10.40	11.88
WLNG-DS	2025-05-21 05:30:00	10.25	108.98	0.018	8.43	10.46	17.92
WLNG-DS	2025-05-21 05:45:00	10.38	114.68	0.014	8.47	10.38	23.00
WLNG-DS	2025-05-21 06:00:00	10.46	120.29	0.015	8.49	10.37	17.97
WLNG-DS	2025-05-21 06:15:00	10.44	118.31	0.015	8.49	10.34	26.14
WLNG-DS	2025-05-21 06:30:00	9.67	53.43	0.019	8.15	10.58	4.43
WLNG-DS	2025-05-21 06:45:00	10.37	114.70	0.029	8.46	10.41	16.67
WLNG-DS	2025-05-21 07:00:00	10.24	101.82	0.021	8.43	10.45	19.70
WLNG-DS	2025-05-21 07:15:00	10.35	114.35	0.021	8.47	10.41	
WLNG-DS	2025-05-21 07:30:00	10.39	114.93	0.022	8.47	10.37	74.25
WLNG-DS	2025-05-21 07:45:00	10.38	111.87	0.020	8.47	10.38	24.15
WLNG-DS	2025-05-21 08:00:00	9.84	55.97	0.023	8.15	10.55	14.26

WoodFibre LNG Site (East Creek)							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
WLNG-DS	2025-05-21 08:15:00	10.38	111.11	0.021	8.45	10.44	20.53
WLNG-DS	2025-05-21 08:30:00	9.92	54.16	0.020	8.25	10.49	7.56
WLNG-DS	2025-05-21 08:45:00	9.69	34.23	0.035	7.93	10.60	15.80
WLNG-DS	2025-05-21 09:00:00	10.35	114.32	0.036	8.41	10.44	14.05
WLNG-DS	2025-05-21 09:15:00	10.42	107.44	0.030	8.40	10.42	11.12
WLNG-DS	2025-05-21 09:30:00	10.35	102.86	0.028	8.43	10.42	82.87
WLNG-DS	2025-05-21 09:45:00	10.41	106.06	0.034	8.26	10.42	5.29
WLNG-DS	2025-05-21 10:00:00	10.48	107.79	0.026	8.36	10.35	7.38
WLNG-DS	2025-05-21 10:15:00	10.48	94.26	0.026	8.39	10.40	9.21
WLNG-DS	2025-05-21 10:30:00	10.61	104.61	0.030	8.44	9.12	10.70
WLNG-DS	2025-05-21 10:45:00	10.70	102.45	0.028	8.47	10.35	9.91
WLNG-DS	2025-05-21 11:00:00	10.76	102.82	0.020	8.43	10.33	15.91
WLNG-DS	2025-05-21 11:15:00	10.75	71.50	0.024	8.38	10.33	7.99
WLNG-DS	2025-05-21 11:30:00	10.98	100.68	0.025	8.49	10.26	8.30
WLNG-DS	2025-05-21 11:45:00	11.07	102.17	0.026	8.52	10.26	6.61
WLNG-DS	2025-05-21 12:00:00	11.22	103.65	0.030	8.51	10.16	5.63
WLNG-DS	2025-05-21 12:15:00	11.42	81.09	0.030	8.48	10.19	7.84
WLNG-DS	2025-05-21 12:30:00	11.72	75.79	0.037	8.34	10.11	17.36
WLNG-DS	2025-05-21 12:45:00	11.60	97.42	0.032	8.43	10.13	7.91
WLNG-DS	2025-05-21 13:00:00	11.60	101.35	0.030	8.47	10.15	5.08
WLNG-DS	2025-05-21 13:15:00	11.57	101.49	0.025	8.42	10.12	5.57
WLNG-DS	2025-05-21 13:30:00	11.42	103.36	0.023	8.30	10.15	12.27
WLNG-DS	2025-05-21 13:45:00	11.31	102.20	0.021	8.35	10.15	13.70
WLNG-DS	2025-05-21 15:00:00	11.64	100.68	0.021	8.50	10.05	2.87
WLNG-DS	2025-05-21 16:00:00	11.59	103.70	0.021	8.42	10.10	11.51
WLNG-DS	2025-05-21 17:00:00	11.38	81.62	0.035	8.31	10.10	17.61
WLNG-DS	2025-05-21 18:00:00	11.15	103.42	0.031	8.47	10.20	7.50
WLNG-DS	2025-05-21 19:00:00	11.01	82.69	0.031	8.36	10.21	9.48
WLNG-DS	2025-05-21 20:00:00	10.80	106.52	0.030	8.51	10.27	5.95
WLNG-DS	2025-05-21 21:00:00	10.60	100.51	0.027	8.47	10.33	178.62
WLNG-DS	2025-05-21 22:00:00	10.54	108.63	0.027	8.50	10.36	12.78
WLNG-DS	2025-05-21 23:00:00	10.48	103.43	0.023	8.49	10.35	18.67
WLNG-DS	2025-05-22 00:00:00	10.51	113.26	0.022	8.53	10.33	12.27
WLNG-DS	2025-05-22 01:00:00	10.33	110.58	0.021	8.52	10.37	17.20
WLNG-DS	2025-05-22 02:00:00	10.26	108.77	0.023	8.50	10.40	20.54
WLNG-DS	2025-05-22 03:00:00	10.20	117.26	0.030	8.60	10.38	59.38
WLNG-DS	2025-05-22 04:00:00	10.24	119.88	0.024	8.54	10.39	9.40
WLNG-DS	2025-05-22 05:00:00	10.17	117.23	0.021	8.52	10.42	5.15
WLNG-DS	2025-05-22 06:00:00	10.10	112.07	0.024	8.51	10.45	6.48
WLNG-DS	2025-05-22 07:00:00	10.12	110.26	0.025	8.52	10.44	8.84
WLNG-DS	2025-05-22 08:00:00	9.93	80.63	0.025	8.48	10.34	7.02
WLNG-DS	2025-05-22 09:00:00	9.90	61.75	0.028	8.35	10.38	6.30
WLNG-DS	2025-05-22 10:00:00	10.62	110.93	0.027	8.54	10.35	7.57
WLNG-DS	2025-05-22 11:00:00	10.92	108.73	0.024	8.57	10.28	6.28
WLNG-DS	2025-05-22 12:00:00	11.18	109.04	0.021	8.61	10.21	12.30

WoodFibre LNG Site (East Creek)							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
WLNG-DS	2025-05-22 13:00:00	11.63	92.53	0.020	8.58	10.03	3.94
WLNG-DS	2025-05-22 14:00:00	11.69	107.73	0.021	8.66	10.06	6.02
WLNG-DS	2025-05-22 15:00:00	12.19	94.90	0.022	8.58	9.85	4.17
WLNG-DS	2025-05-22 16:00:00	11.78	111.05	0.019	8.59	10.02	6.82
WLNG-DS	2025-05-22 17:00:00	11.26	115.17	0.018	8.58	10.18	6.11
WLNG-DS	2025-05-22 18:00:00	11.19	96.81	0.019	8.57	10.05	3.23
WLNG-DS	2025-05-22 19:00:00	10.95	109.21	0.019	8.52	10.25	6.11
WLNG-DS	2025-05-22 20:00:00	10.95	111.91	0.018	8.56	10.25	5.84
WLNG-DS	2025-05-22 21:00:00	10.85	112.07	0.020	8.53	10.23	3.32
WLNG-DS	2025-05-22 22:00:00	10.71	109.70	0.020	8.49	10.31	22.81
WLNG-DS	2025-05-22 23:00:00	10.73	82.41	0.018	8.54	10.15	4.18
WLNG-DS	2025-05-23 00:00:00	10.70	118.22	0.021	8.49	10.31	7.63
WLNG-DS	2025-05-23 01:00:00	10.63	115.06	0.019	8.51	10.30	3.97
WLNG-DS	2025-05-23 02:00:00	10.60	109.59	0.016	8.50	10.29	5.60
WLNG-DS	2025-05-23 03:00:00	10.68	120.98	0.008	8.54	10.30	9.39
WLNG-DS	2025-05-23 04:00:00	10.58	120.34	0.009	8.50	10.32	5.46
WLNG-DS	2025-05-23 05:00:00	10.63	118.18	0.007	8.50	10.31	7.69
WLNG-DS	2025-05-23 06:00:00	10.47	112.39	0.009	8.50	10.36	18.25
WLNG-DS	2025-05-23 07:00:00	10.54	105.80	0.009	8.50	10.29	6.49
WLNG-DS	2025-05-23 08:00:00	10.66	117.06	0.008	8.53	10.30	6.34
WLNG-DS	2025-05-23 09:00:00	10.76	115.47	0.008	8.54	10.28	13.57
WLNG-DS	2025-05-23 10:00:00	10.99	111.93	0.010	8.54	10.24	4.97
WLNG-DS	2025-05-23 11:00:00	11.30	116.29	0.008	8.57	10.19	12.01
WLNG-DS	2025-05-23 12:00:00	11.55	114.53	0.009	8.56	10.11	13.19
WLNG-DS	2025-05-23 13:00:00	11.86	109.06	0.009	8.55	10.03	17.09
WLNG-DS	2025-05-23 14:00:00	12.01	110.18	0.012	8.55	9.98	10.21
WLNG-DS	2025-05-23 15:00:00	11.94	113.42	0.012	8.56	10.03	6.89
WLNG-DS	2025-05-23 16:00:00	11.98	118.97	0.010	8.57	9.98	10.23
WLNG-DS	2025-05-23 17:00:00	11.90	121.43	0.007	8.58	10.02	7.42
WLNG-DS	2025-05-23 18:00:00	11.71	116.76	0.006	8.56	10.07	15.12
WLNG-DS	2025-05-23 19:00:00	11.32	100.92	0.008	8.53	10.12	5.47
WLNG-DS	2025-05-23 20:00:00	11.06	113.50	0.011	8.54	10.22	20.03
WLNG-DS	2025-05-23 21:00:00	11.07	100.54	0.010	8.57	10.05	3.52
WLNG-DS	2025-05-23 22:00:00	11.01	116.44	0.009	8.54	10.23	11.91
WLNG-DS	2025-05-23 23:00:00	10.95	107.10	0.010	8.50	10.22	6.89
WLNG-DS	2025-05-24 00:00:00	11.01	116.52	0.009	8.55	10.23	5.14
WLNG-DS	2025-05-24 01:00:00	10.89	116.26	0.009	8.54	10.26	8.96
WLNG-DS	2025-05-24 02:00:00	10.67	95.56	0.010	8.44	10.29	11.40
WLNG-DS	2025-05-24 03:00:00	10.75	120.01	0.008	8.52	10.29	8.90
WLNG-DS	2025-05-24 04:00:00	10.75	119.00	0.011	8.48	10.29	6.17
WLNG-DS	2025-05-24 05:00:00	10.71	119.78	0.018	8.48	10.31	10.59
WLNG-DS	2025-05-24 06:00:00	10.61	114.12	0.011	8.51	10.32	7.93
WLNG-DS	2025-05-24 07:00:00	10.58	103.96	0.011	8.52	10.28	6.07
WLNG-DS	2025-05-24 08:00:00	10.57	105.14	0.013	8.50	10.33	8.23
WLNG-DS	2025-05-24 09:00:00	10.76	114.27	0.012	8.55	10.28	9.83

WoodFibre LNG Site (East Creek)							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
WLNG-DS	2025-05-24 10:00:00	10.96	112.52	0.013	8.54	10.24	7.51
WLNG-DS	2025-05-24 11:00:00	11.45	99.22	0.013	8.55	10.11	13.90
WLNG-DS	2025-05-24 12:00:00	11.89	105.16	0.014	8.56	10.00	16.20
WLNG-DS	2025-05-24 13:00:00	12.27	106.11	0.015	8.57	9.91	10.09
WLNG-DS	2025-05-24 14:00:00	12.53	83.30	0.013	8.53	9.75	3.43
WLNG-DS	2025-05-24 15:00:00	12.30	117.93	0.011	8.58	9.89	6.73
WLNG-DS	2025-05-24 16:00:00	12.10	116.23	0.011	8.57	9.93	4.66
WLNG-DS	2025-05-24 17:00:00	12.05	117.76	0.012	8.57	9.94	4.30
WLNG-DS	2025-05-24 18:00:00	11.88	115.38	0.009	8.63	9.95	6.80
WLNG-DS	2025-05-24 19:00:00	11.55	119.01	0.012	8.58	10.04	3.92
WLNG-DS	2025-05-24 20:00:00	11.54	117.93	0.013	8.58	10.05	3.81
WLNG-DS	2025-05-24 21:00:00	11.54	104.53	0.012	8.59	10.03	6.25
WLNG-DS	2025-05-24 22:00:00	11.40	108.13	0.011	8.58	10.05	7.63
WLNG-DS	2025-05-24 23:00:00	11.47	122.33	0.010	8.60	10.05	5.57
WLNG-DS	2025-05-25 00:00:00	11.41	124.49	0.011	8.59	10.06	2.87
WLNG-DS	2025-05-25 01:00:00	11.32	21.28	0.010	8.61	9.80	4.96
WLNG-DS	2025-05-25 02:00:00	11.17	114.60	0.014	8.55	10.14	3.13
WLNG-DS	2025-05-25 03:00:00	11.21	62.92	0.011	8.61	9.98	11.27
WLNG-DS	2025-05-25 04:00:00	11.13	128.12	0.011	8.63	10.12	3.97
WLNG-DS	2025-05-25 05:00:00	10.92	125.03	0.012	8.59	10.19	5.08
WLNG-DS	2025-05-25 06:00:00	10.71	104.62	0.012	8.53	10.23	2.36


Turbidity (NTU)
4000
3000
2000
1000
0
19-May
20-May
21-May
22-May
23-May
24-May
25-May
26-May
Guideline
BC FWAL - Chronic
Monitoring location
EAS-DS
EAS-US

Appendix E: Lab Documentation

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 105067

Attention: Jennifer Choyce

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

Report Date: 2025/05/30
Report #: R3667653
Version: 3 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C546336
Received: 2025/05/21, 18:00

Sample Matrix: Water
Samples Received: 9

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity @25C (pp, total), CO3,HCO3,OH	3	N/A	2025/05/23	BBY6SOP-00026	SM 24 2320 B m
Alkalinity @25C (pp, total), CO3,HCO3,OH	3	N/A	2025/05/25	BBY6SOP-00026	SM 24 2320 B m
Chloride/Sulphate by Auto Colourimetry	6	N/A	2025/05/24	BBY6SOP-00011 / BBY6SOP-00017	SM24-4500-Cl/SO4-E m
Chromium III (Calc'd)	6	N/A	2025/05/28		
Total Hexavalent Chromium	6	N/A	2025/05/28	BBY6SOP-00054	SM 24 3500-Cr B m
Carbon (DOC) -Lab Filtered (2)	6	N/A	2025/05/22	BBY6SOP-00053	SM 24 5310 B m
Oxygen (Dissolved) (3)	3	N/A	2025/05/22	BBY6SOP-00045	SM 24 4500-O G m
Fluoride	6	N/A	2025/05/27	BBY6SOP-00037	SM 24 4500-F C m
Glycols in Water by GC/FID (1)	2	N/A	2025/05/26	CAL SOP-00093	BCMOE Glycols 09/17
Sulphide (as H2S) (1)	6	N/A	2025/05/27		Auto Calc
Un-ionized Hydrogen Sulphide as S Calc	6	N/A	2025/05/27	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (4)	6	N/A	2025/05/28	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3)	6	N/A	2025/05/26	BBY WI-00033	Auto Calc
Mercury (Dissolved) by CV-Lab Filtered	6	2025/05/27	2025/05/27	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Total) by CV	6	2025/05/23	2025/05/23	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Bromide as Bromine (Br) by ICPMS	6	N/A	2025/05/27	BBY7SOP-00002	EPA 6020B R2 m
EPH in Water when PAH required	2	2025/05/27	2025/05/27	BBY8SOP-00029	BCMOE BCLM Sep2017 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	6	N/A	2025/05/26	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (lab filter) (5)	6	N/A	2025/05/26	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Digested LL (total)	6	2025/05/26	2025/05/27	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total)	6	N/A	2025/05/28	BBY WI-00033	Auto Calc
Nitrogen (Total)	6	N/A	2025/05/29	BBY6SOP-00016	SM 24 4500-N C m
Ammonia-N (Total)	6	N/A	2025/05/22	AB SOP-00007	SM 24 4500 NH3 A G m
Nitrate + Nitrite (N)	5	N/A	2025/05/22	BBY6SOP-00010	SM 24 4500-NO3- H m
Nitrate + Nitrite (N)	1	N/A	2025/05/30	BBY6SOP-00010	SM 24 4500-NO3- H m
Nitrite (N) Regular Level Water	5	N/A	2025/05/22	BBY6SOP-00010	SM 24 4500-NO2- m
Nitrite (N) Regular Level Water	1	N/A	2025/05/30	BBY6SOP-00010	SM 24 4500-NO2- m
Nitrogen - Nitrate (as N)	5	N/A	2025/05/23	BBY WI-00033	Auto Calc
Nitrogen - Nitrate (as N)	1	N/A	2025/05/30	BBY WI-00033	Auto Calc

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

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

Report Date: 2025/05/30
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Version: 3 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C546336
Received: 2025/05/21, 18:00

Sample Matrix: Water
Samples Received: 9

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
PAH in Water by GC/MS (SIM)	1	2025/05/27	2025/05/27	BBY8SOP-00021	BCMOE BCLM Jul2017m
PAH in Water by GC/MS (SIM)	1	2025/05/27	2025/05/28	BBY8SOP-00021	BCMOE BCLM Jul2017m
Total LMW, HMW, Total PAH Calc (6)	2	N/A	2025/05/28	BBY WI-00033	Auto Calc
pH @25°C (7)	3	N/A	2025/05/23	BBY6SOP-00026	SM 24 4500-H+ B m
pH @25°C (7)	3	N/A	2025/05/25	BBY6SOP-00026	SM 24 4500-H+ B m
Phenols (4-AAP) (1)	2	N/A	2025/05/23	AB SOP-00088	EPA 9066 R0 m
Rainbow Trout LC50 Multi-concentration	1	N/A	2025/05/22	BBY2SOP-00004	EPS1/RM/13(2nd)&RM/9
Total Sulphide (1)	6	2025/05/26	2025/05/27	AB SOP-00080	SM 24 4500 S2-A D Fm
Total Dissolved Solids (Filt. Residue)	6	2025/05/27	2025/05/28	BBY6SOP-00033	SM 24 2540 C m
EPH less PAH in Water by GC/FID (8)	2	N/A	2025/05/28	BBY WI-00033	Auto Calc
Carbon (Total Organic) (9)	6	N/A	2025/05/28	BBY6SOP-00053	SM 24 5310 B m
Total Phosphorus Low Level Total	6	2025/05/27	2025/05/28	BBY6SOP-00013	SM 24 4500-P E m
Total Suspended Solids (NFR)	6	2025/05/27	2025/05/28	BBY6SOP-00034	SM 24 2540 D m
Field pH	6	N/A	2025/05/22	Field Test	Field Test
Field Temperature	6	N/A	2025/05/22	Field Test	Field Test
VOCs, VH, F1, LH in Water by HS GC/MS	2	N/A	2025/05/24	BBY8SOP-00009 / BBY8SOP-00011 / BBY8SOP-00012	BCMOE BCLM Jul2017 m
Volatile HC-BTEX (10)	2	N/A	2025/05/25	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

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 105067

Attention: Jennifer Choyce

HATFIELD CONSULTANTS
N. VANCOUVER
200-850 Harbourside Dr
North Vancouver, BC
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Report Date: 2025/05/30
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Version: 3 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C546336

Received: 2025/05/21, 18:00

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) The APHA Standard Method requires dissolved oxygen to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory dissolved oxygen analyses in this report are reported past the APHA Standard Method holding time. Bureau Veritas endeavors to analyze samples as soon as possible after receipt.
(4) "Total Hardness" was calculated from Total Ca and Mg concentrations and may be biased high (Hardness, or Dissolved Hardness, calculated from Dissolved Ca and Mg, should be used for compliance if available).
(5) 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.
(6) 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.
(7) 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.
(8) LEPH = EPH (C10 to C19) - (Acenaphthene + Acridine + Anthracene + Fluorene + Naphthalene + Phenanthrene)
HEPH = EPH (C19 to C32) - (Benzo(a)anthracene + Benzo(a)pyrene + Fluoranthene + Pyrene)
(9) TOC present in the sample should be considered as non-purgeable TOC.
(10) 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 Raphael Kwan, General Manager, BC and Yukon Regions responsible for British Columbia Environmental laboratory operations.

Bureau Veritas Job #: C546336
Report Date: 2025/05/30

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

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DLL227			DLL227			DLL228		
Sampling Date		2025/05/21			2025/05/21			2025/05/21		
COC Number		105067			105067			105067		
	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	B958062				ND	0.0050	B958062
Calculated Parameters										
Total Chromium III	mg/L	ND	0.00099	B957327				ND	0.00099	B957327
Dissolved Hardness (CaCO3)	mg/L	39.5	0.50	B957110				53.0	0.50	B957110
Total Hardness (CaCO3)	mg/L	35.8	0.50	B957108				49.5	0.50	B957108
Nitrate (N)	mg/L	0.152	0.020	B957340				ND	0.020	B957340
Sulphide (as H2S)	mg/L	ND	0.0020	B956945				ND	0.0020	B956945
Field Parameters										
Field pH	pH	7.28	N/A	ONSITE				7.13	N/A	ONSITE
Field Temperature	°C	12.2	N/A	ONSITE				11.8	N/A	ONSITE
Misc. Inorganics										
pH	pH	7.74	N/A	B959298	7.74	N/A	B959298	7.45	N/A	B957840
Total Organic Carbon (C)	mg/L	1.6	0.50	B964628	1.6	0.50	B964628	1.4	0.50	B964628
Total Dissolved Solids	mg/L	72	10	B962857				88	10	B962857
Total Suspended Solids	mg/L	4.0	1.0	B962007	4.4	1.0	B962007	4.0	1.0	B962007
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	1.5	0.50	B957659				1.2	0.50	B957659
Anions										
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	B959289	ND	1.0	B959289	ND	1.0	B957838
Alkalinity (Total as CaCO3)	mg/L	40	1.0	B959289	41	1.0	B959289	48	1.0	B957838
Bicarbonate (HCO3)	mg/L	49	1.0	B959289	50	1.0	B959289	59	1.0	B957838
Carbonate (CO3)	mg/L	ND	1.0	B959289	ND	1.0	B959289	ND	1.0	B957838
Dissolved Fluoride (F)	mg/L	0.10	0.050	B962932				0.14	0.050	B962932
Hydroxide (OH)	mg/L	ND	1.0	B959289	ND	1.0	B959289	ND	1.0	B957838
Total Sulphide	mg/L	ND	0.0018	B961216	ND	0.0018	B961216	ND	0.0018	B961216
Chloride (Cl)	mg/L	6.0	1.0	B960181				7.2	1.0	B960181
Sulphate (SO4)	mg/L	6.1	1.0	B960181				6.8	1.0	B960181
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	B964590				ND	0.00099	B964590

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 #: C546336
Report Date: 2025/05/30

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

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DLL227			DLL227			DLL228		
Sampling Date		2025/05/21			2025/05/21			2025/05/21		
COC Number		105067			105067			105067		
	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	B957957				0.016	0.015	B957957
Total Phosphorus (P)	mg/L	0.012	0.0010	B963317				0.0014	0.0010	B963317
Nitrate plus Nitrite (N)	mg/L	0.152	0.020	B958060				ND	0.020	B958060
Total Nitrogen (N)	mg/L	0.206	0.020	B964673				0.226	0.020	B964673
Misc. Organics										
Phenols	mg/L							ND	0.0015	B959054
Rainbow Trout										
LC50	% vol/vol							ATTACHED	N/A	B958151

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Bureau Veritas Job #: C546336
Report Date: 2025/05/30

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

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DLL229		DLL230		DLL231		
Sampling Date		2025/05/21		2025/05/21		2025/05/21		
COC Number		105067		105067		105067		
	UNITS	WLNG-US	QC Batch	SQRI-US	QC Batch	SQRI-DS	RDL	QC Batch
ANIONS								
Nitrite (N)	mg/L	ND	B958062	ND	B958062	ND	0.0050	B967975
Calculated Parameters								
Total Chromium III	mg/L	ND	B957327	ND	B957327	ND	0.00099	B957327
Dissolved Hardness (CaCO3)	mg/L	8.15	B957110	13.5	B957110	13.1	0.50	B957110
Total Hardness (CaCO3)	mg/L	7.44	B957108	12.5	B957108	12.1	0.50	B957108
Nitrate (N)	mg/L	0.050	B957340	ND	B957340	0.031	0.020	B965745
Sulphide (as H2S)	mg/L	ND	B956945	ND	B956945	ND	0.0020	B956945
Field Parameters								
Field pH	pH	7.58	ONSITE	6.1	ONSITE	6.1	N/A	ONSITE
Field Temperature	°C	11.5	ONSITE	7.4	ONSITE	7.5	N/A	ONSITE
Misc. Inorganics								
pH	pH	6.44	B957840	6.54	B957840	7.05	N/A	B959298
Total Organic Carbon (C)	mg/L	2.4	B964628	1.9	B964628	1.9	0.50	B964628
Total Dissolved Solids	mg/L	24	B962857	32	B962857	34	10	B962857
Total Suspended Solids	mg/L	1.2	B962007	11	B962007	5.6	1.0	B962007
Lab Filtered Inorganics								
Dissolved Organic Carbon (C)	mg/L	2.4	B957659	2.0	B957659	1.8	0.50	B957659
Anions								
Alkalinity (PP as CaCO3)	mg/L	ND	B957838	ND	B957838	ND	1.0	B959289
Alkalinity (Total as CaCO3)	mg/L	5.7	B957838	11	B957838	11	1.0	B959289
Bicarbonate (HCO3)	mg/L	7.0	B957838	14	B957838	13	1.0	B959289
Carbonate (CO3)	mg/L	ND	B957838	ND	B957838	ND	1.0	B959289
Dissolved Fluoride (F)	mg/L	ND	B962994	ND	B962932	ND	0.050	B962932
Hydroxide (OH)	mg/L	ND	B957838	ND	B957838	ND	1.0	B959289
Total Sulphide	mg/L	ND	B961216	ND	B961216	ND	0.0018	B961216
Chloride (Cl)	mg/L	ND	B960181	ND	B960181	ND	1.0	B960181
Sulphate (SO4)	mg/L	3.5	B960181	2.8	B960181	2.7	1.0	B960181
Metals								
Total Hex. Chromium (Cr 6+)	mg/L	ND	B964590	ND	B964590	ND	0.00099	B964590

RDL = Reportable Detection Limit
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N/A = Not Applicable

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

Bureau Veritas Job #: C546336
Report Date: 2025/05/30

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

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DLL229		DLL230		DLL231		
Sampling Date		2025/05/21		2025/05/21		2025/05/21		
COC Number		105067		105067		105067		
	UNITS	WLNG-US	QC Batch	SQRI-US	QC Batch	SQRI-DS	RDL	QC Batch
Nutrients								
Total Ammonia (N)	mg/L	ND	B957957	0.025	B957957	0.018	0.015	B957957
Total Phosphorus (P)	mg/L	0.013	B963317	0.0083	B963317	0.0083	0.0010	B963317
Nitrate plus Nitrite (N)	mg/L	0.050	B958060	ND	B958060	0.031	0.020	B967974
Total Nitrogen (N)	mg/L	0.160	B964673	0.116	B964673	0.108	0.020	B964673

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Bureau Veritas Job #: C546336
Report Date: 2025/05/30

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

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DLL232			DLL232			DLL233		
Sampling Date		2025/05/21			2025/05/21			2025/05/21		
COC Number		105067			105067			105067		
	UNITS	WLNG - EOP - DUP	RDL	QC Batch	WLNG - EOP - DUP Lab-Dup	RDL	QC Batch	WF-H20-001	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	ND	0.0050	B958062						
Calculated Parameters										
Total Chromium III	mg/L	ND	0.00099	B957327						
Dissolved Hardness (CaCO3)	mg/L	52.9	0.50	B957110						
Total Hardness (CaCO3)	mg/L	47.6	0.50	B957108						
Nitrate (N)	mg/L	ND	0.020	B957340						
Sulphide (as H2S)	mg/L	ND	0.0020	B956945						
Field Parameters										
Field pH	pH	7.13	N/A	ONSITE						
Field Temperature	°C	11.8	N/A	ONSITE						
Misc. Inorganics										
Dissolved Oxygen (O2)	mg/L							9.5	0.10	B957392
pH	pH	7.76	N/A	B959298						
Total Organic Carbon (C)	mg/L	1.2	0.50	B964628						
Total Dissolved Solids	mg/L	84	10	B962857						
Total Suspended Solids	mg/L	ND	1.0	B962007						
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	0.99	0.50	B957659						
Anions										
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	B959289						
Alkalinity (Total as CaCO3)	mg/L	48	1.0	B959289						
Bicarbonate (HCO3)	mg/L	58	1.0	B959289						
Carbonate (CO3)	mg/L	ND	1.0	B959289						
Dissolved Fluoride (F)	mg/L	0.14	0.050	B962932						
Hydroxide (OH)	mg/L	ND	1.0	B959289						
Total Sulphide	mg/L	ND	0.0018	B961216						
Chloride (Cl)	mg/L	6.8	1.0	B960181						
Sulphate (SO4)	mg/L	6.8	1.0	B960181						

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 #: C546336
Report Date: 2025/05/30

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

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DLL232			DLL232			DLL233		
Sampling Date		2025/05/21			2025/05/21			2025/05/21		
COC Number		105067			105067			105067		
	UNITS	WLNG - EOP - DUP	RDL	QC Batch	WLNG - EOP - DUP Lab-Dup	RDL	QC Batch	WF-H20-001	RDL	QC Batch
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	B964590	ND	0.00099	B964590			
Nutrients										
Total Ammonia (N)	mg/L	ND	0.015	B957957						
Total Phosphorus (P)	mg/L	0.0024	0.0010	B963317						
Nitrate plus Nitrite (N)	mg/L	ND	0.020	B958060						
Total Nitrogen (N)	mg/L	0.191	0.020	B964677						
Misc. Organics										
Phenols	mg/L	ND	0.0015	B959054	ND	0.0015	B959054			

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		DLL234	DLL235	DLL235		
Sampling Date		2025/05/21	2025/05/21	2025/05/21		
COC Number		105067	105067	105067		
	UNITS	WF-H20-002	WF-H20-003	WF-H20-003 Lab-Dup	RDL	QC Batch
Misc. Inorganics						
Dissolved Oxygen (O2)	mg/L	8.5	9.6	9.6	0.10	B957392

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate

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

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

GLYCOLS BY GC-FID (WATER)

Bureau Veritas ID		DLL228	DLL232		
Sampling Date		2025/05/21	2025/05/21		
COC Number		105067	105067		
	UNITS	WLNG -EOP	WLNG - EOP - DUP	RDL	QC Batch
Glycols					
Ethylene Glycol	mg/L	ND	ND	3.0	B960826
Diethylene Glycol	mg/L	ND	ND	5.0	B960826
Triethylene Glycol	mg/L	ND	ND	5.0	B960826
Propylene Glycol	mg/L	ND	ND	5.0	B960826
Surrogate Recovery (%)					
Methyl Sulfone (sur.)	%	73	72		B960826

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

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

Bureau Veritas Job #: C546336
Report Date: 2025/05/30

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

MERCURY BY COLD VAPOR (WATER)

Bureau Veritas ID		DLL227	DLL228	DLL229	DLL230	DLL231	DLL232		
Sampling Date		2025/05/21	2025/05/21	2025/05/21	2025/05/21	2025/05/21	2025/05/21		
COC Number		105067	105067	105067	105067	105067	105067		
	UNITS	WLNG-DS	WLNG -EOP	WLNG-US	SQRI-US	SQRI-DS	WLNG - EOP - DUP	RDL	QC Batch
Elements									
Total Mercury (Hg)	ug/L	ND	0.0026	0.0020	0.0021	ND	ND	0.0019	B959410
Lab Filtered Elements									
Dissolved Mercury (Hg)	ug/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.0019	B962767

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

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DLL227			DLL227			DLL228	DLL229		
Sampling Date		2025/05/21			2025/05/21			2025/05/21	2025/05/21		
COC Number		105067			105067			105067	105067		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	WLNG-US	RDL	QC Batch
ANIONS											
Bromide (Br)	mg/L	ND	0.010	B961546				ND	ND	0.010	B961546
Dissolved Metals by ICPMS											
Dissolved Calcium (Ca)	mg/L	14.8	0.050	B957116				20.0	2.72	0.050	B957116
Dissolved Magnesium (Mg)	mg/L	0.650	0.050	B957116				0.747	0.329	0.050	B957116
Dissolved Potassium (K)	mg/L	0.817	0.050	B957116				1.42	0.196	0.050	B957116
Dissolved Sodium (Na)	mg/L	3.39	0.050	B957116				3.98	1.38	0.050	B957116
Dissolved Sulphur (S)	mg/L	ND	3.0	B957116				ND	ND	3.0	B957116
Lab Filtered Metals											
Dissolved Aluminum (Al)	ug/L	64.5	0.50	B959730				49.7	46.4	0.50	B959730
Dissolved Antimony (Sb)	ug/L	0.168	0.020	B959730				0.230	0.026	0.020	B959730
Dissolved Arsenic (As)	ug/L	1.22	0.020	B959730				1.64	0.104	0.020	B959730
Dissolved Barium (Ba)	ug/L	4.39	0.020	B959730				3.15	3.18	0.020	B959730
Dissolved Beryllium (Be)	ug/L	ND	0.010	B959730				ND	ND	0.010	B959730
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	B959730				ND	ND	0.0050	B959730
Dissolved Boron (B)	ug/L	ND	10	B959730				12	ND	10	B959730
Dissolved Cadmium (Cd)	ug/L	0.0106	0.0050	B959730				0.0175	0.0074	0.0050	B959730
Dissolved Cesium (Cs)	ug/L	ND	0.050	B959730				ND	ND	0.050	B959730
Dissolved Chromium (Cr)	ug/L	0.22	0.10	B959730				0.28	ND	0.10	B959730
Dissolved Cobalt (Co)	ug/L	0.0357	0.0050	B959730				0.0511	0.0292	0.0050	B959730
Dissolved Copper (Cu)	ug/L	0.227	0.050	B959730				0.366	0.690	0.050	B959730
Dissolved Iron (Fe)	ug/L	5.3	1.0	B959730				ND	23.5	1.0	B959730
Dissolved Lead (Pb)	ug/L	0.0112	0.0050	B959730				0.0127	0.0099	0.0050	B959730
Dissolved Lithium (Li)	ug/L	1.25	0.50	B959730				2.00	ND	0.50	B959730
Dissolved Manganese (Mn)	ug/L	3.82	0.050	B959730				9.63	1.36	0.050	B959730
Dissolved Molybdenum (Mo)	ug/L	12.0	0.050	B959730				17.8	0.358	0.050	B959730
Dissolved Nickel (Ni)	ug/L	0.167	0.020	B959730				0.087	0.302	0.020	B959730
Dissolved Phosphorus (P)	ug/L	2.9	2.0	B959730				2.8	10.3	2.0	B959730
Dissolved Rubidium (Rb)	ug/L	1.62	0.050	B959730				3.05	0.372	0.050	B959730
Dissolved Selenium (Se)	ug/L	0.040	0.040	B959730				0.057	ND	0.040	B959730
Dissolved Silicon (Si)	ug/L	4920	50	B959730				5580	3670	50	B959730

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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		DLL227			DLL227			DLL228	DLL229		
Sampling Date		2025/05/21			2025/05/21			2025/05/21	2025/05/21		
COC Number		105067			105067			105067	105067		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	WLNG-US	RDL	QC Batch
Dissolved Silver (Ag)	ug/L	ND	0.0050	B959730				ND	ND	0.0050	B959730
Dissolved Strontium (Sr)	ug/L	27.8	0.050	B959730				34.8	10.6	0.050	B959730
Dissolved Tellurium (Te)	ug/L	ND	0.020	B959730				ND	ND	0.020	B959730
Dissolved Thallium (Tl)	ug/L	0.0072	0.0020	B959730				0.0121	0.0020	0.0020	B959730
Dissolved Thorium (Th)	ug/L	ND	0.0050	B959730				0.0059	0.0153	0.0050	B959730
Dissolved Tin (Sn)	ug/L	ND	0.20	B959730				ND	ND	0.20	B959730
Dissolved Titanium (Ti)	ug/L	ND	0.50	B959730				ND	ND	0.50	B959730
Dissolved Uranium (U)	ug/L	1.13	0.0020	B959730				1.33	0.0790	0.0020	B959730
Dissolved Vanadium (V)	ug/L	0.36	0.20	B959730				0.52	ND	0.20	B959730
Dissolved Zinc (Zn)	ug/L	0.52	0.10	B959730				2.09	1.27	0.10	B959730
Dissolved Zirconium (Zr)	ug/L	ND	0.10	B959730				ND	ND	0.10	B959730
Total Metals by ICPMS											
Total Aluminum (Al)	ug/L	636	3.0	B961717	631	3.0	B961717	291	96.8	3.0	B961717
Total Antimony (Sb)	ug/L	0.178	0.020	B961717	0.182	0.020	B961717	0.232	0.022	0.020	B961717
Total Arsenic (As)	ug/L	1.79	0.020	B961717	1.80	0.020	B961717	1.96	0.099	0.020	B961717
Total Barium (Ba)	ug/L	7.78	0.050	B961717	7.83	0.050	B961717	3.90	3.41	0.050	B961717
Total Beryllium (Be)	ug/L	ND	0.010	B961717	ND	0.010	B961717	ND	ND	0.010	B961717
Total Bismuth (Bi)	ug/L	0.047	0.010	B961717	0.050	0.010	B961717	ND	ND	0.010	B961717
Total Boron (B)	ug/L	11	10	B961717	10	10	B961717	12	ND	10	B961717
Total Cadmium (Cd)	ug/L	0.0260	0.0050	B961717	0.0234	0.0050	B961717	0.0191	0.0050	0.0050	B961717
Total Cesium (Cs)	ug/L	0.070	0.050	B961717	0.063	0.050	B961717	ND	ND	0.050	B961717
Total Chromium (Cr)	ug/L	0.37	0.10	B961717	0.40	0.10	B961717	0.34	ND	0.10	B961717
Total Cobalt (Co)	ug/L	0.093	0.010	B961717	0.101	0.010	B961717	0.062	0.041	0.010	B961717
Total Copper (Cu)	ug/L	1.02	0.10	B961717	1.06	0.10	B961717	1.04	0.68	0.10	B961717
Total Iron (Fe)	ug/L	367	5.0	B961717	371	5.0	B961717	104	61.9	5.0	B961717
Total Lead (Pb)	ug/L	0.176	0.020	B961717	0.185	0.020	B961717	0.163	0.033	0.020	B961717
Total Lithium (Li)	ug/L	1.65	0.50	B961717	1.69	0.50	B961717	2.38	ND	0.50	B961717
Total Manganese (Mn)	ug/L	14.7	0.10	B961717	14.7	0.10	B961717	11.5	2.71	0.10	B961717
Total Molybdenum (Mo)	ug/L	11.2	0.050	B961717	11.2	0.050	B961717	16.9	0.323	0.050	B961717
Total Nickel (Ni)	ug/L	0.24	0.10	B961717	0.22	0.10	B961717	0.12	0.30	0.10	B961717
Total Phosphorus (P)	ug/L	15.8	5.0	B961717	13.9	5.0	B961717	7.1	14.9	5.0	B961717

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		DLL227			DLL227			DLL228	DLL229		
Sampling Date		2025/05/21			2025/05/21			2025/05/21	2025/05/21		
COC Number		105067			105067			105067	105067		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	WLNG-US	RDL	QC Batch
Total Rubidium (Rb)	ug/L	2.04	0.050	B961717	1.98	0.050	B961717	2.90	0.352	0.050	B961717
Total Selenium (Se)	ug/L	0.048	0.040	B961717	0.046	0.040	B961717	0.062	ND	0.040	B961717
Total Silicon (Si)	ug/L	5330	50	B961717	5350	50	B961717	5760	3440	50	B961717
Total Silver (Ag)	ug/L	ND	0.010	B961717	ND	0.010	B961717	ND	ND	0.010	B961717
Total Strontium (Sr)	ug/L	29.5	0.050	B961717	29.7	0.050	B961717	35.9	10.6	0.050	B961717
Total Tellurium (Te)	ug/L	ND	0.020	B961717	ND	0.020	B961717	ND	ND	0.020	B961717
Total Thallium (Tl)	ug/L	0.0135	0.0020	B961717	0.0133	0.0020	B961717	0.0126	0.0024	0.0020	B961717
Total Thorium (Th)	ug/L	0.075	0.050	B961717	0.065	0.050	B961717	ND	ND	0.050	B961717
Total Tin (Sn)	ug/L	ND	0.20	B961717	ND	0.20	B961717	ND	ND	0.20	B961717
Total Titanium (Ti)	ug/L	15.6	2.0	B961717	16.5	2.0	B961717	4.2	ND	2.0	B961717
Total Uranium (U)	ug/L	1.69	0.0050	B961717	1.70	0.0050	B961717	1.61	0.0763	0.0050	B961717
Total Vanadium (V)	ug/L	0.68	0.20	B961717	0.72	0.20	B961717	0.59	ND	0.20	B961717
Total Zinc (Zn)	ug/L	2.9	1.0	B961717	3.0	1.0	B961717	3.9	1.4	1.0	B961717
Total Zirconium (Zr)	ug/L	ND	0.10	B961717	ND	0.10	B961717	ND	ND	0.10	B961717
Total Calcium (Ca)	mg/L	13.0	0.25	B957119				18.3	2.35	0.25	B957119
Total Magnesium (Mg)	mg/L	0.79	0.25	B957119				0.91	0.38	0.25	B957119
Total Potassium (K)	mg/L	0.83	0.25	B957119				1.39	ND	0.25	B957119
Total Sodium (Na)	mg/L	3.51	0.25	B957119				4.29	1.33	0.25	B957119
Total Sulphur (S)	mg/L	ND	3.0	B957119				ND	ND	3.0	B957119

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		DLL230	DLL231			DLL231		
Sampling Date		2025/05/21	2025/05/21			2025/05/21		
COC Number		105067	105067			105067		
	UNITS	SQRI-US	SQRI-DS	RDL	QC Batch	SQRI-DS Lab-Dup	RDL	QC Batch
ANIONS								
Bromide (Br)	mg/L	ND	ND	0.010	B961546			
Dissolved Metals by ICPMS								
Dissolved Calcium (Ca)	mg/L	4.76	4.65	0.050	B957116			
Dissolved Magnesium (Mg)	mg/L	0.384	0.369	0.050	B957116			
Dissolved Potassium (K)	mg/L	0.348	0.359	0.050	B957116			
Dissolved Sodium (Na)	mg/L	1.24	1.17	0.050	B957116			
Dissolved Sulphur (S)	mg/L	ND	ND	3.0	B957116			
Lab Filtered Metals								
Dissolved Aluminum (Al)	ug/L	39.8	36.6	0.50	B959730	37.0	0.50	B959730
Dissolved Antimony (Sb)	ug/L	ND	ND	0.020	B959730	ND	0.020	B959730
Dissolved Arsenic (As)	ug/L	0.091	0.098	0.020	B959730	0.093	0.020	B959730
Dissolved Barium (Ba)	ug/L	5.88	5.69	0.020	B959730	5.75	0.020	B959730
Dissolved Beryllium (Be)	ug/L	ND	ND	0.010	B959730	ND	0.010	B959730
Dissolved Bismuth (Bi)	ug/L	ND	ND (1)	0.0050	B959730	ND	0.0050	B959730
Dissolved Boron (B)	ug/L	ND	ND	10	B959730	ND	10	B959730
Dissolved Cadmium (Cd)	ug/L	0.0109	0.0083	0.0050	B959730	0.0077	0.0050	B959730
Dissolved Cesium (Cs)	ug/L	ND	ND	0.050	B959730	ND	0.050	B959730
Dissolved Chromium (Cr)	ug/L	ND	0.14	0.10	B959730	0.14	0.10	B959730
Dissolved Cobalt (Co)	ug/L	0.0379	0.0432	0.0050	B959730	0.0436	0.0050	B959730
Dissolved Copper (Cu)	ug/L	0.673	0.692	0.050	B959730	0.688	0.050	B959730
Dissolved Iron (Fe)	ug/L	64.0	51.8	1.0	B959730	51.4	1.0	B959730
Dissolved Lead (Pb)	ug/L	0.0065	0.0061	0.0050	B959730	0.0061	0.0050	B959730
Dissolved Lithium (Li)	ug/L	ND	ND	0.50	B959730	ND	0.50	B959730
Dissolved Manganese (Mn)	ug/L	3.57	3.38	0.050	B959730	3.30	0.050	B959730
Dissolved Molybdenum (Mo)	ug/L	0.409	0.447 (1)	0.050	B959730	0.432	0.050	B959730
Dissolved Nickel (Ni)	ug/L	0.096	0.667	0.020	B959730	0.686	0.020	B959730
Dissolved Phosphorus (P)	ug/L	4.9	4.2	2.0	B959730	4.5	2.0	B959730
Dissolved Rubidium (Rb)	ug/L	0.621	0.600	0.050	B959730	0.593	0.050	B959730
Dissolved Selenium (Se)	ug/L	ND	ND	0.040	B959730	ND	0.040	B959730

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
(1) Matrix Spike 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		DLL230	DLL231			DLL231		
Sampling Date		2025/05/21	2025/05/21			2025/05/21		
COC Number		105067	105067			105067		
	UNITS	SQRI-US	SQRI-DS	RDL	QC Batch	SQRI-DS Lab-Dup	RDL	QC Batch
Dissolved Silicon (Si)	ug/L	3020	2890	50	B959730	2860	50	B959730
Dissolved Silver (Ag)	ug/L	ND	ND	0.0050	B959730	ND	0.0050	B959730
Dissolved Strontium (Sr)	ug/L	24.9	23.6	0.050	B959730	24.1	0.050	B959730
Dissolved Tellurium (Te)	ug/L	ND	ND	0.020	B959730	ND	0.020	B959730
Dissolved Thallium (Tl)	ug/L	ND	0.0027	0.0020	B959730	ND	0.0020	B959730
Dissolved Thorium (Th)	ug/L	0.0100	0.0111	0.0050	B959730	0.0091	0.0050	B959730
Dissolved Tin (Sn)	ug/L	ND	ND	0.20	B959730	ND	0.20	B959730
Dissolved Titanium (Ti)	ug/L	ND	ND	0.50	B959730	ND	0.50	B959730
Dissolved Uranium (U)	ug/L	0.0311	0.0325	0.0020	B959730	0.0339	0.0020	B959730
Dissolved Vanadium (V)	ug/L	0.73	0.66	0.20	B959730	0.70	0.20	B959730
Dissolved Zinc (Zn)	ug/L	1.13	0.81	0.10	B959730	0.76	0.10	B959730
Dissolved Zirconium (Zr)	ug/L	ND	ND	0.10	B959730	ND	0.10	B959730
Total Metals by ICPMS								
Total Aluminum (Al)	ug/L	184	147	3.0	B961717			
Total Antimony (Sb)	ug/L	ND	ND	0.020	B961717			
Total Arsenic (As)	ug/L	0.104	0.100	0.020	B961717			
Total Barium (Ba)	ug/L	7.41	6.98	0.050	B961717			
Total Beryllium (Be)	ug/L	ND	0.012	0.010	B961717			
Total Bismuth (Bi)	ug/L	ND	ND	0.010	B961717			
Total Boron (B)	ug/L	ND	ND	10	B961717			
Total Cadmium (Cd)	ug/L	0.0091	0.0113	0.0050	B961717			
Total Cesium (Cs)	ug/L	ND	ND	0.050	B961717			
Total Chromium (Cr)	ug/L	0.13	0.10	0.10	B961717			
Total Cobalt (Co)	ug/L	0.083	0.072	0.010	B961717			
Total Copper (Cu)	ug/L	0.94	0.88	0.10	B961717			
Total Iron (Fe)	ug/L	177	138	5.0	B961717			
Total Lead (Pb)	ug/L	0.036	0.031	0.020	B961717			
Total Lithium (Li)	ug/L	0.55	0.65	0.50	B961717			
Total Manganese (Mn)	ug/L	5.93	5.10	0.10	B961717			
Total Molybdenum (Mo)	ug/L	0.364	0.394	0.050	B961717			
Total Nickel (Ni)	ug/L	0.13	0.12	0.10	B961717			

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		DLL230	DLL231			DLL231		
Sampling Date		2025/05/21	2025/05/21			2025/05/21		
COC Number		105067	105067			105067		
	UNITS	SQRI-US	SQRI-DS	RDL	QC Batch	SQRI-DS Lab-Dup	RDL	QC Batch
Total Phosphorus (P)	ug/L	12.0	12.1	5.0	B961717			
Total Rubidium (Rb)	ug/L	0.653	0.617	0.050	B961717			
Total Selenium (Se)	ug/L	ND	ND	0.040	B961717			
Total Silicon (Si)	ug/L	3160	3030	50	B961717			
Total Silver (Ag)	ug/L	ND	ND	0.010	B961717			
Total Strontium (Sr)	ug/L	25.9	25.2	0.050	B961717			
Total Tellurium (Te)	ug/L	ND	ND	0.020	B961717			
Total Thallium (Tl)	ug/L	0.0033	0.0029	0.0020	B961717			
Total Thorium (Th)	ug/L	ND	ND	0.050	B961717			
Total Tin (Sn)	ug/L	ND	ND	0.20	B961717			
Total Titanium (Ti)	ug/L	7.2	5.9	2.0	B961717			
Total Uranium (U)	ug/L	0.0355	0.0370	0.0050	B961717			
Total Vanadium (V)	ug/L	0.96	0.79	0.20	B961717			
Total Zinc (Zn)	ug/L	1.6	1.3	1.0	B961717			
Total Zirconium (Zr)	ug/L	ND	ND	0.10	B961717			
Total Calcium (Ca)	mg/L	4.25	4.09	0.25	B957119			
Total Magnesium (Mg)	mg/L	0.46	0.45	0.25	B957119			
Total Potassium (K)	mg/L	0.36	0.37	0.25	B957119			
Total Sodium (Na)	mg/L	1.26	1.30	0.25	B957119			
Total Sulphur (S)	mg/L	ND	ND	3.0	B957119			

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		DLL232		
Sampling Date		2025/05/21		
COC Number		105067		
	UNITS	WLNG - EOP - DUP	RDL	QC Batch
ANIONS				
Bromide (Br)	mg/L	ND	0.010	B961546
Dissolved Metals by ICPMS				
Dissolved Calcium (Ca)	mg/L	19.9	0.050	B957116
Dissolved Magnesium (Mg)	mg/L	0.744	0.050	B957116
Dissolved Potassium (K)	mg/L	1.68	0.050	B957116
Dissolved Sodium (Na)	mg/L	3.94	0.050	B957116
Dissolved Sulphur (S)	mg/L	ND	3.0	B957116
Lab Filtered Metals				
Dissolved Aluminum (Al)	ug/L	41.1	0.50	B959730
Dissolved Antimony (Sb)	ug/L	0.234	0.020	B959730
Dissolved Arsenic (As)	ug/L	1.55	0.020	B959730
Dissolved Barium (Ba)	ug/L	1.26	0.020	B959730
Dissolved Beryllium (Be)	ug/L	ND	0.010	B959730
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	B959730
Dissolved Boron (B)	ug/L	12	10	B959730
Dissolved Cadmium (Cd)	ug/L	0.0122	0.0050	B959730
Dissolved Cesium (Cs)	ug/L	ND	0.050	B959730
Dissolved Chromium (Cr)	ug/L	0.29	0.10	B959730
Dissolved Cobalt (Co)	ug/L	0.0487	0.0050	B959730
Dissolved Copper (Cu)	ug/L	0.442	0.050	B959730
Dissolved Iron (Fe)	ug/L	ND	1.0	B959730
Dissolved Lead (Pb)	ug/L	0.0261	0.0050	B959730
Dissolved Lithium (Li)	ug/L	2.01	0.50	B959730
Dissolved Manganese (Mn)	ug/L	12.9	0.050	B959730
Dissolved Molybdenum (Mo)	ug/L	17.6	0.050	B959730
Dissolved Nickel (Ni)	ug/L	0.126	0.020	B959730
Dissolved Phosphorus (P)	ug/L	2.2	2.0	B959730
Dissolved Rubidium (Rb)	ug/L	3.59	0.050	B959730
Dissolved Selenium (Se)	ug/L	0.061	0.040	B959730
Dissolved Silicon (Si)	ug/L	5480	50	B959730

RDL = Reportable Detection Limit

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

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DLL232		
Sampling Date		2025/05/21		
COC Number		105067		
	UNITS	WLNG - EOP - DUP	RDL	QC Batch
Dissolved Silver (Ag)	ug/L	ND	0.0050	B959730
Dissolved Strontium (Sr)	ug/L	33.0	0.050	B959730
Dissolved Tellurium (Te)	ug/L	ND	0.020	B959730
Dissolved Thallium (Tl)	ug/L	0.0147	0.0020	B959730
Dissolved Thorium (Th)	ug/L	0.0064	0.0050	B959730
Dissolved Tin (Sn)	ug/L	ND	0.20	B959730
Dissolved Titanium (Ti)	ug/L	ND	0.50	B959730
Dissolved Uranium (U)	ug/L	1.00	0.0020	B959730
Dissolved Vanadium (V)	ug/L	0.58	0.20	B959730
Dissolved Zinc (Zn)	ug/L	1.66	0.10	B959730
Dissolved Zirconium (Zr)	ug/L	ND	0.10	B959730
Total Metals by ICPMS				
Total Aluminum (Al)	ug/L	106	3.0	B961717
Total Antimony (Sb)	ug/L	0.217	0.020	B961717
Total Arsenic (As)	ug/L	1.68	0.020	B961717
Total Barium (Ba)	ug/L	1.23	0.050	B961717
Total Beryllium (Be)	ug/L	ND	0.010	B961717
Total Bismuth (Bi)	ug/L	ND	0.010	B961717
Total Boron (B)	ug/L	12	10	B961717
Total Cadmium (Cd)	ug/L	0.0140	0.0050	B961717
Total Cesium (Cs)	ug/L	ND	0.050	B961717
Total Chromium (Cr)	ug/L	0.34	0.10	B961717
Total Cobalt (Co)	ug/L	0.043	0.010	B961717
Total Copper (Cu)	ug/L	0.63	0.10	B961717
Total Iron (Fe)	ug/L	8.1	5.0	B961717
Total Lead (Pb)	ug/L	0.084	0.020	B961717
Total Lithium (Li)	ug/L	2.28	0.50	B961717
Total Manganese (Mn)	ug/L	12.7	0.10	B961717
Total Molybdenum (Mo)	ug/L	17.0	0.050	B961717
Total Nickel (Ni)	ug/L	0.13	0.10	B961717
Total Phosphorus (P)	ug/L	6.9	5.0	B961717

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

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DLL232		
Sampling Date		2025/05/21		
COC Number		105067		
	UNITS	WLNG - EOP - DUP	RDL	QC Batch
Total Rubidium (Rb)	ug/L	3.24	0.050	B961717
Total Selenium (Se)	ug/L	0.053	0.040	B961717
Total Silicon (Si)	ug/L	5490	50	B961717
Total Silver (Ag)	ug/L	ND	0.010	B961717
Total Strontium (Sr)	ug/L	35.3	0.050	B961717
Total Tellurium (Te)	ug/L	ND	0.020	B961717
Total Thallium (Tl)	ug/L	0.0143	0.0020	B961717
Total Thorium (Th)	ug/L	ND	0.050	B961717
Total Tin (Sn)	ug/L	ND	0.20	B961717
Total Titanium (Ti)	ug/L	ND	2.0	B961717
Total Uranium (U)	ug/L	1.14	0.0050	B961717
Total Vanadium (V)	ug/L	0.56	0.20	B961717
Total Zinc (Zn)	ug/L	2.0	1.0	B961717
Total Zirconium (Zr)	ug/L	ND	0.10	B961717
Total Calcium (Ca)	mg/L	17.7	0.25	B957119
Total Magnesium (Mg)	mg/L	0.86	0.25	B957119
Total Potassium (K)	mg/L	1.58	0.25	B957119
Total Sodium (Na)	mg/L	4.21	0.25	B957119
Total Sulphur (S)	mg/L	ND	3.0	B957119

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

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MISCELLANEOUS (WATER)

Bureau Veritas ID		DLL227		DLL228	DLL229	DLL230	DLL231		
Sampling Date		2025/05/21		2025/05/21	2025/05/21	2025/05/21	2025/05/21		
COC Number		105067		105067	105067	105067	105067		
	UNITS	WLNG-DS	QC Batch	WLNG -EOP	WLNG-US	SQRI-US	SQRI-DS	RDL	QC Batch
Calculated Parameters									
Total Un-ionized Hydrogen Sulfide as S	mg/L	ND	B957332	ND	ND	ND	ND	0.0050	B957335
Total Un-ionized Hydrogen Sulfide as H2S	mg/L	ND	B957332	ND	ND	ND	ND	0.0050	B957335

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

Bureau Veritas ID		DLL232		
Sampling Date		2025/05/21		
COC Number		105067		
	UNITS	WLNG - EOP - DUP	RDL	QC Batch
Calculated Parameters				
Total Un-ionized Hydrogen Sulfide as S	mg/L	ND	0.0050	B957335
Total Un-ionized Hydrogen Sulfide as H2S	mg/L	ND	0.0050	B957335

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

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

Bureau Veritas ID		DLL228		DLL232		
Sampling Date		2025/05/21		2025/05/21		
COC Number		105067		105067		
	UNITS	WLNG -EOP	QC Batch	WLNG - EOP - DUP	RDL	QC Batch
Calculated Parameters						
Low Molecular Weight PAH`s	ug/L	ND	B957341	ND	0.10	B957341
High Molecular Weight PAH`s	ug/L	ND	B957341	ND	0.050	B957341
Total PAH	ug/L	ND	B957341	ND	0.10	B957341
Polycyclic Aromatics						
Quinoline	ug/L	ND	B962359	ND	0.020	B962888
Naphthalene	ug/L	ND	B962359	ND	0.10	B962888
1-Methylnaphthalene	ug/L	ND	B962359	ND	0.050	B962888
2-Methylnaphthalene	ug/L	ND	B962359	ND	0.10	B962888
Acenaphthylene	ug/L	ND	B962359	ND	0.050	B962888
Acenaphthene	ug/L	ND	B962359	ND	0.050	B962888
Fluorene	ug/L	ND	B962359	ND	0.050	B962888
Phenanthrene	ug/L	ND	B962359	ND	0.050	B962888
Anthracene	ug/L	ND	B962359	ND	0.010	B962888
Acridine	ug/L	ND	B962359	ND	0.050	B962888
Fluoranthene	ug/L	ND	B962359	ND	0.020	B962888
Pyrene	ug/L	ND	B962359	ND	0.020	B962888
Benzo(a)anthracene	ug/L	ND	B962359	ND	0.010	B962888
Chrysene	ug/L	ND	B962359	ND	0.020	B962888
Benzo(b&j)fluoranthene	ug/L	ND	B962359	ND	0.030	B962888
Benzo(k)fluoranthene	ug/L	ND	B962359	ND	0.050	B962888
Benzo(a)pyrene	ug/L	ND	B962359	ND	0.0050	B962888
Indeno(1,2,3-cd)pyrene	ug/L	ND	B962359	ND	0.050	B962888
Dibenz(a,h)anthracene	ug/L	ND	B962359	ND	0.0030	B962888
Benzo(g,h,i)perylene	ug/L	ND	B962359	ND	0.050	B962888
Calculated Parameters						
LEPH (C10-C19 less PAH)	mg/L	ND	B957342	ND	0.20	B957342
HEPH (C19-C32 less PAH)	mg/L	ND	B957342	ND	0.20	B957342
Ext. Pet. Hydrocarbon						
EPH (C10-C19)	mg/L	ND	B962368	ND	0.20	B962899
EPH (C19-C32)	mg/L	ND	B962368	ND	0.20	B962899

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

Bureau Veritas ID		DLL228		DLL232		
Sampling Date		2025/05/21		2025/05/21		
COC Number		105067		105067		
	UNITS	WLNG -EOP	QC Batch	WLNG - EOP - DUP	RDL	QC Batch
Surrogate Recovery (%)						
O-TERPHENYL (sur.)	%	94	B962368	98		B962899
D10-ANTHRACENE (sur.)	%	90	B962359	99		B962888
D8-ACENAPHTHYLENE (sur.)	%	85	B962359	83		B962888
D8-NAPHTHALENE (sur.)	%	78	B962359	81		B962888
TERPHENYL-D14 (sur.)	%	79	B962359	96		B962888
RDL = Reportable Detection Limit						

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CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DLL228	DLL232		
Sampling Date		2025/05/21	2025/05/21		
COC Number		105067	105067		
	UNITS	WLNG -EOP	WLNG - EOP - DUP	RDL	QC Batch
Calculated Parameters					
VPH (VH6 to 10 - BTEX)	ug/L	ND	ND	300	B957344
Volatiles					
VH C6-C10	ug/L	ND	ND	300	B959347
1,1,1,2-tetrachloroethane	ug/L	ND	ND	0.50	B959347
1,1,1-trichloroethane	ug/L	ND	ND	0.50	B959347
1,1,2,2-tetrachloroethane	ug/L	ND	ND	0.50	B959347
1,1,2Trichloro-1,2,2Trifluoroethane	ug/L	ND	ND	2.0	B959347
1,1,2-trichloroethane	ug/L	ND	ND	0.50	B959347
1,1-dichloroethane	ug/L	ND	ND	0.50	B959347
1,1-dichloroethene	ug/L	ND	ND	0.50	B959347
1,2,3-trichlorobenzene	ug/L	ND	ND	2.0	B959347
1,2,4-trichlorobenzene	ug/L	ND	ND	2.0	B959347
1,2-dibromoethane	ug/L	ND	ND	0.20	B959347
1,2-dichlorobenzene	ug/L	ND	ND	0.50	B959347
1,2-dichloroethane	ug/L	ND	ND	0.50	B959347
1,2-dichloropropane	ug/L	ND	ND	0.50	B959347
1,3,5-trimethylbenzene	ug/L	ND	ND	2.0	B959347
1,3-Butadiene	ug/L	ND	ND	0.50	B959347
1,3-dichlorobenzene	ug/L	ND	ND	0.50	B959347
1,3-dichloropropane	ug/L	ND	ND	1.0	B959347
1,4-dichlorobenzene	ug/L	ND	ND	0.50	B959347
Benzene	ug/L	ND	ND	0.40	B959347
Bromobenzene	ug/L	ND	ND	2.0	B959347
Bromodichloromethane	ug/L	ND	ND	1.0	B959347
Bromoform	ug/L	ND	ND	1.0	B959347
Bromomethane	ug/L	ND	ND	1.0	B959347
Carbon tetrachloride	ug/L	ND	ND	0.50	B959347
Chlorobenzene	ug/L	ND	ND	0.50	B959347
Dibromochloromethane	ug/L	ND	ND	1.0	B959347
Chloroethane	ug/L	ND	ND	1.0	B959347

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

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CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DLL228	DLL232		
Sampling Date		2025/05/21	2025/05/21		
COC Number		105067	105067		
	UNITS	WLNG -EOP	WLNG - EOP - DUP	RDL	QC Batch
Chloroform	ug/L	ND	ND	1.0	B959347
Chloromethane	ug/L	ND	ND	1.0	B959347
cis-1,2-dichloroethene	ug/L	ND	ND	1.0	B959347
cis-1,3-dichloropropene	ug/L	ND	ND	1.0	B959347
Dichlorodifluoromethane	ug/L	ND	ND	2.0	B959347
Dichloromethane	ug/L	ND	ND	2.0	B959347
Ethylbenzene	ug/L	ND	ND	0.40	B959347
Hexachlorobutadiene	ug/L	ND	ND	0.50	B959347
Isopropylbenzene	ug/L	ND	ND	2.0	B959347
Methyl-tert-butylether (MTBE)	ug/L	ND	ND	4.0	B959347
Styrene	ug/L	1.0	0.57	0.50	B959347
Tetrachloroethene	ug/L	ND	ND	0.50	B959347
Toluene	ug/L	ND	ND	0.40	B959347
trans-1,2-dichloroethene	ug/L	ND	ND	1.0	B959347
trans-1,3-dichloropropene	ug/L	ND	ND	1.0	B959347
Trichloroethene	ug/L	ND	ND	0.50	B959347
Trichlorofluoromethane	ug/L	ND	ND	4.0	B959347
Vinyl chloride	ug/L	ND	ND	0.50	B959347
m & p-Xylene	ug/L	ND	ND	0.40	B959347
o-Xylene	ug/L	ND	ND	0.40	B959347
Xylenes (Total)	ug/L	ND	ND	0.40	B959347
Surrogate Recovery (%)					
1,4-Difluorobenzene (sur.)	%	98	100		B959347
4-Bromofluorobenzene (sur.)	%	83	82		B959347
D4-1,2-Dichloroethane (sur.)	%	103	103		B959347

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GENERAL COMMENTS

Sample DLL231 [SQRI-DS] : Sample was analyzed past method specified hold time for Nitrate + Nitrite (N). Exceedance of hold time increases the uncertainty of test results but does not necessarily imply that results are compromised. Sample was analyzed past method specified hold time for Nitrite (N) Regular Level Water.

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
B957392	SYC	RPD [DLL235-01]	Dissolved Oxygen (O2)	2025/05/22	0.21		%	20
B957659	JAV	Matrix Spike	Dissolved Organic Carbon (C)	2025/05/22		98	%	80 - 120
B957659	JAV	Spiked Blank	Dissolved Organic Carbon (C)	2025/05/22		98	%	80 - 120
B957659	JAV	Method Blank	Dissolved Organic Carbon (C)	2025/05/22	ND, RDL=0.50		mg/L	
B957659	JAV	RPD	Dissolved Organic Carbon (C)	2025/05/22	0.22		%	20
B957838	BTM	Spiked Blank	Alkalinity (Total as CaCO3)	2025/05/23		93	%	80 - 120
B957838	BTM	Method Blank	Alkalinity (PP as CaCO3)	2025/05/23	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/05/23	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/05/23	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/05/23	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/05/23	ND, RDL=1.0		mg/L	
B957838	BTM	RPD	Alkalinity (PP as CaCO3)	2025/05/23	NC		%	20
			Alkalinity (Total as CaCO3)	2025/05/23	3.7		%	20
			Bicarbonate (HCO3)	2025/05/23	3.7		%	20
			Carbonate (CO3)	2025/05/23	NC		%	20
			Hydroxide (OH)	2025/05/23	NC		%	20
B957840	BTM	Spiked Blank	pH	2025/05/23		100	%	97 - 103
B957840	BTM	RPD	pH	2025/05/23	0.18		%	N/A
B957957	TSO	Matrix Spike	Total Ammonia (N)	2025/05/22		97	%	80 - 120
B957957	TSO	Spiked Blank	Total Ammonia (N)	2025/05/22		103	%	80 - 120
B957957	TSO	Method Blank	Total Ammonia (N)	2025/05/22	ND, RDL=0.015		mg/L	
B957957	TSO	RPD	Total Ammonia (N)	2025/05/22	0.31		%	20
B958060	CBK	Matrix Spike	Nitrate plus Nitrite (N)	2025/05/22		NC	%	80 - 120
B958060	CBK	Spiked Blank	Nitrate plus Nitrite (N)	2025/05/22		107	%	80 - 120
B958060	CBK	Method Blank	Nitrate plus Nitrite (N)	2025/05/22	ND, RDL=0.020		mg/L	
B958060	CBK	RPD	Nitrate plus Nitrite (N)	2025/05/22	0.62		%	25
B958062	CBK	Matrix Spike	Nitrite (N)	2025/05/22		112	%	80 - 120
B958062	CBK	Spiked Blank	Nitrite (N)	2025/05/22		105	%	80 - 120
B958062	CBK	Method Blank	Nitrite (N)	2025/05/22	ND, RDL=0.0050		mg/L	
B958062	CBK	RPD	Nitrite (N)	2025/05/22	0.77		%	20
B959054	MDO	Matrix Spike [DLL232-12]	Phenols	2025/05/23		103	%	80 - 120
B959054	MDO	Spiked Blank	Phenols	2025/05/23		103	%	80 - 120
B959054	MDO	Method Blank	Phenols	2025/05/23	ND, RDL=0.0015		mg/L	
B959054	MDO	RPD [DLL232-12]	Phenols	2025/05/23	NC		%	20
B959289	BTM	Spiked Blank	Alkalinity (Total as CaCO3)	2025/05/25		100	%	80 - 120
B959289	BTM	Method Blank	Alkalinity (PP as CaCO3)	2025/05/25	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/05/25	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/05/25	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/05/25	ND, RDL=1.0		mg/L	

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Hydroxide (OH)	2025/05/25	ND, RDL=1.0		mg/L	
B959289	BTM	RPD [DLL227-02]	Alkalinity (PP as CaCO3)	2025/05/25	NC		%	20
			Alkalinity (Total as CaCO3)	2025/05/25	3.3		%	20
			Bicarbonate (HCO3)	2025/05/25	3.3		%	20
			Carbonate (CO3)	2025/05/25	NC		%	20
			Hydroxide (OH)	2025/05/25	NC		%	20
B959298	BTM	Spiked Blank	pH	2025/05/25		100	%	97 - 103
B959298	BTM	RPD [DLL227-02]	pH	2025/05/25	0.057		%	N/A
B959347	NGU	Matrix Spike	1,4-Difluorobenzene (sur.)	2025/05/24		99	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/05/24		84	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/05/24		84	%	50 - 140
			1,1,1,2-tetrachloroethane	2025/05/24		67	%	50 - 140
			1,1,1-trichloroethane	2025/05/24		85	%	50 - 140
			1,1,2,2-tetrachloroethane	2025/05/24		75	%	50 - 140
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/05/24		80	%	50 - 140
			1,1,2-trichloroethane	2025/05/24		66	%	50 - 140
			1,1-dichloroethane	2025/05/24		88	%	50 - 140
			1,1-dichloroethene	2025/05/24		94	%	50 - 140
			1,2,3-trichlorobenzene	2025/05/24		105	%	50 - 140
			1,2,4-trichlorobenzene	2025/05/24		106	%	50 - 140
			1,2-dibromoethane	2025/05/24		73	%	50 - 140
			1,2-dichlorobenzene	2025/05/24		85	%	50 - 140
			1,2-dichloroethane	2025/05/24		84	%	50 - 140
			1,2-dichloropropane	2025/05/24		89	%	50 - 140
			1,3,5-trimethylbenzene	2025/05/24		104	%	50 - 140
			1,3-Butadiene	2025/05/24		59	%	50 - 140
			1,3-dichlorobenzene	2025/05/24		90	%	50 - 140
			1,3-dichloropropane	2025/05/24		70	%	50 - 140
			1,4-dichlorobenzene	2025/05/24		76	%	50 - 140
			Benzene	2025/05/24		97	%	50 - 140
			Bromobenzene	2025/05/24		88	%	50 - 140
			Bromodichloromethane	2025/05/24		81	%	50 - 140
			Bromoform	2025/05/24		71	%	50 - 140
			Bromomethane	2025/05/24		75	%	50 - 140
			Carbon tetrachloride	2025/05/24		85	%	50 - 140
			Chlorobenzene	2025/05/24		78	%	50 - 140
			Dibromochloromethane	2025/05/24		69	%	50 - 140
			Chloroethane	2025/05/24		68	%	50 - 140
			Chloroform	2025/05/24		78	%	50 - 140
			Chloromethane	2025/05/24		68	%	50 - 140
			cis-1,2-dichloroethene	2025/05/24		92	%	50 - 140
			cis-1,3-dichloropropene	2025/05/24		70	%	50 - 140
			Dichlorodifluoromethane	2025/05/24		103	%	50 - 140
			Dichloromethane	2025/05/24		88	%	50 - 140
			Ethylbenzene	2025/05/24		80	%	50 - 140
			Hexachlorobutadiene	2025/05/24		101	%	50 - 140
			Isopropylbenzene	2025/05/24		99	%	50 - 140
			Methyl-tert-butylether (MTBE)	2025/05/24		91	%	50 - 140
			Styrene	2025/05/24		63	%	50 - 140
			Tetrachloroethene	2025/05/24		76	%	50 - 140
			Toluene	2025/05/24		75	%	50 - 140
			trans-1,2-dichloroethene	2025/05/24		92	%	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
			trans-1,3-dichloropropene	2025/05/24		66	%	50 - 140
			Trichloroethene	2025/05/24		87	%	50 - 140
			Trichlorofluoromethane	2025/05/24		81	%	50 - 140
			Vinyl chloride	2025/05/24		102	%	50 - 140
			m & p-Xylene	2025/05/24		85	%	50 - 140
			o-Xylene	2025/05/24		78	%	50 - 140
B959347	NGU	Spiked Blank	1,4-Difluorobenzene (sur.)	2025/05/24		97	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/05/24		97	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/05/24		90	%	50 - 140
			VH C6-C10	2025/05/24		96	%	70 - 130
			1,1,1,2-tetrachloroethane	2025/05/24		80	%	60 - 130
			1,1,1-trichloroethane	2025/05/24		86	%	60 - 130
			1,1,2,2-tetrachloroethane	2025/05/24		79	%	60 - 130
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/05/24		80	%	60 - 130
			1,1,2-trichloroethane	2025/05/24		79	%	60 - 130
			1,1-dichloroethane	2025/05/24		89	%	60 - 130
			1,1-dichloroethene	2025/05/24		94	%	60 - 130
			1,2,3-trichlorobenzene	2025/05/24		89	%	60 - 130
			1,2,4-trichlorobenzene	2025/05/24		90	%	60 - 130
			1,2-dibromoethane	2025/05/24		85	%	60 - 130
			1,2-dichlorobenzene	2025/05/24		86	%	60 - 130
			1,2-dichloroethane	2025/05/24		86	%	60 - 130
			1,2-dichloropropane	2025/05/24		90	%	60 - 130
			1,3,5-trimethylbenzene	2025/05/24		108	%	60 - 130
			1,3-Butadiene	2025/05/24		77	%	50 - 140
			1,3-dichlorobenzene	2025/05/24		91	%	60 - 130
			1,3-dichloropropane	2025/05/24		83	%	60 - 130
			1,4-dichlorobenzene	2025/05/24		77	%	60 - 130
			Benzene	2025/05/24		98	%	60 - 130
			Bromobenzene	2025/05/24		88	%	60 - 130
			Bromodichloromethane	2025/05/24		83	%	60 - 130
			Bromoform	2025/05/24		73	%	60 - 130
			Bromomethane	2025/05/24		68	%	50 - 140
			Carbon tetrachloride	2025/05/24		86	%	60 - 130
			Chlorobenzene	2025/05/24		90	%	60 - 130
			Dibromochloromethane	2025/05/24		81	%	60 - 130
			Chloroethane	2025/05/24		65	%	50 - 140
			Chloroform	2025/05/24		87	%	60 - 130
			Chloromethane	2025/05/24		117	%	50 - 140
			cis-1,2-dichloroethene	2025/05/24		93	%	60 - 130
			cis-1,3-dichloropropene	2025/05/24		76	%	50 - 140
			Dichlorodifluoromethane	2025/05/24		104	%	50 - 140
			Dichloromethane	2025/05/24		89	%	60 - 130
			Ethylbenzene	2025/05/24		94	%	60 - 130
			Hexachlorobutadiene	2025/05/24		85	%	60 - 130
			Isopropylbenzene	2025/05/24		99	%	60 - 130
			Methyl-tert-butylether (MTBE)	2025/05/24		92	%	60 - 130
			Styrene	2025/05/24		101	%	60 - 130
			Tetrachloroethene	2025/05/24		90	%	60 - 130
			Toluene	2025/05/24		88	%	60 - 130
			trans-1,2-dichloroethene	2025/05/24		94	%	60 - 130
			trans-1,3-dichloropropene	2025/05/24		70	%	50 - 140
			Trichloroethene	2025/05/24		88	%	60 - 130

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Trichlorofluoromethane	2025/05/24		82	%	60 - 130
			Vinyl chloride	2025/05/24		102	%	50 - 140
			m & p-Xylene	2025/05/24		101	%	60 - 130
			o-Xylene	2025/05/24		92	%	60 - 130
B959347	NGU	Method Blank	1,4-Difluorobenzene (sur.)	2025/05/24		96	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/05/24		76	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/05/24		90	%	50 - 140
			VH C6-C10	2025/05/24	ND, RDL=300		ug/L	
			1,1,1,2-tetrachloroethane	2025/05/24	ND, RDL=0.50		ug/L	
			1,1,1-trichloroethane	2025/05/24	ND, RDL=0.50		ug/L	
			1,1,2,2-tetrachloroethane	2025/05/24	ND, RDL=0.50		ug/L	
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/05/24	ND, RDL=2.0		ug/L	
			1,1,2-trichloroethane	2025/05/24	ND, RDL=0.50		ug/L	
			1,1-dichloroethane	2025/05/24	ND, RDL=0.50		ug/L	
			1,1-dichloroethene	2025/05/24	ND, RDL=0.50		ug/L	
			1,2,3-trichlorobenzene	2025/05/24	ND, RDL=2.0		ug/L	
			1,2,4-trichlorobenzene	2025/05/24	ND, RDL=2.0		ug/L	
			1,2-dibromoethane	2025/05/24	ND, RDL=0.20		ug/L	
			1,2-dichlorobenzene	2025/05/24	ND, RDL=0.50		ug/L	
			1,2-dichloroethane	2025/05/24	ND, RDL=0.50		ug/L	
			1,2-dichloropropane	2025/05/24	ND, RDL=0.50		ug/L	
			1,3,5-trimethylbenzene	2025/05/24	ND, RDL=2.0		ug/L	
			1,3-Butadiene	2025/05/24	ND, RDL=0.50		ug/L	
			1,3-dichlorobenzene	2025/05/24	ND, RDL=0.50		ug/L	
			1,3-dichloropropane	2025/05/24	ND, RDL=1.0		ug/L	
			1,4-dichlorobenzene	2025/05/24	ND, RDL=0.50		ug/L	
			Benzene	2025/05/24	ND, RDL=0.40		ug/L	
			Bromobenzene	2025/05/24	ND, RDL=2.0		ug/L	
			Bromodichloromethane	2025/05/24	ND, RDL=1.0		ug/L	
			Bromoform	2025/05/24	ND, RDL=1.0		ug/L	

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Bromomethane	2025/05/24	ND, RDL=1.0		ug/L	
			Carbon tetrachloride	2025/05/24	ND, RDL=0.50		ug/L	
			Chlorobenzene	2025/05/24	ND, RDL=0.50		ug/L	
			Dibromochloromethane	2025/05/24	ND, RDL=1.0		ug/L	
			Chloroethane	2025/05/24	ND, RDL=1.0		ug/L	
			Chloroform	2025/05/24	ND, RDL=1.0		ug/L	
			Chloromethane	2025/05/24	ND, RDL=1.0		ug/L	
			cis-1,2-dichloroethene	2025/05/24	ND, RDL=1.0		ug/L	
			cis-1,3-dichloropropene	2025/05/24	ND, RDL=1.0		ug/L	
			Dichlorodifluoromethane	2025/05/24	ND, RDL=2.0		ug/L	
			Dichloromethane	2025/05/24	ND, RDL=2.0		ug/L	
			Ethylbenzene	2025/05/24	ND, RDL=0.40		ug/L	
			Hexachlorobutadiene	2025/05/24	ND, RDL=0.50		ug/L	
			Isopropylbenzene	2025/05/24	ND, RDL=2.0		ug/L	
			Methyl-tert-butylether (MTBE)	2025/05/24	ND, RDL=4.0		ug/L	
			Styrene	2025/05/24	ND, RDL=0.50		ug/L	
			Tetrachloroethene	2025/05/24	ND, RDL=0.50		ug/L	
			Toluene	2025/05/24	ND, RDL=0.40		ug/L	
			trans-1,2-dichloroethene	2025/05/24	ND, RDL=1.0		ug/L	
			trans-1,3-dichloropropene	2025/05/24	ND, RDL=1.0		ug/L	
			Trichloroethene	2025/05/24	ND, RDL=0.50		ug/L	
			Trichlorofluoromethane	2025/05/24	ND, RDL=4.0		ug/L	
			Vinyl chloride	2025/05/24	ND, RDL=0.50		ug/L	
			m & p-Xylene	2025/05/24	ND, RDL=0.40		ug/L	
			o-Xylene	2025/05/24	ND, RDL=0.40		ug/L	
			Xylenes (Total)	2025/05/24	ND, RDL=0.40		ug/L	
B959347	NGU	RPD	Bromodichloromethane	2025/05/24	0.91		%	30
			Bromoform	2025/05/24	NC		%	30

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dibromochloromethane	2025/05/24	2.8		%	30
			Chloroform	2025/05/24	2.4		%	30
B959410	IC4	Matrix Spike	Total Mercury (Hg)	2025/05/23		74 (1)	%	80 - 120
B959410	IC4	Spiked Blank	Total Mercury (Hg)	2025/05/23		89	%	80 - 120
B959410	IC4	Method Blank	Total Mercury (Hg)	2025/05/23	ND, RDL=0.0019		ug/L	
B959410	IC4	RPD	Total Mercury (Hg)	2025/05/23	17		%	20
B959730	AA1	Matrix Spike [DLL231-05]	Dissolved Aluminum (Al)	2025/05/26		97	%	80 - 120
			Dissolved Antimony (Sb)	2025/05/26		103	%	80 - 120
			Dissolved Arsenic (As)	2025/05/26		101	%	80 - 120
			Dissolved Barium (Ba)	2025/05/26		101	%	80 - 120
			Dissolved Beryllium (Be)	2025/05/26		97	%	80 - 120
			Dissolved Bismuth (Bi)	2025/05/26		53 (1)	%	80 - 120
			Dissolved Boron (B)	2025/05/26		94	%	80 - 120
			Dissolved Cadmium (Cd)	2025/05/26		104	%	80 - 120
			Dissolved Cesium (Cs)	2025/05/26		96	%	80 - 120
			Dissolved Chromium (Cr)	2025/05/26		95	%	80 - 120
			Dissolved Cobalt (Co)	2025/05/26		97	%	80 - 120
			Dissolved Copper (Cu)	2025/05/26		95	%	80 - 120
			Dissolved Iron (Fe)	2025/05/26		109	%	80 - 120
			Dissolved Lead (Pb)	2025/05/26		96	%	80 - 120
			Dissolved Lithium (Li)	2025/05/26		97	%	80 - 120
			Dissolved Manganese (Mn)	2025/05/26		95	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/05/26		60 (1)	%	80 - 120
			Dissolved Nickel (Ni)	2025/05/26		99	%	80 - 120
			Dissolved Phosphorus (P)	2025/05/26		94	%	80 - 120
			Dissolved Rubidium (Rb)	2025/05/26		102	%	80 - 120
			Dissolved Selenium (Se)	2025/05/26		100	%	80 - 120
			Dissolved Silicon (Si)	2025/05/26		102	%	80 - 120
			Dissolved Silver (Ag)	2025/05/26		101	%	80 - 120
			Dissolved Strontium (Sr)	2025/05/26		100	%	80 - 120
			Dissolved Tellurium (Te)	2025/05/26		106	%	80 - 120
			Dissolved Thallium (Tl)	2025/05/26		95	%	80 - 120
			Dissolved Thorium (Th)	2025/05/26		107	%	80 - 120
			Dissolved Tin (Sn)	2025/05/26		100	%	80 - 120
			Dissolved Titanium (Ti)	2025/05/26		105	%	80 - 120
			Dissolved Uranium (U)	2025/05/26		107	%	80 - 120
			Dissolved Vanadium (V)	2025/05/26		101	%	80 - 120
			Dissolved Zinc (Zn)	2025/05/26		110	%	80 - 120
			Dissolved Zirconium (Zr)	2025/05/26		100	%	80 - 120
B959730	AA1	Spiked Blank	Dissolved Aluminum (Al)	2025/05/26		92	%	80 - 120
			Dissolved Antimony (Sb)	2025/05/26		105	%	80 - 120
			Dissolved Arsenic (As)	2025/05/26		104	%	80 - 120
			Dissolved Barium (Ba)	2025/05/26		104	%	80 - 120
			Dissolved Beryllium (Be)	2025/05/26		93	%	80 - 120
			Dissolved Bismuth (Bi)	2025/05/26		101	%	80 - 120
			Dissolved Boron (B)	2025/05/26		95	%	80 - 120
			Dissolved Cadmium (Cd)	2025/05/26		106	%	80 - 120
			Dissolved Cesium (Cs)	2025/05/26		100	%	80 - 120
			Dissolved Chromium (Cr)	2025/05/26		105	%	80 - 120
			Dissolved Cobalt (Co)	2025/05/26		107	%	80 - 120
			Dissolved Copper (Cu)	2025/05/26		104	%	80 - 120
			Dissolved Iron (Fe)	2025/05/26		116	%	80 - 120

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Lead (Pb)	2025/05/26		103	%	80 - 120
			Dissolved Lithium (Li)	2025/05/26		100	%	80 - 120
			Dissolved Manganese (Mn)	2025/05/26		106	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/05/26		104	%	80 - 120
			Dissolved Nickel (Ni)	2025/05/26		109	%	80 - 120
			Dissolved Phosphorus (P)	2025/05/26		96	%	80 - 120
			Dissolved Rubidium (Rb)	2025/05/26		110	%	80 - 120
			Dissolved Selenium (Se)	2025/05/26		105	%	80 - 120
			Dissolved Silicon (Si)	2025/05/26		105	%	80 - 120
			Dissolved Silver (Ag)	2025/05/26		107	%	80 - 120
			Dissolved Strontium (Sr)	2025/05/26		100	%	80 - 120
			Dissolved Tellurium (Te)	2025/05/26		104	%	80 - 120
			Dissolved Thallium (Tl)	2025/05/26		102	%	80 - 120
			Dissolved Thorium (Th)	2025/05/26		112	%	80 - 120
			Dissolved Tin (Sn)	2025/05/26		108	%	80 - 120
			Dissolved Titanium (Ti)	2025/05/26		109	%	80 - 120
			Dissolved Uranium (U)	2025/05/26		112	%	80 - 120
			Dissolved Vanadium (V)	2025/05/26		111	%	80 - 120
			Dissolved Zinc (Zn)	2025/05/26		112	%	80 - 120
			Dissolved Zirconium (Zr)	2025/05/26		101	%	80 - 120
B959730	AA1	Method Blank	Dissolved Aluminum (Al)	2025/05/26	ND, RDL=0.50		ug/L	
			Dissolved Antimony (Sb)	2025/05/26	ND, RDL=0.020		ug/L	
			Dissolved Arsenic (As)	2025/05/26	ND, RDL=0.020		ug/L	
			Dissolved Barium (Ba)	2025/05/26	ND, RDL=0.020		ug/L	
			Dissolved Beryllium (Be)	2025/05/26	ND, RDL=0.010		ug/L	
			Dissolved Bismuth (Bi)	2025/05/26	ND, RDL=0.0050		ug/L	
			Dissolved Boron (B)	2025/05/26	ND, RDL=10		ug/L	
			Dissolved Cadmium (Cd)	2025/05/26	ND, RDL=0.0050		ug/L	
			Dissolved Cesium (Cs)	2025/05/26	ND, RDL=0.050		ug/L	
			Dissolved Chromium (Cr)	2025/05/26	ND, RDL=0.10		ug/L	
			Dissolved Cobalt (Co)	2025/05/26	ND, RDL=0.0050		ug/L	
			Dissolved Copper (Cu)	2025/05/26	ND, RDL=0.050		ug/L	
			Dissolved Iron (Fe)	2025/05/26	ND, RDL=1.0		ug/L	
			Dissolved Lead (Pb)	2025/05/26	ND, RDL=0.0050		ug/L	
			Dissolved Lithium (Li)	2025/05/26	ND, RDL=0.50		ug/L	
			Dissolved Manganese (Mn)	2025/05/26	ND, RDL=0.050		ug/L	
			Dissolved Molybdenum (Mo)	2025/05/26	ND, RDL=0.050		ug/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Nickel (Ni)	2025/05/26	ND, RDL=0.020		ug/L	
			Dissolved Phosphorus (P)	2025/05/26	ND, RDL=2.0		ug/L	
			Dissolved Rubidium (Rb)	2025/05/26	ND, RDL=0.050		ug/L	
			Dissolved Selenium (Se)	2025/05/26	ND, RDL=0.040		ug/L	
			Dissolved Silicon (Si)	2025/05/26	ND, RDL=50		ug/L	
			Dissolved Silver (Ag)	2025/05/26	ND, RDL=0.0050		ug/L	
			Dissolved Strontium (Sr)	2025/05/26	ND, RDL=0.050		ug/L	
			Dissolved Tellurium (Te)	2025/05/26	ND, RDL=0.020		ug/L	
			Dissolved Thallium (Tl)	2025/05/26	ND, RDL=0.0020		ug/L	
			Dissolved Thorium (Th)	2025/05/26	ND, RDL=0.0050		ug/L	
			Dissolved Tin (Sn)	2025/05/26	ND, RDL=0.20		ug/L	
			Dissolved Titanium (Ti)	2025/05/26	ND, RDL=0.50		ug/L	
			Dissolved Uranium (U)	2025/05/26	ND, RDL=0.0020		ug/L	
			Dissolved Vanadium (V)	2025/05/26	ND, RDL=0.20		ug/L	
			Dissolved Zinc (Zn)	2025/05/26	ND, RDL=0.10		ug/L	
			Dissolved Zirconium (Zr)	2025/05/26	ND, RDL=0.10		ug/L	
B959730	AA1	RPD [DLL231-05]	Dissolved Aluminum (Al)	2025/05/26	0.92		%	20
			Dissolved Antimony (Sb)	2025/05/26	NC		%	20
			Dissolved Arsenic (As)	2025/05/26	5.6		%	20
			Dissolved Barium (Ba)	2025/05/26	0.96		%	20
			Dissolved Beryllium (Be)	2025/05/26	NC		%	20
			Dissolved Bismuth (Bi)	2025/05/26	NC		%	20
			Dissolved Boron (B)	2025/05/26	NC		%	20
			Dissolved Cadmium (Cd)	2025/05/26	7.5		%	20
			Dissolved Cesium (Cs)	2025/05/26	NC		%	20
			Dissolved Chromium (Cr)	2025/05/26	1.7		%	20
			Dissolved Cobalt (Co)	2025/05/26	0.92		%	20
			Dissolved Copper (Cu)	2025/05/26	0.58		%	20
			Dissolved Iron (Fe)	2025/05/26	0.83		%	20
			Dissolved Lead (Pb)	2025/05/26	0		%	20
			Dissolved Lithium (Li)	2025/05/26	NC		%	20
			Dissolved Manganese (Mn)	2025/05/26	2.5		%	20
			Dissolved Molybdenum (Mo)	2025/05/26	3.5		%	20
			Dissolved Nickel (Ni)	2025/05/26	2.8		%	20
			Dissolved Phosphorus (P)	2025/05/26	5.5		%	20
			Dissolved Rubidium (Rb)	2025/05/26	1.1		%	20
			Dissolved Selenium (Se)	2025/05/26	NC		%	20
			Dissolved Silicon (Si)	2025/05/26	1.1		%	20

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Silver (Ag)	2025/05/26	NC		%	20
			Dissolved Strontium (Sr)	2025/05/26	2.0		%	20
			Dissolved Tellurium (Te)	2025/05/26	NC		%	20
			Dissolved Thallium (Tl)	2025/05/26	NC		%	20
			Dissolved Thorium (Th)	2025/05/26	20		%	20
			Dissolved Tin (Sn)	2025/05/26	NC		%	20
			Dissolved Titanium (Ti)	2025/05/26	NC		%	20
			Dissolved Uranium (U)	2025/05/26	4.2		%	20
			Dissolved Vanadium (V)	2025/05/26	6.0		%	20
			Dissolved Zinc (Zn)	2025/05/26	6.9		%	20
			Dissolved Zirconium (Zr)	2025/05/26	NC		%	20
B960181	JLP	Matrix Spike	Chloride (Cl)	2025/05/24		NC	%	80 - 120
			Sulphate (SO4)	2025/05/24		103	%	80 - 120
B960181	JLP	Spiked Blank	Chloride (Cl)	2025/05/24		99	%	80 - 120
			Sulphate (SO4)	2025/05/24		94	%	80 - 120
B960181	JLP	Method Blank	Chloride (Cl)	2025/05/24	ND, RDL=1.0		mg/L	
			Sulphate (SO4)	2025/05/24	ND, RDL=1.0		mg/L	
B960181	JLP	RPD	Chloride (Cl)	2025/05/24	1.8		%	20
B960826	AAX	Matrix Spike	Methyl Sulfone (sur.)	2025/05/26		75	%	50 - 140
			Ethylene Glycol	2025/05/26		63	%	60 - 140
			Diethylene Glycol	2025/05/26		85	%	60 - 140
			Triethylene Glycol	2025/05/26		75	%	60 - 140
			Propylene Glycol	2025/05/26		76	%	60 - 140
B960826	AAX	Spiked Blank	Methyl Sulfone (sur.)	2025/05/26		81	%	50 - 140
			Ethylene Glycol	2025/05/26		71	%	70 - 130
			Diethylene Glycol	2025/05/26		82	%	70 - 130
			Triethylene Glycol	2025/05/26		74	%	70 - 130
			Propylene Glycol	2025/05/26		73	%	70 - 130
B960826	AAX	Method Blank	Methyl Sulfone (sur.)	2025/05/26		73	%	50 - 140
			Ethylene Glycol	2025/05/26	ND, RDL=3.0		mg/L	
			Diethylene Glycol	2025/05/26	ND, RDL=5.0		mg/L	
			Triethylene Glycol	2025/05/26	ND, RDL=5.0		mg/L	
			Propylene Glycol	2025/05/26	ND, RDL=5.0		mg/L	
B960826	AAX	RPD	Ethylene Glycol	2025/05/26	NC		%	30
			Diethylene Glycol	2025/05/26	NC		%	30
			Triethylene Glycol	2025/05/26	NC		%	30
			Propylene Glycol	2025/05/26	NC		%	30
B961216	NJD	Matrix Spike [DLL228-10]	Total Sulphide	2025/05/27		111	%	80 - 120
B961216	NJD	Spiked Blank	Total Sulphide	2025/05/27		99	%	80 - 120
B961216	NJD	Method Blank	Total Sulphide	2025/05/27	ND, RDL=0.0018		mg/L	
B961216	NJD	RPD [DLL227-10]	Total Sulphide	2025/05/27	NC		%	20
B961546	RLC	Matrix Spike	Bromide (Br)	2025/05/27		99	%	78 - 120
B961546	RLC	Spiked Blank	Bromide (Br)	2025/05/27		89	%	80 - 120
B961546	RLC	Method Blank	Bromide (Br)	2025/05/27	ND, RDL=0.010		mg/L	
B961546	RLC	RPD	Bromide (Br)	2025/05/27	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
B961717	AA1	Matrix Spike [DLL229-04]	Total Aluminum (Al)	2025/05/27		101	%	80 - 120
			Total Antimony (Sb)	2025/05/27		100	%	80 - 120
			Total Arsenic (As)	2025/05/27		102	%	80 - 120
			Total Barium (Ba)	2025/05/27		103	%	80 - 120
			Total Beryllium (Be)	2025/05/27		103	%	80 - 120
			Total Bismuth (Bi)	2025/05/27		97	%	80 - 120
			Total Boron (B)	2025/05/27		102	%	80 - 120
			Total Cadmium (Cd)	2025/05/27		101	%	80 - 120
			Total Cesium (Cs)	2025/05/27		102	%	80 - 120
			Total Chromium (Cr)	2025/05/27		99	%	80 - 120
			Total Cobalt (Co)	2025/05/27		92	%	80 - 120
			Total Copper (Cu)	2025/05/27		98	%	80 - 120
			Total Iron (Fe)	2025/05/27		102	%	80 - 120
			Total Lead (Pb)	2025/05/27		97	%	80 - 120
			Total Lithium (Li)	2025/05/27		104	%	80 - 120
			Total Manganese (Mn)	2025/05/27		99	%	80 - 120
			Total Molybdenum (Mo)	2025/05/27		103	%	80 - 120
			Total Nickel (Ni)	2025/05/27		98	%	80 - 120
			Total Phosphorus (P)	2025/05/27		103	%	80 - 120
			Total Rubidium (Rb)	2025/05/27		101	%	80 - 120
			Total Selenium (Se)	2025/05/27		103	%	80 - 120
			Total Silicon (Si)	2025/05/27		100	%	80 - 120
			Total Silver (Ag)	2025/05/27		101	%	80 - 120
			Total Strontium (Sr)	2025/05/27		103	%	80 - 120
			Total Tellurium (Te)	2025/05/27		101	%	80 - 120
			Total Thallium (Tl)	2025/05/27		98	%	80 - 120
			Total Thorium (Th)	2025/05/27		103	%	80 - 120
			Total Tin (Sn)	2025/05/27		97	%	80 - 120
			Total Titanium (Ti)	2025/05/27		103	%	80 - 120
			Total Uranium (U)	2025/05/27		98	%	80 - 120
			Total Vanadium (V)	2025/05/27		100	%	80 - 120
			Total Zinc (Zn)	2025/05/27		101	%	80 - 120
			Total Zirconium (Zr)	2025/05/27		101	%	80 - 120
B961717	AA1	Spiked Blank	Total Aluminum (Al)	2025/05/27		102	%	80 - 120
			Total Antimony (Sb)	2025/05/27		103	%	80 - 120
			Total Arsenic (As)	2025/05/27		105	%	80 - 120
			Total Barium (Ba)	2025/05/27		105	%	80 - 120
			Total Beryllium (Be)	2025/05/27		106	%	80 - 120
			Total Bismuth (Bi)	2025/05/27		101	%	80 - 120
			Total Boron (B)	2025/05/27		103	%	80 - 120
			Total Cadmium (Cd)	2025/05/27		104	%	80 - 120
			Total Cesium (Cs)	2025/05/27		105	%	80 - 120
			Total Chromium (Cr)	2025/05/27		104	%	80 - 120
			Total Cobalt (Co)	2025/05/27		97	%	80 - 120
			Total Copper (Cu)	2025/05/27		102	%	80 - 120
			Total Iron (Fe)	2025/05/27		103	%	80 - 120
			Total Lead (Pb)	2025/05/27		100	%	80 - 120
			Total Lithium (Li)	2025/05/27		105	%	80 - 120
			Total Manganese (Mn)	2025/05/27		103	%	80 - 120
			Total Molybdenum (Mo)	2025/05/27		104	%	80 - 120
			Total Nickel (Ni)	2025/05/27		103	%	80 - 120
			Total Phosphorus (P)	2025/05/27		103	%	80 - 120
			Total Rubidium (Rb)	2025/05/27		108	%	80 - 120

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Selenium (Se)	2025/05/27		105	%	80 - 120
			Total Silicon (Si)	2025/05/27		106	%	80 - 120
			Total Silver (Ag)	2025/05/27		103	%	80 - 120
			Total Strontium (Sr)	2025/05/27		105	%	80 - 120
			Total Tellurium (Te)	2025/05/27		106	%	80 - 120
			Total Thallium (Tl)	2025/05/27		102	%	80 - 120
			Total Thorium (Th)	2025/05/27		105	%	80 - 120
			Total Tin (Sn)	2025/05/27		103	%	80 - 120
			Total Titanium (Ti)	2025/05/27		106	%	80 - 120
			Total Uranium (U)	2025/05/27		103	%	80 - 120
			Total Vanadium (V)	2025/05/27		104	%	80 - 120
			Total Zinc (Zn)	2025/05/27		104	%	80 - 120
			Total Zirconium (Zr)	2025/05/27		102	%	80 - 120
B961717	AA1	Method Blank	Total Aluminum (Al)	2025/05/27	ND, RDL=3.0		ug/L	
			Total Antimony (Sb)	2025/05/27	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/05/27	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/05/27	ND, RDL=0.050		ug/L	
			Total Beryllium (Be)	2025/05/27	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/05/27	ND, RDL=0.010		ug/L	
			Total Boron (B)	2025/05/27	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/05/27	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/05/27	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/05/27	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/05/27	ND, RDL=0.010		ug/L	
			Total Copper (Cu)	2025/05/27	ND, RDL=0.10		ug/L	
			Total Iron (Fe)	2025/05/27	ND, RDL=5.0		ug/L	
			Total Lead (Pb)	2025/05/27	ND, RDL=0.020		ug/L	
			Total Lithium (Li)	2025/05/27	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/05/27	ND, RDL=0.10		ug/L	
			Total Molybdenum (Mo)	2025/05/27	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/05/27	ND, RDL=0.10		ug/L	
			Total Phosphorus (P)	2025/05/27	ND, RDL=5.0		ug/L	
			Total Rubidium (Rb)	2025/05/27	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
			Total Selenium (Se)	2025/05/27	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/05/27	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/05/27	ND, RDL=0.010		ug/L	
			Total Strontium (Sr)	2025/05/27	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/05/27	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/05/27	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/05/27	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/05/27	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/05/27	ND, RDL=2.0		ug/L	
			Total Uranium (U)	2025/05/27	ND, RDL=0.0050		ug/L	
			Total Vanadium (V)	2025/05/27	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/05/27	ND, RDL=1.0		ug/L	
			Total Zirconium (Zr)	2025/05/27	ND, RDL=0.10		ug/L	
B961717	AA1	RPD [DLL227-04]	Total Aluminum (Al)	2025/05/27	0.87		%	20
			Total Antimony (Sb)	2025/05/27	2.3		%	20
			Total Arsenic (As)	2025/05/27	0.52		%	20
			Total Barium (Ba)	2025/05/27	0.63		%	20
			Total Beryllium (Be)	2025/05/27	NC		%	20
			Total Bismuth (Bi)	2025/05/27	7.0		%	20
			Total Boron (B)	2025/05/27	5.4		%	20
			Total Cadmium (Cd)	2025/05/27	11		%	20
			Total Cesium (Cs)	2025/05/27	12		%	20
			Total Chromium (Cr)	2025/05/27	7.8		%	20
			Total Cobalt (Co)	2025/05/27	7.4		%	20
			Total Copper (Cu)	2025/05/27	3.3		%	20
			Total Iron (Fe)	2025/05/27	1.1		%	20
			Total Lead (Pb)	2025/05/27	4.8		%	20
			Total Lithium (Li)	2025/05/27	2.5		%	20
			Total Manganese (Mn)	2025/05/27	0.19		%	20
			Total Molybdenum (Mo)	2025/05/27	0.48		%	20
			Total Nickel (Ni)	2025/05/27	7.4		%	20
			Total Phosphorus (P)	2025/05/27	12		%	20
			Total Rubidium (Rb)	2025/05/27	3.3		%	20
			Total Selenium (Se)	2025/05/27	3.8		%	20
			Total Silicon (Si)	2025/05/27	0.51		%	20
			Total Silver (Ag)	2025/05/27	NC		%	20
			Total Strontium (Sr)	2025/05/27	0.46		%	20
			Total Tellurium (Te)	2025/05/27	NC		%	20
			Total Thallium (Tl)	2025/05/27	1.5		%	20
			Total Thorium (Th)	2025/05/27	14		%	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 Tin (Sn)	2025/05/27	NC		%	20
			Total Titanium (Ti)	2025/05/27	5.5		%	20
			Total Uranium (U)	2025/05/27	0.76		%	20
			Total Vanadium (V)	2025/05/27	5.7		%	20
			Total Zinc (Zn)	2025/05/27	3.3		%	20
			Total Zirconium (Zr)	2025/05/27	NC		%	20
B962007	BTM	Matrix Spike	Total Suspended Solids	2025/05/28		105	%	80 - 120
B962007	BTM	Spiked Blank	Total Suspended Solids	2025/05/28		101	%	80 - 120
B962007	BTM	Method Blank	Total Suspended Solids	2025/05/28	ND, RDL=1.0		mg/L	
B962007	BTM	RPD [DLL227-01]	Total Suspended Solids	2025/05/28	9.5		%	20
B962359	JP1	Matrix Spike	D10-ANTHRACENE (sur.)	2025/05/27		78	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/05/27		85	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/05/27		81	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/05/27		61	%	50 - 140
			Quinoline	2025/05/27		117	%	50 - 140
			Naphthalene	2025/05/27		85	%	50 - 140
			1-Methylnaphthalene	2025/05/27		90	%	50 - 140
			2-Methylnaphthalene	2025/05/27		85	%	50 - 140
			Acenaphthylene	2025/05/27		91	%	50 - 140
			Acenaphthene	2025/05/27		86	%	50 - 140
			Fluorene	2025/05/27		98	%	50 - 140
			Phenanthrene	2025/05/27		89	%	50 - 140
			Anthracene	2025/05/27		81	%	50 - 140
			Acridine	2025/05/27		102	%	50 - 140
			Fluoranthene	2025/05/27		61	%	50 - 140
			Pyrene	2025/05/27		58	%	50 - 140
			Benzo(a)anthracene	2025/05/27		87	%	50 - 140
			Chrysene	2025/05/27		85	%	50 - 140
			Benzo(b&j)fluoranthene	2025/05/27		73	%	50 - 140
			Benzo(k)fluoranthene	2025/05/27		88	%	50 - 140
			Benzo(a)pyrene	2025/05/27		74	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/05/27		31 (1)	%	50 - 140
			Dibenz(a,h)anthracene	2025/05/27		28 (1)	%	50 - 140
			Benzo(g,h,i)perylene	2025/05/27		29 (1)	%	50 - 140
B962359	JP1	Spiked Blank	D10-ANTHRACENE (sur.)	2025/05/27		89	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/05/27		87	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/05/27		80	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/05/27		85	%	50 - 140
			Quinoline	2025/05/27		109	%	50 - 140
			Naphthalene	2025/05/27		81	%	50 - 140
			1-Methylnaphthalene	2025/05/27		86	%	50 - 140
			2-Methylnaphthalene	2025/05/27		82	%	50 - 140
			Acenaphthylene	2025/05/27		89	%	50 - 140
			Acenaphthene	2025/05/27		85	%	50 - 140
			Fluorene	2025/05/27		98	%	50 - 140
			Phenanthrene	2025/05/27		89	%	50 - 140
			Anthracene	2025/05/27		84	%	50 - 140
			Acridine	2025/05/27		97	%	50 - 140
			Fluoranthene	2025/05/27		73	%	50 - 140
			Pyrene	2025/05/27		71	%	50 - 140
			Benzo(a)anthracene	2025/05/27		88	%	50 - 140
			Chrysene	2025/05/27		85	%	50 - 140

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Benzo(b&j)fluoranthene	2025/05/27		84	%	50 - 140
			Benzo(k)fluoranthene	2025/05/27		93	%	50 - 140
			Benzo(a)pyrene	2025/05/27		84	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/05/27		86	%	50 - 140
			Dibenz(a,h)anthracene	2025/05/27		86	%	50 - 140
			Benzo(g,h,i)perylene	2025/05/27		85	%	50 - 140
B962359	JP1	Method Blank	D10-ANTHRACENE (sur.)	2025/05/27		95	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/05/27		88	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/05/27		80	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/05/27		78	%	50 - 140
			Quinoline	2025/05/27	ND, RDL=0.020		ug/L	
			Naphthalene	2025/05/27	ND, RDL=0.10		ug/L	
			1-Methylnaphthalene	2025/05/27	ND, RDL=0.050		ug/L	
			2-Methylnaphthalene	2025/05/27	ND, RDL=0.10		ug/L	
			Acenaphthylene	2025/05/27	ND, RDL=0.050		ug/L	
			Acenaphthene	2025/05/27	ND, RDL=0.050		ug/L	
			Fluorene	2025/05/27	ND, RDL=0.050		ug/L	
			Phenanthrene	2025/05/27	ND, RDL=0.050		ug/L	
			Anthracene	2025/05/27	ND, RDL=0.010		ug/L	
			Acridine	2025/05/27	ND, RDL=0.050		ug/L	
			Fluoranthene	2025/05/27	ND, RDL=0.020		ug/L	
			Pyrene	2025/05/27	ND, RDL=0.020		ug/L	
			Benzo(a)anthracene	2025/05/27	ND, RDL=0.010		ug/L	
			Chrysene	2025/05/27	ND, RDL=0.020		ug/L	
			Benzo(b&j)fluoranthene	2025/05/27	ND, RDL=0.030		ug/L	
			Benzo(k)fluoranthene	2025/05/27	ND, RDL=0.050		ug/L	
			Benzo(a)pyrene	2025/05/27	ND, RDL=0.0050		ug/L	
			Indeno(1,2,3-cd)pyrene	2025/05/27	ND, RDL=0.050		ug/L	
			Dibenz(a,h)anthracene	2025/05/27	ND, RDL=0.0030		ug/L	
			Benzo(g,h,i)perylene	2025/05/27	ND, RDL=0.050		ug/L	
B962359	JP1	RPD	Quinoline	2025/05/28	NC		%	40
			Naphthalene	2025/05/28	5.4		%	40
			1-Methylnaphthalene	2025/05/28	1.6		%	40
			2-Methylnaphthalene	2025/05/28	0.85		%	40

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Acenaphthylene	2025/05/28	NC		%	40
			Acenaphthene	2025/05/28	NC		%	40
			Fluorene	2025/05/28	NC		%	40
			Phenanthrene	2025/05/28	NC		%	40
			Anthracene	2025/05/28	NC		%	40
			Acridine	2025/05/28	NC		%	40
			Fluoranthene	2025/05/28	NC		%	40
			Pyrene	2025/05/28	NC		%	40
			Benzo(a)anthracene	2025/05/28	NC		%	40
			Chrysene	2025/05/28	NC		%	40
			Benzo(b&j)fluoranthene	2025/05/28	NC		%	40
			Benzo(k)fluoranthene	2025/05/28	NC		%	40
			Benzo(a)pyrene	2025/05/28	NC		%	40
			Indeno(1,2,3-cd)pyrene	2025/05/28	NC		%	40
			Dibenz(a,h)anthracene	2025/05/28	NC		%	40
			Benzo(g,h,i)perylene	2025/05/28	NC		%	40
B962368	IT1	Matrix Spike	O-TERPHENYL (sur.)	2025/05/27		99	%	60 - 140
			EPH (C10-C19)	2025/05/27		109	%	60 - 140
			EPH (C19-C32)	2025/05/27		125	%	60 - 140
B962368	IT1	Spiked Blank	O-TERPHENYL (sur.)	2025/05/27		93	%	60 - 140
			EPH (C10-C19)	2025/05/27		98	%	70 - 130
			EPH (C19-C32)	2025/05/27		112	%	70 - 130
B962368	IT1	Method Blank	O-TERPHENYL (sur.)	2025/05/27		104	%	60 - 140
			EPH (C10-C19)	2025/05/27	ND, RDL=0.20		mg/L	
			EPH (C19-C32)	2025/05/27	ND, RDL=0.20		mg/L	
B962368	IT1	RPD	EPH (C10-C19)	2025/05/27	NC		%	30
			EPH (C19-C32)	2025/05/27	NC		%	30
B962767	IC4	Matrix Spike	Dissolved Mercury (Hg)	2025/05/27		102	%	80 - 120
B962767	IC4	Spiked Blank	Dissolved Mercury (Hg)	2025/05/27		92	%	80 - 120
B962767	IC4	Method Blank	Dissolved Mercury (Hg)	2025/05/27	ND, RDL=0.0019		ug/L	
B962767	IC4	RPD	Dissolved Mercury (Hg)	2025/05/27	NC		%	20
B962857	BTM	Matrix Spike	Total Dissolved Solids	2025/05/28		93	%	80 - 120
B962857	BTM	Spiked Blank	Total Dissolved Solids	2025/05/28		101	%	80 - 120
B962857	BTM	Method Blank	Total Dissolved Solids	2025/05/28	ND, RDL=10		mg/L	
B962857	BTM	RPD	Total Dissolved Solids	2025/05/28	5.1		%	20
B962888	JP1	Spiked Blank	D10-ANTHRACENE (sur.)	2025/05/27		92	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/05/27		81	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/05/27		81	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/05/27		93	%	50 - 140
			Quinoline	2025/05/27		114	%	50 - 140
			Naphthalene	2025/05/27		84	%	50 - 140
			1-Methylnaphthalene	2025/05/27		86	%	50 - 140
			2-Methylnaphthalene	2025/05/27		83	%	50 - 140
			Acenaphthylene	2025/05/27		82	%	50 - 140
			Acenaphthene	2025/05/27		86	%	50 - 140
			Fluorene	2025/05/27		86	%	50 - 140
			Phenanthrene	2025/05/27		84	%	50 - 140
			Anthracene	2025/05/27		86	%	50 - 140
			Acridine	2025/05/27		99	%	50 - 140

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Fluoranthene	2025/05/27		85	%	50 - 140
			Pyrene	2025/05/27		86	%	50 - 140
			Benzo(a)anthracene	2025/05/27		79	%	50 - 140
			Chrysene	2025/05/27		79	%	50 - 140
			Benzo(b&j)fluoranthene	2025/05/27		80	%	50 - 140
			Benzo(k)fluoranthene	2025/05/27		83	%	50 - 140
			Benzo(a)pyrene	2025/05/27		76	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/05/27		78	%	50 - 140
			Dibenz(a,h)anthracene	2025/05/27		77	%	50 - 140
			Benzo(g,h,i)perylene	2025/05/27		79	%	50 - 140
B962888	JP1	Method Blank	D10-ANTHRACENE (sur.)	2025/05/27		96	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/05/27		82	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/05/27		79	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/05/27		96	%	50 - 140
			Quinoline	2025/05/27	ND, RDL=0.020		ug/L	
			Naphthalene	2025/05/27	ND, RDL=0.10		ug/L	
			1-Methylnaphthalene	2025/05/27	ND, RDL=0.050		ug/L	
			2-Methylnaphthalene	2025/05/27	ND, RDL=0.10		ug/L	
			Acenaphthylene	2025/05/27	ND, RDL=0.050		ug/L	
			Acenaphthene	2025/05/27	ND, RDL=0.050		ug/L	
			Fluorene	2025/05/27	ND, RDL=0.050		ug/L	
			Phenanthrene	2025/05/27	ND, RDL=0.050		ug/L	
			Anthracene	2025/05/27	ND, RDL=0.010		ug/L	
			Acridine	2025/05/27	ND, RDL=0.050		ug/L	
			Fluoranthene	2025/05/27	ND, RDL=0.020		ug/L	
			Pyrene	2025/05/27	ND, RDL=0.020		ug/L	
			Benzo(a)anthracene	2025/05/27	ND, RDL=0.010		ug/L	
			Chrysene	2025/05/27	ND, RDL=0.020		ug/L	
			Benzo(b&j)fluoranthene	2025/05/27	ND, RDL=0.030		ug/L	
			Benzo(k)fluoranthene	2025/05/27	ND, RDL=0.050		ug/L	
			Benzo(a)pyrene	2025/05/27	ND, RDL=0.0050		ug/L	
			Indeno(1,2,3-cd)pyrene	2025/05/27	ND, RDL=0.050		ug/L	
			Dibenz(a,h)anthracene	2025/05/27	ND, RDL=0.0030		ug/L	
			Benzo(g,h,i)perylene	2025/05/27	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
B962888	JP1	RPD	Quinoline	2025/05/28	NC		%	40
			Naphthalene	2025/05/28	NC		%	40
			1-Methylnaphthalene	2025/05/28	NC		%	40
			2-Methylnaphthalene	2025/05/28	NC		%	40
			Acenaphthylene	2025/05/28	NC		%	40
			Acenaphthene	2025/05/28	NC		%	40
			Fluorene	2025/05/28	NC		%	40
			Phenanthrene	2025/05/28	NC		%	40
			Anthracene	2025/05/28	NC		%	40
			Acridine	2025/05/28	NC		%	40
			Fluoranthene	2025/05/28	NC		%	40
			Pyrene	2025/05/28	NC		%	40
			Benzo(a)anthracene	2025/05/28	NC		%	40
			Chrysene	2025/05/28	NC		%	40
			Benzo(b&j)fluoranthene	2025/05/28	NC		%	40
			Benzo(k)fluoranthene	2025/05/28	NC		%	40
			Benzo(a)pyrene	2025/05/28	NC		%	40
			Indeno(1,2,3-cd)pyrene	2025/05/28	NC		%	40
			Dibenz(a,h)anthracene	2025/05/28	NC		%	40
			Benzo(g,h,i)perylene	2025/05/28	NC		%	40
B962899	IT1	Spiked Blank	O-TERPHENYL (sur.)	2025/05/27		96	%	60 - 140
			EPH (C10-C19)	2025/05/27		97	%	70 - 130
			EPH (C19-C32)	2025/05/27		112	%	70 - 130
B962899	IT1	Method Blank	O-TERPHENYL (sur.)	2025/05/27		96	%	60 - 140
			EPH (C10-C19)	2025/05/27	ND, RDL=0.20		mg/L	
			EPH (C19-C32)	2025/05/27	ND, RDL=0.20		mg/L	
B962899	IT1	RPD	EPH (C10-C19)	2025/05/27	NC		%	30
			EPH (C19-C32)	2025/05/27	NC		%	30
B962932	CJY	Matrix Spike	Dissolved Fluoride (F)	2025/05/27		NC	%	80 - 120
B962932	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/05/27		96	%	80 - 120
B962932	CJY	Method Blank	Dissolved Fluoride (F)	2025/05/27	ND, RDL=0.050		mg/L	
B962932	CJY	RPD	Dissolved Fluoride (F)	2025/05/27	NC		%	20
B962994	CJY	Matrix Spike	Dissolved Fluoride (F)	2025/05/28		NC	%	80 - 120
B962994	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/05/27		97	%	80 - 120
B962994	CJY	Method Blank	Dissolved Fluoride (F)	2025/05/27	ND, RDL=0.050		mg/L	
B962994	CJY	RPD	Dissolved Fluoride (F)	2025/05/28	0.59		%	20
B963317	NKT	Matrix Spike	Total Phosphorus (P)	2025/05/28		-2.1	%	N/A
B963317	NKT	Spiked Blank	Total Phosphorus (P)	2025/05/28		95	%	80 - 120
B963317	NKT	Method Blank	Total Phosphorus (P)	2025/05/28	ND, RDL=0.0010		mg/L	
B963317	NKT	RPD	Total Phosphorus (P)	2025/05/28	NC		%	20
B964590	JLP	Matrix Spike [DLL232-11]	Total Hex. Chromium (Cr 6+)	2025/05/28		117	%	80 - 120
B964590	JLP	Spiked Blank	Total Hex. Chromium (Cr 6+)	2025/05/28		116	%	80 - 120
B964590	JLP	Method Blank	Total Hex. Chromium (Cr 6+)	2025/05/28	ND, RDL=0.00099		mg/L	
B964590	JLP	RPD [DLL232-11]	Total Hex. Chromium (Cr 6+)	2025/05/28	NC		%	20
B964628	JAV	Matrix Spike [DLL227-08]	Total Organic Carbon (C)	2025/05/28		108	%	80 - 120
B964628	JAV	Spiked Blank	Total Organic Carbon (C)	2025/05/28		104	%	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
B964628	JAV	Method Blank	Total Organic Carbon (C)	2025/05/28	ND, RDL=0.50		mg/L	
B964628	JAV	RPD [DLL227-08]	Total Organic Carbon (C)	2025/05/28	2.5		%	20
B964673	TSO	Matrix Spike	Total Nitrogen (N)	2025/05/29		103	%	80 - 120
B964673	TSO	Spiked Blank	Total Nitrogen (N)	2025/05/29		101	%	80 - 120
B964673	TSO	Method Blank	Total Nitrogen (N)	2025/05/29	ND, RDL=0.020		mg/L	
B964673	TSO	RPD	Total Nitrogen (N)	2025/05/29	NC		%	20
B964677	TSO	Matrix Spike	Total Nitrogen (N)	2025/05/29		NC	%	80 - 120
B964677	TSO	Spiked Blank	Total Nitrogen (N)	2025/05/29		103	%	80 - 120
B964677	TSO	Method Blank	Total Nitrogen (N)	2025/05/29	ND, RDL=0.020		mg/L	
B964677	TSO	RPD	Total Nitrogen (N)	2025/05/29	0.74		%	20
B967974	C2L	Spiked Blank	Nitrate plus Nitrite (N)	2025/05/30		110	%	80 - 120
B967974	C2L	Method Blank	Nitrate plus Nitrite (N)	2025/05/30	ND, RDL=0.020		mg/L	
B967975	C2L	Spiked Blank	Nitrite (N)	2025/05/30		103	%	80 - 120
B967975	C2L	Method Blank	Nitrite (N)	2025/05/30	ND, RDL=0.0050		mg/L	

N/A = Not Applicable

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

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

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

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

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

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

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

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

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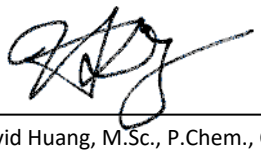
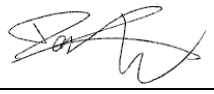
VALIDATION SIGNATURE PAGE

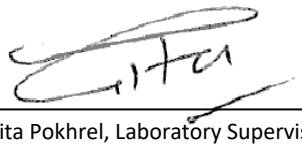
The analytical data and all QC contained in this report were reviewed and validated by:



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



Donald Lai, Laboratory Supervisor



Gita Pokhrel, Laboratory Supervisor

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

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

Bureau Veritas Certified by David Huang, M.Sc., P.Chem., QP, Scientific Services Manager

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 Raphael Kwan, General Manager, BC and Yukon Regions responsible for British Columbia Environmental laboratory operations.

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

C546336
2025/05/21 18:00

No COC.
eCOC only. (W105067)

08552157

COR FCD-00295 / 9
Page __ of __

MAXXAM
A Bureau Veritas & Stantec Company

Hatfield

ADDITIONAL COOLER TEMPERATURE RECORD

CHAIN-OF-CUSTODY RECORD

CHAIN OF CUSTODY #

Page __ of __

COOLER OBSERVATIONS:

MAXXAM JOB#:

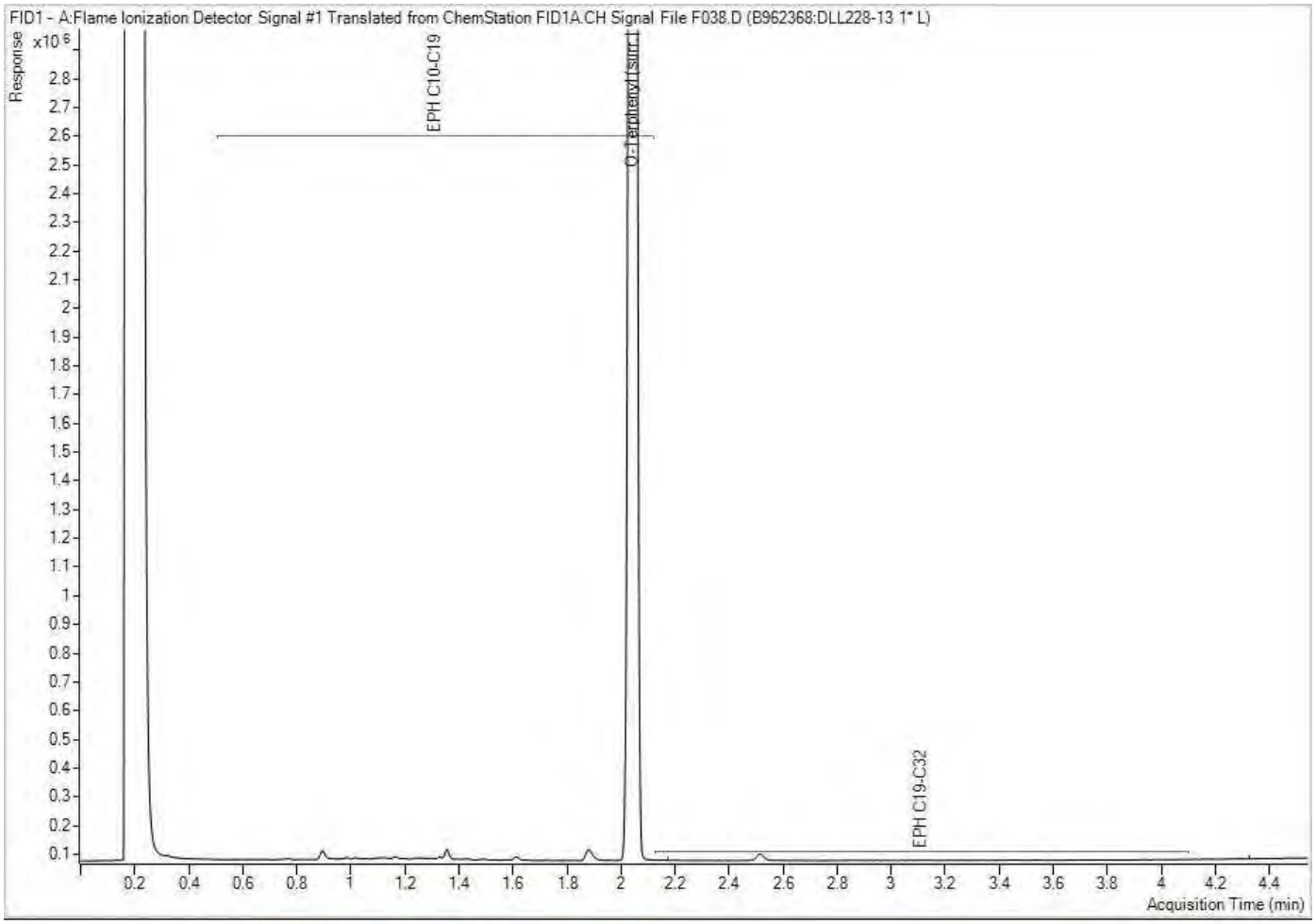
CUSTODY SEAL	YES	NO	COOLER ID			
PRESENT		/				
INTACT		/	TEMP	10	11	10
ICE PRESENT	/			1	2	3
CUSTODY SEAL	YES	NO	COOLER ID			
PRESENT		/				
INTACT		/	TEMP	10	10	10
ICE PRESENT	/			1	2	3
CUSTODY SEAL	YES	NO	COOLER ID			
PRESENT		/				
INTACT		/	TEMP	12	11	10
ICE PRESENT	/			1	2	3
CUSTODY SEAL	YES	NO	COOLER ID			
PRESENT		/				
INTACT		/	TEMP	9	9	10
ICE PRESENT	/			1	2	3
CUSTODY SEAL	YES	NO	COOLER ID			
PRESENT						
INTACT			TEMP			
ICE PRESENT				1	2	3
CUSTODY SEAL	YES	NO	COOLER ID			
PRESENT						
INTACT			TEMP			
ICE PRESENT				1	2	3
CUSTODY SEAL	YES	NO	COOLER ID			
PRESENT						
INTACT			TEMP			
ICE PRESENT				1	2	3
CUSTODY SEAL	YES	NO	COOLER ID			
PRESENT						
INTACT			TEMP			
ICE PRESENT				1	2	3
CUSTODY SEAL	YES	NO	COOLER ID			
PRESENT						
INTACT			TEMP			
ICE PRESENT				1	2	3

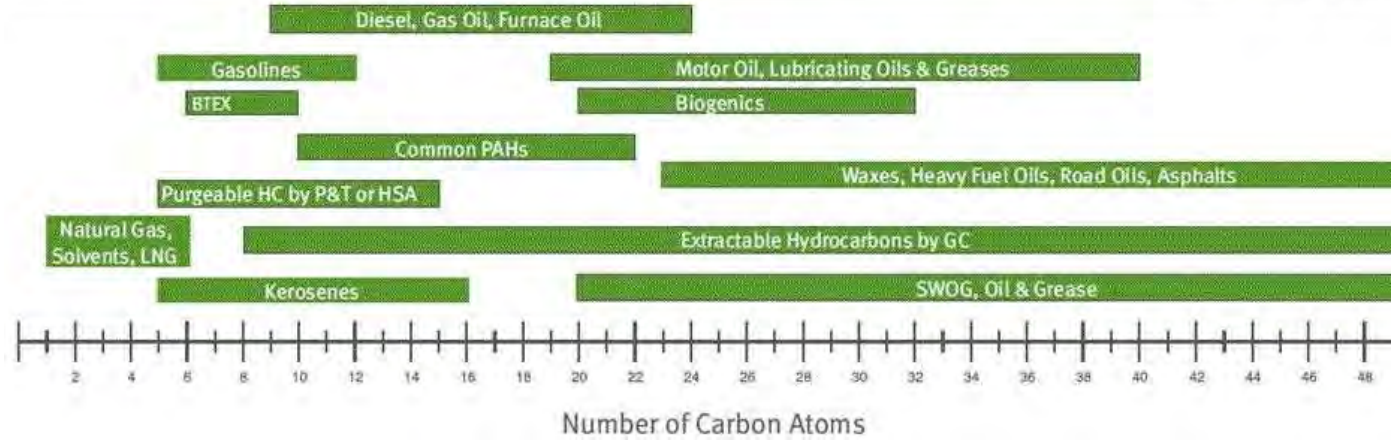
CUSTODY SEAL	YES	NO	COOLER ID			
PRESENT						
INTACT			TEMP			
ICE PRESENT				1	2	3
CUSTODY SEAL	YES	NO	COOLER ID			
PRESENT						
INTACT			TEMP			
ICE PRESENT				1	2	3
CUSTODY SEAL	YES	NO	COOLER ID			
PRESENT						
INTACT			TEMP			
ICE PRESENT				1	2	3
CUSTODY SEAL	YES	NO	COOLER ID			
PRESENT						
INTACT			TEMP			
ICE PRESENT				1	2	3
CUSTODY SEAL	YES	NO	COOLER ID			
PRESENT						
INTACT			TEMP			
ICE PRESENT				1	2	3
CUSTODY SEAL	YES	NO	COOLER ID			
PRESENT						
INTACT			TEMP			
ICE PRESENT				1	2	3
CUSTODY SEAL	YES	NO	COOLER ID			
PRESENT						
INTACT			TEMP			
ICE PRESENT				1	2	3
CUSTODY SEAL	YES	NO	COOLER ID			
PRESENT						
INTACT			TEMP			
ICE PRESENT				1	2	3

MVAN-2025-05-1512

RECEIVED BY (SIGN & PRINT)	DATE (YYYY/MM/DD)	TIME (HH:MM)
DICKSON CHONG	2025/05/21	18:00

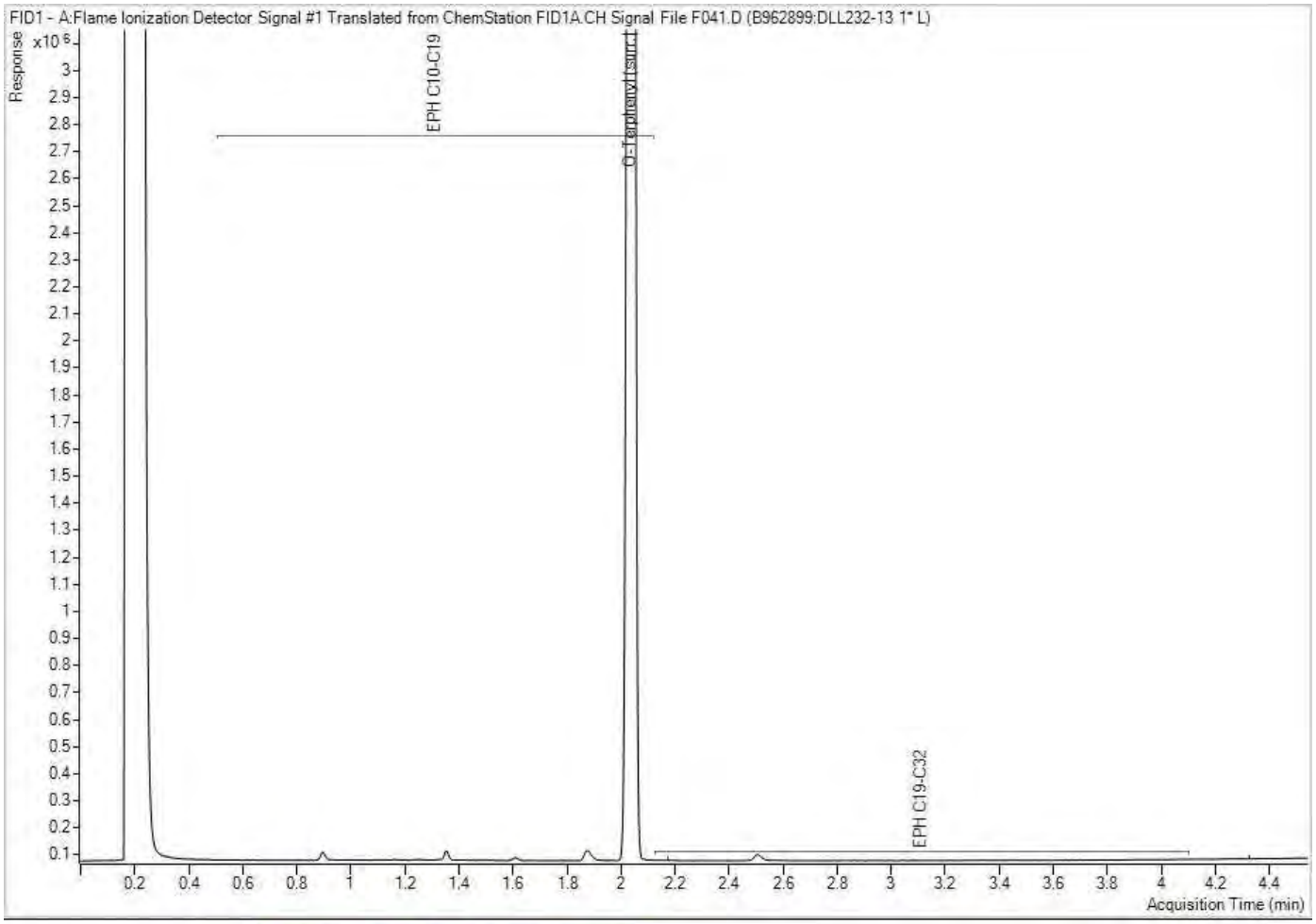
EPH in Water when PAH required Chromatogram

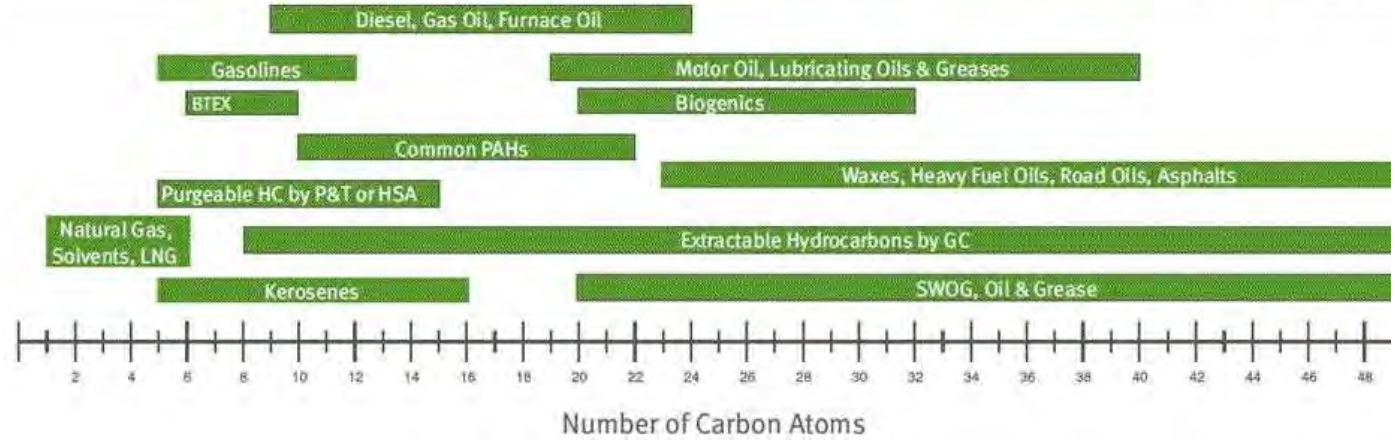




Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

EPH in Water when PAH required Chromatogram





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

eCOC: W105067

Project Information:	C546336
Job Received:	2025/05/21 18:00
Expected TAT:	Standard TAT
Expected Arrival:	2025/05/22
Submitted By:	Levi Manchak
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: Jennifer Choyce
HATFIELD CONSULTANTS
200-850 Harbourside Dr
North Vancouver , BC , V7P 0A3
Email to:
jchoyce@hatfieldgroup.com
rmaharaj@hatfieldgroup.com
mwhelly@hatfieldgroup.com

Project Information

Quote #:	C50083, C41740
PO/AFE#:	4800010213
Project #:	Fortis11234/PE-110163
Site Location:	Woodfibre Pipeline Project

Analytical Summary

A: Standard TAT

Client Sample ID	Clnt Ref	Sampling Date/Time	Matrix	#Cont	Woodfibre 2025	Woodfibre Additional 2025	Oxygen (Dissolved)	Rainbow Trout LC50 Multi-concentration	Set Number
WLNG-DS	1	2025/05/21	WATER	14	A				1
WLNG -EOP	2	2025/05/21	WATER	22	A	A		A	2
WLNG-US	3	2025/05/21	WATER	14	A				1
SQRI-US	4	2025/05/21	WATER	13	A				1
SQRI-DS	5	2025/05/21	WATER	13	A				1
WLNG - EOP - DUP	6	2025/05/21	WATER	17	A	A			3
WF-H20-001	7	2025/05/21	WATER	1			A		4
WF-H20-002	8	2025/05/21	WATER	1			A		4
WF-H20-003	9	2025/05/21	WATER	1			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: ***SAMEDAY TAT for DO-W Please***

WLNG-US @14:55; pH 7.58; Temp 11.5oC
WLNG-DS @14:00; pH 7.28; Temp 12.2oC
WLNG-EOP @14:30; pH 7.13; Temp 11.8oC
SQU-DS @08:27; pH 6.1; Temp 7.5oC
SQU-US @08:00; pH 6.1; Temp 7.4oC

eCOC Change Log

Modified By	Date Modified	Changes	Comments
Levi Manchak	21 May 25 21:41:20	Notes/Comments, Tests Requested, Sample Information	
Levi Manchak	22 May 25 09:44:42	Notes/Comments, Sample Information	add rush for DO - LM1
Levi Manchak	22 May 25 09:44:52	Shipping Information	add rush for DO - LM1

eCOC: W105067

Project Information:	C546336
Job Received:	2025/05/21 18:00
Expected TAT:	Standard TAT
Expected Arrival:	2025/05/22
Submitted By:	Levi Manchak
Submitted To:	Burnaby ENV: 4606 Canada Way

Sample Set Listing

Set 1 (4 samples)	Set 2 (1 sample)	Set 3 (1 sample)	Set 4 (3 samples)
WLNG-DS	WLNG -EOP	WLNG - EOP - DUP	WF-H20-001
WLNG-US			WF-H20-002
SQRI-US			WF-H20-003
SQRI-DS			